

MA20


mosmatic 

MASTER CATALOG

2020

CAR WASH | HIGH PRESSURE CLEANING | ROTARY UNIONS



Mosmatic Corporation, Bristol, USA



Mosmatic Canada Inc., Saint-Léonard, CA



Mosmatic Australasia Pty Ltd., Coopers Plains, AU

FOREWORD

We are proud to present the new Mosmatic customer catalogue. For your convenience we have combined our three divisions into one informative book. Car wash, high pressure cleaning and our high-precision swivel/rotary union lines can now be found in one catalogue. Mosmatic products are a brand of quality, reliability and performance that customers have come to expect as well as value in their daily applications.

It is our aim to continually provide you with products of highest quality at all stages: design, production and handling. Mosmatic produces high-precision components and accessories that cross a multitude of product applications and industries. Our focus is to produce efficient and reliable products that exceed customer expectations and industry standards.

To ensure our promise to quality we design, develop and manufacture all our products to ISO 9001:2015 standards.

Many of our products are within this catalogue or online at www.mosmatic.com. Please take the time to sign up for our direct news and facebook page to receive the latest product updates and specials.

This catalogue was produced with attention to details to provide you valuable product information. However, as we continue to develop and design products there may be the possibility of printing or typing errors.

All data and measurements are without guarantees. We reserve the right to make technical modifications at any time without prior notification.

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Any Questions or concerns? Please do not hesitate to contact the Mosmatic team.

ABOUT US

Mosmatic AG is a family owned and operated business that was founded in 1978. Our company name is put together of the first location of manufacture, a town named Mosnang, and the word automatic. (Mosnang Automatic = Mosmatic). After a few years of operation and growth our headquarters moved to a new and larger facility in Necker where we are still located today.

Mosmatic AG is a manufacturer based in Switzerland. For more than 40 years we successfully supply quality products for carwash industry, rotary unions and high pressure industries. At the place of the business we manufacture the entire range of our products and also handle a big part of the distribution of our global network.

Mosmatic is proud to process premium materials by using the latest technology machinery to produce high quality components and products. We market ready-made products for reselling and also offer customized solutions in state-of-the-art design. Reliability and the positive experience of using our products are due to continued improvements towards design, efficiency and durability.

Patrick Rieben (Managing Director):

"For us Quality is not just a slogan, but the bench mark for our efforts, priorities and goals."

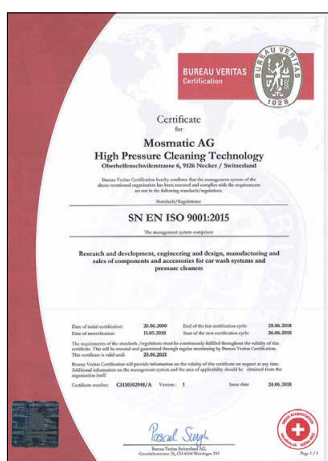


GREEN LINE

Switzerland is one of the countries with the strictest environmental regulations worldwide. We are not just following those regulations but going beyond them. As manufacturer of rotary unions, car wash and high pressure equipment we are well aware of our responsibility towards nature. The green leaf represents our dedication towards the sustainability of Mosmatic products and processes.



Infographic as PDF



SN EN ISO 9001:2015 Certificate

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HP Couplings - Page 93



Wheelblaster Pro ø140 - Page 32



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Brush Head Complete with 1/2"NPT input - Page 28



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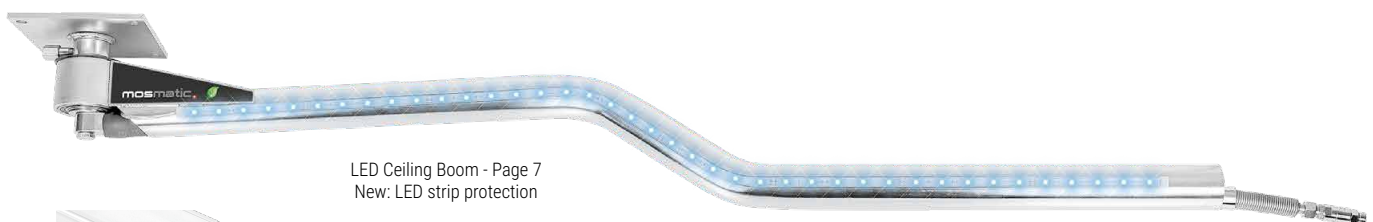


WDE - Page 70



Extension for WBP - Page 32

UPGRADES



LED Ceiling Boom - Page 7
New: LED strip protection



Splash guard - Page 34
New: With rubber stopper

Our goal:

**To provide products that have appearance and performance alike,
offering value to you and your customer.**

CAR WASH

Mosmatic Self-Service Car Wash

As the inventor of the Z-Ceiling booms, Mosmatic's innovations have helped to develop the most diverse line of ceiling and wall booms available today. The uniform appearance of the complete line along with their unsurpassed durability and ease of operation have made us the top choice and go to company for industrial and business professionals alike. Mosmatic's focus has always been to design, build and sell only the best products on the market.

Automatic Car and Tunnel Washes

OEM's, service technicians and business owners know they can trust and rely on the quality of Mosmatic products. Designed to handle, and withstand the harsh wash environment, our products have proven they can and will perform to the highest standards. From concept, design and system upgrades let us be the number one source for you.

Commercial Vehicle Wash

Industrial, performance grade solutions for the most demanding washes. From wheel washers, to undercarriage and those odd long distance hard to reach areas Mosmatic offers solutions to accommodate your needs. From smaller low volume applications to much larger high volume washes, our component selection is sure to have something to fit your needs.

Accessories

Marketing and name brands, combined with reliable quality products, show your customers that you are not only a provider but a partner in the industry.



CEILING BOOM Z-SERIES



- ✓ 360° smooth rotation rated to 4000psi
- ✓ Rated to 4000psi
- ✓ Multiple booms with center rotation points
- ✓ Polished stainless steel (INOX)
- ✓ Clean and classic appearance

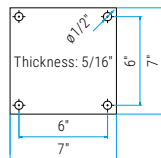
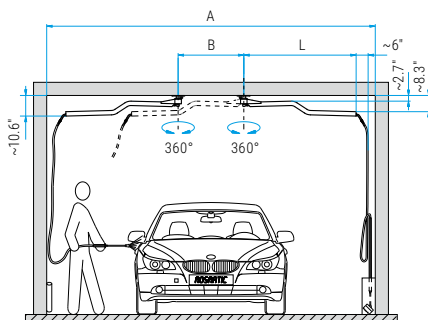
The ideal solution for self-service car washes. The unique shape of Mosmatic Z-boom allows the installation of multiple ceiling booms in a wash bay. This makes it possible to add additional services such as foam applications and Air Drying ceiling mount and increases your profits.



DKZ

Part No.	L	A	B	C	D	Weight
65.009	4'9"	14'	34"	55"	28"	22 lbs
65.019	5'1"	15'	36"	59"	30"	23 lbs
65.029	5'5"	16'	38"	63"	32"	24 lbs
65.039	5'9"	17'	40"	67"	34"	26 lbs

Part No. includes one ceiling boom.



Bearable load for each bore at least 30'000 N (for example 1/2" bolt)

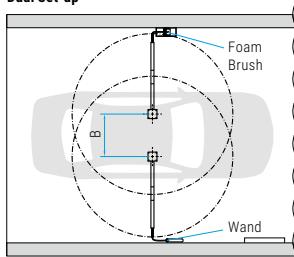
TECHNICAL DATA

Pressure	4000 psi (27.5 MPa)
Temperature	250°F
Inlet (top & side)	3/8" NPTF (other options available)
Outlet	3/8" NPTF (other options available)
Throughput medium	water, oil, air at pH 3-12

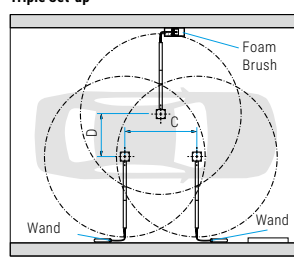


environmentally friendly products

Dual Set-up

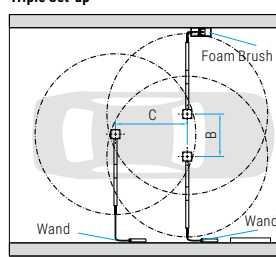


Triple Set-up*

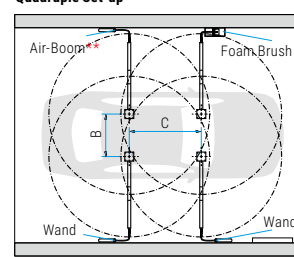


* not suitable for mounting bracket 65.903

Triple Set-up



Quadruple Set-up



** in conjunction with air boom DKZ booms must be extended with part no. 902.753.

Legend

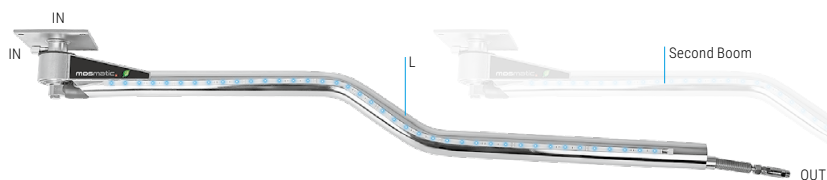
M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects, SV = profile ring fitting
D = diameter, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

CEILING BOOM WITH LED LIGHTING



- ✓ Modern visual effects
- ✓ Visualize the wash cycles
- ✓ Additional lighting for the wash bay
- ✓ Stand out above competition

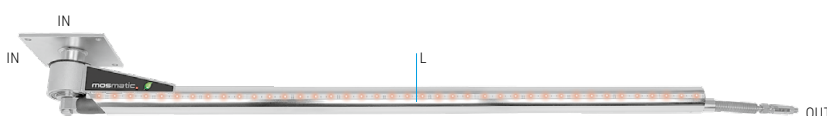
The worlds first for the self-service car wash. The LED Boom can be synchronized with your wash cycle to visualize your wash program. The LED ceiling boom is not only an eye-catcher for self-service car washes, but also provides additional lighting for the bay adding safety for your clients. This product should be installed by a certified electrician.



DKZbl (without Control Box)

Part No.	L	A	B	Weight
65.209	4'9"	14"	34"	23 lbs
65.219	5'1"	15"	36"	24 lbs
65.229	5'3"	16"	38"	25 lbs
65.239	5'9"	17"	40"	27 lbs

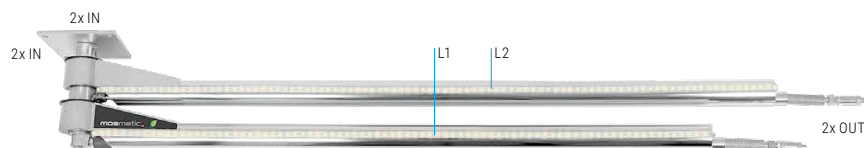
Part No. includes one ceiling boom.



DKPbl (without Control Box)

Part No.	L	Weight
66.209	4'9"	21.2 lbs
66.219	5'3"	21.8 lbs
66.229	5'9"	22.5 lbs
66.239	6'3"	23.1 lbs
66.249	6'9"	23.8 lbs

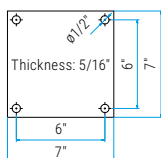
Part No.	L	Weight
66.259	7'6"	24.5 lbs
66.269	8'2"	25.1 lbs
66.279	9'	25.8 lbs
66.289	9'10"	26.5 lbs



DDPbl (without Control Box)

Part No.	L1	L2	Weight
67.609	4'9"	5'3"	41.0 lbs
67.619	5'3"	5'9"	41.7 lbs
67.629	5'9"	6'3"	42.3 lbs
67.639	6'3"	6'9"	43.0 lbs
67.649	6'9"	7'6"	43.7 lbs
67.659	7'6"	8'2"	46.5 lbs

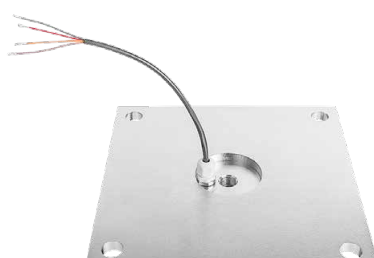
When using high and low pressure, we recommend to connect the low pressure to the upper boom.



Bearable load for each bore at least 30'000 N (for example 1/2" bolt)

Energy ring connection

Color	Voltage	Feature
Black	positiv (+)	Power supply
Red	negativ (-)	controls red signal
Orange	negativ (-)	controls green signal
Brown	negativ (-)	controls blue signal



LED-Control Box

Part No.	Includes
65.975	Controller, power supply, remote control, receiver with housing, for maximum 2x booms

TECHNICAL DATA

Pressure	4000 psi (27.5 MPa)
Temperature	250°F
Inlet (top & side)	3/8" NPTF (other options available)
Outlet	3/8" NPTF (other options available)
Operating voltage	24V
Light intensity	120 lx
Amount	30 x LED/39"
IP Code	IP66
Throughput medium	water, oil, air at pH 3-12



Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conival, QV = quick connects, SV = profile ring fitting
D = diameter, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

- The classic straight ceiling boom has uses in many industrial fields. A few examples are car wash, food processing, mining and manufacturing. A real all-around product with versatile applications anywhere liquids, air or gas are used.



Part No.	L	Weight
66.009	4'9"	21 lbs
66.019	5'3"	22 lbs
66.029	5'9"	22.5 lbs
66.039	6'3"	23 lbs
66.049	6'9"	24 lbs

Part No.	L	Weight
66.059	7'5"	24.5 lbs
66.069	8'2"	25 lbs
66.079	9'	26 lbs
66.089	9'10"	27 lbs
66.099	19'0"	39.5 lbs



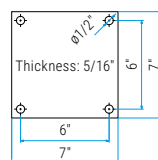
Part No.	L	Weight
66.509	4'9"	22.5 lbs
66.519	5'3"	23 lbs
66.529	5'9"	23.4 lbs
66.539	6'3"	25.8 lbs
66.549	6'9"	25.3 lbs

Part No.	L	Weight
66.559	7'5"	26.4 lbs
66.569	8'2"	27 lbs
66.579	9'	28.4 lbs
66.589	9'10"	30.2 lbs

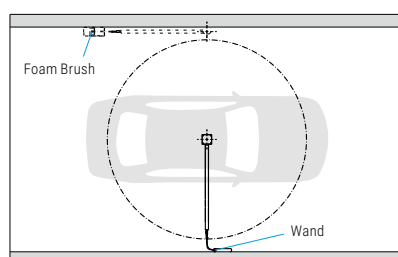
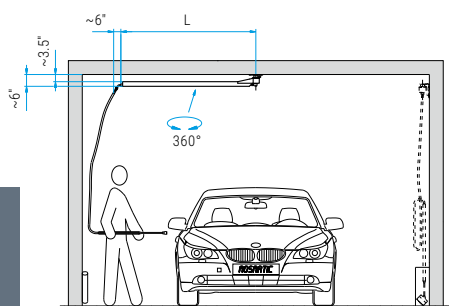


Part No.	L	Weight
66.451	4'9"	24 lbs
66.452	5'3"	25 lbs
66.453	5'9"	25.5 lbs
66.454	6'3"	26 lbs
66.455	6'9"	27 lbs

Part No.	L	Weight
66.456	7'5"	27.5 lbs
66.457	8'2"	28 lbs
66.458	9'	29 lbs
66.459	9'10"	30 lbs



Bearable load for each bore at least
30'000 N (for example 1/2" bolt)



Pressure	4000 psi (27.5 MPa)
Temperature	250°F
Inlet (top & side)	3/8" NPTF (other options available)
Outlet	3/8" NPTF (other options available)
Throughput medium	water, oil, air at pH 3-12

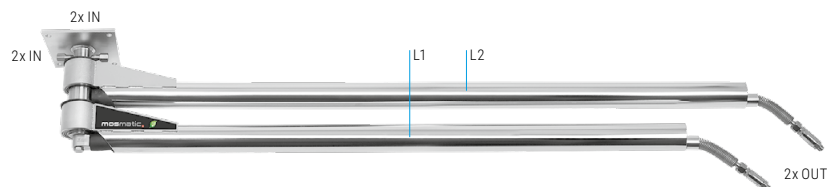


DUAL CEILING BOOM



- ✓ A classic for the prep station
- ✓ Delivered ready for installation
- ✓ 2x 360° booms on one stem

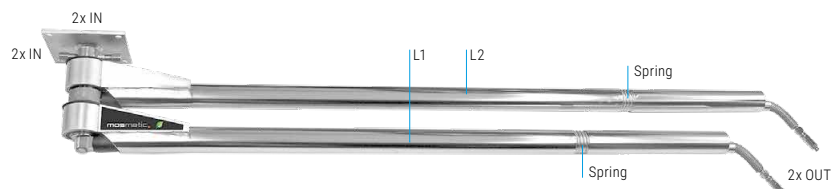
The dual ceiling boom is commonly installed as tunnel prep, detail or fleet wash applications. This is the area where they are most frequently used. If used in a self-service car wash, we recommend to connect the foam brush to the upper boom and the high pressure wand to the lower boom.



When using high and low pressure, we recommend to connect the low pressure to the upper boom.

DDP

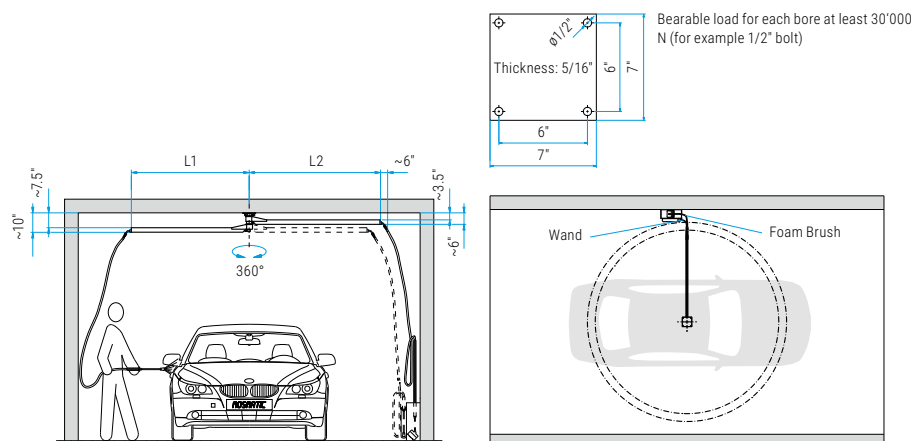
Part No.	L1	L2	Weight
67.409	4'9"	5'3"	39 lbs
67.419	5'3"	5'9"	41 lbs
67.429	5'9"	6'3"	42 lbs
67.439	6'3"	6'9"	44 lbs
67.449	6'9"	7'5"	46 lbs
67.459	7'5"	8'2"	48 lbs



When using high and low pressure, we recommend to connect the low pressure to the upper boom.

DDF (with flex-arm)

Part No.	L1	L2	Weight
63.409	4'9"	5'3"	40 lbs
63.419	5'3"	5'9"	41 lbs
63.429	5'9"	6'3"	43 lbs
63.439	6'3"	6'9"	45 lbs
63.449	6'9"	7'5"	49 lbs
63.459	7'5"	8'2"	52 lbs



TECHNICAL DATA

Pressure	4000 psi (27.5 MPa)
Temperature	250°F
Inlet (top & side)	3/8" NPTF (other options available)
Outlet	3/8" NPTF (other options available)
Throughput medium	water, oil, air at pH 3-12



Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conival, QV = quick connects, SV = profile ring fitting
D = diameter, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

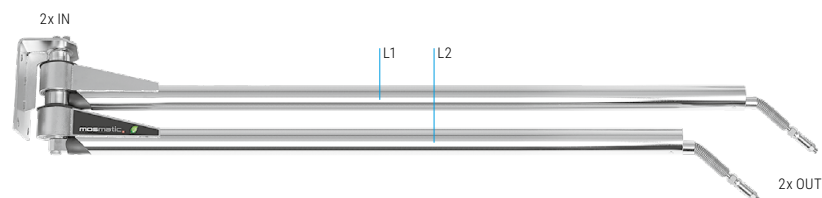
- ✓ 180° smooth rotation
- ✓ Insulated HP-hose
- ✓ Multiple industry application

Wall-mounted booms are ideal for outdoor areas or in wash bays where ceiling mounts are not an option. The wall bracket is designed for the boom to return to the resting position you selected.



WAE (with HP-hose)

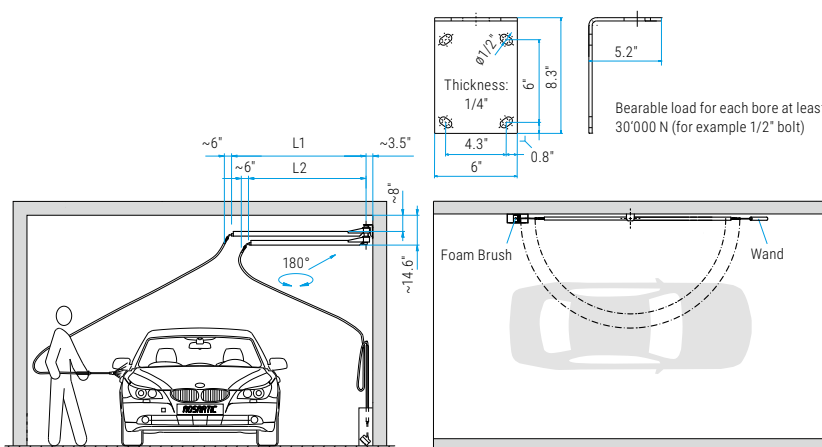
Part No.	L	Weight
68.509	4'9"	22 lbs
68.519	5'3"	24 lbs
68.529	5'9"	24 lbs
68.539	6'3"	24 lbs
68.549	6'9"	25 lbs
68.559	7'5"	26 lbs
68.569	8'2"	27 lbs
68.579	9'	29 lbs
68.589	9'10"	31 lbs



WAD

Part No.	L1	L2	Weight
61.409	5'3"	4'9"	42 lbs
61.419	5'9"	5'3"	43 lbs
61.429	6'3"	5'9"	43 lbs
61.439	6'9"	6'3"	44 lbs
61.449	7'5"	6'9"	45 lbs
61.459	8'2"	7'5"	48 lbs

When using high and low pressure, use upper boom for low pressure.



TECHNICAL DATA

Pressure	4000 psi (27.5 MPa)
Temperature	250°F
Inlet (top & side)	3/8" NPTF (other options available)
Output	3/8" NPTF (other options available)
Throughput medium	water, oil, air at pH 3-12

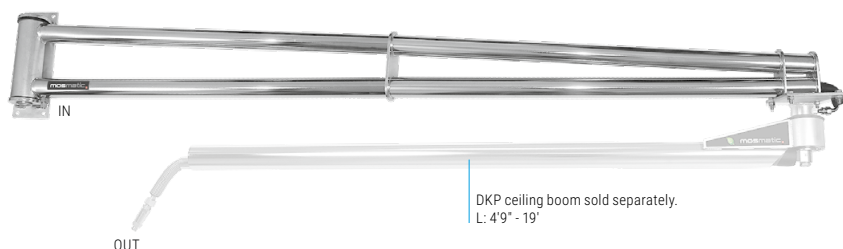
 environmentally friendly products

Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects, SV = profile ring fitting
D = diameter, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

- ✓ Smooth, comfortable operation
- ✓ Extended work radius
- ✓ Solid construction

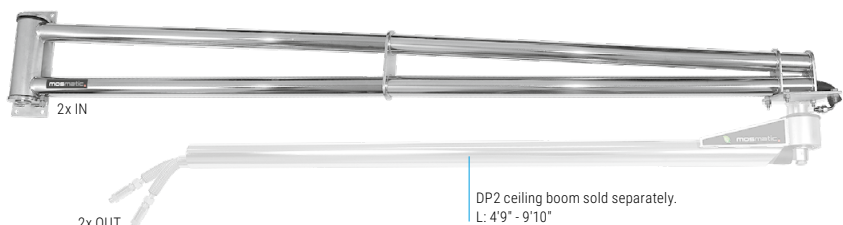
Whenever extended lengths and maximum flexibility are required, the wall-boom-extension is perfect for the job. Prime examples are truck wash bays, mining facilities, air craft maintenance and manufacturing plants. When combined correctly, a working radius of 39' is possible.



WSA (1 inner pipe = 1 inlet)

Part No.	B	L max.	Weight
60.522	6'8"	6'3"	53 lbs
60.532	8'2"	7'5"	56 lbs
60.542	9'10"	9'	63 lbs
60.983	14'9"	9'10"	114 lbs
60.930	19'8"	19'8"	127 lbs

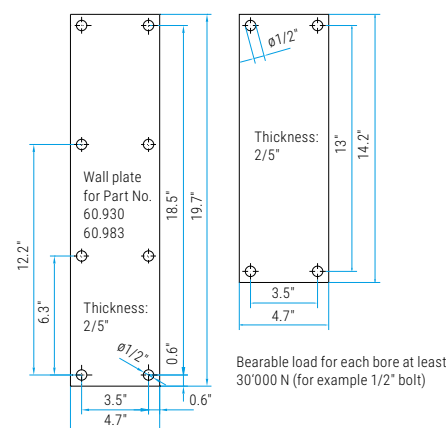
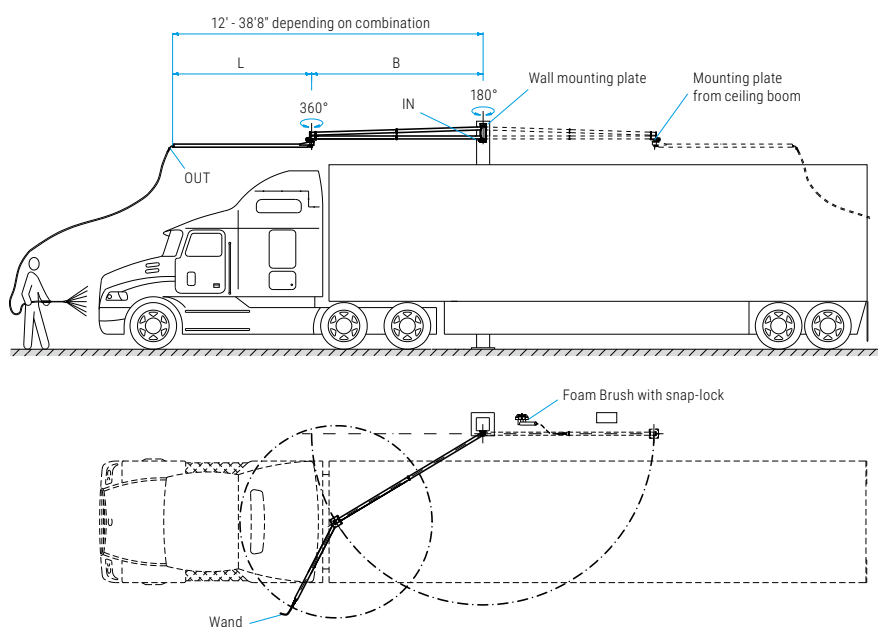
Add ceiling boom: DKP



WSA-2R (2 inner pipes = 2 inlets)

Part No.	B	L max.	Weight
60.910	6'8"	6'3"	55 lbs
60.911	8'2"	7'5"	60 lbs
60.912	9'10"	9'	66 lbs

Add ceiling boom: DP2




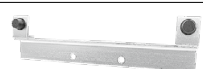
TECHNICAL DATA


Pressure	4000 psi (27.5 MPa)
Temperature	250°F
Inlet (bottom)	3/8" NPTF (other options available)
Outlet	3/8" NPTM (other options available)
Throughput medium	water, oil, air at pH 3-12


Legend


M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conival, QV = quick connects, SV = profile ring fitting
D = diameter, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position


Axle Extension	Part No.	Weight	
for ceiling booms, stainless steel extended by 30"	902.293	35.6 lbs	


Bracket	Part No.	Weight	
with bumpers, stainless steel, for WAE	68.952	3.3 lbs	


Break-Away Fitting	Part No.	Weight	
IN 3/8" NPTM, OUT 3/8" NPTF 5800 psi, brass nickel plated	52.903	0.2 lbs	
IN R1/4" M, OUT G1/4" F 5800 psi, brass nickel plated	52.904	0.2 lbs	
IN R3/8" M, OUT G3/8" F 5800 psi, brass nickel plated	52.905	0.2 lbs	


Bumper	Part No.	Weight	
for boom, ø2.4"	65.989	0.02 lbs	


Extension	Part No.	Weight	
for ceiling booms, stainless steel extends by 2"	902.753	9.5 lbs	
for ceiling booms, stainless steel extends by 4"	902.752	11.2 lbs	
for ceiling booms, stainless steel extends by 8"	901.875	14.5 lbs	
for ceiling booms, stainless steel extends by 16"	901.876	22.0 lbs	


HP-Hose	Part No.	Weight	
NW 3/8", standard car wash hose			
4', IN 3/8" NPTM, OUT 3/8" NPTM	90.073	0.9 lbs	
15', IN 3/8" NPTM, OUT 3/8" NPTM	90.074	3.9 lbs	
20', IN 3/8" NPTM, OUT 3/8" NPTM	90.075	4.6 lbs	


HP-Hose Comfort	Part No.	Weight	
NW 3/8", lightweight construction, inner core PES			
12', IN 3/8" NPTM, OUT 3/8" NPTM	90.089	1.1 lbs	
14', IN 3/8" NPTM, OUT 3/8" NPTM	90.088	1.3 lbs	
16', IN 3/8" NPTM, OUT 3/8" NPTM	90.090	1.3 lbs	

LED-Control Box	Part No.	Weight	
for maximum 2x booms Includes: Controller, power supply, remote control, receiver with housing	65.975	1.3 lbs	

Mounting Bracket	Part No.	Weight	
for DKZ, stainless steel 47" / 9" / 2" (L / W / H)	65.903	29.0 lbs	
for DKZ, stainless steel 75" / 9" / 2" (L / W / H)	65.988	46.3 lbs	

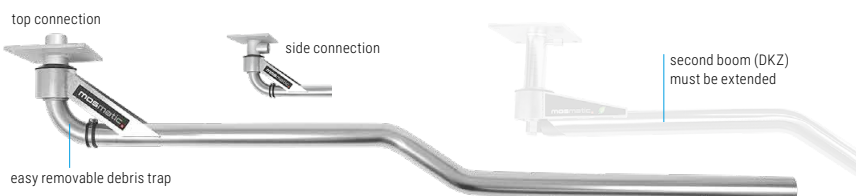
Positioning Device	Part No.	Weight	
with magnet, height adjustable	65.911	2.0 lbs	

Three Way Valve	Part No.	Weight	
for DP2, IN 2x 3/8" NPTF, OUT 3/8" NPTF	90.065	1.3 lbs	

Wall Bracket Universal	Part No.	Weight	
for ceiling booms, stainless steel	65.940	6.6 lbs	

- ✓ 180° or 360° smooth rotation
- ✓ Top, bottom or side port connections
- ✓ Can be combined with other Mosmatic booms
- ✓ For use with air dryers or vacuum systems

Using Mosmatic Air-System Booms will not only keep your hoses off the ground, but stops the customer from dragging wet and dirty hoses onto their vehicles. Available in: wall, floor or ceiling mount. For use with a vacuum or Mosmatic Air-Dry.



LU-DZ (Air-boom «Z» for ceiling installation)

Part No.	L	ø	Connection	Weight
60.324	5'1"	2"	side	19 lbs
60.326	5'1"	2"	top	18 lbs

Part No. includes one boom.



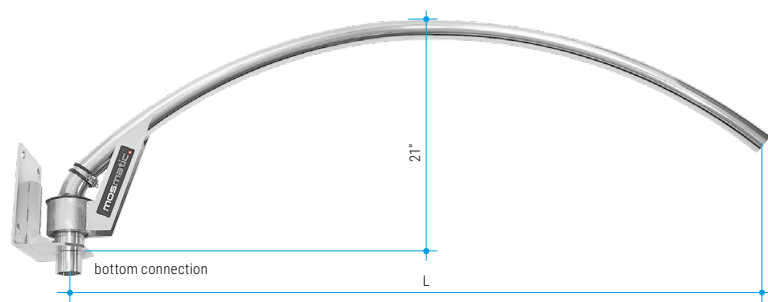
LU-D (Air-boom straight, for ceiling installation)

Part No.	L	ø	Connection	Weight
60.301	5'3"	1.5"	side	17 lbs
60.306	5'3"	1.5"	top	18 lbs
60.310	5'3"	2"	side	17 lbs
60.313	5'3"	2"	top	18 lbs



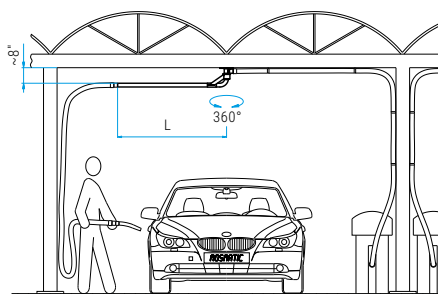
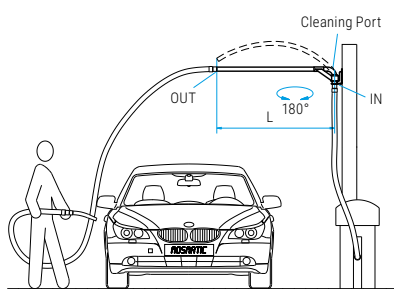
LU-W (Air-boom straight, for wall installation)

Part No.	L	ø	Connection	Weight
60.302	5'3"	1.5"	bottom	17 lbs
60.311	5'3"	2"	bottom	18 lbs

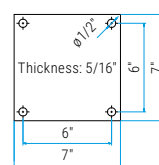


LU-WB (Air-boom curved, for wall installation)

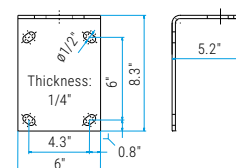
Part No.	L	ø	Connection	Weight
60.958	5'7"	2"	bottom	19 lbs



LU-D / LU-DZ



LU-W / LU-WB



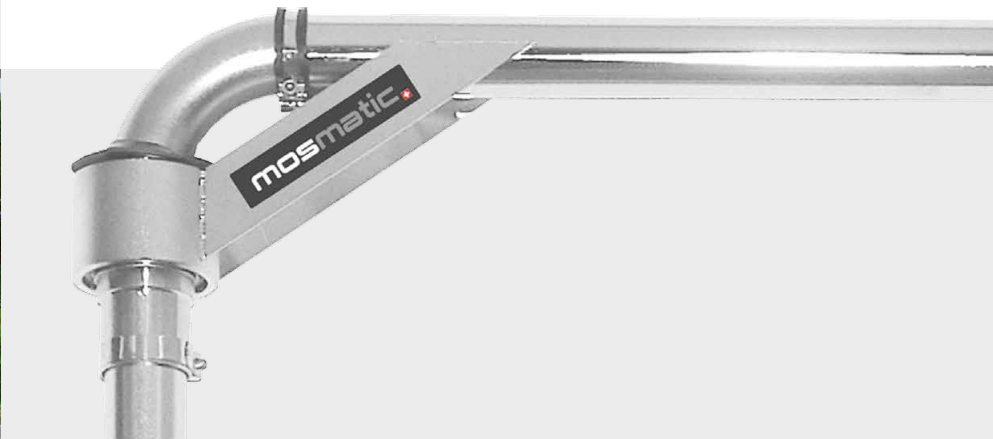
Bearable load for each bore at least 30'000 N (for example 1/2" bolt)

Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conival, QV = quick connects, SV = profile ring fitting
D = diameter, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

- ✓ 180° or 360° smooth rotation
- ✓ Polished stainless steel
- ✓ Solid construction
- ✓ Ideal for vacuum islands

Mosmatic free standing floor mounted air-booms allow you the convenience of placing your boom where you need it. Choose between a 180° or 360° rotation.



LU-B (Air system stand 360°)

Part No.	Ø	Weight
60.303	1.5"	38 lbs
60.312	2"	48 lbs

Air-system boom included.

LU-S (Air system stand 360°)

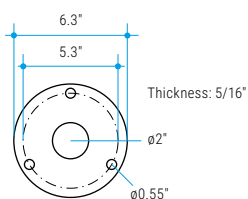
Part No.	Ø	Weight
60.971	2"	21 lbs

Air-system boom included.
Mount on standalone vacuum.

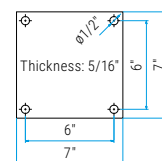
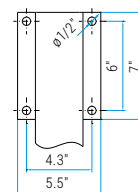
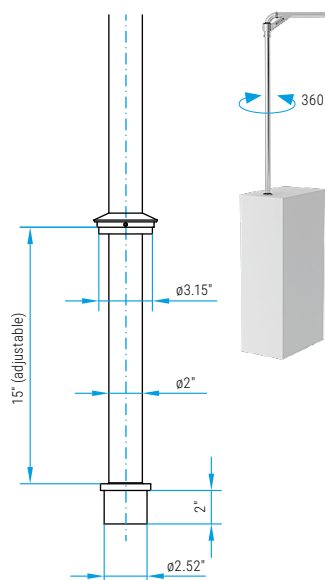
LU-Z (Air system stand 180°)

Part No.	Weight
60.318	53 lbs

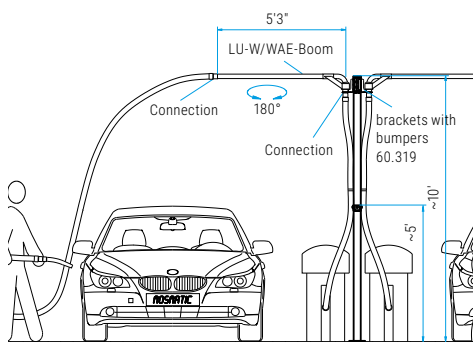
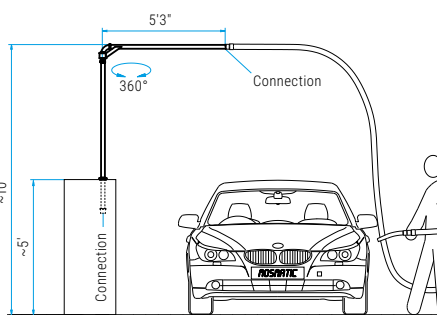
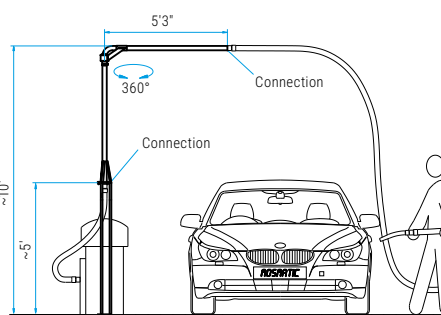
Without Air-boom, suitable for
2x LU-W or WAE.



Bearable load for each bore at least
30'000 N (for example 1/2" bolt)



Bearable load for each bore at least
30'000 N (for example 1/2" bolt)



MOSMATIC DRYER

- ✓ In bay or island self serve drying
- ✓ Quick and streak-free drying
- ✓ Additional source of income



Mosmatic Dry is the new, profit-generating attraction in self-service car wash systems. It dries vehicles, motorcycles and boats efficiently and leaves any type of vehicle streak free in the summer and winter. Gentle on your vehicles finish.



MOSMATIC DRY

Dryer unit suitable for all Mosmatic Air-booms. A new attraction in your wash bay.

Part No.	Weight
60.397	70 lbs

Universal dryer used for cars, motorcycles and boats. For wall or ceiling installations. Also installs directly to your car wash vac using universal mounting plate. Mosmatic Dry needs to be installed under a roof.

- Ready for installation:
- dryer with 120VAC (illuminated)
 - 2 x 7 ampere motors
 - air-gun
 - gun-holder (wall mount)
 - hose (15')
 - hose (2'5"), connects housing to boom
 - operator guide plaque
 - installation instructions

DRYER PACKAGES

Part No.	Includes
60.929	Ceiling Boom (5'1"), 90° Pipe, Pulley, Mosmatic Dry (blue), Gun/-holder, Hoses
60.931	Wall Boom (5'3"), Mosmatic Dry (blue), Gun/-holder, Hoses
60.961	Wall Boom (5'3"), Mosmatic Dry (red), Gun/-holder, Hoses



■ Legend
M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conival, QV = quick connects, SV = profile ring fitting
D = diameter, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

Air System Boom (40") ø1.5" for wall mounting, 45° bent stainless (INOX)	Part No. 60.925	Weight 14.3 lbs	
Bracket with bumpers, for LU	Part No. 60.319	Weight 6.4 lbs	
Extension (3'3") ø1.5", 1x Pipe clamp included	Part No. 60.304	Weight 3.5 lbs	
ø2", 1x Pipe clamp included	Part No. 60.315	Weight 4.1 lbs	
Extension (24") ø2", 1x Pipe clamp included	Part No. 60.321	Weight 3.5 lbs	
Mosmatic Mat holder for wall mounting, INOX	Part No. 90.050	Weight 1.0 lbs	
Mounting Bracket for DKZ, stainless steel 47"/9"/2" (L/W/H)	Part No. 65.903	Weight 29.0 lbs	
for DKZ, stainless steel 75"/9"/2" (L/W/H)	Part No. 65.988	Weight 46.3 lbs	
Pipe clamp with bar and rubber ø1.5" for air system	Part No. 902.480	Weight 0.11 lbs	
ø2" for air system	Part No. 902.432	Weight 0.13 lbs	
Pulley 4'11" wire rope, pulling force up to 30N	Part No.	Weight	
ø1.5", 2x Pipe clamp included	Part No. 60.307	Weight 1.8 lbs	
ø2", 2x Pipe clamp included	Part No. 60.320	Weight 1.8 lbs	
Sign for Mosmatic Dryer Bay instructional 16.5"/23.4"/0.08", Forex	Part No. 902.877	Weight 0.6 lbs	
Swivel coupling ø1.5", INOX, 1x Pipe clamp included	Part No. 60.308	Weight 0.9 lbs	
ø2", INOX, 1x Pipe clamp included	Part No. 60.323	Weight 1.1 lbs	
90° Pipe ø1.5", 1x Pipe clamp included	Part No. 60.305	Weight 0.9 lbs	
ø2", 1x Pipe clamp included	Part No. 60.314	Weight 0.9 lbs	

- ✓ Everything for one-stop shopping
- ✓ Air-System boom option
- ✓ Complete package for self-service car wash



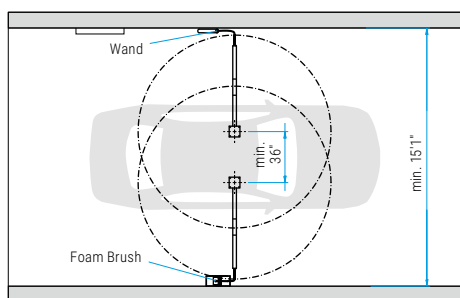
Equip your self-service car wash with the Mosmatic bay-package. Packages contain all the components to complete your self serve bays to have that finished clean appearance and functionality.

2 Packages, 4 Possibilities

Easy combine:

- Dual Set-up
- Triple Set-up
- Dual Set-up with MOSMATIC DRY
- Triple Set-up with MOSMATIC DRY

Products suited for Water Recycling

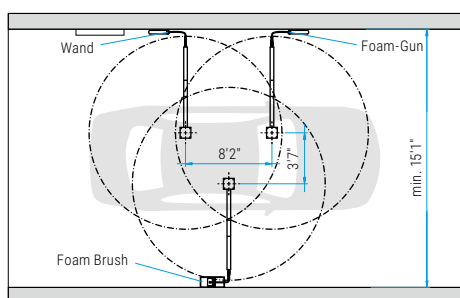


Dual Set-up

Part No. 65.937

Contains

Part No.	Quantity	Description
65.019	2x	DKZ-Boom, 5'1", polished
26.980	1x	Wand straight, 20"/8", with nozzle guard
2507	1x	High pressure nozzle 2507
32.564	1x	DGV gun swivel, 3/8" NPTF - 3/8" NPTM
29.097	1x	Wand-Holder spring model, with recovery port, floor mounted, stainless steel
29.082	1x	HP-Gun with weep-system, 4500psi, 300°F
25.922	1x	Brush Wand straight, 41"/32", swiveling
29.027	1x	Brush-Bucket wall- and floor mounted, 2" drain plug with overflow, stainless steel
90.050	2x	Mat-holders, stainless steel
90.090	2x	HP-hose comfort, NW 1/4", 2900 psi, 140°F, length: 15'5"

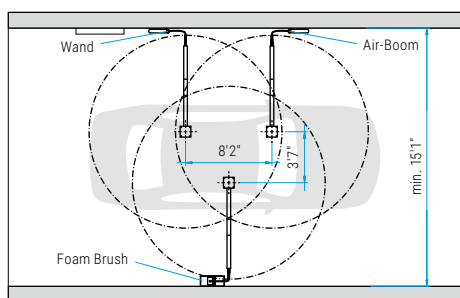


Triple Set-up

Part No. 65.938

Contains

Part No.	Quantity	Description
65.019	3x	DKZ-Boom, 5'1", polished
26.980	1x	Wand straight, 20"/8", with nozzle guard
2507	1x	High pressure nozzle 2507
32.564	1x	DGV gun swivel, 3/8" NPTF - 3/8" NPTM
29.097	1x	Wand-Holder spring model, with recovery port, floor mounted, stainless steel
29.082	1x	HP-Gun with weep-system, 4500psi, 300°F
25.922	1x	Brush Wand straight, 41"/32", swiveling
29.027	1x	Brush-Bucket wall- and floor mounted, 2" drain plug with overflow, stainless steel
29.085	1x	Foam Gun
5040	1x	High pressure nozzle 5040
29.084	1x	Foam gun holder, wall mount
90.050	2x	Mat-holders, stainless steel
90.090	2x	HP-hose comfort, NW 1/4", 2900 psi, 140°F, length: 15'5"



MOSMATIC DRY Add-on to Dual Set-up

Part No. 60.929

Contains

Part No.	Quantity	Description
60.326	1x	Air-Boom 2", 5'3", Ceiling-mounted
60.314	1x	90° elbow, 2", including clamp, INOX
60.320	1x	Pulley, including clamp
60.397	1x	MOSMATIC DRY „Dryer“, wall-model, 110VAC

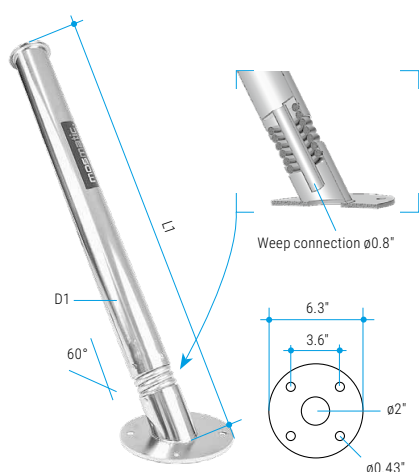
For a more compact installation use extension shaft 902.753.

Legend

M... = metric thrust, .M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects, SV = profile ring fitting
D = diameter, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

- ✓ High-quality workmanship
- ✓ Polished stainless steel
- ✓ Solid construction

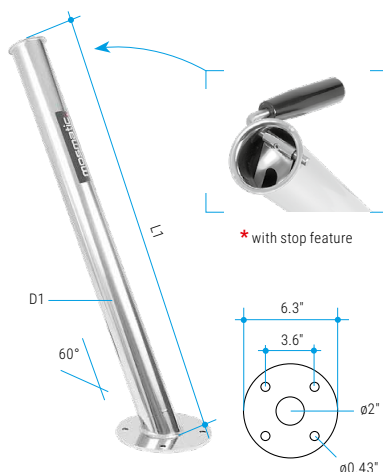
Only Mosmatic offers you such an extensive variety of wand holders. Solid construction and high quality materials enhance their function and appearance that increases the value of your wash bay.



Wand holder

spring model, floor mounted, with weep connection

Part No.	L1	D1	Weight
29.097	27.8"	2.4"	6.8 lbs
29.121	33.7"	2.4"	8.4 lbs

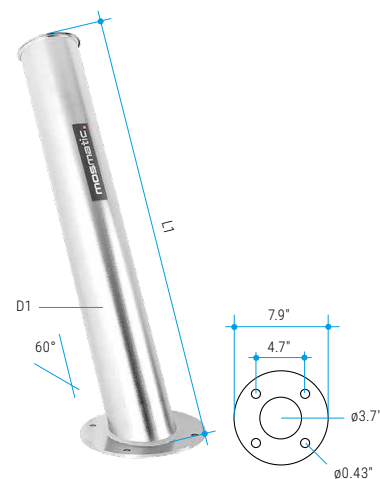


Wand holder

with weep connection 0.8", floor mounted

Part No.	D1	L1	Weight
29.028*	2.4"	29.1"	6.0 lbs
29.113	2.4"	29.1"	5.1 lbs

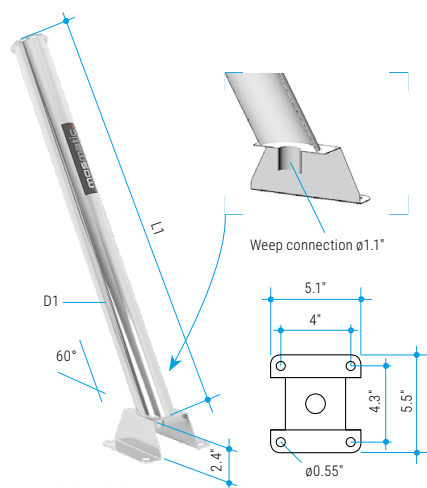
29.975 Stop feature replacement set



Wand holder

with weep connection 0.8", floor mounted

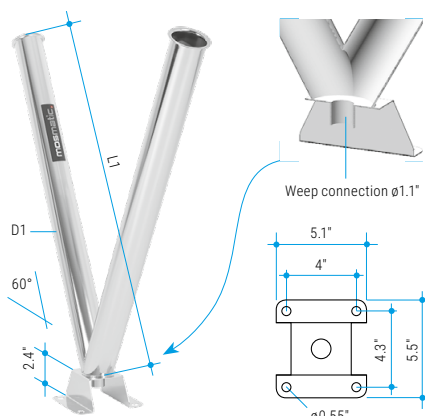
Part No.	D1	L1	Weight
29.127	3.9"	28.3"	7.9 lbs



Wand holder

with weep connection, floor mounted

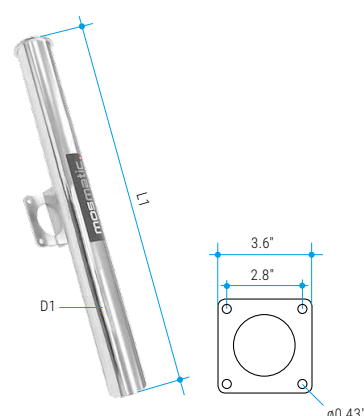
Part No.	L1	D1	Weight
29.115	29"	2.4"	4.4 lbs



Dual wand holder

with weep connection, floor mounted

Part No.	L1	D1	Weight
29.124	29"	2.4"	8.8 lbs



Wand holder

wall mounted

Part No.	L1	D1	Weight
29.083	23.2"	2.4"	3.7 lbs
29.128	8"	2.4"	2.0 lbs

Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conival, QV = quick connects, SV = profile ring fitting
D = diameter, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

BRUSH BUCKET

- ✓ Polished stainless steel
- ✓ Rugged design
- ✓ Solid construction
- ✓ High-quality workmanship
- ✓ Delivered ready to install



Mosmatic Brush buckets are made of stainless steel and come complete with wash out debris collectors. The high quality workmanship and state of the art design, upgrade your wash bay both visually and functionally.



Brush bucket

wall- and floor mounted, polished stainless steel, 2" drain

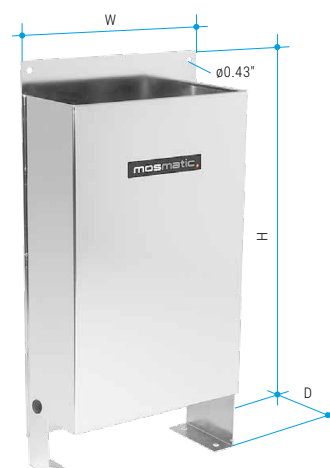
Part No.	W	H	D	Weight
29.026	13.4"	26.8"	5.6"	18 lbs



Brush bucket

wall- and floor mounted with overflow, polished stainless steel, 2" drain

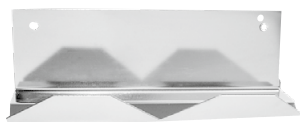
Part No.	W	H	D	Weight
29.027	13.4"	26.8"	5.6"	18.5 lbs



Brush bucket

wall- and floor mounted with overflow, polished stainless steel, 2" drain, with a connection at the back

Part No.	W	H	D	Weight
29.114	13.4"	26.8"	6.4"	18.5 lbs



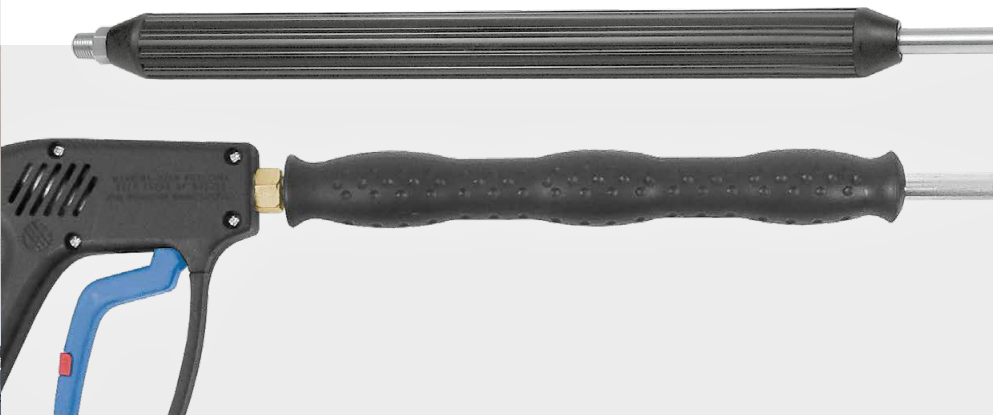
Brush holder

for all sorts of brushes, wall mounted

Part No.	W	H	D	Weight
29.030	9.8"	3.5"	3.9"	1.1 lbs

- ✓ High-quality workmanship
- ✓ Polyurethane grip
- ✓ Delivered ready for installation

Mosmatic wands made of high quality stainless steel are the standard for your wash bay. The solid construction and the unique workmanship ensure longevity and value. Each wand has a modular design which allows for individual customer requirements. You choose the in-put out-put, length, grip and matching accessories to suit your needs.



TECHNICAL DATA

Pressure	4000 psi (27.5 MPa)
Temperature	250°F
Nominal width	1/4"
Throughput medium	pH 3-12

Mosmatic LAN-C (Classic)

Part No.	L	GL	G1	WS	DG	IN	OUT	Weight
26.980	30"	8"	straight	---	---	1/4" NPTM	G3/8" M + 1/8" NPTF	1.1 lbs
26.981	30"	8"	bent	---	---	1/4" NPTM	G3/8" M + 1/8" NPTF	1.1 lbs
26.982	41"	32"	straight	---	---	1/4" NPTM	G3/8" M + 1/8" NPTF	1.4 lbs
26.983	41"	32"	bent	---	---	1/4" NPTM	G3/8" M + 1/8" NPTF	1.4 lbs

25.905	37.5"	32"	bent	---	---	1/4" NPTM	1/2" NPTM	1.5 lbs
25.906	37.5"	32"	bent	---	---	1/4" NPTF	1/2" NPTM	1.5 lbs
25.907	37.5"	32"	bent	---	---	3/8" NPTM	1/2" NPTM	1.5 lbs
25.908	37.5"	32"	bent	---	---	3/8" NPTF	1/2" NPTM	1.5 lbs
25.909	37.5"	32"	bent	---	---	1/2" NPTM	1/2" NPTM	1.6 lbs
25.910	37.5"	32"	bent	---	---	1/2" NPTF	1/2" NPTM	1.6 lbs

L = total length, GL = grip length, Nozzles not included.

Mosmatic LAN-P (Pro)

Part No.	L	GL	G1	WS	DG	IN	OUT	Weight
28.520	24"	12"	straight	---	---	G3/8" F	1/4" NPTF	2.2 lbs
28.521	24"	12"	bent	---	---	G3/8" F	1/4" NPTF	2.2 lbs
28.522	24"	12"	straight	yes	---	G3/8" F	1/4" NPTF	2.2 lbs
28.523	24"	12"	bent	yes	---	G3/8" F	1/4" NPTF	2.2 lbs
28.524	24"	12"	straight	yes	yes	G3/8" F	1/4" NPTF	2.5 lbs
28.525	24"	12"	bent	yes	yes	G3/8" F	1/4" NPTF	2.5 lbs
28.530	39"	24"	straight	---	---	G3/8" F	1/4" NPTF	3.1 lbs
28.531	39"	24"	bent	---	---	G3/8" F	1/4" NPTF	3.1 lbs
28.532	39"	24"	straight	yes	---	G3/8" F	1/4" NPTF	3.1 lbs
28.533	39"	24"	bent	yes	---	G3/8" F	1/4" NPTF	3.1 lbs
28.534	39"	24"	straight	yes	yes	G3/8" F	1/4" NPTF	3.4 lbs
28.535	39"	24"	bent	yes	yes	G3/8" F	1/4" NPTF	3.4 lbs

L = total length (without HP-Gun), GL = grip length, Nozzles not included.

Mosmatic LAN-P (Pro)

Part No.	L	GL	G1	WS	DG	IN	OUT	Weight
904.098	13"	12"	straight	---	---	1/4" NPTM	1/4" NPTM	0.7 lbs
902.917	24"	12"	straight	---	---	1/4" NPTM	1/4" NPTM	0.9 lbs
902.964	24"	12"	bent	---	---	1/4" NPTM	1/4" NPTM	0.9 lbs
903.655	28"	12"	straight	---	---	1/4" NPTM	1/4" NPTM	0.9 lbs
902.982	28"	12"	bent	---	---	1/4" NPTM	1/4" NPTM	0.9 lbs
903.118	35"	28"	straight	---	---	1/4" NPTM	1/4" NPTM	1.8 lbs
904.848	35"	28"	bent	---	---	1/4" NPTM	1/4" NPTM	1.8 lbs
902.918	39"	12"	straight	---	---	1/4" NPTM	1/4" NPTM	1.3 lbs
902.981	39"	12"	bent	---	---	1/4" NPTM	1/4" NPTM	1.3 lbs

L = total length, GL = grip length, Nozzles not included.

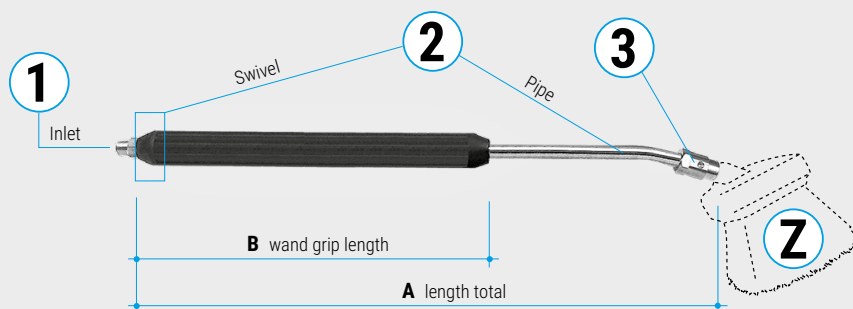
Legend





M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conival, QV = quick connects, SV = profile ring fitting
D = diameter, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

INDIVIDUAL WANDS

- ✓ **Customize to your needs**
- ✓ **Quality craftsmanship**

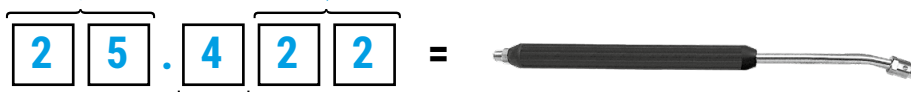
Design your personal high pressure wand. Simply choose the in-put out-put, length, grip and matching accessories to suit your needs. Follow the steps 1, 2 and 3 to get the correct part number.













1	Inlet	No.
	M21 x 1.5 F	21.
	M22 x 1.5 F	22.
	3/8" NPTM conical	25.
	1/4" NPTM conical	26.

		Pipe straight		Pipe bent	
		without Swivel	with Swivel	without Swivel	with Swivel
A	B	No.	No.	No.	No.
10"	8"	01	41	-	-
14"	8"	02	42	22	62
20"	8"	03	43	23	63
26"	16"	04	44	24	64
30"	16"	05	45	25	65
34"	16"	06	46	26	66
34"	32"	07	47	-	-
38"	16"	08	48	28	68
38"	32"	09	49	29	69
41"	16"	10	50	30	70
41"	32"	11	51	31	71
50"	40"	12	52	32	72
60"	51"	13	53	33	73
70"	51"	14	54	34	74
80"	72"	15	55	35	75

Your Part No.



3	Outlet	No.
	Nozzle socket 1/8" NPTF for locking-screw	0
	Nozzle socket 1/8" NPTF for snap-lock	1
	Nozzle socket 1/4" NPTF for locking-screw	2
	Nozzle socket 1/4" NPTF for snap-lock	3
	R1/4" M (R=conical)	4
	Foam injector ø0.1" R1/4" M (R=conical)	5
	Nozzle socket G3/8" M 1/8" NPTF	6
	Nozzle socket ø0.63" 1/4" NPTF	7

Z	Suitable Accessories
29.001	
29.002	
29.003	
29.006	
29.007	
29.010	
29.011	
29.012	
29.013	
29.014	

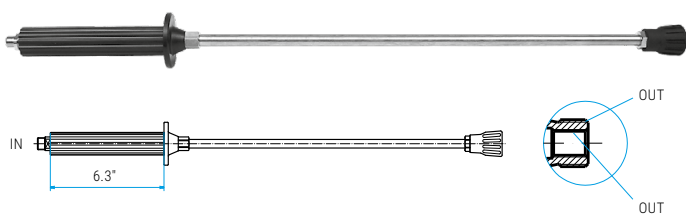
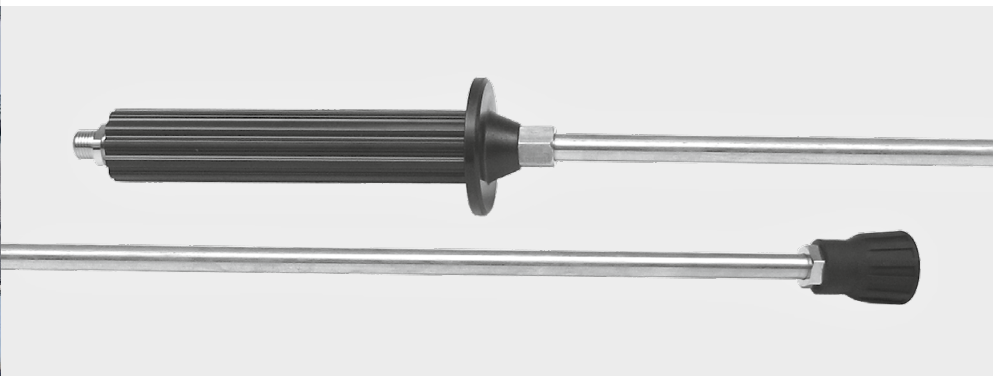
Nozzles not included.

WAND WITH FILTER SIEVE

- ✓ High-quality craftsmanship
- ✓ Polyurethane grip
- ✓ Optimal for recycled water



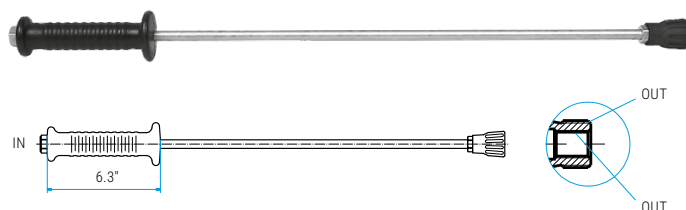
The high quality stainless steel Mosmatic wand with integrated filter. Ideal for an application not using a high pressure gun, connecting the hose directly to the wand.



Mosmatic LAS-C (Classic-Wand with filter sieve, hard plastic handle)

Part No.	L	IN	OUT	Weight
28.201	10"	1/4" NPTM	G3/8" M + 1/8" NPTF	1.0 lbs
28.202	14"	1/4" NPTM	G3/8" M + 1/8" NPTF	1.0 lbs
28.203	20"	1/4" NPTM	G3/8" M + 1/8" NPTF	1.1 lbs
28.204	26"	1/4" NPTM	G3/8" M + 1/8" NPTF	1.1 lbs
28.205	30"	1/4" NPTM	G3/8" M + 1/8" NPTF	1.3 lbs
28.206	34"	1/4" NPTM	G3/8" M + 1/8" NPTF	1.3 lbs
28.251	10"	3/8" NPTM	G3/8" M + 1/8" NPTF	1.0 lbs
28.252	14"	3/8" NPTM	G3/8" M + 1/8" NPTF	1.0 lbs
28.253	20"	3/8" NPTM	G3/8" M + 1/8" NPTF	1.1 lbs
28.254	26"	3/8" NPTM	G3/8" M + 1/8" NPTF	1.3 lbs
28.255	30"	3/8" NPTM	G3/8" M + 1/8" NPTF	1.3 lbs
28.256	34"	3/8" NPTM	G3/8" M + 1/8" NPTF	1.3 lbs
28.301	10"	1/4" NPTM	1/4" NPTF	1.0 lbs
28.302	14"	1/4" NPTM	1/4" NPTF	1.0 lbs
28.303	20"	1/4" NPTM	1/4" NPTF	1.1 lbs
28.304	26"	1/4" NPTM	1/4" NPTF	1.1 lbs
28.305	30"	1/4" NPTM	1/4" NPTF	1.3 lbs
28.306	34"	1/4" NPTM	1/4" NPTF	1.3 lbs
28.351	10"	3/8" NPTM	1/4" NPTF	1.0 lbs
28.352	14"	3/8" NPTM	1/4" NPTF	1.0 lbs
28.353	20"	3/8" NPTM	1/4" NPTF	1.1 lbs
28.354	26"	3/8" NPTM	1/4" NPTF	1.3 lbs
28.355	30"	3/8" NPTM	1/4" NPTF	1.3 lbs
28.356	34"	3/8" NPTM	1/4" NPTF	1.3 lbs

L = total length, Nozzles not included.



Mosmatic LAH-C (Classic-Wand with filter, Polyurethane - molded soft handle)

Part No.	L	IN	OUT	Weight
28.404	26"	G3/8" F	G3/8" M + 1/8" NPTF	1.1 lbs
28.414	26"	G3/8" F	G3/8" M + 1/4" NPTF	1.1 lbs
28.405	30"	G3/8" F	G3/8" M + 1/8" NPTF	1.1 lbs
28.415	30"	G3/8" F	G3/8" M + 1/4" NPTF	1.1 lbs

L = total length
100 pieces or more available with red or blue handles. Nozzles not included.

Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conival, QV = quick connects, SV = profile ring fitting
D = diameter, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

TECHNICAL DATA

Pressure	4000 psi (27.5 MPa)
Temperature	250°F
Nominal width	1/4"
Throughput medium	pH 3-12

- ✓ Perfect for self-service car wash
- ✓ Ergonomic design and easy handling
- ✓ Intensive cleaning also in the food industry



Foam Wand (black)

Part No.	L	WA	IN	Weight
29.123	28"	20"	G3/8" F	2.4 lbs

L = total length, WA = wand length

The foam wand is an ideal complement for special cleaning and facility management. The foam nozzle with air injector produces an optimal foam consistency. This guarantees an easy and quick removal of dirt.

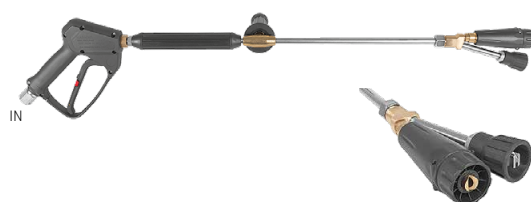


Coax Wand

Part No.	L	LA	IN	Weight
24.930	37"	29"	3/8" NPTF	3.7 lbs

L = total length, WA = wand length

The coax wand is a 2 in 1 product and the ideal complement for special cleaning and facility management. The foam nozzle with air injector creates an optimal foam consistency. The switch over from water to foam on the handle simplifies switching from high to low pressure.

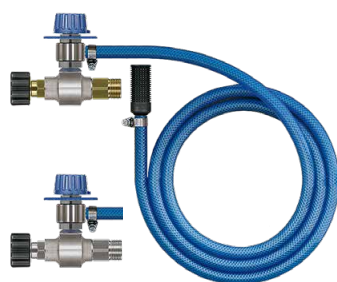


Chemical Regulator

with metering valve

Part No.	L	IN/OUT	Fitting	Size	Weight
90.087	6'7"	M22	brass	1.6	2.0 lbs
90.097	6'7"	M22	stainless steel	1.6	2.0 lbs

The completely stainless steel regulator easily installs between your pressure washer and your high pressure hose. Adjust the chemical dial to determine between thick and thin layers of foam coverage.



Foam Head

Nozzle attachment for normal HP-wands.

Part No.	Material	Color	L	IN	Size	Weight
29.122	brass	black	5"	G1/4" F	1.6	0.3 lbs
29.129	stainless steel	blue	7"	G1/4" F	1.9	0.4 lbs
29.139	brass	black	7"	G1/4" F	1.6	0.4 lbs

Mount the Mosmatic foam head to any existing spray wand. Adjustable flat spray nozzle allows quick adjustment for different foam applications.



TECHNICAL DATA

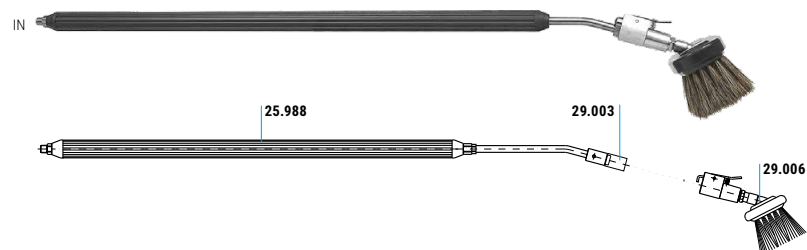
Pressure	4500 psi (31 MPa)
Temperature	212°F
Throughput	max. 12 gpm
Throughput medium	pH 3-12

Legend

M... = metric thrust, .M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects, SV = profile ring fitting
D = diameter, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

FOAM BRUSHES

- ✓ Natural hogs hair (2.4")
- ✓ Rugged design
- ✓ Solid construction
- ✓ Polyurethane grip
- ✓ Delivered ready to install



Make Mosmatic foam brush the standard in your wash bay. The solid construction and the unique workmanship ensure longevity and value. Each foam brush has a modular design which allows for individual customer requirements. You choose the in-put out-put, the length of the wand and the protective tube as the matching accessories.

Mosmatic B-LAN-C (Classic)

Part No.	L	GL	DG	IN	Weight
25.902	41"	32"	---	3/8" NPTF	2.9 lbs
25.922	41"	32"	yes	3/8" NPTF	3.4 lbs
25.903	50"	40"	---	3/8" NPTF	3.4 lbs
25.923	50"	40"	yes	3/8" NPTF	3.7 lbs

L = total length, GL = grip length

Mosmatic B-LAN-C (Classic foam brush for snap lock systems)

Part No.	L	GL	DS	IN	Weight
25.988	38"	32"	yes	3/8" NPTM	1.9 lbs

L = total length, GL = grip length, DS = Nozzle guard incl.
Nozzles not included

29.003	Nozzle guard	0.008 lbs
29.006	Brush head complete with snap-lock feature	2.5 lbs

Mosmatic B-LAN-P (Pro)

Part No.	L	GL	WS	DG	IN	Weight
28.540	24"	12"	---	---	G3/8" F	3.8 lbs
28.541	24"	12"	yes	---	G3/8" F	3.8 lbs
28.542	24"	12"	yes	yes	G3/8" F	3.8 lbs
28.545	40"	28"	---	---	G3/8" F	4.7 lbs
28.546	40"	28"	yes	---	G3/8" F	4.7 lbs
28.547	40"	28"	yes	yes	G3/8" F	4.7 lbs

L = total length (without HP-Gun), GL = grip length

TECHNICAL DATA

Pressure	4000 psi (27.5 MPa)
Temperature	250°F
Nominal width	1/4"
Throughput medium	pH 3-12

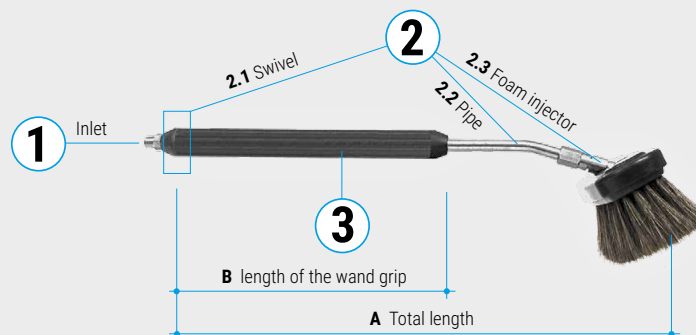
Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conival, QV = quick connects, SV = profile ring fitting
D = diameter, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

INDIVIDUAL FOAM BRUSHES

- ✓ Complete wands with brush head
- ✓ Natural hogs hair (2.4")
- ✓ Delivered ready for installation


Customize Mosmatic brushes to your unique application. Simply choose your in-put out-put and desired components by following steps 1-3 to get your part number.




1 Inlet No.


M21 x 1.5 F 21.


M22 x 1.5 F 22.

conical

3/8" NPTM 25.


1/4" NPTM 26.

2

2.1 Swivel	2.2 Pipe	2.3 Foam injector	No.
without	straight	without	90
without	bent	without	91
without	straight	with	94
without	bent	with	95
with	straight	without	92
with	bent	without	93
with	straight	with	96
with	bent	with	97

Your Part No.

2 **5** . **9** **7** **3** =



3

Other versions or sizes upon request

A	B	No.	
36"	24"	1	(only bent)
36"	32"	1	(only straight)
41"	32"	2	
50"	40"	3	
60"	51"	4	
70"	51"	5	
80"	72"	6	
100"	72"	7	

FLEX-BRUSH WAND

- ✓ Minimum working pressure 40 psi
- ✓ Minimum flow ratio 1.32 gpm
- ✓ Natural hogs hair
- ✓ Suitable for weep system
- ✓ Available in multiple lengths
- ✓ Available with built-in swivel



The Mosmatic Flex-Brush Wand provides an additional function when compared to all standard brushes. Directly in front of the head is a mechanism, which slackens the brush head when not under pressure. Increase the pressure and the head solidifies. The Flex-Brush Wand only works under pressure. The pressure build-up occurs by adding coins in the coin box. Durable lightweight construction makes it easy to use while giving you added savings of a longer lasting brush head. The triple foam wash cycle can not be used with the Flex-Brush Wand.

NOT AVAILABLE IN USA



F-LAN (40 - 150 psi, minimum 1.32 gpm)

Part No.	L	IN	Foam injector	DG	Handle	Weight
27.102	39"	R1/4" M	yes	---	---	3.9 lbs
27.103	51"	R1/4" M	yes	---	---	4.4 lbs
27.122	39"	G1/4" M	yes	yes	---	4.2 lbs
27.123	51"	G1/4" M	yes	yes	---	4.6 lbs
27.302	47"	G1/4" M	yes	---	yes	4.4 lbs
27.303	59"	G1/4" M	yes	---	yes	5.0 lbs
27.322	47"	G1/4" M	yes	yes	yes	4.7 lbs
27.323	59"	G1/4" M	yes	yes	yes	5.3 lbs

L = total length

F-LAN HD (150 - 1200 psi, minimum 2.38 gpm)

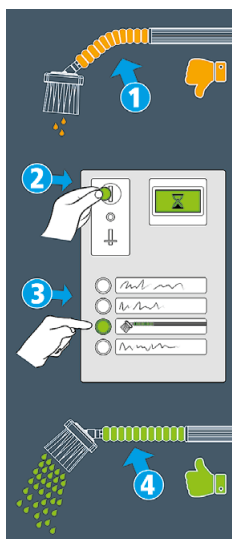
Part No.	L	IN	Foam injector	DG	Handle	Weight
27.107	39"	R1/4" M	yes	---	---	3.9 lbs
27.108	51"	R1/4" M	yes	---	---	4.4 lbs
27.127	39"	G1/4" M	yes	yes	---	4.2 lbs
27.128	51"	G1/4" M	yes	yes	---	4.6 lbs
27.307	47"	G1/4" M	yes	---	yes	4.4 lbs
27.308	59"	G1/4" M	yes	---	yes	5.0 lbs
27.327	47"	G1/4" M	yes	yes	yes	4.7 lbs
27.328	59"	G1/4" M	yes	yes	yes	5.3 lbs

L = total length

Instruction Board

This instruction board explains the concept of the Flex-Brush Wand. It clarifies that the Flex-Brush Wand only works with a paid program. Install the board close to Flex-Brush Wand for visual instruction.

Part No.	Width	Height	Material	Weight
902.999	12"	28"	0.08" Forex	0.7 lbs





Legend


M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conival, QV = quick connects, SV = profile ring fitting
D = diameter, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position



TECHNICAL DATA


Pressure	40 - 1200 psi (0.25 - 8 MPa)
Temperature	250°F
Nominal width	1/4"
Throughput medium	pH 3-12


Brush	Part No.	Weight	
2.4" Hogs hair	29.011	0.6 lbs	
3.5" Hogs hair	29.065	0.7 lbs	


Brush Body	Part No.	Weight	
Stainless steel, incl. 2x M5x12 bolts, IN G1/4" F	29.012	0.5 lbs	
Stainless steel, incl. 2x M5x12 bolts, IN 1/2" NPTF	29.138	0.7 lbs	



Brush Guard	Part No.	Weight	
neutral, plastic, black	29.013	0.2 lbs	


Brush Head Complete	Part No.	Weight	
2.4" Hogs hair, with locking-bolt	29.001	1.6 lbs	
2.4" Hogs hair, with snap-lock feature	29.006	1.8 lbs	
2.4" Hogs hair, IN G1/4" F	29.007	1.3 lbs	
3.5" Hogs hair, IN G1/4" F	29.064	1.4 lbs	
2.4" Hogs hair, IN 1/2" NPTF	29.151	1.5 lbs	
3.5" Hogs hair, IN 1/2" NPTF	29.152	1.6 lbs	


Brush Holder	Part No.	Weight	
stainless, with locking-bolt	29.014	0.4 lbs	


Brush Holder	Part No.	Weight	
for all sorts of brushes, wall mounted	29.030	1.1 lbs	


Foam Injector	Part No.	Weight	
ø0.1", G1/4" F - R1/4" M 90 psi 2.4 gpm, 1450 psi 9 gpm	29.020	0.1 lbs	
ø0.1", M12x1 F - R1/4" M 90 psi 2.4 gpm, 1450 psi 9 gpm	29.021	0.1 lbs	
ø0.06", G1/4" F - R1/4" M 90 psi 0.8 gpm, 1450 psi 3.5 gpm	29.060	0.1 lbs	


Hand Grip	Part No.	Weight	
PP hand grip - ergonomically			
IN 1/4" NPTM, OUT 1/4" NPTF	29.070	0.7 lbs	
IN 3/8" NPTF, OUT 1/8" NPTF	29.085	0.7 lbs	
IN G1/4" M, OUT 1/8" NPTF	29.095	0.7 lbs	

Handle	Part No.	Weight	
with filter sieve, hard plastic			
IN G1/4" M, OUT M12 x 1 F	29.801	0.7 lbs	
IN G3/8" M, OUT M12 x 1 F	29.802	0.7 lbs	
IN G1/4" M, OUT G1/4" F	29.803	0.7 lbs	
Replacement filter sieve	29.023	0.1 oz	


Adaptor for LAN-P	Part No.	Weight	
SW0.78", ø1.5"	904.097	0.02 lbs	



Handle Holder	Part No.	Weight	
ø2.4", L=7.9"	29.128	2.0 lbs	




HP-Hose Comfort	Part No.	Weight	
NW 3/8", lightweight construction, inner core PES			
12', IN 3/8" NPTM, OUT 3/8" NPTM	90.089	1.1 lbs	
14', IN 3/8" NPTM, OUT 3/8" NPTM	90.088	1.3 lbs	
16', IN 3/8" NPTM, OUT 3/8" NPTM	90.090	1.3 lbs	


Mosmatic HP Gun «Nano»	Part No.	Weight	
4000 psi, 300°F, weep IN 3/8" NPTF, OUT 1/4" NPTF	29.082	1.8 lbs	

More products see HP Gun page.


Mosmatic Mat holder	Part No.	Weight	
for wall mounting, INOX	90.050	1.0 lbs	


Nozzle guard	Part No.	Weight	
plug on ø0.6" & G3/8"	29.010	0.02 lbs	
for 1/8" NPT, SW 1/2"	29.002	0.02 lbs	
for 1/8" & 1/4" NPT	29.003	0.02 lbs	


Nozzle Socket	Part No.	Weight	
for locking-screw SW 3/4" IN G1/4" F, OUT 1/8" NPTF	29.016	0.1 lbs	
for locking-screw SW 3/4" IN G1/4" F, OUT 1/4" NPTF	29.017	0.1 lbs	
for snap-lock SW 3/4" IN G1/4" F, OUT 1/8" NPTF	29.018	0.2 lbs	
for snap-lock SW 3/4" IN G1/4" F, OUT 1/4" NPTF	29.019	0.2 lbs	
ø0.6", IN M12x1 F, OUT 1/8" NPTF + G3/8" M	29.042	0.06 lbs	
ø0.6", IN M12x1 F, OUT 1/4" NPTF + G3/8" M	29.108	0.06 lbs	

Nozzles	Part No.	Weight	
for foam brush 1/8" NPT	xx.xxx	0.02 lbs	
for HP wand	xx.xxx	0.02 lbs	


More products see nozzle page.

Sign for F-LAN	Part No.	Weight	
11.8"/27.6"/0.08", Forex	902.999	0.7 lbs	


Snap-Lock Feature	Part No.	Weight	
stainless, aluminium, G1/4" M	29.015	0.4 lbs	


Splash Guard Flexible	Part No.	Weight	
9.4"/2.9"/1.1", bracket version round	90.077	0.2 lbs	


More products see splash guard page.






Swivel for HP Wand	Part No.	Weight	
IN 3/8" NPTM, OUT 3/8" NPTF	32.564	0.7 lbs	


More products see swivel pages.


Wand Holder bracket	Part No.	Weight	
for wall mounting suitable for 29.097 / 29.028 / 29.113 29.121, size 6.3"/6.3"/6.3"	29.099	4.2 lbs	

Wands	Part No.	Weight	
chemical spray wand, swiveling, 35.4", IN G1/4" M, max. 120°F, max. 360 psi, max. 8 gpm	28.560	0.8 lbs	
Koax spray pipe, 39" IN M21x1.5 F, OUT 2x 1/8" NPTF	16219	2.4 lbs	
Vario spray pipe, 39" IN M21x1.5 F, OUT 1x 1/8" NPTF	16227	2.0 lbs	

Weep System	Part No.	Weight	
closure pressure ~70-120 psi flow rate ~0.25 gpm at ~58 psi			
ø0.4", 90 psi 2.4 gpm, 1500 psi 9.0 gpm	29.031	0.1 lbs	
ø0.3", 90 psi 0.8 gpm, 1500 psi 3.4 gpm	29.032	0.1 lbs	

Wheelblaster Pro	Part No.	Weight	
Extension for stand pole, 39"	84.907	13.2 lbs	
Stand pole, 39"	903.986	15.7 lbs	
Cleaning head, ø5.5", 4"/4" IN 3/8" NPTF	84.586	9.3 lbs	
Cleaning head, ø10", 6"/6" IN 3/8" NPTF	84.596	11.2 lbs	
Stabilizer nozzle, 1/4" NPTM, 3.7"	14.901	0.2 lbs	
Stabilizer nozzle, 1/8" NPTM, 3.7"	14.902	0.2 lbs	

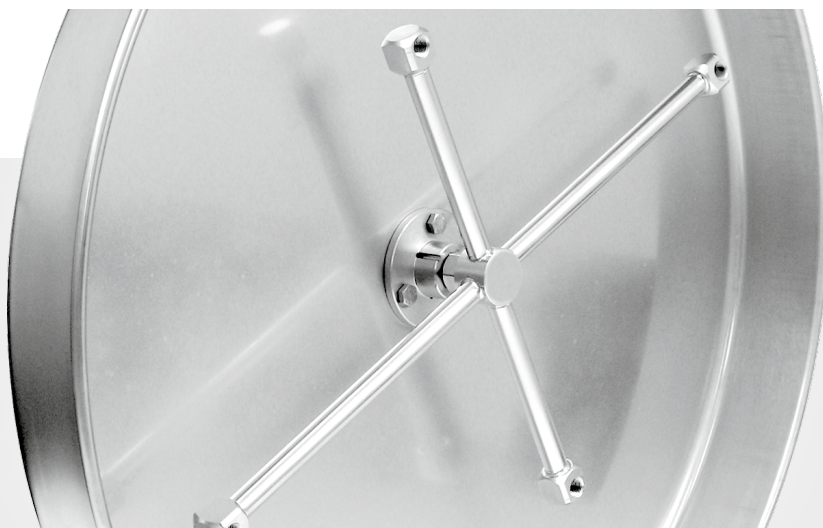
Check Valve (~14 psi)	Part No.	Weight	
with hard spring, opening pressure ~14 psi, closing pressure ~20 psi, ø1", nominal width 1/4", 4000 psi, 200° F			
Brass, 2.4", IN 1/4" NPTF, OUT 1/4" NPTF	90.031	0.4 lbs	
Brass, 3", IN 1/4" NPTF, OUT 3/8" NPTF	90.032	0.4 lbs	
Brass, 2.4", IN 3/8" NPTF, OUT 1/4" NPTF	90.033	0.4 lbs	
Brass, 3", IN 3/8" NPTF, OUT 3/8" NPTF	90.034	0.4 lbs	
INOX, 2.4", IN 1/4" NPTF, OUT 1/4" NPTF	90.051	0.4 lbs	
INOX, 3", IN 1/4" NPTF, OUT 3/8" NPTF	90.052	0.4 lbs	
INOX, 2.4", IN 3/8" NPTF, OUT 1/4" NPTF	90.053	0.4 lbs	
INOX, 3", IN 3/8" NPTF, OUT 3/8" NPTF	90.054	0.4 lbs	

Check Valve (~1.5 psi)	Part No.	Weight	
with soft spring, opening pressure ~1.5 psi, closing pressure ~2 psi, ø1", nominal width 1/4", 4000 psi, 200° F			
Brass, 2.4", IN 3/8" NPTF, OUT 1/4" NPTF	90.035	0.4 lbs	
Brass, 3", IN 3/8" NPTF, OUT 3/8" NPTF	90.036	0.4 lbs	
Brass, 2.4", IN 1/4" NPTF, OUT 1/4" NPTF	90.037	0.4 lbs	
Brass, 3", IN 1/4" NPTF, OUT 3/8" NPTF	90.038	0.4 lbs	
INOX, 2.4", IN 3/8" NPTF, OUT 1/4" NPTF	90.055	0.4 lbs	
INOX, 3", IN 3/8" NPTF, OUT 3/8" NPTF	90.056	0.4 lbs	
INOX, 2.4", IN 1/4" NPTF, OUT 1/4" NPTF	90.057	0.4 lbs	
INOX, 3", IN 1/4" NPTF, OUT 3/8" NPTF	90.058	0.4 lbs	

- ✓ Polished stainless steel
- ✓ With mounting plate
- ✓ 4 nozzles inlets
- ✓ High quality swivel



Mosmatic Wheelblasters are a versatile and highly effective cleaning solution for almost any style vehicle or equipment cleaning. The rotation speed is determined by the water and pressure which drives the rotor arm. These products are mainly found in automatic car wash facilities in the area of tire/rim and rocker panel cleaning. It is an efficient and reliable touch free method of achieving optimal cleaning results.



WBL ø21"

Part No.	Swivel	Rotor Arm	Weight
84.504	DYF	16"/10"	15.8 lbs
84.514	DYF	18.5"/14"	16.1 lbs
84.509	DYT	16"/10"	18.5 lbs
84.519	DYT	18.5"/14"	18.7 lbs

Requires 4x HP nozzles, please order separate

DYF: triple-bearing system, DYT: quadruple bearing system

TECHNICAL DATA

Pressure	4000 psi (27.5 MPa)
Temperature	250°F
RPM	up to 2000 rpm
Water connection	3/8" NPTF
Nozzle connection	4x 1/8" NPTF
Throughput medium	pH 3-12

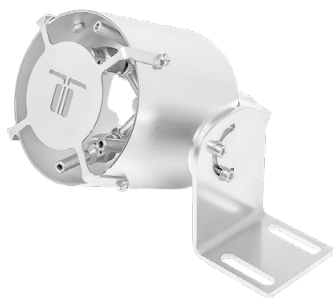
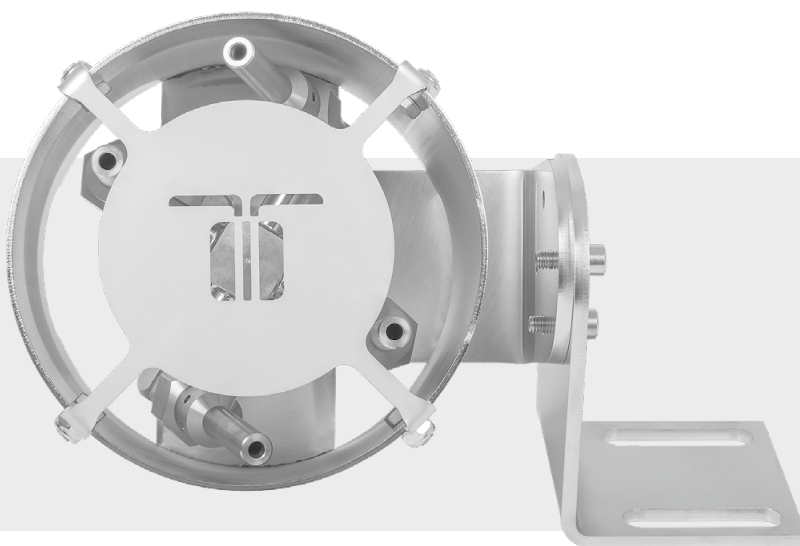
Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects, SV = profile ring fitting
D = diameter, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

WHEELBLASTER COMPACT



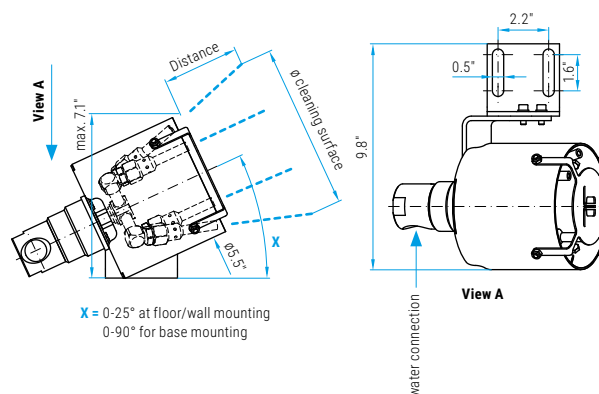
- ✓ Equipped with stabilizer nozzles
- ✓ Assembly on both sides possible
- ✓ Flexible installation options
- ✓ Adjustable spray direction
- ✓ Polished stainless steel (INOX)



WBC

Part No.	Swivel	IN	Rotor arm	Stabilizer Nozzles	Insert Nozzle	Weight
84.607	DYTIIs	3/8"NPTF	4"/4"	4x 14.902	---*	9.0 lbs
84.608	DYTIIs	1/2"NPTF	4"/4"	4x 14.902	---*	9.0 lbs
84.609	DYTIIs	3/4"NPTF	4"/4"	4x 14.902	---*	9.3 lbs

* Requires 4x EG-nozzles, according to your pump specifications



Action diameter

Distance	Cleaning surface
10"	12"
20"	20"
30"	28"
40"	33"



Stabilizer Nozzle

(without insert nozzle)

Part No.	IN
14.902	1/8" NPTM

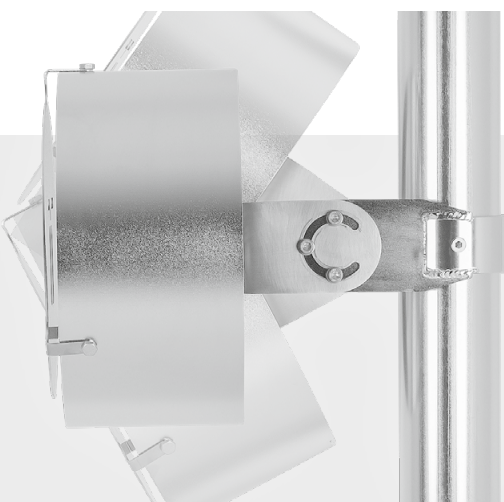
TECHNICAL DATA

Pressure	4000 psi (27.5 MPa)
Temperature	250°F
RPM	up to 2000 rpm
Throughput medium	pH 3-12

Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conival, QV = quick connects, SV = profile ring fitting
D = diameter, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

- ✓ Polished stainless steel
- ✓ Equipped with stabilizer nozzles
- ✓ Seamless height and angle adjustable
- ✓ Multiple cleaning heads can be installed
- ✓ High impact at distance



WBP with Stand

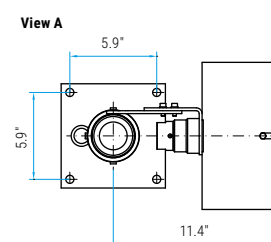
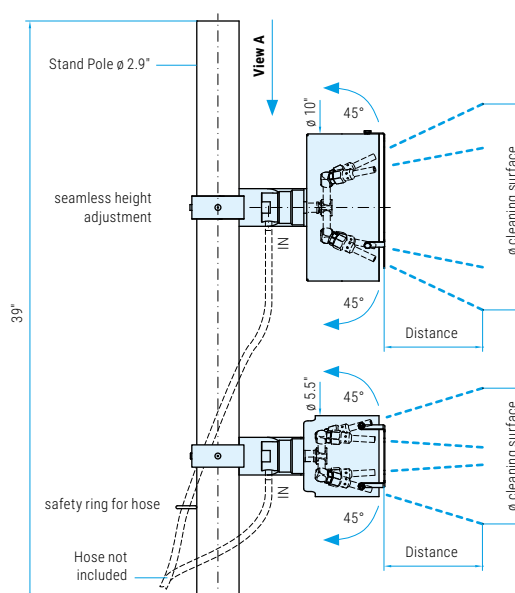
Part No.	Swivel	IN	Diameter	Rotor arm	Stabilizer Nozzles	Insert Nozzle	Weight
84.546	DYTis	3/8"NPTF	ø10"	6"/6"	4x 14.901	---*	27.0 lbs

* Requires 4x EG-nozzles, according to your pump specifications

WBP without Stand

Part No.	Swivel	IN	Diameter	Rotor arm	Stabilizer Nozzles	Insert Nozzle	Weight
84.586	DYTis	3/8"NPTF	ø5.5"	4"/4"	4x 14.902	---*	9.3 lbs
84.587	DYTis	1/2"NPTF	ø5.5"	4"/4"	4x 14.902	---*	9.3 lbs
84.588	DYTis	3/4"NPTF	ø5.5"	4"/4"	4x 14.902	---*	9.5 lbs
84.596	DYTis	3/8"NPTF	ø10"	6"/6"	4x 14.901	---*	11.2 lbs
84.597	DYTis	1/2"NPTF	ø10"	6"/6"	4x 14.901	---*	11.2 lbs
84.598	DYTis	3/4"NPTF	ø10"	6"/6"	4x 14.901	---*	11.5 lbs

* Requires 4x EG-nozzles, according to your pump specifications



Action diameter

Distance	Cleaning surface ø10"	Cleaning surface ø5.5"
10"	18"	12"
20"	28"	20"
30"	38"	28"
40"	48"	33"

Extension

Part No.	Length	Weight
84.907	39"	13.2 lbs

Stand Pole

Part No.	Length	Weight
903.986	39"	16.0 lbs

TECHNICAL DATA

Pressure	4000 psi (27.5 MPa)
Temperature	250°F
RPM	up to 2000 rpm
Throughput medium	pH 3-12

UNDERCARRIAGE CLEANER STATIONARY

- ✓ Compact and solid construction
- ✓ Equipped with stabilizer nozzles
- ✓ Modular design



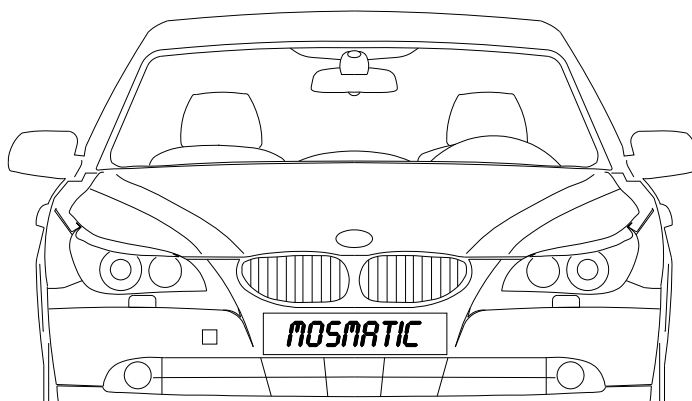
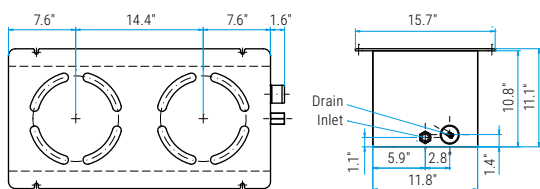
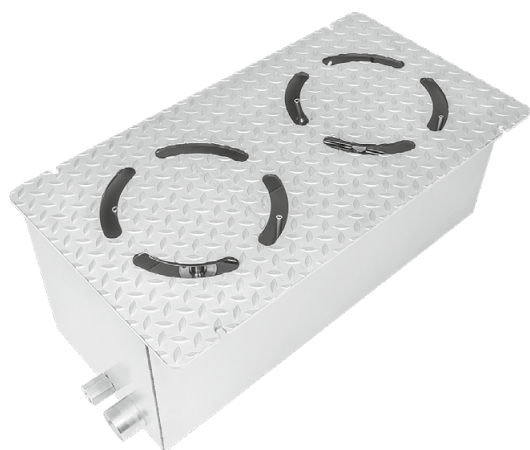
The TUW stationary is perfect for fixed ramp over or sub-floor undercarriage wash systems. Industrial grade stainless plates and boxes come complete with quad bearing swivels and welded balanced rotor arms. The high lift wash design removes heavy debris and cleans without damage to the vehicles undercarriage. Whether a new install or system upgrade this is sure to impress.



TUWs

Part No.	Dimensions (L/W/H)	Weight	Swivels	Rotor arms	Stabilizer Nozzles	Nozzles
80.640	29.5"x11.8"x10.8"	70.5 lbs	2x DYT	8"/10"	4x 14.901	---*

* Requires 4x EG-nozzles, according to your pump specifications



** Example connection. Other variants possible.

{Connection**}



Stabilizer Nozzle

(without insert nozzle)

Part No.	IN
14.901	1/4" NPTM

TECHNICAL DATA

Pressure	4000 psi (27.5 MPa)
Temperature	250°F
RPM	up to 2000 rpm
Body	29.5"x11.8"x10.8"
Water connection	3/4" NPTF
Water drain	2"
Throughput medium	pH 3-12

Legend

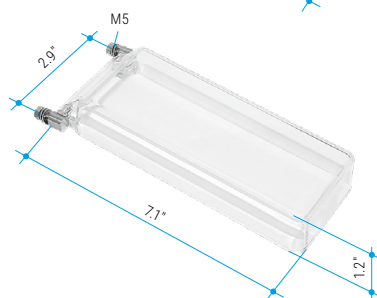
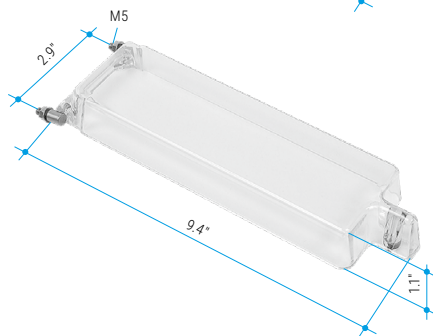
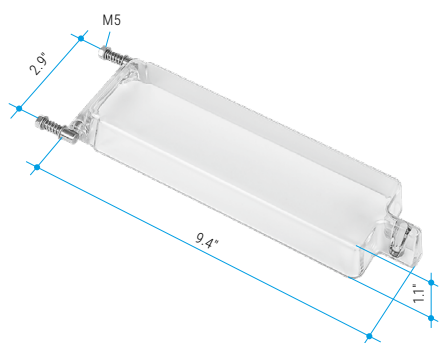
M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conival, QV = quick connects, SV = profile ring fitting
D = diameter, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

SPLASH GUARD

- ✓ Delivered ready to install
- ✓ A must for every pay station
- ✓ Protects the coin slot



Mosmatic splash guards are a must to prevent water from entering into pay station coin/card slots causing unwanted damage. Choose between the standard version and the flexible version. The flexible version has spring-loaded mounting, adding extra endurance. Existing units already equipped with a Mosmatic splash guard, can be easily upgraded to the new system.



Splash guard flexible

transparent Polycarbonate, INOX mounting brackets

Part No.	Bracket version	Stopper	Weight
90.077	round	magnet	0.2 lbs
90.096	round	rubber	0.2 lbs



Splash guard standard

transparent Polycarbonate, INOX mounting brackets

Part No.	Bracket version	Stopper	Weight
90.015	round	magnet	0.2 lbs
90.076	angular	magnet	0.2 lbs

Splash guard short

transparent Polycarbonate, INOX mounting brackets

Part No.	Bracket version	Stopper	Weight
90.071	round	---	0.2 lbs

Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects, SV = profile ring fitting
D = diameter, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

Our goal:

Providing solutions to solve today's cleaning and sanitation needs.

HIGH PRESSURE

Surface Cleaning and Maintenance

Our complete range of surface cleaners, set the standard for today's commercial and industrial needs. Offering both recovery style and non, we are the perfect choice for large and small flatwork applications. Ergonomic, lightweight and durable designs make us the number one choice for your clean and sanitation needs.



Food Industry

Today's industry calls for water conservation and higher sanitation requirements, Mosmatic components help increase cleaning efficiency while decreasing time and labor as well as reducing waste water.



Municipal

Working together with manufacturers of municipal vehicles, Mosmatic has developed solutions for the high demands of professional road and sidewalk cleaning. We also have the right components to bring in an economically friendly way to clean tunnels, shafts, ducts, pipes, noise protection walls and buildings.



Industrial Cleaning

Mosmatic offers various cleaning tools for industries such as parts cleaning, shipbuilding, wood and metal processing but also for the cleaning of portable toilet cabins, silos, steam hoods and buildings. We offer products that are designed to withstand harsh environments and rugged daily use.



- ✓ Effective and efficient cleaning
- ✓ With fluid recovery port
- ✓ Gum remover bracket and trigger

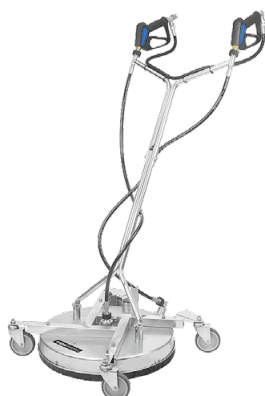


TECHNICAL DATA

Pressure 5000 psi
Temperature 250°F
Inlet 3/8" NPTF



FL-AHB-KAU 750



FL-AHB-KAU 520

Mosmatic takes the edge off work with the „All in one“ cleaning tool. Remove chewing gum from public areas such as sidewalks, train stations, parks and school facilities. The gum will be cut and lifted ready to be recovered. No chemicals needed.



FEATURES

Chewing Gum remover

This special nozzle, uses it's own trigger gun to activate on chewing gum or persistent stains. The high pressure jets impact at a 45° angle to cut and lift the gum.

Available sizes: #3 (29.102), #4 (29.103), #5 (29.119)

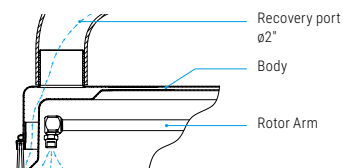
Gum remover nozzle sold separately.



Recovery System

Environmental protection is more important than ever, leading to the need to recycle waste water. The dual housing and vacuum port allow this function.

Residual water and debris can be recovered, recycled and reused.



Adjustable Height

Stainless steel frame for added stability. Optimize your cleaning results with the height adjustable housing.



Stainless Steel Caster (Premium Quality)

Four 4" stainless steel casters with custom mounting brackets, ensure easy manoeuvring even in confined spaces.

Part No. 80.956

Rotor Arms

Can withstand up to 7300 psi, and are precision welded and balanced.



2cp2 (2 Arms / 2 Nozzles)

Part No. 82.946 (ø18.5")

Optional: Part No. 82.9069 (ø17.7"), 1/8"

3cp3 (3 Arms / 3 Nozzles)

Part No. 82.947 (ø27.5")

Swiss Engineering

High rpm stainless steel swivel, features reinforced self lubricated stainless steel ball bearings for improved performance. The dual spring based carbide seal system, guarantees long lasting operation under tough conditions.



DYCI Swivel

Part No. 55.253

Name	Part No.	ø	Weight	Swivel	Rotor Arm	HP- Nozzles	HP- Gun	Stainless Steel Caster
FL-AHB-KAU 520	80.786	21"	44 lbs	1x DYCI	2x 1/8" NPTF	2x 1503	2x	4x ø4"
FL-AHK-KAU 520*	80.787	21"	44 lbs	1x DYCI	2x 1/8" NPTF	2x 1503	2x	4x ø4"
FL-AHB-KAU 750	80.788	30"	58.5 lbs	1x DYCI	3x 1/8" NPTF	3x 1503	2x	4x ø4"

* with plastic rim guard, no brush ring

Gum remover nozzle sold separately.

- ✓ Designed for professional cleaning
- ✓ With fluid recovery port
- ✓ High durability
- ✓ Height-adjustable



TECHNICAL DATA

Pressure	5000 psi
	7300 psi
Temperature	250°F
Inlet	1/4" NPTM
	3/8" NPTF
	1/2" NPTF



FL-AH 750



FL-AH 520

Mosmatic Professional cleaner with recovery function is ideal for cleaning large areas both indoors and outdoors. Dirty water is recovered with your vacuum system and can be disposed of or recycled. The 1/2" model is suitable to use with high-performance high-pressure equipment. The Professional series is designed for professional continuous operation and durability.

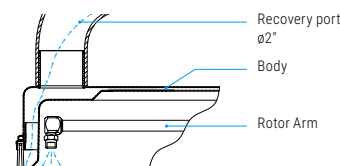


FEATURES

Recovery System

Environmental protection is more important than ever, leading to the need to recycle waste water. The dual housing and vacuum port allow this function.

Residual water and debris can be recovered, recycled and reused.



Adjustable Height

Stainless steel frame for added stability. Height adjustable housing ensures the best cleaning results.



Stainless Steel Caster (Premium Quality)

Four 4" stainless steel casters with custom mounting brackets ensure easy manoeuvring even in confined spaces.

Part No. 80.956

Rotor Arms

Can withstand up to 7300 psi, and are precision welded and balanced.



2cp2 (2 Arms / 2 Nozzles)

Part No. 82.946 (ø18.5"), 1/8"

Part No. 82.941 (ø18.5"), 1/4"

Optional: Part No. 82.9069 (ø17.7"), 1/8"

3cp3 (3 Arms / 3 Nozzles)

Part No. 82.947 (ø27.5"), 1/8"

4p4 (4 Arms / 4 Nozzles)

Part No. 82.9133 (ø18.5"/13.8"), 1/4"

Part No. 82.9108 (ø27"/23.6"), 1/4"

Swiss Engineering

High rpm stainless steel swivel features reinforced self lubricated stainless steel ball bearings for improved performance. The dual spring based carbide seal system, guarantees long lasting operation under tough conditions.



DYCI Swivel

Part No. 55.253

DXTI Swivel

Part No. 39.910

DYDI Swivel (7300 psi)

Part No. 55.263

Name	Part No.	ø	NW	Weight	Swivel	Rotor Arm	HP- Nozzles	HP- Gun	Stainless Steel Caster
FL-AH 520	80.784	21"	1/4"	38.5 lbs	1x DYCI	2x 1/8" NPTF	2x 1503	1x	4x ø4"
FL-AH 520*	80.797	21"	1/2"	44 lbs	1x DXTI	4x 1/4" NPTF	4x 1503	1x	4x ø4"
FL-AHY 520**	80.189	21"	1/4"	37.5 lbs	1x DYDI	2x 1/8" NPTF	--	--	4x ø4"
FL-AH 750	80.785	30"	1/4"	51.8 lbs	1x DYCI	3x 1/8" NPTF	3x 1503	1x	4x ø4"
FL-AH 750*	80.798	30"	1/2"	57.3 lbs	1x DXTI	4x 1/4" NPTF	4x 1503	1x	4x ø4"
FL-AHY 750**	80.389	30"	1/4"	50.7 lbs	1x DYDI	3x 1/8" NPTF	--	--	4x ø4"

* Inlet 1/2" NPTF ** Pressure: 7300 psi / Inlet 1/4" NPTM

- ✓ With fluid recovery port
- ✓ Integrate high quality swivel
- ✓ Ready to use

Mosmatic Allrounder with recovery is ideal for smaller and hard to reach areas both indoors and out. Small compact and lightweight design is ideal for jobs large or small. Using your vac system, water can be recovered, reused or discharged.



TECHNICAL DATA

Pressure 4000 psi
Temperature 250°F
Inlet 3/8" NPTF



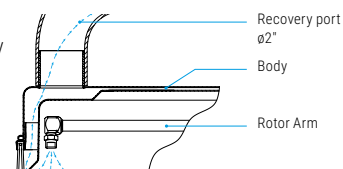
FL-AER 410

FEATURES

Recovery System

Environmental protection is more important than ever. These recovery units have a double wall housing to optimize vacuum power.

Residual water and debris can be recovered, recycled and reused.



Rotor Arms

Can withstand up to 4000 psi, are precision welded and balanced.



2w2 (2 Arms / 2 Nozzles) **2w2** (2 Arms / 2 Nozzles) **2w2** (2 Arms / 2 Nozzles)
 Part No. 82.621 (ø6") Part No. 82.623 (ø10") Part No. 82.625 (ø14")

Proven innovation

Developed by Mosmatic and in service for years, the toggle swivel has proven itself. The toggle joint feature allows effortless cleaning of walls and angled surfaces. The movement of the joint is adjustable for fatigue free cleaning.



KDYF Toggle Swivel

Part No. 58.908

Swiss Engineering

High rpm stainless steel swivel, features reinforced self lubricated stainless steel ball bearings for improved performance. The dual spring based carbide seal system, guarantees long lasting operation under tough conditions.



DYF Swivel

Part No. 58.000 (ø8") Part No. 58.250 (ø16")

Stainless Steel Caster

Heavy duty ø2¼" casters with custom mounting brackets ensure easy manoeuvring even in confined spaces.



Stainless Steel Caster **Caster for ø8"**

Part No. 80.943 Part No. 80.922



FL-AER 300

FL-AER 200

FL-AEB 200

Name	Part No.	ø	Weight	Swivel	Rotor Arm	Nozzles	HP-Gun	Wheels
FL-AEB 200	78.280	8"	6.2 lbs	1x DYF	2x 1/8" NPTF	2x 1503	1x	--
FL-AER 200	78.290	8"	9.2 lbs	1x KDYF	2x 1/8" NPTF	2x 1503	1x	3x ø1¼"
FL-AER 300	78.292	12"	12.3 lbs	1x KDYF	2x 1/8" NPTF	2x 1503	1x	3x ø2¼"
FL-AER 410	78.299	16"	20.0 lbs	1x DYF	2x 1/8" NPTF	2x 1503	1x	3x ø2¼"

- ✓ **Integrated Recovery**
- ✓ **Temperatures up to 250°F**
- ✓ **Integrate high quality toggle swivel**
- ✓ **Ready to use**



TECHNICAL DATA

Pressure	4000 psi
Temperature	250°F
Inlet	3/8" NPTF



FL-SAR

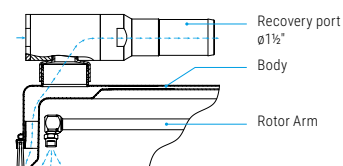
Mosmatic Surface Cleaner Aqua with Integrated Recovery. The dirty water is recovered and expelled with the Venturi principle eliminating the need for a vacuum system. Simply place your export hose to a desired drain point. Areas both large and small are cleaned effectively and efficiently without requiring bulky vacuum systems and long runs of hosing.



FEATURES

Integrated recovery

The black anodized aluminum suction device collects the dirty water via the Venturi and double housing principal. Mount your export hose on the suction device and place it into the desired port to drain the water. The use of a vacuum system is no longer needed.



Rotor Arms

Can withstand up to 4000 psi, are precision welded and balanced.



2w2 (2 Arms / 2 Nozzles)

Part No. 82.623 (ø10")

Swiss Engineering

High rpm stainless steel swivel features reinforced self lubricated stainless steel ball bearings for improved performance. The dual spring based carbide seal system, guarantees long lasting operation under tough conditions.



KDYF Toggle Swivel

Part No. 58.912

Stainless Steel Caster

Heavy duty ø2¼" casters with custom mounting brackets ensure easy manoeuvring even in confined spaces.



Stainless Steel Caster

Part No. 80.943

Name	Part No.	ø	Weight	Swivel	Rotor Arm	Nozzles	HP-Gun	Casters
FL-SAR	78.293	12"	13 lbs	1x KDYF	2x 1/8" NPTF	2x 1503 / 1x #3*	1x	3x ø2¼"

Accessories

Name	Part No.	Nozzles
Nozzles package	78.983	2x 1502 / 1x #2*

* #2 and #3 internal nozzles self recovery

- ✓ With fluid recovery port
- ✓ Ready to use
- ✓ Designed for higher pressures



TECHNICAL DATA

Pressure 5000 psi
Temperature 250°F
Inlet 3/8" NPTF



FL-ABB 300



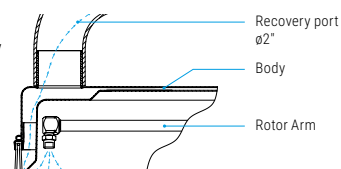
FL-ABB 200

FEATURES

Recovery System

Environmental protection is more important than ever. These recovery units have a double wall housing to optimize vacuum power.

Residual water and debris can be recovered, recycled and reused.



Rotor Arms

Can withstand up to 7300 psi, are precision welded and balanced.



2p2 (2 Arms / 2 Nozzles)

Part No. 82.321 (ø6") Part No. 82.323 (ø10")

Brush Ring

Ideal for outdoor applications such as concrete, brick, limestone or wood surfaces.



Plastic rim guard

Indoor use, prevents dirt and debris from building up on the rim. Adheres to purity regulation in the food and clinical industries.

Swiss Engineering

High rpm stainless steel swivel features reinforced self lubricated stainless steel ball bearings for improved performance. The dual spring based carbide seal system, guarantees long lasting operation under tough conditions.



DYW Swivel

Part No. 55.020

Name	Part No.	ø	Weight	Swivel	Rotor Arm	HP-Nozzles	HP-Gun
FL-ABB 200	78.285	8"	6.0 lbs	1x DYW	2x 1/8" NPTF	2x 1503	1x
FL-ABK 200*	78.286	8"	6.2 lbs	1x DYW	2x 1/8" NPTF	2x 1503	1x
FL-ABB 300	78.287	12"	7.1 lbs	1x DYW	2x 1/8" NPTF	2x 1503	1x
FL-ABK 300*	78.288	12"	7.3 lbs	1x DYW	2x 1/8" NPTF	2x 1503	1x

* with Plastic rim guard

- ✓ Added wand and holder
- ✓ Solid construction
- ✓ Height-adjustable
- ✓ Quality high pressure swivel



FEATURES

Two Tools In One

The wand quick connects to the existing HP-gun allowing you to prep your surface, clean corners, rinse over spray and clean other hard to reach areas.



Adjustable Height

Stainless steel frame for added stability. Adjust to compensate for uneven surfaces.



Stainless Steel Caster (Premium Quality)

Four 4" stainless steel casters with custom mounting brackets ensure easy manoeuvring even in confined spaces.
Part No. 80.956

Rotor Arms

Can withstand up to 4000 psi, are precision welded and balanced.



2cw2 (2 Arms / 2 Nozzles)

Part No. 82.942 (ø18.5")

3cw3 (3 Arms / 3 Nozzles)

Part No. 82.943 (ø27.5")

Optional: Part No. 82.9069 (ø17.7"), 1/8"

Swiss Engineering

High rpm stainless steel swivel features reinforced self lubricated stainless steel ball bearings for improved performance. The dual spring based carbide seal system, guarantees long lasting operation under tough conditions.



Part No. 55.253

Name	Part No.	ø	Weight	Swivel	Rotor Arm	Wand Nozzle	HP- Nozzles	HP- Gun	Stainless Steel Caster
FL-PH 520	80.774	21"	35.7 lbs	1x DYCI	2x 1/8" NPTF	1x 1506	2x 1503	1x	4x ø4"
FL-PH 750	80.775	30"	49.6 lbs		3x 1/8" NPTF	1x 1508	3x 1503		

TECHNICAL DATA

Pressure 4000 psi
Temperature 250°F
Inlet 3/8" NPTF

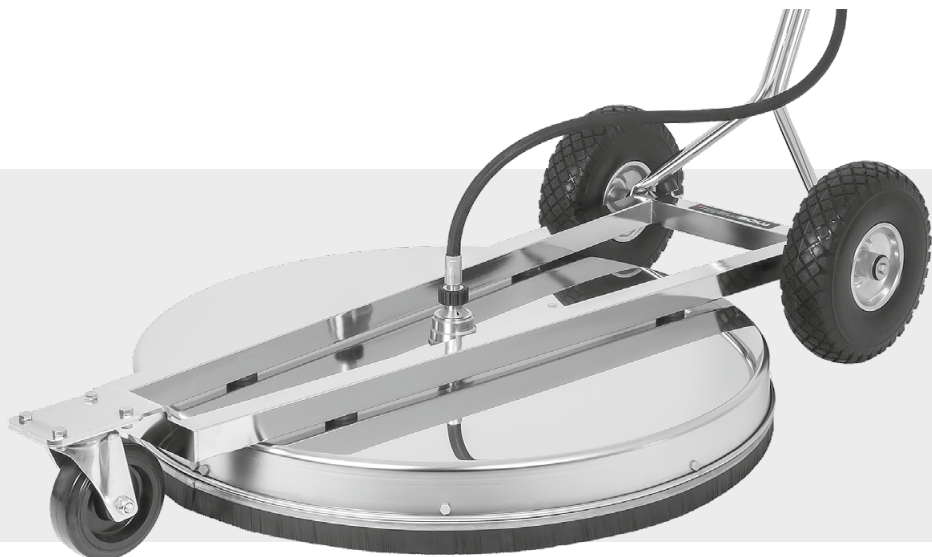


FL-PH 750



FL-PH 520

- ✓ Added wand and holder
- ✓ Solid construction
- ✓ Quality high pressure swivel
- ✓ Ready to use
- ✓ Easy to maneuver



TECHNICAL DATA

Pressure 4000 psi
Temperature 250°F
Inlet 3/8" NPTF



FL-PB 750



FL-PB 520

FEATURES

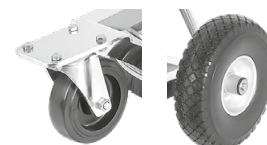
Two Tools In One

The wand quick connects to the existing HP-gun allowing you to prep your surface, clean corners, rinse over spray and clean other hard to reach areas.



Large caster

The quality stainless steel caster and the two pneumatic tires enables easy maneuvering over uneven surfaces like ramps, grates and texturized surfaces.



Rotor Arms

Can withstand up to 4000 psi, are precision welded and balanced.



2cw2 (2 Arms / 2 Nozzles)

Part No. 82.942 (ø18.5")

3cw3 (3 Arms / 3 Nozzles)

Part No. 82.943 (ø27.5")

Optional: Part No. 82.9069 (ø17.7"), 1/8"

Swiss Engineering

High rpm stainless steel swivel features reinforced self lubricated stainless steel ball bearings for improved performance. The dual spring based carbide seal system, guarantees long lasting operation under tough conditions.



Part No. 55.253

Name	Part No.	ø	Weight	Swivel	Rotor Arm	Wand Nozzle	HP- Nozzles	HP- Gun	Caster
FL-PB 520	80.679	21"	49.6 lbs	1x DYCI	2x 1/8" NPTF	1x 1506	2x 1503	1x	1x ø5"
FL-PB 750	80.689	30"	58.4 lbs		3x 1/8" NPTF	1x 1508	3x 1503		2x ø10"

- ✓ Also model up to 7300psi available
- ✓ Maintenance free
- ✓ Quality stainless steel swivel
- ✓ Ready to use



FEATURES

Rotor Arms

Can withstand up to 7300 psi, are precision welded and balanced.

2cw2 (2 Arms / 2 Nozzles)

Part No. 82.942 (ø18.5")

3cw3 (3 Arms / 3 Nozzles)

Part No. 82.943 (ø27.5")

2cp2 (2 Arms / 2 Nozzles)

Part No. 82.946 (ø18.5"), 1/8", 7300 psi

Optional: Part No. 82.941 (ø18.5"), 1/4", 7300 psi

Optional: Part No. 82.9069 (ø17.7"), 1/8", 7300 psi

3cp3 (3 Arms / 3 Nozzles)

Part No. 82.947 (ø27.5"), 1/8", 7300 psi

Stainless Steel Caster

Heavy duty ø2 1/4" casters with custom mounting brackets ensure easy manoeuvring even in confined spaces.

Stainless Steel Caster

Part No. 80.912

Swiss Engineering

High rpm stainless steel swivel features reinforced self lubricated stainless steel ball bearings for improved performance. The dual spring based carbide seal system, guarantees long lasting operation under tough conditions.

DYCI Swivel

Part No. 55.253

DYDI Swivel (7300 psi)

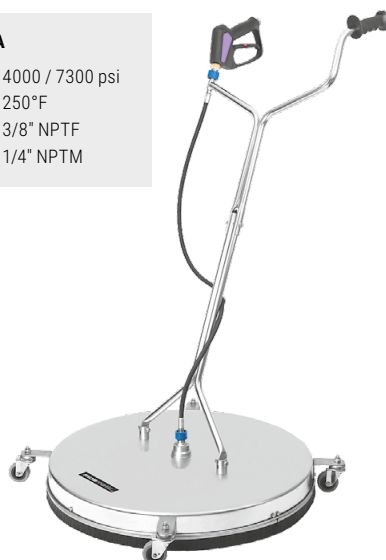
Part No. 55.263

Name	Part No.	ø	Weight	Swivel	Rotor Arm	HP- Nozzles	HP- Gun	Stainless Steel Caster
FL-CG 520	80.770	21"	22.7 lbs	1x DYCI	2x 1/8" NPTF	2x 1503	1x	--
FL-CR 520	80.771	21"	26.4 lbs	1x DYCI	2x 1/8" NPTF	2x 1503	1x	4x ø2 1/4"
FL-RY 520*	80.159	21"	25.4 lbs	1x DYDI	2x 1/8" NPTF	--	--	4x ø2 1/4"
FL-RY 750*	80.359	30"	29.8 lbs	1x DYDI	3x 1/8" NPTF	--	--	4x ø2 1/4"
FL-CR 750	80.772	30"	34.1 lbs	1x DYCI	3x 1/8" NPTF	3x 1503	1x	4x ø2 1/4"

* Pressure: 7300 psi / Inlet 1/4" NPTM

TECHNICAL DATA

Pressure	4000 / 7300 psi
Temperature	250°F
Inlet	3/8" NPTF 1/4" NPTM



FL-CR 750



FL-CR 520

FL-CG 520

- ✓ Available in various designs
- ✓ Multi-functional, suitable for any surfaces
- ✓ Ready to install



This light weight, multi-functional surface cleaner is suitable for cleaning any flat surface. You can clean walls and stairs as well as sidewalks and decks. The Universal Line is available in several sizes and styles to fit your needs.



FEATURES

Rotor Arms

Can withstand up to 4000 psi, and are precision welded and balanced.

2w2 (2 Arms / 2 Nozzles) **2w2** (2 Arms / 2 Nozzles) **2w2** (2 Arms / 2 Nozzles)
Part No. 82.621 (ø6") Part No. 82.623 (ø10") Part No. 82.625 (ø16")



Proven Innovation

Developed by Mosmatic and in service for years, the toggle swivel has proven itself. The toggle joint feature allows effortless cleaning of walls and angled surfaces. The movement of the joint is adjustable for fatigue free cleaning.



KDYF Toggle Swivel

Part No. 58.908

Swiss Engineering

High rpm stainless steel swivel, features reinforced self lubricated stainless steel ball bearings for improved performance. The dual spring based carbide seal system, guarantees long lasting operation under tough conditions.



DYF Swivel

Part No. 58.000

Stainless Steel Caster

Heavy duty ø2¼" casters with custom mounting brackets ensure easy maneuvering and longevity.



Stainless Steel Caster

Part No. 80.943

Name	Part No.	ø	Weight	Swivel	Rotor Arm	HP- Nozzles	HP- Gun	Wand	Stainless Steel Caster
FL-EB 200	78.250	8"	4.2 lbs	1x DYF	2x 1/8" NPTF	2x 1503	1x	---	---
FL-EG 200	78.260	8"	5.3 lbs	1x KDYF	2x 1/8" NPTF	2x 1503	1x	1x	---
FL-EG 300	78.262	12"	7.1 lbs	1x KDYF	2x 1/8" NPTF	2x 1503	1x	1x	---
FL-ER 300	78.272	12"	9.5 lbs	1x KDYF	2x 1/8" NPTF	2x 1503	1x	1x	3x ø2¼"
FL-EG 410	78.264	16"	10.4 lbs	1x KDYF	2x 1/8" NPTF	2x 1503	1x	1x	---
FL-ER 410	78.274	16"	13.0 lbs	1x KDYF	2x 1/8" NPTF	2x 1503	1x	1x	3x ø2¼"

TECHNICAL DATA

Pressure 4000 psi
Temperature 250°F
Inlet 3/8" NPTF



FL-ER 410

FL-EG 410



FL-ER 300

FL-EG 300

FL-EG 200

FL-EB 200

- ✓ Steam cleaned surfaces are flash dry
- ✓ Huge time saving
- ✓ Mosmatic quality swivel and rotor arm
- ✓ Adjustable drive and impact angle
- ✓ Temperature up to 350°F



FEATURES

High quality swivel

The heart of a Mosmatic Steaminator is the swivel which is reinforced with self lubricating, stainless steel ball bearings and a high temperature seal system. The DXF is specially designed for high revolutions to ensure long lasting durability. Both STM models come with our patented swivel. This swivel is perfect for cleaning many surfaces including walls while remaining flush to the surface.



KDXF Toggle Swivel for ø12"

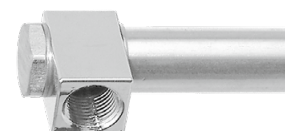
Part No. 38.905

DXF Swivel for ø8"

Part No. 38.904

Rotor arm

The adjustable rotor arm allows the user to change the spray angle and the impact on the surface being cleaned.



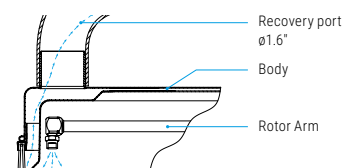
2s2 (2 Arms / 2 Nozzles)

Part No. 88.935 (ø6")

Part No. 88.936 (ø10")

Recovery System

The double walled housing and reclaim port allow you to attach your vacuum system to the unit. This decreases drying time and allows the user to recover and recycle the used liquid and residue, making it an eco-friendly alternative to cleaning with just one wand.



Polyamide Casters

The casters allow free movement in any direction while keeping the nozzles an even distance from the cleaning surface. Fatigue is therefore reduced while saving you time and energy.

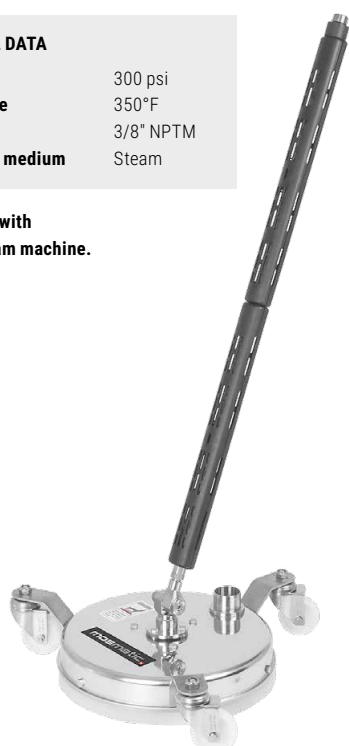


Polyamide Caster

Part No. 80.986 (for ø8" and ø12")

Splash protection

The plastic rim guard prevents over spray and flying debris. It is extremely effective thanks to the wavy design.



STM 300



STM 200

Steam nozzle



Part No.	IN	Angle	ø
18.50290	1/8" NPTM	50°	2.9

Name	Part No.	ø	Swivel	Rotor arm	Nozzles	PA Casters	Weight
STM 200	78.094	8"	1x DXF	2x 1/8" NPTF	2x 18.50290	3x ø2"	5.7 lbs
STM 300	78.194	12"	1x KDXF	2x 1/8" NPTF	2x 18.50290	3x ø2"	8.8 lbs

Steam gun not included.

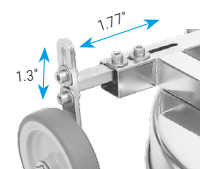
- ✓ Height and width adjustable
- ✓ Quad bearing swivel
- ✓ For professional roof cleaners



FEATURES

Height and width adjustable

The DR-520. Width is adjustable up to 3.54" and 1.3" in height. Will work for most roof designs adding safety and stability.



Safety Eye

Allows you to easily secure the roof cleaner with a safety rope or cable.



Pressure Gauge

Use the pressure gauge to monitor your cleaning pressure. This allows you to ensure proper pressure when cleaning a variety of roofing materials.

Part. No. 903.032



Ball Valve

Makes it easy and convenient to turn off the flow to the unit.

Part. No. 90.066



Rotor Arms

Can withstand up to 4000 psi or 7300 psi, are precision welded and balanced.



2cw2 (2 Arms / 2 Nozzles / 4000 psi) **2cw2** (2 Arms / 2 Nozzles / 7300 psi)
Part No. 82.942 1/8" (ø18.5") Part No. 82.941 1/4" (ø18.5")
Part No. 82.975 1/4" (ø18.5")

Swiss Engineering

High rpm stainless steel swivel features 4x reinforced self lubricated stainless steel ball bearings for improved performance. The dual spring based carbide seal system, guarantees long lasting operation under tough conditions.



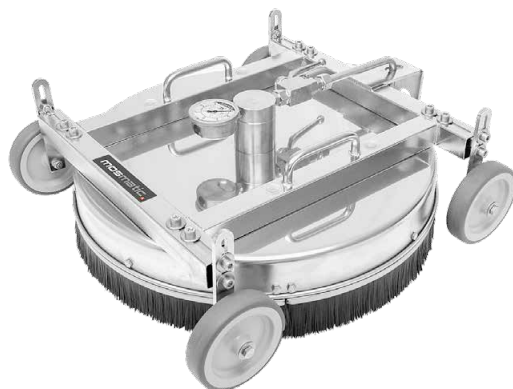
DYU Swivel (7300 psi) **DYT Swivel (4000 psi)**
Part No. 59.916 Part No. 59.907

Name	Part No.	ø	Width	Height	Weight	Rotor Arm	HP-Nozzles
DR-520	80.658	21"	21.6"-25.2"	7.7"-9"	31.9 lbs	2x 1/8" NPTF	---
DR-520*	80.662	21"	21.6"-25.2"	7.7"-9"	31.9 lbs	2x 1/8" NPTF	---

* Pressure: 7300 psi / Inlet G1/4" F

TECHNICAL DATA

Pressure 4000 / 7300 psi
Temperature 250°F
Inlet 3/8" NPTF
G1/4" F

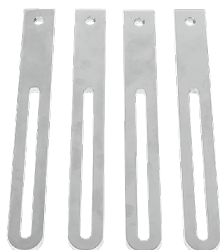


DR-520

Height adjusters long

Add an additional 2.4" height if needed, e.g. for corrugated roofs.

Part No. 904.351 (1 pcs)
Requires 4 pieces



Pedal switch

For additional safety, Mosmatic recommends you turn your flow on and off using the optional pedal switch.

Part No. 80.987



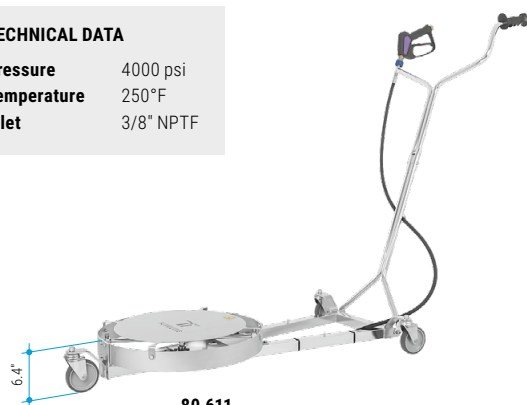
- ✓ Ergonomical and versatile
- ✓ Easy to maneuver
- ✓ Ready to use
- ✓ Complete stainless steel

The Hurricane makes it easier to clean underneath vehicles. Can be used on cars, trucks, agricultural machinery, at construction sites and other types of vehicles without using a car lift. There are various heights and models with diameters of 21" or 30", and they come with HP nozzles or with stabilizer nozzles. The Hurricane Series is time saving and cost efficient and can be used with cold or hot pressure pumps.



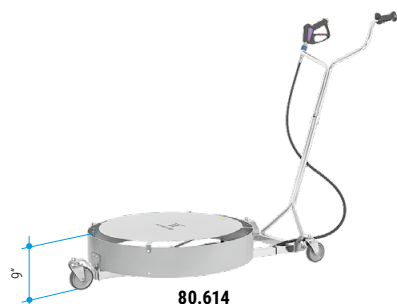
TECHNICAL DATA

Pressure 4000 psi
Temperature 250°F
Inlet 3/8" NPTF



80.611

HUR-520



80.614

HUR-750

FEATURES

Stabilizer Nozzles

With the stabilizer nozzle, you can increase the distance and pressure impact to your surface. Standard on 80.613 and 80.614.



HP-Nozzles

Standard HP, 15° nozzles are used to achieve the cleaning on the object. These nozzles are used on the models 80.611 and 80.612.



Rotor Arms

Can withstand up to 4000 psi, are precision welded and balanced.



Part No. 82.891 ø18.5" Part No. 82.9014 ø27.5"

Swiss Engineering

High rpm stainless steel swivel features reinforced self lubricated stainless steel ball bearings for improved performance. The dual spring based carbide seal system, guarantees long lasting operation under tough conditions.



Part No. 58.553

Hurricane

Name	Part No.	ø	min. Clearance	Weight	HP-Nozzles	HP-Gun	Caster/Wheels
HUR-520	80.611	21"	6.5"	33 lbs	2x 1503	1x	3x ø4"
HUR-750	80.612	30"	6.5"	42 lbs	3x 1503	1x	3x ø4"
HUR-520	80.613	21"	9.1"	37 lbs	2x 0003 EG	1x	3x ø4"
HUR-750	80.614	30"	9.1"	45 lbs	3x 0003 EG	1x	3x ø4"

Other nozzles sizes please order separately.



Accessories

Name	Part No.	Nozzles	HP-Gun	Upper Fork	LP-Hose	Weight
Low pressure package	80.9011	--- *	1x	1x	1x	8.4 lbs

* Nozzles not included, please order separately.

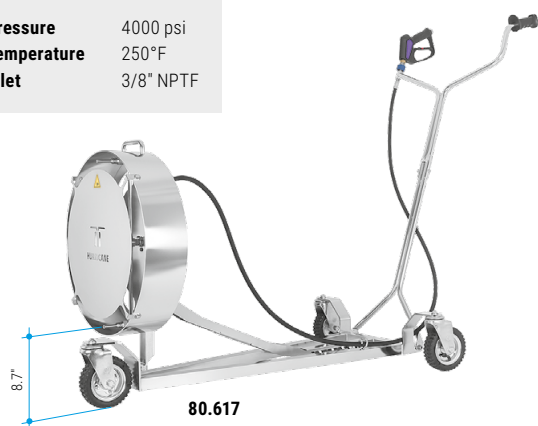
Important: Do not use unprotected!

- ✓ 6 different cleaning angles
- ✓ Ergonomical and versatile
- ✓ Easy to maneuver
- ✓ Ready to use
- ✓ Complete stainless steel



TECHNICAL DATA

Pressure 4000 psi
Temperature 250°F
Inlet 3/8" NPTF



80.617
HURp-520

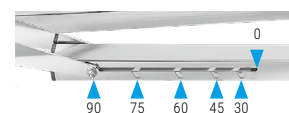


80.618
HURpz-520

FEATURES

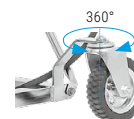
Cleaning angles

The Hurricane Pro cleaner offers the ability to pivot the spray deck which allows for multiple cleaning angles. Deck adjustment from 0° to maximum 90°.



Large casters

Three large casters make your cleaning job easier with full range of motion, allowing you to maneuver even on rough surfaces.



Stabilizer Nozzles

With the stabilizer nozzle, you can increase the distance and pressure impact to your surface. Standard on 80.617 and 80.618.



Rotor Arms

Can withstand up to 4000 psi, are precision welded and balanced.



Part No. 82.891 ø18.5" Part No. 82.9014 ø27.5"

Swiss Engineering

High rpm stainless steel swivel features reinforced self lubricated stainless steel ball bearings for improved performance. The dual spring based carbide seal system, guarantees long lasting operation under tough conditions.



Part No. 58.553

Low pressure option

This provides the ability to apply chemicals at low pressure, for example, salt neutralization, oil removal or other chemical applications.



Hurricane Pro

Name	Part No.	ø	min. Clearance	Weight	HP-Nozzles	LP-Nozzles	HP-Gun	Casters
HURp-520	80.617	21"	8.9"	68 lbs	2x 0003 EG	--	1x	3x ø6"
HURpz-520	80.618	21"	8.9"	75 lbs	2x 0003 EG	4x 1508	2x	3x ø6"

Other nozzles sizes please order separately.

Accessories

Name	Part No.	Nozzles	HP-Gun	Upper Fork	LP-Hose	Weight
Low pressure package	80.9011	--- *	1x	1x	1x	8.4 lbs

* Nozzles not included, please order separately.

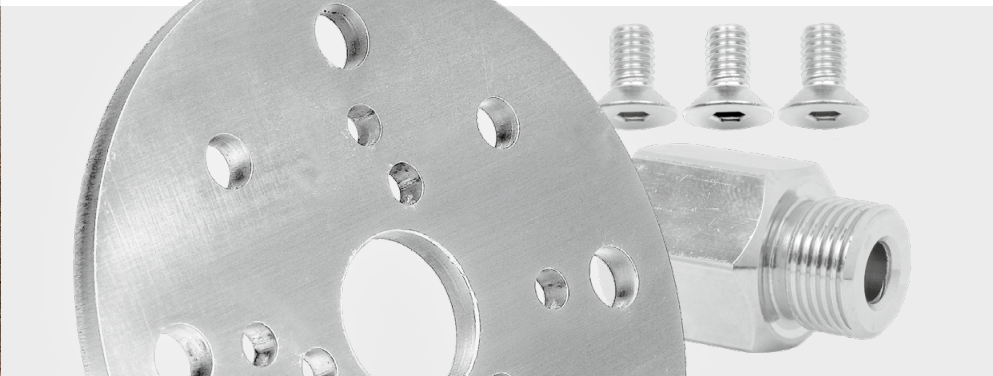
Important: Do not use unprotected!

SURFACE CLEANER UPGRADE KIT

- ✓ **Cost effective upgrade**
- ✓ **Easy to assemble**

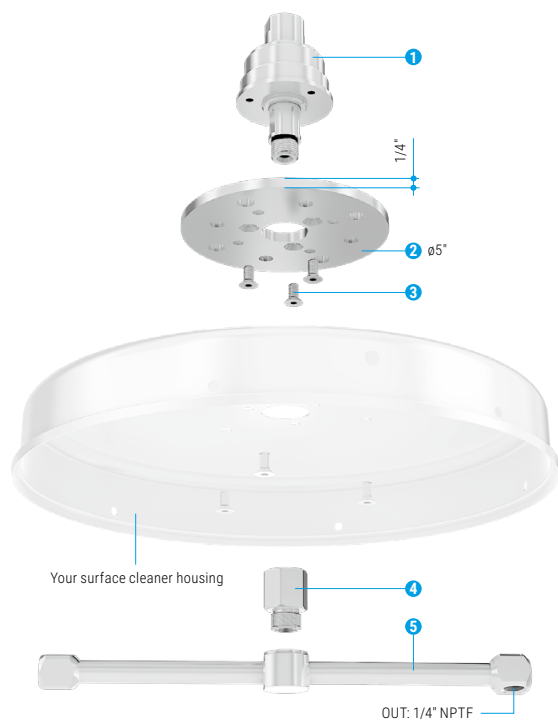


For those of you who do not currently own a Mosmatic and wish to upgrade your equipment. The Upgrade Kit will allow you to replace the important "working parts" of your surface cleaner with Mosmatic high quality components.



TECHNICAL DATA

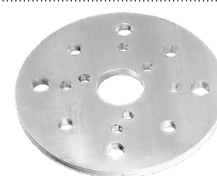
Pressure 5000 psi
Temperature 250°F
Inlet 3/8" NPTF



FEATURES

Adapter plate

The universal mounting plate allows you to mount the Mosmatic swivel on your existing housing. The plate has pre-drilled holes and adapts to most other brands of surface cleaners.



Extension fitting

The adapter is used to reduce the distance of the nozzle to the cleaning surface. Depending on the existing housing height, it may be necessary to use this optional adapter. The adapter will reduce the distance by 0.87".



Mounting bolts

Includes 3 bolts for fastening the adapter plate to swivel.



Upgrade Kit

Name	Part No.	Includes
FL-Z	55.903	2 Adapter plate, 3 Mounting bolts, 4 Distance-adapter

FEATURES

Swivel

High rpm stainless steel swivel features reinforced self lubricated stainless steel ball bearings for improved performance. The dual spring based carbide seal system, guarantees long lasting operation under tough conditions.



Rotor Arms

Can withstand up to 5000 psi, are precision welded and balanced.



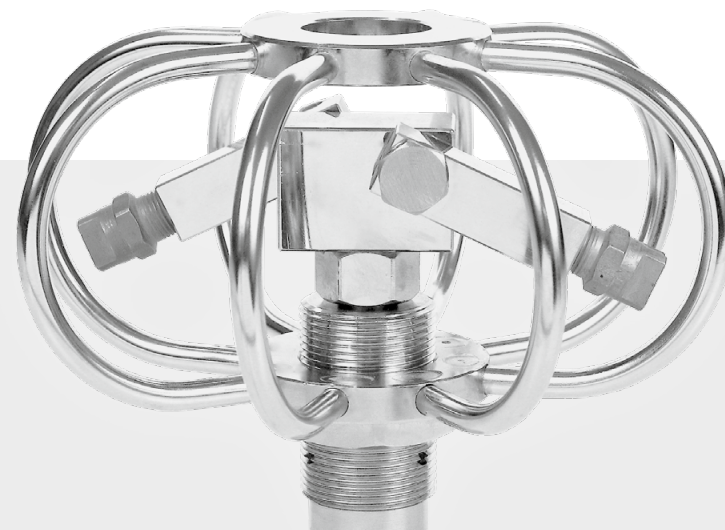
ALL-IN-ONE PACKAGES

Includes the above Upgrade Kit 55.903, a swivel and rotor arm of your choice.

Name	Part No.	Includes
FL-Z	55.913	1 DYC Swivel 3/8" NPTF, 2 Adapter plate, 3 Mounting bolts, 4 Distance-adapter, 5 Rotor Arm TKA 2w2 1/4" ø12"
FL-Z	55.914	1 DYC Swivel 3/8" NPTF, 2 Adapter plate, 3 Mounting bolts, 4 Distance-adapter, 5 Rotor Arm TKA 2w2 1/4" ø16"
FL-Z	55.915	1 DYC Swivel 3/8" NPTF, 2 Adapter plate, 3 Mounting bolts, 4 Distance-adapter, 5 Rotor Arm TKA 3w3 1/4" ø18"

Nozzles not included.

- ✓ Easy installation
- ✓ Self rotating and stainless steel
- ✓ Adjustable and non adjustable versions
- ✓ Protection plate available
- ✓ Maintenance free



(81.526)

* Nozzles not included.

Important:
Do not use unprotected!

TYR *adjustable*

The adjustable arms allow different spray angles. Perfect for horizontal ducts and tanks.

warm water		cold water					
TYR-2s	TYR-3s	TRR-2s	TRR-3s				
Part No.	Part No.	Part No.	Part No.	ø	IN	Height	Weight
81.505	81.705	85.505	85.705	3"	1/4" NPTF	2.4"	1.1 lbs
81.506	81.706	85.506	85.706	3"	3/8" NPTF	2.4"	1.1 lbs
81.525	81.725	85.525	85.725	6"	1/4" NPTF	2.8"	2.2 lbs
81.526	81.726	85.526	85.726	6"	3/8" NPTF	2.8"	2.2 lbs
81.555	81.755	85.555	85.755	12"	1/4" NPTF	2.8"	2.8 lbs
81.556	81.756	85.556	85.756	12"	3/8" NPTF	2.8"	2.8 lbs
81.565	81.765	85.565	85.765	16"	1/4" NPTF	2.8"	3.3 lbs
81.566	81.766	85.566	85.766	16"	3/8" NPTF	2.8"	3.3 lbs
81.575	81.775	85.575	85.775	20"	1/4" NPTF	2.8"	3.5 lbs
81.576	81.776	85.576	85.776	20"	3/8" NPTF	2.8"	3.5 lbs
81.585	81.785	85.585	85.785	24"	1/4" NPTF	2.8"	3.9 lbs
81.586	81.786	85.586	85.786	24"	3/8" NPTF	2.8"	3.9 lbs



(81.426)

* Nozzles not included.

Important:
Do not use unprotected!

TYR *fixed*

The non adjustable arms with fixed spray angle is perfect for vertical chutes.

warm water		cold water					
TYR-2f	TYR-3f	TRR-2f	TRR-3f				
Part No.	Part No.	Part No.	Part No.	ø	IN	Height	Weight
81.405	81.605	85.405	85.605	3"	1/4" NPTF	2.4"	1.1 lbs
81.406	81.606	85.406	85.606	3"	3/8" NPTF	2.4"	1.1 lbs
81.425	81.625	85.425	85.625	6"	1/4" NPTF	2.8"	2.2 lbs
81.426	81.626	85.426	85.626	6"	3/8" NPTF	2.8"	2.2 lbs
81.455	81.655	85.455	85.655	12"	1/4" NPTF	2.8"	2.8 lbs
81.456	81.656	85.456	85.656	12"	3/8" NPTF	2.8"	2.8 lbs
81.465	81.665	85.465	85.665	16"	1/4" NPTF	2.8"	3.3 lbs
81.466	81.666	85.466	85.666	16"	3/8" NPTF	2.8"	3.3 lbs
81.475	81.675	85.475	85.675	20"	1/4" NPTF	2.8"	3.5 lbs
81.476	81.676	85.476	85.676	20"	3/8" NPTF	2.8"	3.5 lbs
81.485	81.685	85.485	85.685	24"	1/4" NPTF	2.8"	3.9 lbs
81.486	81.686	85.486	85.686	24"	3/8" NPTF	2.8"	3.9 lbs

TECHNICAL DATA

Pressure	4000 psi
Temperature	TYR 250°F / TRR 90°F
Inlet	see chart
Body	stainless steel
RPM	TYR 2000 rpm / TRR 1000 rpm

Nozzles	2f/2s for 2x 1/8" Nozzles* 3f/3s for 3x 1/8" Nozzles*
Throughput	ph 3 - 12

TRL WAND

- ✓ Complete solution
- ✓ Delivered ready to install
- ✓ Ergonomic design



TECHNICAL DATA

Pressure	4000 psi
Temperature	250°F
Inlet	3/8" NPTF
Throughput	ph 3 - 12

Important: Do not use unprotected!

This complete cleaning wand with rotating spinner head was designed to clean tanks, trash cans, plastic containers and portable toilets. There are three nozzles included with the spinner head. Two are adjustable nozzles and are located on the side and one on the end of the unit. Side cleaning nozzles also prevent forward blowback.



TRL Wand

with swivel

Part No.	IN	Swivel	Length	ø	HP-Nozzle	Weight
81.925	3/8" NPTF	yes	62"	6"	3x 0502	5.5 lbs

HP SPECIAL WAND

- ✓ HP-Gun with low trigger force and swivel
- ✓ Variable handle
- ✓ With different nozzles available



TECHNICAL DATA

Pressure	4000 psi
Temperature	250°F
Nominal width	1/4"
Throughput	ph 3 - 12

Important: Do not use unprotected!

The Mosmatic standard wands made of high quality stainless steel are now available with special nozzles. It can be chosen between Wand with Turbo Nozzle, with Chewing gum remover nozzle or with the Standard Mosmatic Nozzle. The solid construction and the unique workmanship ensure longevity and value.



HP Rotor-Wand

Part No.	Total length	Swivel	Nozzle	Weight
24.919	52"	yes	14.915	4.6 lbs

Inlet 3/8" NPTF



HP Gum-Wand

Part No.	Total length	Swivel	Nozzle	Weight
24.929	52"	yes	29.119	4.4 lbs

Inlet 3/8" NPTF



HP Standard-Wand

Part No.	Total length	Swivel	Nozzle	Weight
24.939	49"	yes	---	3.3 lbs

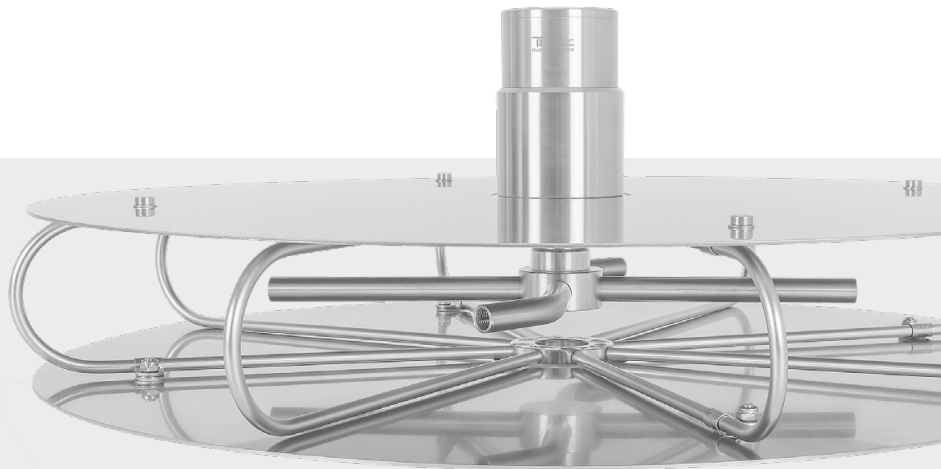
Inlet 3/8" NPTF

MANHOLE CLEANER

- ✓ With protection plate
- ✓ Optimal cleaning of vertical main
- ✓ Easy to use

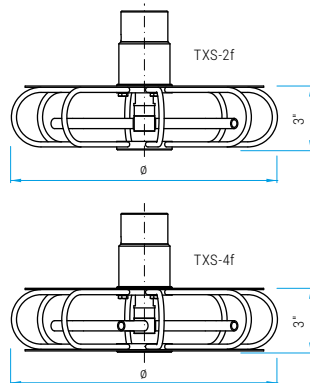


The Mosmatic Manhole Cleaner is ideal for the restoration, cleaning and service of manholes, liftstations and other long verticle drops. Easy to use self rotating equipment made for higher flow rates. Stainless Steel protection plate included. Choose from a variety of sizes.



TECHNICAL DATA

Pressure	2500 psi
Temperature	250°F
Inlet	1/2" NPTF (TXS-2f) 1" NPTF (TXS-4f)
Body	stainless steel
Nozzles*	for 2x 1/8" (TXS-2f) for 4x 1/8" (TXS-4f)
Throughput	ph 3 - 12



TXS-2f with protective plate

Part No.	Ø	Weight
81.037	12"	8.1 lbs
81.047	16"	9.7 lbs
81.057	20"	11.7 lbs
81.067	24"	14.1 lbs
81.087	32"	14.3 lbs

* Nozzles not included.

TXS-4f with double protective plate

Part No.	Ø	Weight
81.923	20"	15.4 lbs
81.928	16"	11.9 lbs

Important: Do not use unprotected!

SILO CLEANER

- ✓ Adjusts to your application
- ✓ Equipped with stabilizer nozzles
- ✓ Completely maintenance-free



Mosmatic has a solution for cleaning Silo's and other large diameter verticle drops. The extendable arms with rollers help guide and maintain a close surface cleaning impact. Simply attach a suspension cable to the eyelets and use your winch to raise and lower the Silo Cleaner. Stabilizer nozzles increase the cleaning distance and impact and maintain a more concentrated spray pattern. Stainless steel construction and maintenance free design help to ensure long life and reliability.



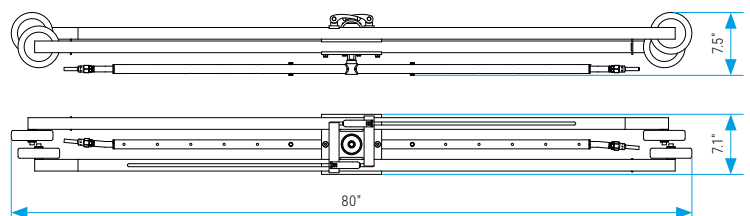
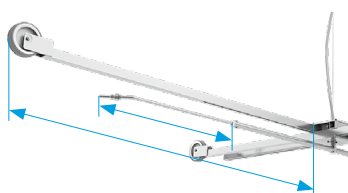
Silo-R

Part No.	Length/Width	Height	Rotor Arm	Nozzles	Wheels	Weight
81.095	6'6"-11'6"	8"	82.9036	2x 0005 EG	4x Ø4"	55 lbs

FEATURES

Variable Lengths & Foldable

The length of the rotating arm is easily adjusted from 80" to 140". Folding the Silo Cleaner allows for a tight fit into the Silo loading port.



TECHNICAL DATA

Pressure	4000 psi
Temperature	250°F
Inlet	1/2" NPTF

CLEANING HEAD SPIDER

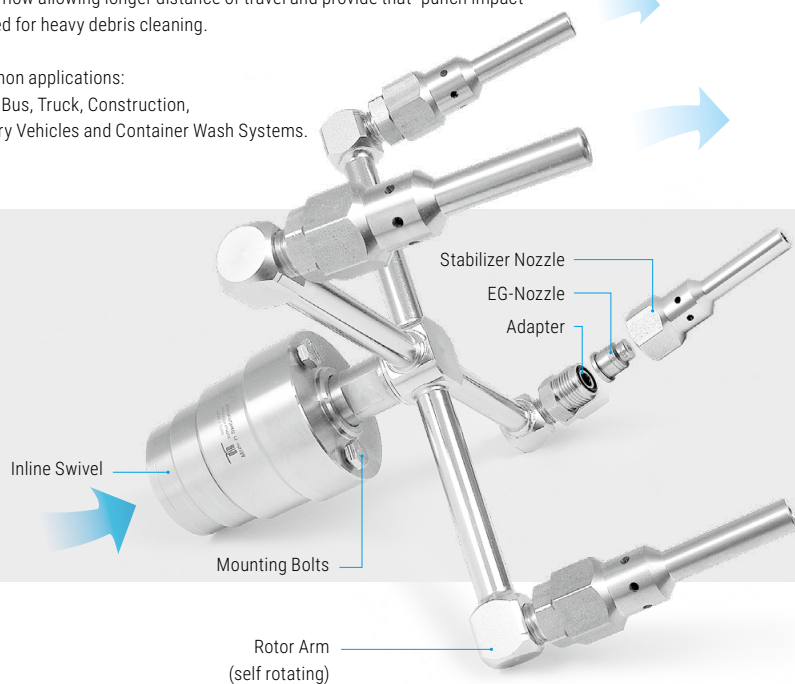
- ✓ Complete hydro-driven head for vehicle washes
- ✓ Long range impact stabilizer nozzles
- ✓ Stainless steel construction
- ✓ High and low volume versions available



This rotary-head equipped with four stabilizer nozzles makes it possible to clean all kinds of surfaces from a further distance without pressure loss. Air injection nozzles expand and contain the water flow allowing longer distance of travel and provide that "punch impact" needed for heavy debris cleaning.

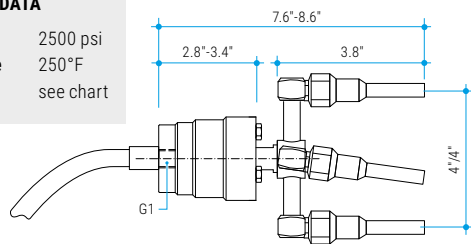
Common applications:

Train, Bus, Truck, Construction,
Military Vehicles and Container Wash Systems.



TECHNICAL DATA

Pressure 2500 psi
Temperature 250°F
Inlet see chart



Complete Cleaning Head Spider

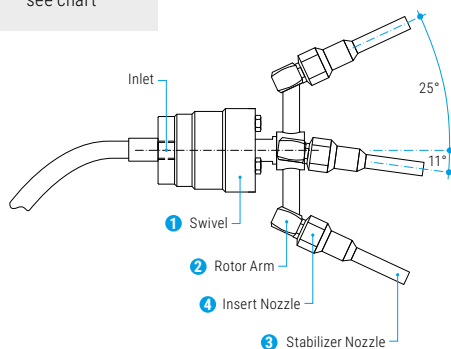
Part No.	G1 (F)	NW	Swivel	25° Rotor Arm	Stabilizer Nozzles	Insert Nozzle	Bolts
81.933	3/8" NPTF	9	DXTIs (39.663)	4w4 (82.954)	4x 14.901	---	3 Units
81.934	1/2" NPTF	12	DXTIs (39.865)	4w4 (82.9084)	4x 14.901	---	3 Units
81.935	3/4" NPTF	12	DXTIs (39.907)	4w4 (82.9084)	4x 14.901	---	3 Units
81.936	1" NPTF	12	DXTIs (39.905)	4w4 (82.9084)	4x 14.901	---	3 Units

* Requires 4x EG-nozzles, according to your pump specifications

TECHNICAL DATA

Pressure DYT 4000 psi
DXTI 2500 psi
Temperature 250°F
Inlet see chart

Design your personal Spider.
Choose the swivel, rotor arm and
the nozzles to suit your needs.
Follow the numbers **1-4**.



Individual 3/8" Cleaning Head Spider

1 Swivel (Inlet)	2 Rotor Arm (Diameter)	3 Stabilizer Nozzle	4 Insert Nozzle
59.663 DYT (3/8" NPTF)	82.9110 TKA 2w2 1/4" 11°/25° (4") 82.9111 TKA 2w2 1/4" 11°/25° (6") 82.9112 TKA 2w2 1/4" 11°/25° (8") 82.9113 TKA 4w4 1/4" 11°/25° (4"/4") 82.9114 TKA 4w4 1/4" 11°/25° (6"/6") 82.9115 TKA 4w4 1/4" 11°/25° (8"/8")	14.901	0002 EG 0003 EG 0004 EG 0005 EG 0006 EG 0007 EG 0008 EG 0009 EG 0010 EG 0011 EG 0012 EG 0014 EG 0018 EG 0020 EG

Individual 1/2" Cleaning Head Spider

1 Swivel (Inlet)	2 Rotor Arm (Diameter)	3 Stabilizer Nozzle	4 Insert Nozzle
39.865 DXTI (1/2" NPTF) 39.907 DXTI (3/4" NPTF) 39.905 DXTI (1" NPTF)	82.9120 TKA 2w2 1/4" 11°/25° (4") 82.9121 TKA 2w2 1/4" 11°/25° (6") 82.9122 TKA 2w2 1/4" 11°/25° (8") 82.9123 TKA 4w4 1/4" 11°/25° (4"/4") 82.9124 TKA 4w4 1/4" 11°/25° (6"/6") 82.9125 TKA 4w4 1/4" 11°/25° (8"/8")	14.901	0010 EG 0011 EG 0012 EG 0014 EG 0018 EG 0020 EG

FEATURES

Swiss Engineering

High rpm stainless steel swivel features reinforced self lubricated stainless steel ball bearings for improved performance.

Rotor Arms

Precision welded and balanced rotor arms offer smooth vibration free rotation, giving longer life to your rotary union.

Stabilizer Nozzles

The Mosmatic stabilizer nozzles included with your Spider ensure the effectiveness of your cleaning by increasing the distance and impact of your spray.

Part No. 14.901 (1/4" NPTM) without insert nozzle

Part No. 14.902 (1/8" NPTM) without insert nozzle



- ✓ Available with weep option
- ✓ Ergonomically molded
- ✓ Low Trigger Force Technology

Mosmatic offers a wide variety of high pressure guns. From our Low Trigger Force guns that offer 90% reduced holding and 40% less trigger force to models with built in live swivels. Standard and Weep model designs are also available.



Mosmatic HP Gun «Aero»

Pressure: 4000 psi, Temperature: 300°F
IN 3/8" NPTF, OUT 1/4" NPTF

Part No.	Weep	Weight
29.034	yes	1.1 lbs
29.045	no	1.1 lbs



Mosmatic HP Gun «Nano»

Pressure: 4000 psi, Temperature: 300°F
IN 3/8" NPTF, OUT 1/4" NPTF

Part No.	Weep	Weight
29.063	---	1.8 lbs
29.082	yes	1.8 lbs

IN G3/8" F, OUT G1/4" F

Part No.	Weep	Groove	Free flow	Weight
29.967	---	---	yes	1.8 lbs



HP Gun «Starlet»

Pressure: 3600 psi, Temperature: 300°F
IN 3/8" NPTF, OUT 1/4" NPTF

Part No.	Weep	Weight
29.033	yes	1.8 lbs



Mosmatic HP Gun «Neo»

Temperature: 300°F
IN 3/8" NPTF, OUT 1/4" NPTF

Part No.	Weep	LTF	Swivel	Pressure	Color	Weight
29.081	---	yes	---	5000 psi	purple	1.3 lbs
29.132	---	yes	yes	5000 psi	purple	1.3 lbs
29.134	yes	yes	yes	5000 psi	purple	1.3 lbs
29.142	yes	yes	---	5000 psi	purple	1.3 lbs

LTF = Low Trigger Force



Mosmatic HP Gun «Neo»

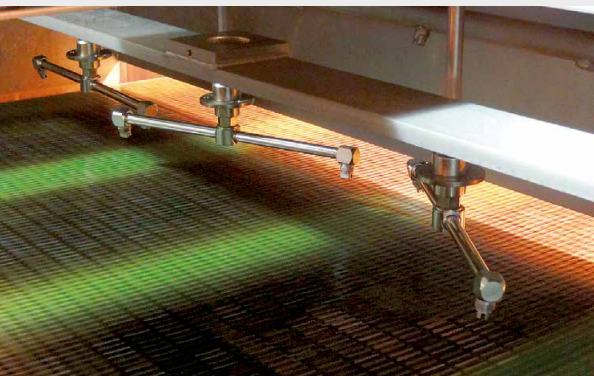
Temperature: 300°F
IN 1/2" NPTF, OUT 1/2" NPTF

Part No.	Weep	LTF	Swivel	Pressure	Color	Weight
29.136	---	---	---	8700 psi	blue	1.5 lbs

LTF = Low Trigger Force

- ✓ Polished stainless steel
- ✓ Solid yet light construction
- ✓ Precision welded and balanced

High pressure rotor arms are constructed of stainless steel and come in a variety of configurations. Welded and balanced to eliminate dangerous vibrations and ensure smooth performance.



Important:
Do not use rotor arms unprotected!



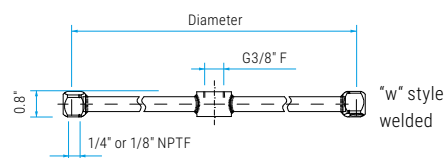
TKA-2w2 (for two nozzles)

Part No. 1/4" Nozzles	Part No. 1/8" Nozzles	Diameter
82.705	82.805	4"
82.706	82.806	6"
82.707	82.807	8"
82.708	82.808	10"
82.709	82.809	12"
82.710	82.810	14"
82.711	82.811	16"
82.712	82.812	18"
82.713	82.813	20"
82.714	82.814	22"
82.715	82.815	24"

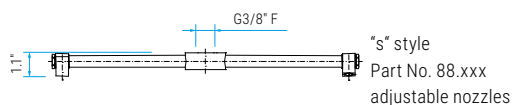
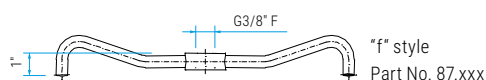
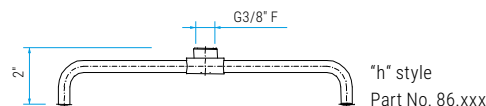


TKA-3w3 (for three nozzles)

Part No. 1/4" Nozzles	Part No. 1/8" Nozzles	Diameter
82.765	82.865	4"
82.766	82.866	6"
82.767	82.867	8"
82.768	82.868	10"
82.769	82.869	12"
82.770	82.870	14"
82.771	82.871	16"
82.772	82.872	18"
82.773	82.873	20"
82.774	82.874	22"
82.775	82.875	24"



Other styles



TKA-2w3 (for three nozzles)

Part No. 1/4" Nozzles	Part No. 1/8" Nozzles	Diameter
82.720	82.820	4"
82.721	82.821	6"
82.722	82.822	8"
82.723	82.823	10"
82.724	82.824	12"
82.725	82.825	14"
82.726	82.826	16"
82.727	82.827	18"
82.792	82.892	18.5"
82.728	82.828	20"
82.729	82.829	22"
82.730	82.830	24"



TKA-4w4 (for four nozzles)

Part No. 1/4" Nozzles	Part No. 1/8" Nozzles	Diameter
82.731	82.831	8"/8"
82.733	82.833	14"/8"
82.735	82.835	16"/6"
82.737	82.837	16"/10"
82.742	82.842	18.5"/14"
82.743	82.843	20"/14"

TKA-4w5 (for five nozzles)

Part No. 1/4" Nozzles	Part No. 1/8" Nozzles	Diameter
82.746	82.846	8"/8"
82.748	82.848	14"/8"
82.750	82.850	16"/6"
82.752	82.852	16"/10"
82.757	82.857	18.5"/14"
82.758	82.858	20"/14"

Matching swivel are models: DYT, DYCI, DYF, DYG, DYL

Mosmatic offers a variety of hardened stainless steel high pressure nozzles. All wash jet nozzles (Meg) are available in various sizes and spray angles. Standard nozzles are 1/8" & 1/4" NPTM, spray angles 0°, 5°, 15° & 25° and sizes 2 through 10.

Nozzles not included.

TECHNICAL DATA

Pressure	4000 psi (27.5 MPa) also available as 7300 psi (50 MPa)
Temperature	250°F
Body & pipe	stainless steel
IN	G3/8" F
OUT (for nozzles)	1/4" NPTF / 1/8" NPTF
Throughput medium	pH 3-12

Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects, SV = profile ring fitting
D = diameter, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

NOZZLES

- ✓ 1/8", 1/4" and EG available
- ✓ Stainless steel
- ✓ Various spray angles



Mosmatic offers a variety of hardened stainless steel high pressure nozzles. All HP nozzles (Meg) are available in various sizes and spray angles. Standard nozzles are 1/8" & 1/4" NPT Male, spray angles 0°, 5°, 15° & 25° and sizes 2 through 10.

All EG nozzles, for use with stabilizer nozzles, have a 0° spray angle and are available from size 2 - 20.



HP

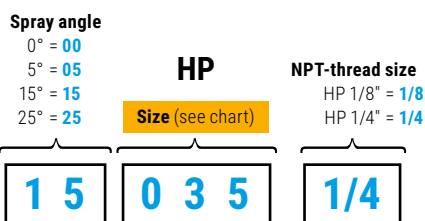
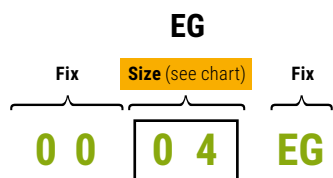


EG



Stabilizer Nozzle

Your Part No.



Nozzle recommendation (1 nozzle)

Size	Orifice	Flow rate in GPM at:													
		500 psi	600 psi	700 psi	800 psi	1000 psi	1200 psi	1500 psi	2000 psi	2500 psi	3000 psi	3500 psi	4000 psi	4500 psi	5000 psi
02	0.034	0.7	0.8	0.8	0.9	1.0	1.1	1.2	1.4	1.6	1.7	1.9	2.0	2.1	2.2
025	0.039	0.9	1.0	1.1	1.1	1.3	1.4	1.5	1.8	2.0	2.2	2.3	2.5	2.7	2.8
03	0.043	1.1	1.2	1.3	1.3	1.5	1.6	1.8	2.1	2.4	2.6	2.8	3.0	3.2	3.4
035	0.048	1.2	1.4	1.5	1.6	1.8	1.9	2.1	2.5	2.8	3.0	3.3	3.5	3.7	3.9
04	0.052	1.4	1.6	1.7	1.8	2.0	2.2	2.5	2.8	3.2	3.5	3.7	4.0	4.2	4.5
045	0.055	1.6	1.7	1.9	2.0	2.3	2.5	2.8	3.2	3.6	3.9	4.2	4.5	4.8	5.0
05	0.057	1.8	1.9	2.1	2.2	2.5	2.7	3.1	3.5	4.0	4.3	4.7	5.0	5.3	5.6
055	0.060	1.9	2.1	2.3	2.5	2.8	3.0	3.4	3.9	4.4	4.8	5.1	5.5	5.8	6.2
06	0.062	2.1	2.3	2.5	2.7	3.0	3.3	3.7	4.2	4.7	5.2	5.6	6.0	6.4	6.7
065	0.064	2.3	2.5	2.7	2.9	3.3	3.6	4.0	4.6	5.1	5.6	6.1	6.5	6.9	7.3
07	0.067	2.5	2.7	2.9	3.1	3.5	3.8	4.3	5.0	5.5	6.1	6.5	7.0	7.4	7.8
075	0.070	2.7	2.9	3.1	3.4	3.8	4.1	4.6	5.3	5.9	6.5	7.0	7.5	8.0	8.4
08	0.072	2.8	3.1	3.4	3.6	4.0	4.4	4.9	5.7	6.3	6.9	7.5	8.0	8.5	8.9
085	0.074	3.0	3.3	3.6	3.8	4.3	4.7	5.2	6.0	6.7	7.4	8.0	8.5	9.0	9.5
09	0.076	3.2	3.5	3.8	4.0	4.5	4.9	5.5	6.4	7.1	7.8	8.4	9.0	9.6	10.1
095	0.078	3.4	3.7	4.0	4.3	4.8	5.2	5.8	6.7	7.5	8.2	8.8	9.4	10.0	10.7
10	0.080	3.5	3.9	4.2	4.5	5.0	5.5	6.1	7.1	7.9	8.7	9.4	10.0	10.6	11.2
11	0.083	3.9	4.3	4.6	4.9	5.5	6.0	6.7	7.8	8.7	9.5	10.1	10.7	11.3	12.0
12	0.087	4.2	4.7	5.0	5.4	6.0	6.6	7.4	8.5	9.5	10.4	11.2	12.0	12.7	13.4
125	0.089	4.4	4.8	5.2	5.6	6.3	6.9	7.7	8.8	9.9	10.8	11.6	12.4	13.2	14.0
13	0.091	4.6	5.0	5.4	5.8	6.5	7.1	8.0	9.2	10.3	11.3	12.1	12.9	13.7	14.5
14	0.093	5.0	5.4	5.9	6.3	7.0	7.7	8.6	9.9	11.1	12.1	12.9	13.7	14.5	15.3
15	0.096	5.3	5.8	6.3	6.7	7.5	8.2	9.2	10.6	11.9	13.0	14.1	15.0	15.9	16.8
20	0.109	7.1	7.8	8.4	8.9	10.0	11.0	12.3	14.1	15.8	17.3	18.4	19.5	20.6	21.7



Ceramic nozzle (with swivel nut*)

Part No.	IN	Angle	Size
29.076*	G3/8" F	80°	040
29.076	---	80°	040



Foam nozzle

Part No.	IN	Angle	Size
18.50400	1/8"NPTM	50°	400



Stabilizer Nozzle

(without insert nozzle)

Part No.	IN
14.901	1/4" NPTM
14.902	1/8" NPTM

Nozzle recommendation (2 to 5 nozzles)

Pump capacity	Quantity of Nozzles / Pressure in psi:				
	Size	2 Nozzles	3 Nozzles	4 Nozzles	5 Nozzles
4 gpm	02	4000	1800	1000	700
	025	2200	1000	600	-
	03	1900	750	-	-
	04	1000	-	-	-
5 gpm	02	-	2800	1600	1000
	025	4000	1600	900	600
	03	2700	1300	600	-
	04	1500	650	-	-
6 gpm	02	-	4400	2250	1600
	025	-	2200	1300	900
	03	4000	1900	1000	650
	04	2400	1000	550	-
8 gpm	02	-	-	4000	2500
	025	-	-	2200	1500
	03	-	3200	1900	1100
	04	4000	1800	1000	600
10 gpm	02	-	-	-	4000
	025	-	-	4000	2200
	03	-	-	2750	1800
	04	-	2800	1500	1000
15 gpm	02	-	-	-	4000
	025	-	-	3750	2200
	03	-	-	2200	1400
	04	-	4000	1500	1000
20 gpm	02	-	-	-	4000
	025	-	-	4000	2500
	03	-	-	2750	1700
	04	-	3600	2000	1300

- ✓ Cut cleaning in half
- ✓ Wider coverage with a 0° spray

The Mosmatic Turbo Nozzle increases your Cleaning coverage. The 0 degree rotation creates a penetrating chiselling action, saving you time and money. Use this high pressure upgrade solution for hard surface applications such as concrete, graffiti removal or mud-encrusted vehicles. Turbo nozzles increase cleaning efficiency as much as 200% compared to a flat fan nozzle.



Turbo Nozzle «Rex»

Part No.	IN	Size	Color	max. Press.	max. Temp.	Weight
14.150	1/4" NPTF	3.0	yellow	5800 psi	212°F	1.3 lbs
14.151		3.5	purple			
14.152		4.0	brown			
14.153		4.5	lime			
14.154		5.0	black			
14.155		5.5	light blue			
14.156		6.0	red			
14.157		6.5	white			
14.158		7.0	pink			
14.159		8.0	orange			
14.160		9.0	green			
14.161		10.0	grey			

14.170	1/2" NPTF	3.0	yellow	3600 psi	212°F	1.3 lbs
14.171		3.5	purple			
14.172		4.0	brown			
14.173		4.5	lime			
14.174		5.0	black			
14.175		5.5	light blue			
14.176		6.0	red			
14.177		6.5	white			
14.178		7.0	pink			
14.179		8.0	orange			
14.180		9.0	green			
14.181		10.0	grey			

Other sizes upon request.

Turbo Nozzle «iRex»

Part No.	IN	Size	Color	max. Press.	max. Temp.	Weight
14.250	1/4" NPTF	3.0	yellow	5800 psi	194°F	1.3 lbs
14.251		3.5	purple			
14.252		4.0	brown			
14.253		4.5	lime			
14.254		5.0	black			
14.255		5.5	light blue			
14.256		6.0	red			
14.257		6.5	white			
14.258		7.0	pink			
14.259		8.0	orange			
14.260		9.0	green			
14.261		10.0	grey			

Other sizes upon request.



Hydro Digging Turbo Nozzle «iRex»


Part No.	IN	Size	Color	max. Press.	max. Temp.	Weight
14.279	1/2" NPTF	8.0	orange	2900 psi	194°F	1.3 lbs
14.280		9.0	green			
14.281		10.0	grey			

Other sizes upon request.


**Important: Always start turbo nozzles in down position.
Do not use unprotected!**


Legend


M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects, SV = profile ring fitting
D = diameter, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position


Adaptor with sieve	Part No.	Weight	
IN 3/8"NPTF, OUT 3/8"NPTM, MC 50	53.011	0.13 lbs	
IN 3/8"NPTF, OUT 3/8"NPTM, MC 200	53.012	0.13 lbs	
IN 1/2"NPTF, OUT 1/2"NPTM, MC 50	53.015	0.13 lbs	
IN 1/2"NPTF, OUT 1/2"NPTM, MC 200	53.016	0.13 lbs	


MC = Mesh count


Extension fitting	Part No.	Weight	
for DR-520 roof cleaner IN G3/8" F, OUT G3/8" M	38217	0.1 lbs	

Extension for surface cleaner	Part No.	Weight	
17", stainless IN M22x1.5 F, OUT G1/4" M	78.908	0.7 lbs	


Hand grip replacement kit	Part No.	Weight	
for Surface Cleaner ø8"/12"	78.945	0.4 lbs	

Height adjusters long	Part No.	Weight	
for DR-520 roof cleaner	904.351	0.4 lbs	




High pressure filter	Part No.	Weight	
IN 1/4" NPTF, OUT 1/4" NPTM	90.061	0.4 lbs	


Mosmatic HP Gun «NEO»	Part No.	Weight	
5000 psi, 300°F, Low Trigger Force IN 3/8" NPTF, OUT 1/4" NPTF	29.081	1.3 lbs	
8700 psi, 300°F, Low Trigger Force IN 1/2" NPTF, OUT 1/2" NPTF	29.136	1.5 lbs	



More products see HP Gun page.


Nozzle guard	Part No.	Weight	
plug on ø0.6" & G3/8" Other versions upon request.	29.010	0.02 lbs	


More products upon request.


Nozzles	Part No.	Weight	
Nozzle package #2 for AQUA surface cleaner	78.983	0.09 lbs	
Low pressure upgrade kit for Hurricane-Series	80.9011	8.4 lbs	
Gum remover nozzle, IN G1/4" F Size #3	29.102	1.3 lbs	
Gum remover nozzle, IN G1/4" F Size #4	29.103	1.3 lbs	
Gum remover nozzle, IN G1/4" F Size #5	29.119	1.3 lbs	
Ceramic nozzle, 80° angle Size 180 (040), IN G3/8" F	29.076	0.04 lbs	


Pedal switch	Part No.	Weight	
for DR-520 roof cleaner IN M22x1.5 M, OUT M22x1.5 F	80.987	31.0 lbs	


Protection plate	Part No.	Weight	
for Surface Cleaner ø8"	902.922	0.4 lbs	
for Surface Cleaner ø12"	900.066	1.2 lbs	
for Duct Cleaner ø12", stainless	901.022	1.5 lbs	
for Duct Cleaner ø16", stainless	901.023	2.9 lbs	
for Duct Cleaner ø20", stainless	901.024	4.6 lbs	
for Duct Cleaner ø24", stainless	901.025	6.6 lbs	
Screw-set	81.942	0.1 lbs	

Quick connection	Part No.	Weight	
IN M22x1.5 F, OUT 1/4", NW 1/8"	50.131	0.15 lbs	
IN M22x1.5 F, OUT 5/16", NW 7/32"	50.132	0.15 lbs	
IN M22x1.5 F, OUT 3/8", NW 1/4"	50.133	0.13 lbs	

Stabilizer Nozzle	Part No.	Weight	
1/4" NPTM, 3.7"	14.901	0.2 lbs	
1/8" NPTM, 3.7"	14.902	0.2 lbs	

Swivel for paint spray guns	Part No.	Weight	
IN 1/4" NPTF, OUT 1/8" M	32.906	0.8 lbs	
IN 1/8" NPTF, OUT 1/8" M	32.910	0.8 lbs	
IN 1/4" NPTF, OUT 1/4" M	32.915	0.9 lbs	

TYR Hook	Part No.	Weight	
stabilize your Duct Cleaner	81.905	0.2 lbs	

TYR Mobile (adjustable)	Part No.	Weight	
for ø6"-12" pipe	81.911	9.0 lbs	
for ø12"-20" pipe	81.902	9.5 lbs	
for ø20"-24" pipe	81.903	15.6 lbs	

Duct Cleaner not included.

Our goal:

To provide quality and reliability in design and performance.

ROTARY UNIONS

Car Wash Industry

Rim cleaning, self-service car wash, undercarriage or touchless wash systems, Mosmatic swivels have been a source for all major manufacturers.



High Pressure Cleaning Industry

With a proven design portfolio, Mosmatic offers a complete line of low and high rpm designs. From product advancements to exotic applications such as sea water we can assist, provide or design something for you.



Hydraulics and Pneumatics

Provide longer life and reliability to your hydraulic or high pressure hose applications with Mosmatic large variety of swivels.



Industrial Cleaning

With clean compact low profile designing, Mosmatic swivels can be integrated into many different application and installation areas. Don't compromise performance and design when we can assist with the right union for your needs.



 **OPTIMAL**  **ALTERNATIVE**

Application	DGK	DGV	DGVI	DGS	DKS	DGE	DGEI	DGR	WDE	WDG	WDB	WDC	WDEI	WDEI LP	WDRS	DGL	DGG	DGF	DXL	DYG	DXF	DXTI	DXLS	DXGS	DXFS	DYL	DYG	DYF	DYW	DYCI/DYDI	DYTI/DYU	DYKI	QVS
Agriculture																																	
Automatic carwashes																																	
Bus/Train/Truck wash systems																																	
Ceiling Boom																																	
Container wash																																	
Conveyor belt cleaning																																	
Duct cleaning																																	
Fire Service																																	
Fishnet cleaning																																	
Fleet wash																																	
Food Industry																																	
Hose																																	
Hose reels																																	
HP-Cleaner																																	
HP-Guns																																	
Hydraulic																																	
Mining Industry																																	
Municipal vehicle																																	
Paint Industry																																	
Parts washer																																	
Pipe cleaning																																	
Pneumatic																																	
Salt water																																	
Self-rotating application																																	
Surface Cleaner																																	
Tire cleaning																																	
Touchless carwash																																	
Tunnel wash systems																																	
Wands																																	
Wheel washer																																	

If you don't see your application on the chart, please contact us.

Inline + 90° Swivels

	Nominal width	Seal System	Pressure max. (psi)	RPM max. (rpm)	Temp. max. °F	Type	Page
Swivel, single bearing system, short	NW 1/8" - 1/4"	O-ring	4000	30	250	DGK	62
Swivel, single bearing system	NW 1/4" - 3/8"		4000	30	250	DGV	63
Swivel, single bearing system	NW 1/4"		7300	30	250	DGVI	64
Swivel, dual bearing system	NW 1/4" - 3/8"		4000	30	250	DGS	65
Swivel coupling, single bearing system	NW 1/8" - 1/4"		3600	30	250	DKS	66
Hi flo Swivel, single bearing system	NW 3/8" - 1 1/2"		4000	30	250	DGE	67
Hi flo Swivel, triple bearing system	NW 3/8" - 1 1/2"		5000	30	250	DGEI	68
Hi flo Swivel, quadruple bearing system	NW 1/2" - 2"		150-3000	70-200	40-180	DGR	69

90° Swivel	NW 1/4" - 1/2"	O-ring	4000	30	250	WDE	70
90° Swivel	NW 1/4" - 1/2"		2200/4000	30	200/250	WDG	71
90° Swivel, dual bearing system	NW 1/4" - 3/8"		4000	30-200	250	WDB	72
90° Swivel, dual bearing system	NW 1/2"		4000	30-200	250	WDC	73
90° Swivel, dual bearing system	NW 1/4" - 1"		3000/5800 725	30	250	WDEI WDEI LP	74
Hi flo 90° Swivel, dual bearing system	NW 3/8" - 2"		150-3000	60-150	40-180	WDRS	75

High RPM Swivels

Swivel, triple bearing system	NW 1/4" - 3/8"	O-ring	4000	1000	90	DGL	76
Swivel, triple bearing system, with bulkhead fitting	NW 1/4" - 3/8"		4000	1000	90	DGG	77
Swivel, triple bearing system, with flange	NW 1/4" - 3/8"		4000	1000	90	DGF	78

Swivel, triple bearing system	NW 1/4"	Ceramic	2500	2000	40-250	DXL	79
Swivel, triple bearing system	NW 1/4"		300	1000	350	DXLS / DXGS DXFS	80
Swivel, triple bearing system, with bulkhead fitting	NW 1/4"		2500	2000	40-250	DXG	81
Swivel, triple bearing system, with flange	NW 1/4"		2500	2000	40-250	DXF	82
Swivel, quadruple bearing system	NW 1/4" - 1/2"		2500	2000	250	DXTI	83

Swivel, triple bearing system	NW 1/4"	Carbide	4000	2000	250	DYL	84
Swivel, triple bearing system, with bulkhead fitting	NW 1/4" - 3/8"		4000	2000	250	DYG	85
Swivel, triple bearing system, with flange	NW 1/4"		4000	2000	250	DYF	86
Swivel, triple bearing system	NW 1/4"		5000	2000	250	DYW	87
Swivel, triple bearing system	NW 1/4"		5000/7300	2000	250	DYCI / DYDI	88
Swivel, quadruple bearing system	NW 1/4" - 3/8"		5000/7300	2000	250	DYT / DYU	89
Swivel, quadruple bearing system	NW 1/4" - 3/8"		5000	2000	250	DYKI	90

Accessories

Quick connects	QVS	91
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■ Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number.

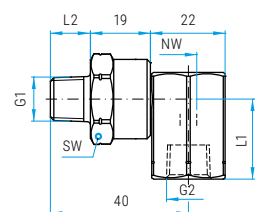
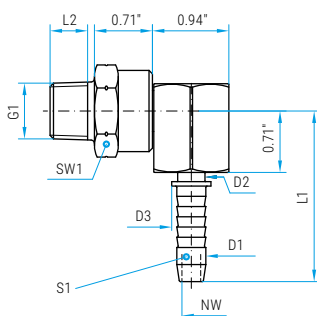
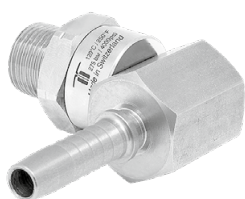
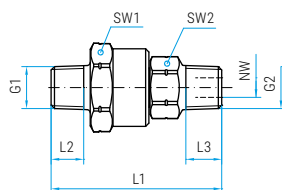
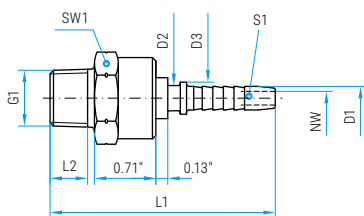
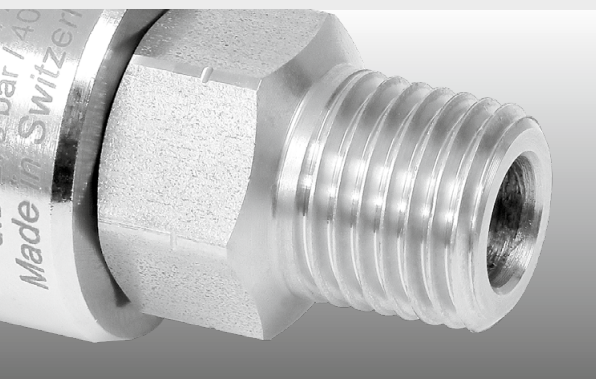
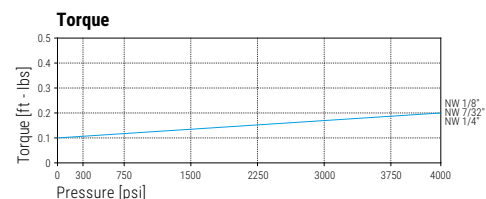
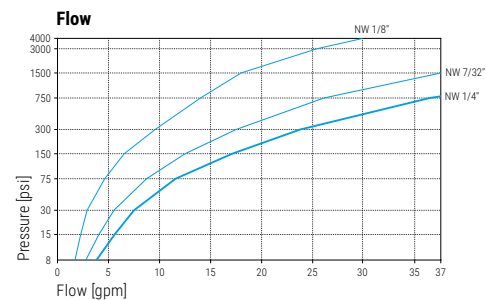
- ✓ Maintenance free
- ✓ Multitude of configurations
- ✓ Live rotation at maximum pressure
- ✓ Compact design

Application

HP-Guns, hose connections, hydraulics, tangle-free applications

TECHNICAL DATA

Pressure	4000 psi (27.5 MPa)
Temperature	250°F
RPM	max. 30 rpm
Body	stainless steel brass, nickel plated
Inner part	stainless steel
Seal	O-ring NBR (optional: EPDM or FKM)
Bearing	1x thrust ball bearing
Throughput medium	pH 3 - 12 filtered 10 microns compressed air (290 psi)



DGK

Part No.	G1 (M)	S1	NW	SW1	L1	L2	D1	D2	D3	Weight
32.081	1/4" NPTM	1/4"	1/8"	0.94	2.55	0.39	0.27	0.29	0.37	2.8 oz
32.082	1/4" NPTM	5/16"	7/32"	0.94	2.63	0.39	0.33	0.34	0.44	2.8 oz
32.089	1/4" NPTM	3/8"	1/4"	0.94	2.70	0.39	0.40	0.42	0.54	2.6 oz
32.181	3/8" NPTM	1/4"	1/8"	0.94	2.59	0.43	0.27	0.29	0.37	3.2 oz
32.182	3/8" NPTM	5/16"	7/32"	0.94	2.68	0.43	0.33	0.34	0.44	3.3 oz
32.189	3/8" NPTM	3/8"	1/4"	0.94	2.76	0.43	0.40	0.42	0.54	4.8 oz

DGK (single bearing, compact)

Part No.	G1 (M)	G2 (M)	NW	SW1	SW2	L1	L2	L3	Weight
32.051	1/4" NPTM	1/4" NPTM	1/4"	0.94	0.67	2.05	0.39	0.43	3.5 oz
32.053	1/4" NPTM	3/8" NPTM	1/4"	0.94	0.75	2.09	0.39	0.39	3.9 oz
32.153	3/8" NPTM	3/8" NPTM	1/4"	0.94	0.75	2.13	0.43	0.47	4.2 oz

DGK 90°

Part No.	G1 (M)	S1	NW	SW1	L1	L2	D1	D2	D3	Weight
32.381	1/4" NPTM	1/4"	1/8"	0.94	1.95	0.39	0.27	0.29	0.37	5.3 oz
32.382	1/4" NPTM	5/16"	7/32"	0.94	1.97	0.39	0.33	0.34	0.44	5.3 oz
32.389	1/4" NPTM	3/8"	1/4"	0.94	2.10	0.39	0.40	0.42	0.54	6.0 oz
32.481	3/8" NPTM	1/4"	1/8"	0.94	1.95	0.43	0.27	0.29	0.37	5.5 oz
32.482	3/8" NPTM	5/16"	7/32"	0.94	1.97	0.43	0.33	0.34	0.44	5.7 oz
32.489	3/8" NPTM	3/8"	1/4"	0.94	2.10	0.43	0.40	0.42	0.54	6.2 oz

DGK 90°

Part No.	G1 (M)	G1 (F)	NW	SW1	L1	L2	Weight
32.543	1/4" NPTM	1/4" NPTF	1/4"	0.94	0.94	0.39	5.6 oz
32.544	1/4" NPTM	3/8" NPTF	1/4"	0.94	1.06	0.39	5.5 oz
32.548	3/8" NPTM	1/4" NPTF	1/4"	0.94	0.94	0.39	5.9 oz
32.549	3/8" NPTM	3/8" NPTF	1/4"	0.94	1.06	0.39	5.8 oz

Legend

M... = metric thrust, .M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects
SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number.
Minimum orders apply.

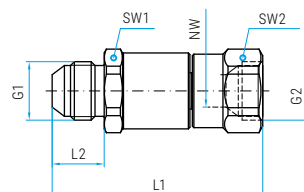
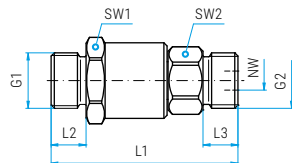
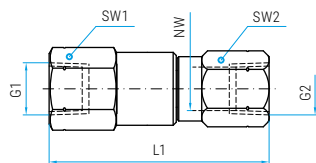
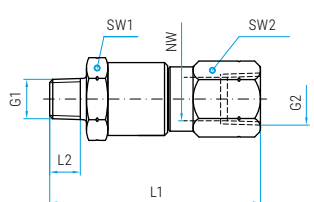
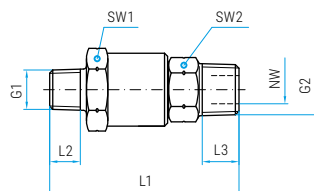
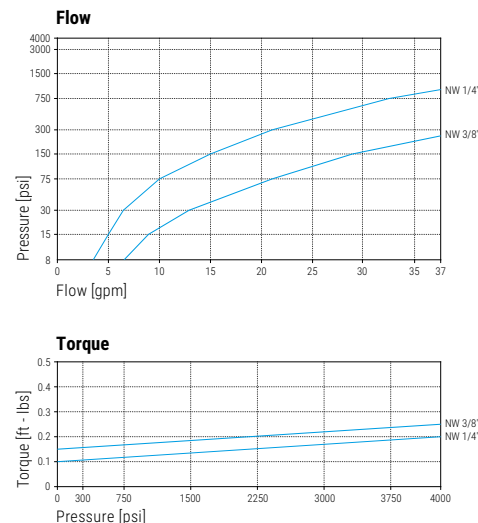
- ✓ Live rotation under maximum pressure
- ✓ Single bearing system
- ✓ Stainless steel internal parts
- ✓ Corrosion resistant
- ✓ Reinforced inner shaft
- ✓ Maintenance free

Application

HP-Guns, hose connections, hydraulics, tangle-free applications

TECHNICAL DATA

Pressure	4000 psi (27.5 MPa)
Temperature	250°F
RPM	max. 30 rpm
Body	stainless steel brass, nickel plated
Inner part	stainless steel
Seal	O-ring NBR (optional: EPDM or FKM)
Bearing	1x thrust ball bearing
Throughput medium	pH 3 - 12 filtered 10 microns compressed air (290 psi)



DGV

Part No.	G1 (M)	G2 (M)	NW	SW1	SW2	L1	L2	L3	Weight
32.551	1/4" NPTM	1/4" NPTM	1/4"	0.94	0.67	2.40	0.39	0.43	4.2 oz
32.553	1/4" NPTM	3/8" NPTM	1/4"	0.94	0.75	2.44	0.39	0.47	4.9 oz
32.561	3/8" NPTM	1/4" NPTM	1/4"	0.94	0.67	2.44	0.43	0.43	4.9 oz
32.563	3/8" NPTM	3/8" NPTM	1/4"	0.94	0.75	2.48	0.43	0.47	5.4 oz
32.861	1/2" NPTM	3/8" NPTM	3/8"	1.06	0.75	2.76	0.59	0.47	7.5 oz
32.863	1/2" NPTM	1/2" NPTM	3/8"	1.06	1.06	2.91	0.59	0.59	8.2 oz

Part No.	G1 (M)	G2 (F)	NW	SW1	SW2	L1	L2	Weight
32.552	1/4" NPTM	1/4" NPTF	1/4"	0.94	0.75	2.60	0.39	5.2 oz
32.554	1/4" NPTM	3/8" NPTF	1/4"	0.94	0.87	2.71	0.39	5.6 oz
32.562	3/8" NPTM	1/4" NPTF	1/4"	0.94	0.75	2.63	0.43	5.7 oz
32.564	3/8" NPTM	3/8" NPTF	1/4"	0.94	0.87	2.75	0.43	6.4 oz
32.854	3/8" NPTM	1/2" NPTF	3/8"	1.06	1.06	2.87	0.43	7.1 oz
32.864	1/2" NPTM	1/2" NPTF	3/8"	1.06	1.06	3.03	0.59	8.7 oz
32.924	3/8" NPTM	1/2" NPTF	1/4"	0.94	1.06	2.91	0.43	7.5 oz

Part No.	G1 (F)	G2 (F)	NW	SW1	SW2	L1	Weight
32.557	1/4" NPTF	1/4" NPTF	1/4"	0.94	0.75	2.72	6.5 oz
32.559	1/4" NPTF	3/8" NPTF	1/4"	0.94	0.87	2.83	6.6 oz
32.567	3/8" NPTF	1/4" NPTF	1/4"	0.94	0.75	2.76	6.6 oz
32.569	3/8" NPTF	3/8" NPTF	1/4"	0.94	0.87	2.87	7.1 oz

DGV Face seal

Part No.	G1 (M)	G2 (M)	NW	SW1	SW2	L1	L2	L3	Weight
32.571	11/16"-16UN	11/16"-16UN	1/4"	0.94	0.87	2.32	0.43	0.43	4.9 oz
32.871	13/16"-16UN	13/16"-16UN	3/8"	1.06	0.94	2.44	0.43	0.43	6.6 oz

DGV Hydraulic

Part No.	G1 (M)	G2 (F)	NW	SW1	SW2	L1	L2	Weight
32.926	3/4" JIC M	3/4" JIC F	3/8"	1.00	1.00	2.71	0.67	6.0 oz

Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects
SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number.
Minimum orders apply.

- ✓ Live rotation under maximum pressure
- ✓ Complete stainless steel construction
- ✓ Single bearing system
- ✓ Corrosion resistant
- ✓ Maintenance free

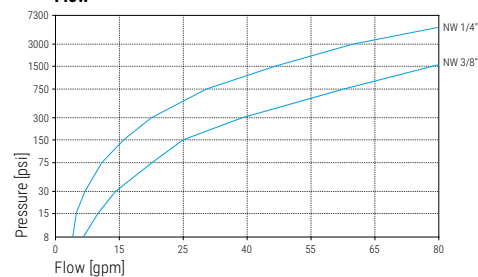
Application

HP-guns, high pressure hose reels, hydraulics, tangle-free applications

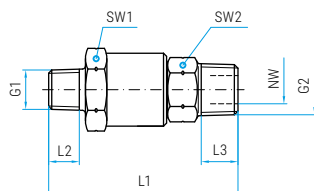
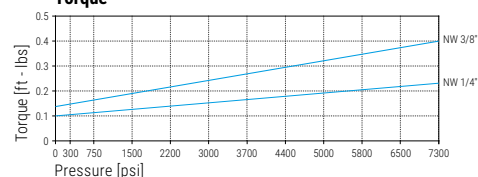
TECHNICAL DATA

Pressure	7300 psi (50 MPa)
Temperature	250°F
RPM	max. 30 rpm
Body	stainless steel
Inner part	stainless steel
Seal	O-ring NBR (optional: EPDM or FKM)
Bearing	1x thrust ball bearing
Throughput medium	pH 3 - 12 filtered 10 microns compressed air (290 psi)

Flow

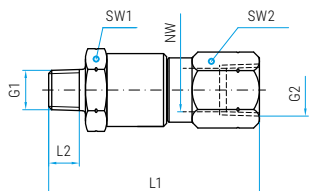


Torque

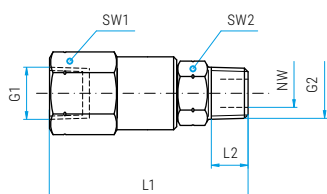


DGVI

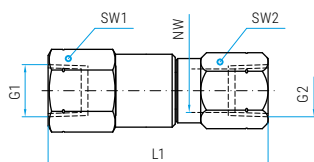
Part No.	G1 (M)	G2 (M)	NW	SW1	SW2	L1	L2	L3	Weight
32.763	3/8" NPTM	3/8" NPTM	1/4"	0.94	0.75	2.48	0.43	0.47	5.4 oz



Part No.	G1 (M)	G2 (F)	NW	SW1	SW2	L1	L2	Weight
32.752	1/4" NPTM	1/4" NPTF	1/4"	0.94	0.75	2.60	0.39	5.2 oz
32.764	3/8" NPTM	3/8" NPTF	1/4"	0.94	0.87	2.75	0.43	6.4 oz
32.894	1/2" NPTM	1/2" NPTF	3/8"	1.06	1.06	2.95	0.59	8.8 oz



Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	L1	L2	Weight
32.768	3/8" NPTF	3/8" NPTM	1/4"	0.94	0.75	2.60	0.47	5.9 oz



Part No.	G1 (F)	G2 (F)	NW	SW1	SW2	L1	Weight
32.769	3/8" NPTF	3/8" NPTF	1/4"	0.94	0.87	2.87	7.1 oz

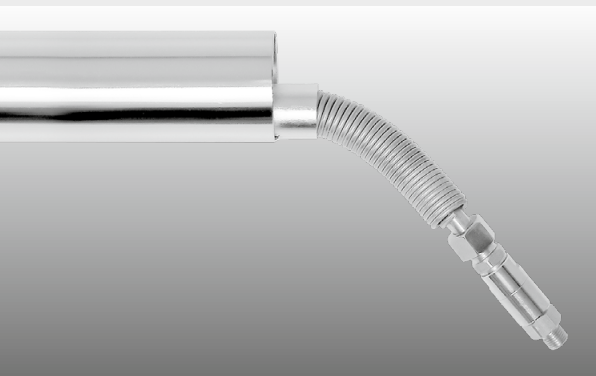
Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects
SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number.
Minimum orders apply.

- ✓ Very low torque
- ✓ Sealed stainless steel bearings
- ✓ Maintenance free
- ✓ Easy rotation at maximum pressure



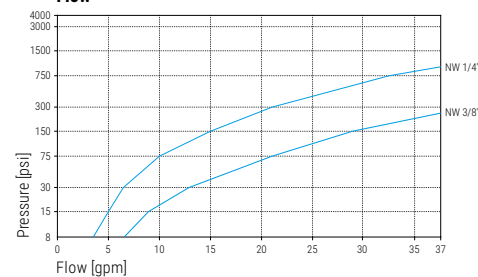
Application

High and low pressure cleaning, hose connections, ceiling booms, hydraulic

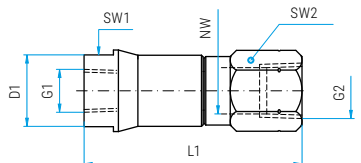
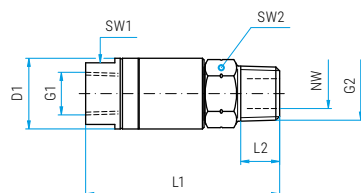
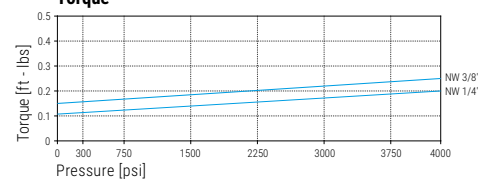
TECHNICAL DATA

Pressure	4000 psi (27.5 MPa)
Temperature	250°F
RPM	max. 30 rpm
Body	brass, nickel plated
Inner part	stainless steel
Seal	O-ring NBR (optional: EPDM or FKM)
Bearing	1x thrust ball bearing 1x radial ball bearing
Throughput medium	pH 3 - 12 filtered 10 microns compressed air (290 psi)

Flow



Torque



DGS

Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	L1	L2	D1	Weight
30.051	1/4" NPTF	1/4" NPTM	1/4"	0.75	0.67	2.32	0.43	0.86	4.1 oz
30.053	1/4" NPTF	3/8" NPTM	1/4"	0.75	0.75	2.36	0.47	0.86	4.6 oz
30.153	3/8" NPTF	3/8" NPTM	1/4"	0.87	0.75	2.36	0.47	0.98	4.6 oz
30.653	3/8" NPTF	3/8" NPTM	3/8"	0.87	0.75	2.43	0.47	0.98	6.0 oz

Part No.	G1 (F)	G2 (F)	NW	SW1	SW2	L1	D1	Weight
30.014	G1/4" F	3/8" NPTF	1/4"	0.75	0.87	2.63	0.86	5.5 oz
30.052	1/4" NPTF	1/4" NPTF	1/4"	0.75	0.75	2.52	0.86	4.9 oz
30.054	1/4" NPTF	3/8" NPTF	1/4"	0.75	0.87	2.63	0.86	5.6 oz
30.154	3/8" NPTF	3/8" NPTF	1/4"	0.87	0.87	2.63	0.98	5.6 oz
30.654	3/8" NPTF	3/8" NPTF	3/8"	0.87	0.87	2.71	0.98	6.0 oz

Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects
SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number.
Minimum orders apply.

- ✓ Live rotation under maximum pressure
- ✓ Single bearing system
- ✓ Self-lubricating ball bearings
- ✓ Easy to install

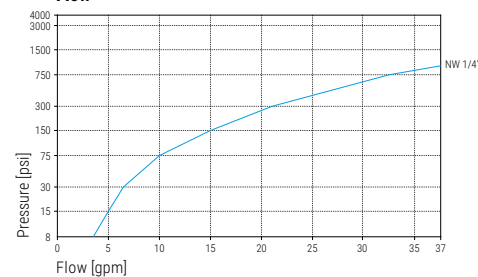
Application

High pressure cleaning, hose connections, quick coupling

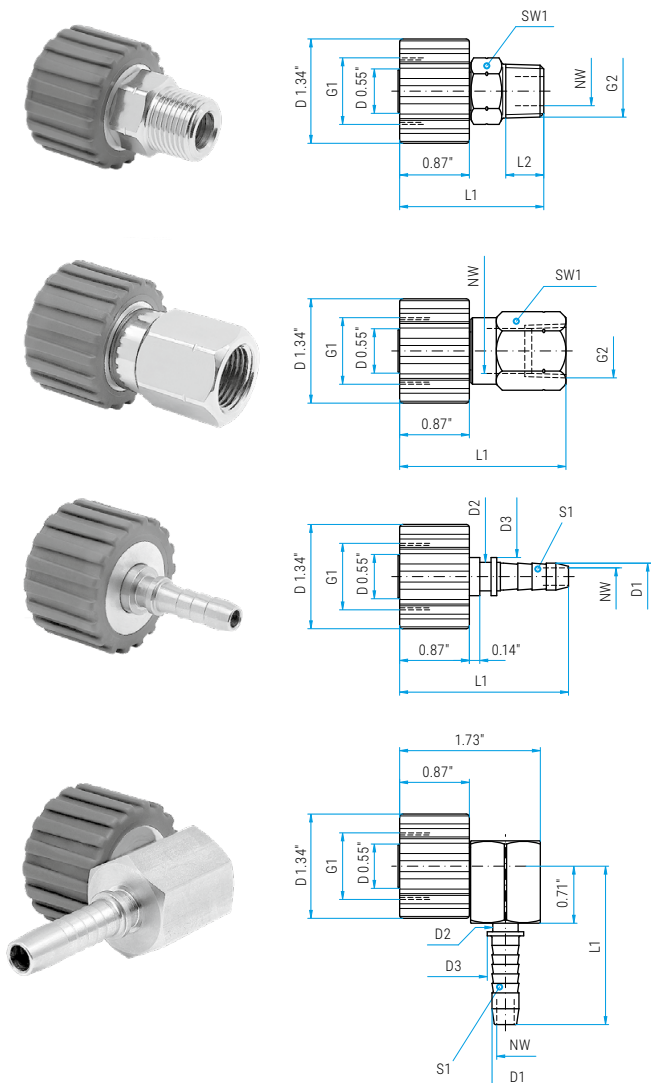
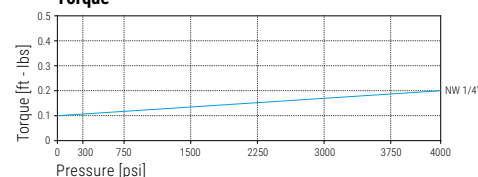
TECHNICAL DATA

Pressure	3600 psi (25 MPa)
Temperature	250°F
RPM	max. 30 rpm
Body	brass, nickel plated
Inner part	stainless steel
Seal	O-ring NBR (optional: EPDM or FKM)
Bearing	1x thrust ball bearing
Throughput medium	pH 3 - 12 filtered 10 microns compressed air (290 psi)

Flow



Torque



DKS

Part No.	G1 (QV)	G2 (M)	NW	SW1	L1	L2	Weight	Color
70.051	M21x1.5 F	1/4" NPTM	1/4"	0.67	1.76	0.43	3.6 oz	gray
70.053	M21x1.5 F	3/8" NPTM	1/4"	0.75	1.80	0.47	3.6 oz	gray
70.151	M22x1.5 F	1/4" NPTM	1/4"	0.67	1.76	0.43	3.7 oz	red
70.153	M22x1.5 F	3/8" NPTM	1/4"	0.75	1.80	0.47	3.7 oz	red

Part No.	G1 (QV)	G2 (F)	NW	SW1	L1	Weight	Color
70.052	M21x1.5 F	1/4" NPTF	1/4"	0.75	1.96	3.6 oz	gray
70.054	M21x1.5 F	3/8" NPTF	1/4"	0.87	2.08	3.6 oz	gray
70.152	M22x1.5 F	1/4" NPTF	1/4"	0.75	1.96	3.7 oz	red
70.154	M22x1.5 F	3/8" NPTF	1/4"	0.87	2.08	3.7 oz	red

Part No.	G1 (QV)	S1	NW	L1	D1	D2	D3	Weight	Color
70.131	M22x1.5 F	1/4"	1/8"	2.26	0.27	0.29	0.37	2.8 oz	red
70.132	M22x1.5 F	5/16"	7/32"	2.34	0.33	0.34	0.44	3.0 oz	red
70.139	M22x1.5 F	3/8"	1/4"	2.42	0.40	0.35	0.47	3.0 oz	red

DKS 90°

Part No.	G1 (QV)	S1	NW	L1	D1	D2	D3	Weight	Color
70.582	M22x1.5 F	5/16"	7/32"	1.97	0.33	0.31	0.45	5.7 oz	red

Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects
SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number.
Minimum orders apply.

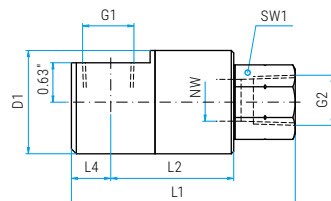
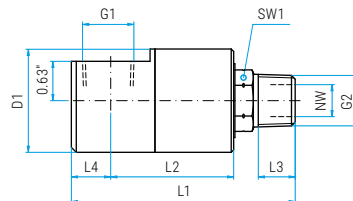
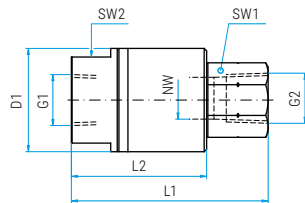
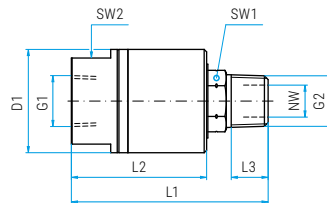
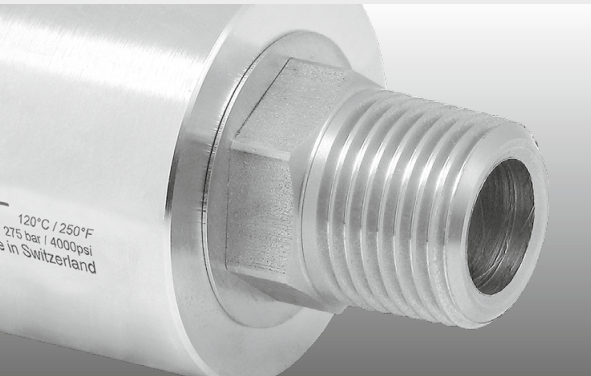
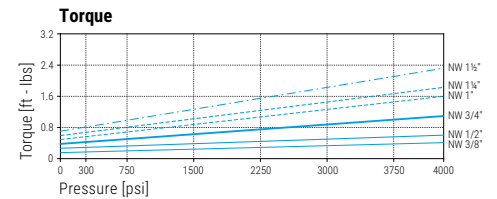
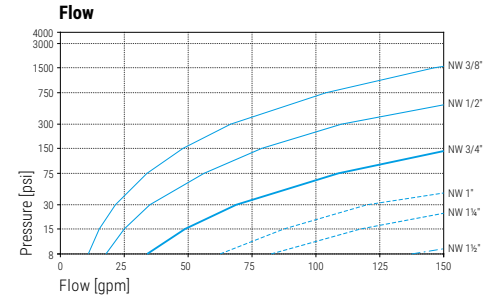
- ✓ Maintenance free
- ✓ Sealed stainless steel bearings
- ✓ High flow

Application

High flow, low rpm, automatic car wash systems, high pressure hose reels

TECHNICAL DATA

Pressure	4000 psi (27.5 MPa)
Temperature	250°F
RPM	max. 30 rpm
Body	brass, nickel plated
Inner part	stainless steel
Seal	O-ring NBR (optional: EPDM or FKM)
Bearing	1x thrust ball bearing
Throughput medium	pH 3 - 12 filtered 10 microns compressed air (290 psi)



DGE

Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	L1	L2	L3	D1	Weight
34.852	3/8" NPTF	3/8" NPTM	3/8"	0.87	1.38	2.87	2.05	0.43	1.65	18.9 oz
34.853	1/2" NPTF	1/2" NPTM	1/2"	0.87	1.38	3.15	2.17	0.59	1.65	18.9 oz
34.854	3/4" NPTF	3/4" NPTM	3/4"	1.06	1.57	3.46	2.38	0.63	1.97	27.8 oz
34.855	1" NPTF	1" NPTM	1"	1.42	1.97	3.54	2.36	0.71	2.36	40.3 oz
34.856	1 1/4" NPTF	1 1/4" NPTM	1 1/4"	1.50	1.81	4.17	2.66	0.79	2.36	47.8 oz
34.857	1 1/2" NPTF	1 1/2" NPTM	1 1/2"	2.05	2.76	4.41	2.87	0.79	3.35	95.3 oz

Part No.	G1 (F)	G2 (F)	NW	SW1	SW2	L1	L2	D1	Weight
34.862	3/8" NPTF	3/8" NPTF	3/8"	0.87	1.38	2.81	2.05	1.65	10.4 oz
34.863	1/2" NPTF	1/2" NPTF	1/2"	1.06	1.38	3.15	2.17	1.65	22.0 oz
34.864	3/4" NPTF	3/4" NPTF	3/4"	1.26	1.57	3.39	2.38	1.97	31.8 oz
34.865	1" NPTF	1" NPTF	1"	1.42	1.97	3.56	2.36	2.36	44.0 oz
34.866	1 1/4" NPTF	1 1/4" NPTF	1 1/4"	1.97	1.97	3.94	2.66	2.36	50.0 oz
34.867	1 1/2" NPTF	1 1/2" NPTF	1 1/2"	2.13	2.76	4.15	2.87	3.35	93.9 oz

DGE 90°

Part No.	G1 (F)	G2 (M)	NW	SW1	L1	L2	L3	L4	D1	Weight
34.872	3/8" NPTF	3/8" NPTM	3/8"	0.87	3.31	1.93	0.43	0.55	1.65	22.5 oz
34.873	1/2" NPTF	1/2" NPTM	1/2"	0.87	3.58	2.01	0.59	0.59	1.65	23.2 oz
34.874	3/4" NPTF	3/4" NPTM	3/4"	1.06	4.09	2.26	0.63	0.75	1.97	35.7 oz
34.875	1" NPTF	1" NPTM	1"	1.42	4.53	2.52	0.71	0.83	2.36	56.7 oz
34.876	1 1/4" NPTF	1 1/4" NPTM	1 1/4"	1.50	5.24	2.62	0.79	1.10	2.76	74.2 oz
34.877	1 1/2" NPTF	1 1/2" NPTM	1 1/2"	2.05	5.71	2.99	0.79	1.18	3.35	128.9 oz

Part No.	G1 (F)	G2 (F)	NW	SW1	L1	L2	L4	D1	Weight
34.882	3/8" NPTF	3/8" NPTF	3/8"	0.87	3.25	1.93	0.55	1.65	23.5 oz
34.883	1/2" NPTF	1/2" NPTF	1/2"	1.06	3.58	2.01	0.59	1.65	22.8 oz
34.884	3/4" NPTF	3/4" NPTF	3/4"	1.26	4.02	2.26	0.75	1.97	36.0 oz
34.885	1" NPTF	1" NPTF	1"	1.42	4.55	2.52	0.83	2.36	53.9 oz
34.886	1 1/4" NPTF	1 1/4" NPTF	1 1/4"	1.97	5.00	2.01	1.10	2.36	76.4 oz
34.887	1 1/2" NPTF	1 1/2" NPTF	1 1/2"	2.13	5.47	2.01	1.18	3.35	127.5 oz

Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects
SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number.
Minimum orders apply.

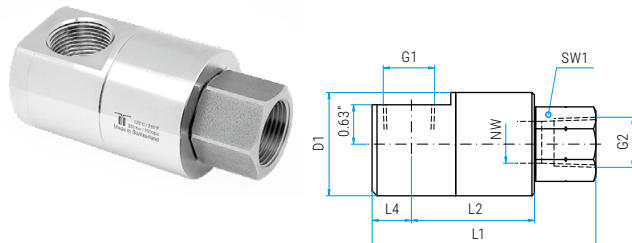
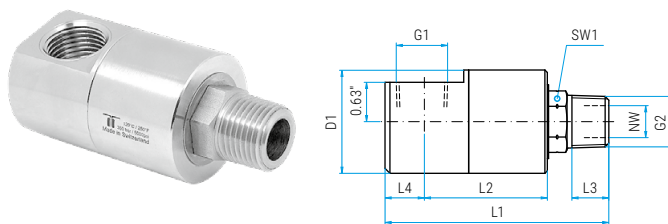
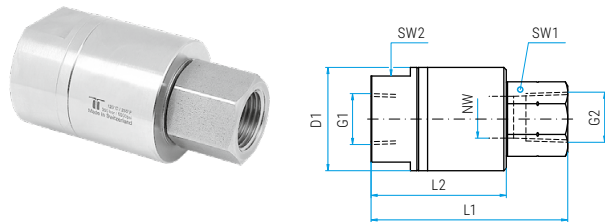
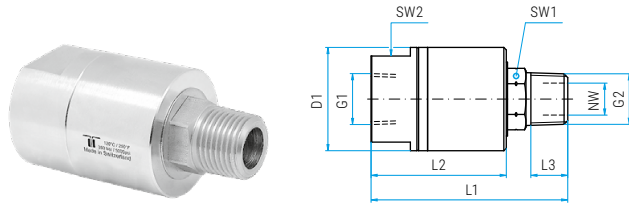
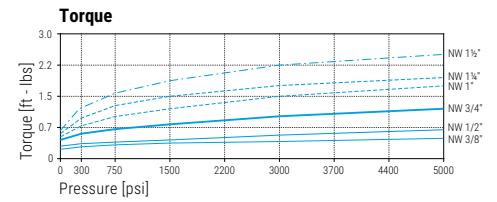
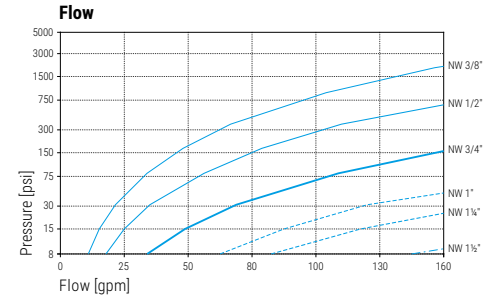
- ✓ Stainless steel construction
- ✓ Maintenance free
- ✓ Sealed stainless steel ball bearings
- ✓ High flow

Application

Pharmaceutical industry, food industry, high flow, low rpm, automatic car wash systems

TECHNICAL DATA

Pressure	5000 psi (35 MPa)
Temperature	250°F
RPM	max. 30 rpm
Body	stainless steel
Inner part	stainless steel
Seal	O-ring NBR (optional: EPDM or FKM)
Bearing	1x thrust ball bearing 2x sliding bearings
Throughput medium	pH 3 - 12 filtered 10 microns compressed air (290 psi)



DGEI

Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	L1	L2	L3	D1	Weight
34.752	3/8" NPTF	3/8" NPTM	3/8"	0.87	1.38	2.87	2.05	0.43	1.65	18.9 oz
34.753	1/2" NPTF	1/2" NPTM	1/2"	0.87	1.38	3.15	2.17	0.59	1.65	18.9 oz
34.754	3/4" NPTF	3/4" NPTM	3/4"	1.06	1.58	3.66	2.58	0.63	1.97	27.8 oz
34.755	1" NPTF	1" NPTM	1"	1.42	1.97	3.74	2.56	0.71	2.35	40.3 oz
34.756	1 1/4" NPTF	1 1/4" NPTM	1 1/4"	1.47	1.97	4.51	2.99	0.79	2.35	47.8 oz
34.757	1 1/2" NPTF	1 1/2" NPTM	1 1/2"	1.97	2.76	4.61	3.07	0.79	3.33	95.3 oz

Part No.	G1 (F)	G2 (F)	NW	SW1	SW2	L1	L2	D1	Weight
34.762	3/8" NPTF	3/8" NPTF	3/8"	0.87	1.38	2.80	2.05	1.65	10.4 oz
34.763	1/2" NPTF	1/2" NPTF	1/2"	1.06	1.38	3.15	2.17	1.65	22.0 oz
34.764	3/4" NPTF	3/4" NPTF	3/4"	1.26	1.58	3.66	2.58	1.97	31.8 oz
34.765	1" NPTF	1" NPTF	1"	1.42	1.97	3.54	2.56	2.35	44.0 oz
34.766	1 1/4" NPTF	1 1/4" NPTF	1 1/4"	1.97	1.97	4.23	2.99	2.35	50.0 oz
34.767	1 1/2" NPTF	1 1/2" NPTF	1 1/2"	2.13	2.76	4.35	3.07	3.33	93.9 oz

DGEI 90°

Part No.	G1 (F)	G2 (M)	NW	SW1	L1	L2	L3	L4	D1	Weight
34.772	3/8" NPTF	3/8" NPTM	3/8"	0.87	3.46	2.09	0.43	0.55	1.65	22.5 oz
34.773	1/2" NPTF	1/2" NPTM	1/2"	0.87	3.82	2.09	0.59	0.75	1.65	23.2 oz
34.774	3/4" NPTF	3/4" NPTM	3/4"	1.06	4.35	2.40	0.63	0.87	1.97	35.7 oz
34.775	1" NPTF	1" NPTM	1"	1.42	4.84	2.52	0.71	1.14	2.35	56.7 oz
34.776	1 1/4" NPTF	1 1/4" NPTM	1 1/4"	1.47	5.65	2.84	0.79	1.30	2.76	74.2 oz
34.777	1 1/2" NPTF	1 1/2" NPTM	1 1/2"	1.97	6.12	3.17	0.79	1.42	3.33	128.9 oz

Part No.	G1 (F)	G2 (F)	NW	SW1	L1	L2	L4	D1	Weight
34.782	3/8" NPTF	3/8" NPTF	3/8"	0.87	3.39	2.09	0.55	1.65	23.5 oz
34.783	1/2" NPTF	1/2" NPTF	1/2"	1.06	3.82	2.09	0.75	1.65	22.8 oz
34.784	3/4" NPTF	3/4" NPTF	3/4"	1.26	4.35	2.40	0.87	1.97	36.0 oz
34.785	1" NPTF	1" NPTF	1"	1.42	4.65	2.52	1.14	2.35	53.9 oz
34.786	1 1/4" NPTF	1 1/4" NPTF	1 1/4"	1.97	5.37	2.84	1.30	2.76	76.4 oz
34.787	1 1/2" NPTF	1 1/2" NPTF	1 1/2"	2.13	5.87	3.17	1.42	3.33	127.5 oz

Legend

M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects
SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number.
Minimum orders apply.

- ✓ Quadruple bearing system
- ✓ High flow
- ✓ Solid stainless steel construction
- ✓ Long service life
- ✓ Maintenance free
- ✓ Corrosion resistant

Application

Thrust and radial forces, high pressure, industrial or food service applications

TECHNICAL DATA

Pressure 150-3000 psi (1-20 MPa)
Temperature 40°F - 180°F
RPM see chart (max. RPM)

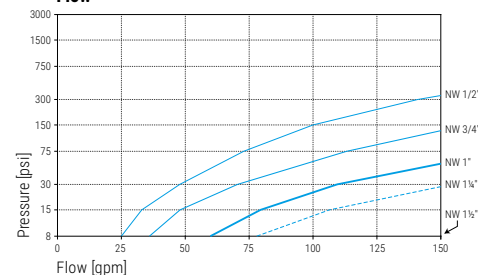
Body stainless steel

Inner part stainless steel
Seal O-ring NBR
 (optional: EPDM or FKM)

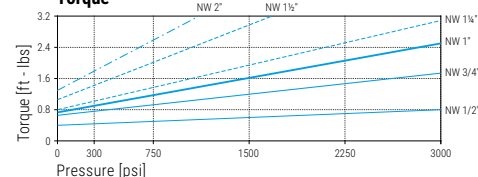
Bearing 2x radial ball bearings
 2x thrust ball bearings

Throughput medium pH 3 - 12
 filtered 10 microns
 compressed air (290 psi)

Flow



Torque



DGR

Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	L1	L2	L3	D1	max. RPM	Weight
34.211	1/2" NPTF	1/2" NPTM	1/2"	1.50	1.06	4.69	3.43	0.59	1.97	200	41.0 oz
34.311	3/4" NPTF	3/4" NPTM	3/4"	1.65	1.26	5.00	3.66	0.59	2.17	150	51.0 oz
34.411	1" NPTF	1" NPTM	1"	1.81	1.42	5.31	3.78	0.71	2.36	130	59.0 oz
34.541	1 1/4" NPTF	1 1/4" NPTM	1 1/4"	2.00	1.73	5.57	3.98	0.71	2.36	130	62.0 oz
34.511	1 1/2" NPTF	1 1/2" NPTM	1 1/2"	2.56	2.17	6.06	4.09	0.79	3.15	100	111.0 oz
34.611	2" NPTF	2" NPTM	2"	2.95	2.44	6.54	4.57	0.87	3.54	70	132.0 oz

Part No.	G1 (F)	G3 (F)	NW	SW1	SW2	L1	L2	D1	max. RPM	Weight
34.212	1/2" NPTF	1/2" NPTF	1/2"	1.50	1.06	4.92	3.43	1.97	200	41.0 oz
34.312	3/4" NPTF	3/4" NPTF	3/4"	1.65	1.26	5.24	3.66	2.17	150	53.0 oz
34.412	1" NPTF	1" NPTF	1"	1.81	1.42	5.55	3.78	2.36	130	60.0 oz
34.542	1 1/4" NPTF	1 1/4" NPTF	1 1/4"	2.00	1.73	5.65	3.98	2.36	130	61.0 oz
34.512	1 1/2" NPTF	1 1/2" NPTF	1 1/2"	2.56	2.17	6.06	4.09	3.15	100	114.0 oz
34.612	2" NPTF	2" NPTF	2"	2.95	2.56	6.70	4.57	3.54	70	133.0 oz

34.911	Seal kit for NW 1/2"
34.912	Seal kit for NW 3/4"
34.913	Seal kit for NW 1"
34.943	Seal kit for NW 1 1/4"
34.914	Seal kit for NW 1 1/2"
34.915	Seal kit for NW 2"

34.920	Repair kit for NW 1/2"
34.921	Repair kit for NW 3/4"
34.922	Repair kit for NW 1"
34.944	Repair kit for NW 1 1/4"
34.923	Repair kit for NW 1 1/2"
34.924	Repair kit for NW 2"

Repair kit includes seal and bearing set.

Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects
 SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number.
 Minimum orders apply.

- ✓ Stainless steel
- ✓ Maintenance free
- ✓ Sliding bearing

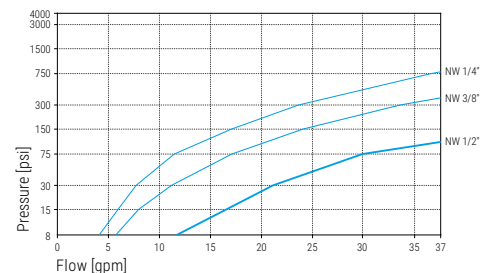
Application

Ceiling boom, high pressure hose reels, high pressure cleaner, food industry

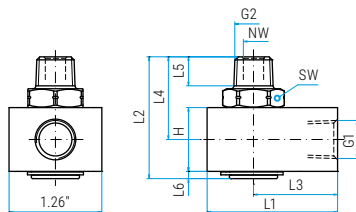
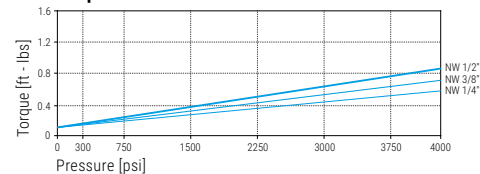
TECHNICAL DATA

Pressure	4000 psi (27.5 MPa)
Temperature	250°F
RPM	max. 30 rpm
Body	brass, nickel plated
Inner part	stainless steel
Seal	O-ring NBR / Support ring (optional: EPDM or FKM)
Bearing	sliding bearing
Throughput medium	pH 3 - 12 filtered 10 microns compressed air (290 psi)

Flow

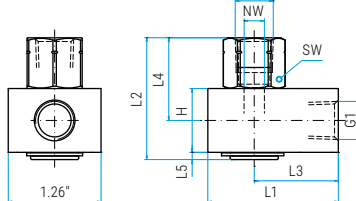


Torque



WDE

Part No.	G1 (F)	G2 (M)	NW	H	L1	L2	L3	L4	L5	L6	SW	Weight
43.451	1/4"NPTF	1/4"NPTM	1/4"	0.87	1.77	1.65	1.14	1.12	0.39	0.1	0.75	7.9 oz
43.452	3/8"NPTF	3/8"NPTM	3/8"	0.94	1.77	1.77	1.14	1.20	0.43	0.1	0.75	8.1 oz
43.453	1/2"NPTF	1/2"NPTM	1/2"	1.1	1.77	2.17	1.14	1.52	0.59	0.1	0.87	9.3 oz
43.454	3/8"NPTF	1/2"NPTM	1/2"	1.1	1.77	2.17	1.14	1.52	0.59	0.1	0.87	9.9 oz



Part No.	G1 (F)	G2 (F)	NW	H	L1	L2	L3	L4	L5	SW	Weight
43.456	1/4"NPTF	1/4"NPTF	1/4"	0.87	1.77	1.65	1.14	1.12	0.1	0.75	8.3 oz
43.457	3/8"NPTF	3/8"NPTF	3/8"	0.94	1.77	1.77	1.14	1.20	0.1	0.75	7.9 oz
43.458	1/2"NPTF	1/2"NPTF	1/2"	1.1	1.77	2.17	1.14	1.52	0.1	1.06	10.2 oz
43.459	3/8"NPTF	1/2"NPTF	1/2"	1.1	1.77	2.17	1.14	1.52	0.1	1.06	10.8 oz

Legend

M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects
SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number.
Minimum orders apply.

- ✓ Compact design
- ✓ Stainless steel
- ✓ Maintenance free

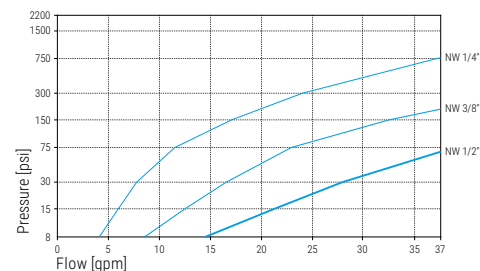
Application

Ceiling booms, high pressure hose reels, high pressure cleaners

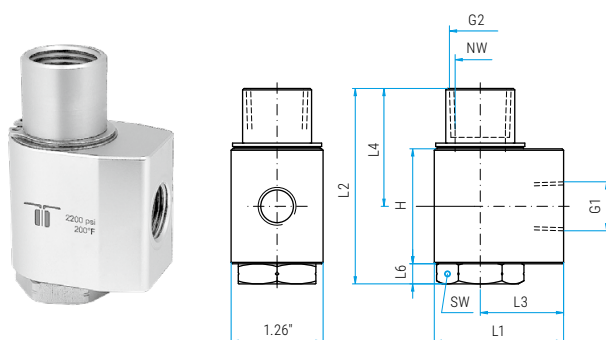
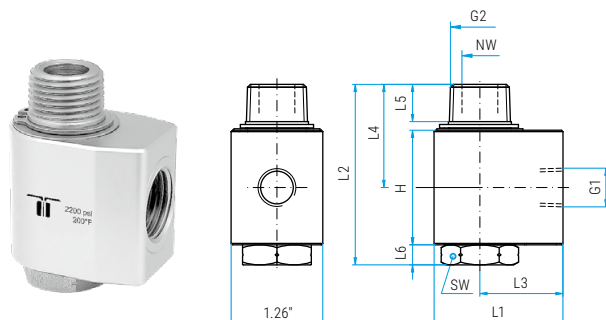
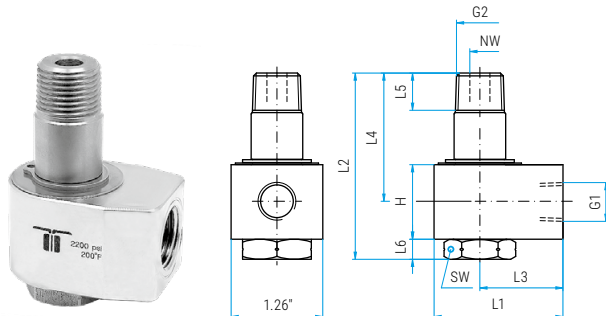
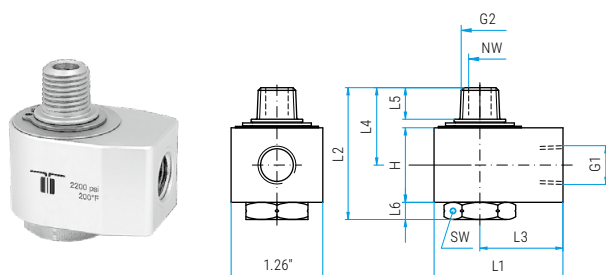
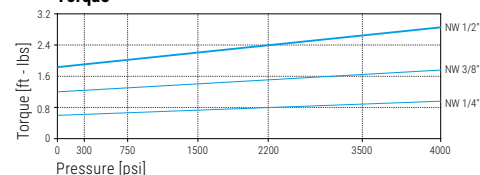
TECHNICAL DATA

Pressure	2200 psi (15 MPa) 4000 psi* (27.5 MPa)
Temperature	200°F / 250°F*
RPM	max. 30 rpm
Body	brass, nickel plated
Inner part	stainless steel
Seal	O-ring NBR / Support ring (optional: EPDM or FKM)
Bearing	sliding bearing
Throughput medium	pH 3 - 12 filtered 10 microns compressed air (290 psi)

Flow



Torque



WDG

Part No.	G1 (F)	G2 (M)	NW	H	L1	L2	L3	L4	L5	L6	SW	Weight
40.009*	G1/4" F	G1/4" M	1/4"	1.02	1.77	1.73	1.14	0.96	0.33	0.25	0.87	9.8 oz
40.019*	3/8" NPTF	G1/4" M	1/4"	1.02	1.77	1.73	1.14	0.96	0.43	0.25	0.87	9.7 oz
40.021	1/4" NPTF	1/4" NPTM	1/4"	1.02	1.77	1.89	1.14	1.14	0.47	0.24	0.87	10.3 oz
40.022	1/4" NPTF	3/8" NPTM	1/4"	1.02	1.77	1.89	1.14	1.14	0.47	0.24	0.87	10.3 oz
40.031	3/8" NPTF	1/4" NPTM	1/4"	1.02	1.77	1.89	1.14	1.14	0.47	0.24	0.87	9.6 oz
40.032	3/8" NPTF	3/8" NPTM	1/4"	1.02	1.77	1.89	1.14	1.14	0.47	0.24	0.87	10.0 oz

* 4000 psi / 250°F / without snap ring, for Mosmatic ceiling boom

Part No.	G1 (F)	G2 (M)	NW	H	L1	L2	L3	L4	L5	L6	SW	Weight
40.028	1/4" NPTF	1/4" NPTM	1/4"	1.02	1.77	2.56	1.14	1.77	0.47	0.27	0.87	10.0 oz
40.029	1/4" NPTF	3/8" NPTM	1/4"	1.02	1.77	2.56	1.14	1.77	0.51	0.27	0.87	11.7 oz
40.039	3/8" NPTF	3/8" NPTM	1/4"	1.26	1.77	2.09	1.14	1.18	0.43	0.28	0.94	11.4 oz

Part No.	G1 (F)	G2 (M)	NW	H	L1	L2	L3	L4	L5	L6	SW	Weight
40.211	G1/2" F	R1/2" M	1/2"	1.57	1.77	2.48	1.14	1.42	0.43	0.28	0.94	13.5 oz
40.231	1/2" NPTF	1/2" NPTM	1/2"	1.57	1.77	2.48	1.14	1.42	0.43	0.28	0.94	13.5 oz

Part No.	G1 (F)	G2 (F)	NW	H	L1	L2	L3	L4	L6	SW	Weight
40.223	3/8" NPTF	1/2" NPTF	1/2"	1.57	1.77	2.75	1.14	1.89	0.28	1.06	14.1 oz

40.502	Seal kit for NW 1/4"
40.503	Seal kit for NW 3/8" + 1/2"

Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects
SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number.
Minimum orders apply.

- ✓ Slide or dual bearing systems
- ✓ Stainless steel
- ✓ Maintenance free

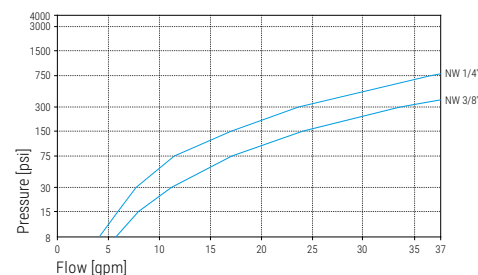
Application

Ceiling boom, high pressure hose reels, high pressure cleaner

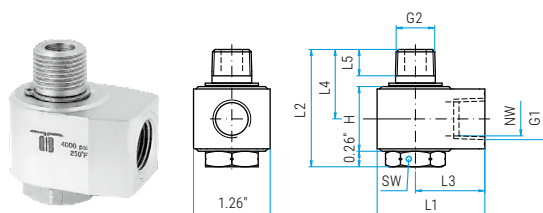
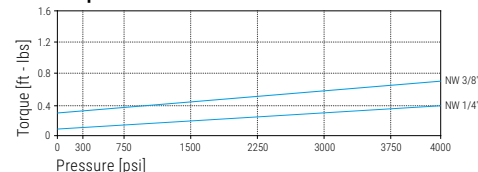
TECHNICAL DATA

Pressure	4000 psi (27.5 MPa)
Temperature	250°F
RPM	see chart (max. RPM)
Body	brass, nickel plated
Inner part	stainless steel
Seal	O-ring NBR (optional: EPDM or FKM)
Bearing	WDB: sliding bearing WDBL: 2x radial ball bearings WDBS: 2x radial ball bearings
Throughput medium	pH 3 - 12 filtered 10 microns compressed air (290 psi)

Flow



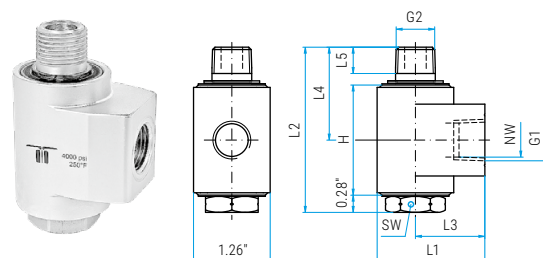
Torque



WDB

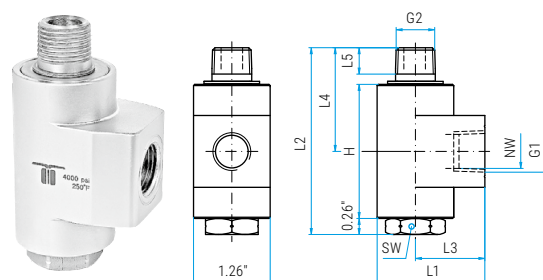
Part No.	G1 (F)	G2 (M)	NW	H	L1	L2	L3	L4	L5	SW	max. RPM	Weight
43.251	1/4" NPTF	1/4" NPTM	1/4"	1.06	1.77	1.89	1.14	1.10	0.39	0.87	30	10.0 oz
43.252	3/8" NPTF	3/8" NPTM	3/8"	1.06	1.77	1.93	1.14	1.14	0.43	0.87	30	9.2 oz
43.259*	3/8" NPTF	G1/4" M	1/4"	1.06	1.77	1.77	1.14	0.98	0.43	0.87	30	9.6 oz
43.905	1/8" NPTF	1/8" NPTF	1/4"	1.06	1.77	0.87	1.14	0.62	-	0.87	30	10.0 oz

* without snap ring, for Mosmatic ceiling boom



WDBL (with radial ball bearings)

Part No.	G1 (F)	G2 (M)	NW	H	L1	L2	L3	L4	L5	SW	max. RPM	Weight
43.262	3/8" NPTF	3/8" NPTM	3/8"	1.81	1.77	2.72	1.14	1.53	0.43	0.87	200	15.7 oz



WDBS (with radial ball bearings and protection plate)

Part No.	G1 (F)	G2 (M)	NW	H	L1	L2	L3	L4	L5	SW	max. RPM	Weight
43.272	3/8" NPTF	3/8" NPTM	3/8"	2.20	1.77	3.07	1.14	1.70	0.43	0.87	200	18.5 oz

43.904	Seal kit
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Legend

M.. = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects
SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number.
Minimum orders apply.

- ✓ Slide or dual bearing systems
- ✓ Stainless steel
- ✓ Maintenance free

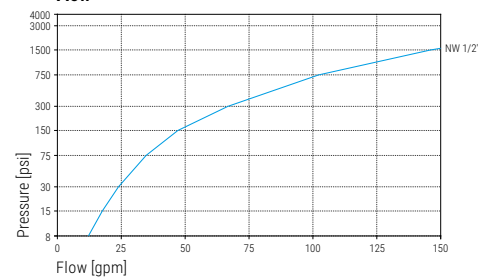
Application

High pressure hose reels, ceiling booms, high pressure cleaners

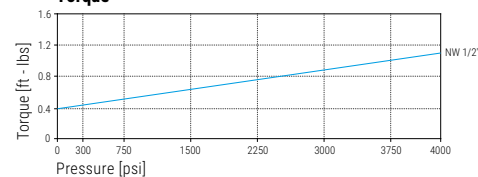
TECHNICAL DATA

Pressure	4000 psi (27.5 MPa)
Temperature	250°F
RPM	see chart (max. RPM)
Body	brass, nickel plated
Inner part	stainless steel
Seal	O-ring NBR (optional: EPDM or FKM)
Bearing	WDC: sliding bearing WDCL: 2x radial ball bearings WDCS: 2x radial ball bearings
Throughput medium	pH 3 - 12 filtered 10 microns compressed air (290 psi)

Flow



Torque



WDC

Part No.	G1 (F)	G2	NW	H	L1	L2	L3	L4	L5	SW1	max. RPM	Weight
43.353	1/2" NPTF	1/2" NPTM	1/2"	1.34	1.77	2.40	1.14	1.73	0.59	0.87	30	11.5 oz
43.354	1/2" NPTF	1/2" NPTF	1/2"	1.34	1.77	2.40	1.14	1.73	0.59	0.87	30	11.7 oz

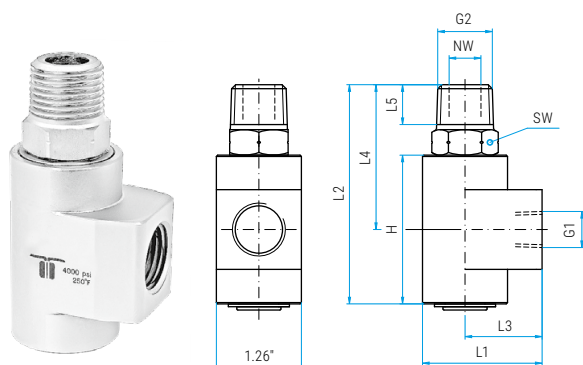
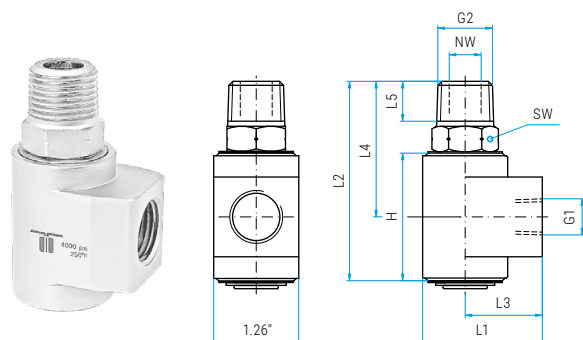
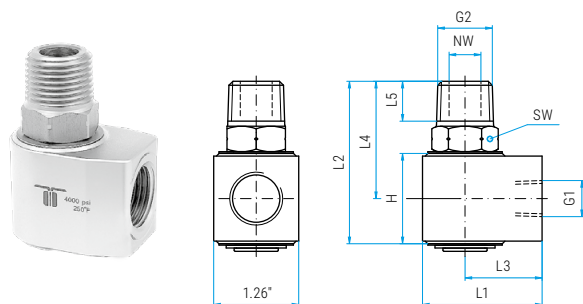
WDCL (with radial ball bearings)

Part No.	G1 (F)	G2	NW	H	L1	L2	L3	L4	L5	SW1	max. RPM	Weight
43.363	1/2" NPTF	1/2" NPTM	1/2"	1.81	1.77	2.87	1.14	1.97	0.59	0.87	200	15.3 oz
43.364	1/2" NPTF	1/2" NPTF	1/2"	1.81	1.77	2.87	1.14	1.97	0.59	0.87	200	15.5 oz

WDCS (with radial ball bearings and protection plate)

Part No.	G1 (F)	G2	NW	H	L1	L2	L3	L4	L5	SW1	max. RPM	Weight
43.373	1/2" NPTF	1/2" NPTM	1/2"	2.20	1.77	3.24	1.14	2.15	0.59	0.87	200	16.0 oz
43.374	1/2" NPTF	1/2" NPTF	1/2"	2.20	1.77	3.24	1.14	2.15	0.59	0.87	200	16.2 oz

43.904	Seal kit
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Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects
SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number.
Minimum orders apply.

- ✓ Complete stainless steel
- ✓ Maintenance free
- ✓ Compact design
- ✓ Sliding bearing system

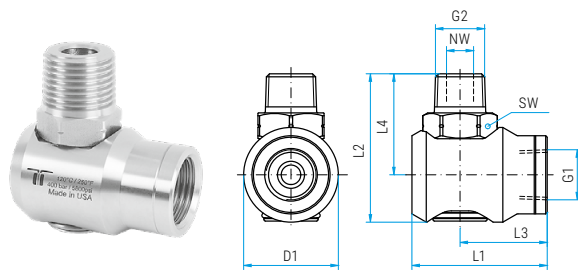
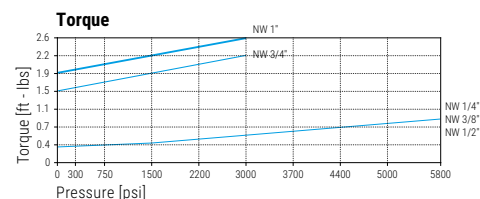
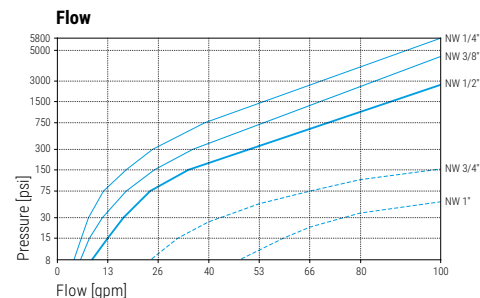


Application

Hose reels

TECHNICAL DATA

Pressure	5800 psi (40 MPa) 3000 psi (20 MPa)* 725 psi (5 MPa)
Temperature	250°F
RPM	max. 30 rpm
Body	stainless steel
Inner part	stainless steel
Seal	O-ring NBR (optional: EPDM or FKM)
Bearing	sliding bearings
Throughput medium	pH 3 - 12 filtered 10 microns compressed air (290 psi)



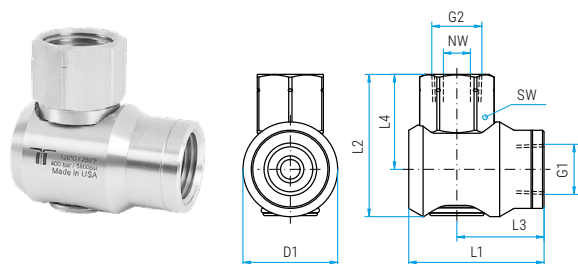
WDEI (725-5800 psi)

Part No.	Box Part No.	G1 (F)	G2 (M)	NW	L1	L2	L3	L4	D1	SW	Box	Weight
43.461	43.461B	1/4" NPTF	1/4" NPTM	1/4"	1.77	1.89	1.14	1.30	1.25	0.87	25 pcs.	8.5 oz
43.462	43.462B	3/8" NPTF	3/8" NPTM	3/8"	1.77	1.93	1.14	1.34	1.25	0.87	25 pcs.	7.8 oz
43.463	43.463B	1/2" NPTF	1/2" NPTM	1/2"	1.97	2.09	1.34	1.50	1.25	0.87	25 pcs.	7.8 oz
43.464*	43.464B*	3/4" NPTF	3/4" NPTM	3/4"	2.95	3.15	1.89	2.13	2.00	1.42	10 pcs.	27.5 oz
43.465*	43.465B*	1" NPTF	1" NPTM	1"	3.35	3.54	2.17	2.36	2.35	1.61	10 pcs.	37.7 oz
43.466	43.466B	3/8" NPTF	1/2" NPTM	3/8"	1.77	2.09	1.14	1.50	1.25	0.87	25 pcs.	7.8 oz
43.467	43.467B	1/2" NPTF	3/8" NPTM	3/8"	1.97	1.93	1.34	1.34	1.25	0.87	25 pcs.	7.8 oz

* 3000 psi

WDEI low Pressure (725 psi)

Part No.	Box Part No.	G1 (F)	G2 (M)	NW	L1	L2	L3	L4	D1	SW	Box	Weight
43.481	43.481B	1/4" NPTF	1/4" NPTM	1/4"	1.77	1.89	1.14	1.30	1.25	0.87	25 pcs.	8.5 oz
43.482	43.482B	3/8" NPTF	3/8" NPTM	3/8"	1.77	1.93	1.14	1.34	1.25	0.87	25 pcs.	7.8 oz
43.483	43.483B	1/2" NPTF	1/2" NPTM	1/2"	1.97	2.09	1.34	1.50	1.25	0.87	25 pcs.	7.8 oz
43.484	43.484B	3/4" NPTF	3/4" NPTM	3/4"	2.95	3.15	1.89	2.13	2.00	1.42	10 pcs.	27.5 oz
43.485	43.485B	1" NPTF	1" NPTM	1"	3.35	3.54	2.17	2.36	2.35	1.61	10 pcs.	37.7 oz
43.486	43.486B	3/8" NPTF	1/2" NPTM	3/8"	1.77	2.09	1.14	1.50	1.25	0.87	25 pcs.	7.8 oz
43.487	43.487B	1/2" NPTF	3/8" NPTM	3/8"	1.97	1.93	1.34	1.34	1.25	0.87	25 pcs.	7.8 oz



WDEI (725-5800 psi)

Part No.	Box Part No.	G1 (F)	G2 (F)	NW	L1	L2	L3	L4	D1	SW	Box	Weight
43.471	43.471B	1/4" NPTF	1/4" NPTF	1/4"	1.77	1.81	1.14	1.22	1.25	0.87	25 pcs.	8.8 oz
43.472	43.472B	3/8" NPTF	3/8" NPTF	3/8"	1.77	1.85	1.14	1.26	1.25	0.87	25 pcs.	7.8 oz
43.473	43.473B	1/2" NPTF	1/2" NPTF	1/2"	1.97	1.97	1.34	1.38	1.25	0.94	25 pcs.	7.0 oz
43.474*	43.474B*	3/4" NPTF	3/4" NPTF	3/4"	2.95	2.76	1.89	1.73	2.00	1.42	10 pcs.	29.6 oz
43.475*	43.475B*	1" NPTF	1" NPTF	1"	3.35	3.07	2.17	1.89	2.35	1.61	10 pcs.	39.5 oz

* 3000 psi

WDEI low Pressure (725 psi)

Part No.	Box Part No.	G1 (F)	G2 (F)	NW	L1	L2	L3	L4	D1	SW	Box	Weight
43.491	43.491B	1/4" NPTF	1/4" NPTF	1/4"	1.77	1.81	1.14	1.22	1.25	0.87	25 pcs.	8.8 oz
43.492	43.492B	3/8" NPTF	3/8" NPTF	3/8"	1.77	1.85	1.14	1.26	1.25	0.87	25 pcs.	7.8 oz
43.493	43.493B	1/2" NPTF	1/2" NPTF	1/2"	1.97	1.97	1.34	1.38	1.25	0.94	25 pcs.	7.0 oz
43.494	43.494B	3/4" NPTF	3/4" NPTF	3/4"	2.95	2.76	1.89	1.73	2.00	1.42	10 pcs.	29.6 oz
43.495	43.495B	1" NPTF	1" NPTF	1"	3.35	3.07	2.17	1.89	2.35	1.61	10 pcs.	39.5 oz



Example of an OEM-box which includes 25 swivels.

43.922	Seal kit NW 1/4"-1/2"	43.934	Seal kit LP NW 1/4"-1/2"
43.930	Seal kit NW 3/4"	43.935	Seal kit LP NW 3/4"
43.931	Seal kit NW 1"	43.936	Seal kit LP NW 1"

Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects
SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number.
Minimum orders apply.

- ✓ Dual bearing system
- ✓ Complete stainless steel construction
- ✓ Rugged design
- ✓ Maintenance free

Application

Automatic car wash, industrial application, high pressure hose reels, high flow

TECHNICAL DATA

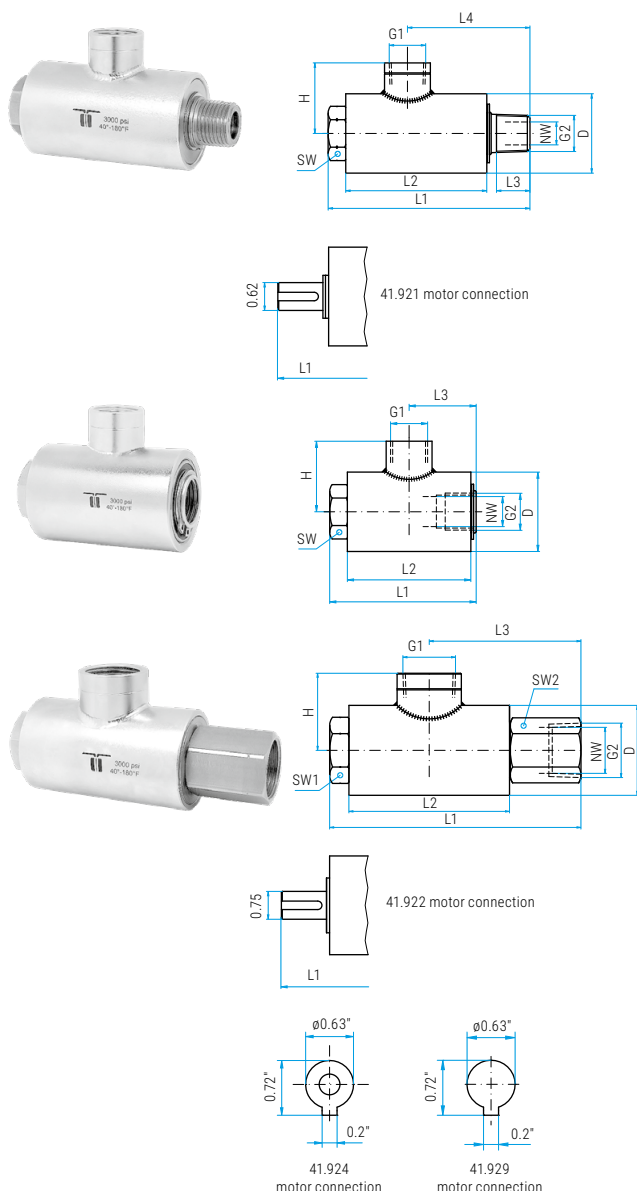
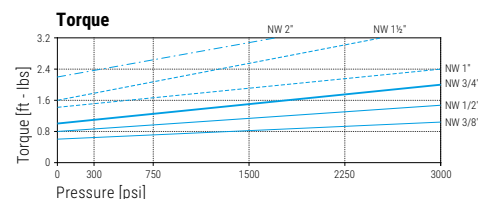
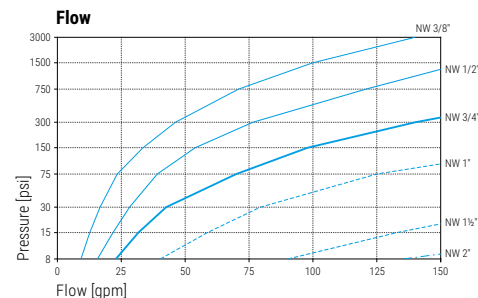
Pressure 150-3000 psi (1-20 MPa)
Temperature 40°F - 180°F
RPM see chart (max. RPM)

Body stainless steel

Inner part stainless steel
Seal O-ring NBR
 (optional: EPDM or FKM)

Bearing 2x radial ball bearings

Throughput medium pH 3 - 12
 filtered 10 microns
 compressed air (290 psi)



WDRS (no front to back forces allowed)

Part No.	G1 (F)	G2 (M)	NW	SW	H	L1	L2	L3	L4	D	max. RPM	Weight
41.161	3/8" NPTF	3/8" NPTM	3/8"	1.06	1.46	4.13	3.15	0.43	2.20	1.77	150	27.0 oz
41.261	1/2" NPTF	1/2" NPTM	1/2"	1.06	1.57	4.33	3.15	0.60	2.36	1.77	150	28.0 oz
41.361	3/4" NPTF	3/4" NPTM	3/4"	1.26	1.69	4.80	3.54	0.63	2.64	1.97	130	35.0 oz
41.461	1" NPTF	1" NPTM	1"	1.42	1.89	5.35	3.94	0.71	2.91	2.20	110	48.0 oz
41.561	1 1/2" NPTF	1 1/2" NPTM	1 1/2"	2.17	2.36	5.91	4.33	0.79	3.27	2.80	76	76.0 oz
41.661	2" NPTF	2" NPTM	2"	2.76	2.76	7.09	5.28	0.87	3.82	3.54	60	106.0 oz

WDRS (with motor connection)

Part No.	G1 (F)	G2 (M)	NW	SW	H	L1	L2	L3	L4	D	max. RPM	Weight
41.920	1/2" NPTF	1/2" NPTM	1/2"	1.06	1.57	6.10	2.76	0.60	3.31	1.77	150	33.3 oz
41.921	1/2" NPTF	1/2" NPTM	1/2"	0.75	1.57	6.10	3.15	0.60	3.31	1.77	150	35.6 oz

WDRS (no front to back forces allowed)

Part No.	G1 (F)	G2 (F)	NW	SW	H	L1	L2	L3	D	max. RPM	Weight
41.162	3/8" NPTF	3/8" NPTF	3/8"	1.06	1.46	3.62	3.15	1.69	1.77	150	27.5 oz
41.262	1/2" NPTF	1/2" NPTF	1/2"	1.06	1.57	3.62	3.15	1.69	1.77	150	27.5 oz

WDRS (no front to back forces allowed)

Part No.	G1 (F)	G2 (F)	NW	SW1	SW2	H	L1	L2	L3	D1	max. RPM	Weight
41.362	3/4" NPTF	3/4" NPTF	3/4"	1.26	1.26	1.69	5.51	3.54	3.35	1.97	130	36.0 oz
41.462	1" NPTF	1" NPTF	1"	1.42	1.42	1.89	6.16	3.94	3.72	2.20	110	49.0 oz
41.562	1 1/2" NPTF	1 1/2" NPTF	1 1/2"	2.17	2.17	2.36	6.77	4.33	3.90	2.80	76	77.0 oz
41.662	2" NPTF	2" NPTF	2"	2.76	2.76	2.76	7.99	5.28	4.10	3.54	60	107.0 oz

WDRS (with motor connection)

Part No.	G1 (F)	G2 (F)	NW	SW	H	L1	L2	L4	D1	max. RPM	Weight
41.922	3/4" NPTF	3/4" NPTF	3/4"	1.26	1.69	6.39	3.54	3.33	1.97	130	45.1 oz

WDS (with motor connection, 1x radial ball bearings)

Part No.	IN	OUT	NW	max. RPM	Weight
40.924	G3/8" F	3x G1/4" F	3/8"	130	105.8 oz
40.929	G3/8" F	2x 1/8" NPTF / 1x G1/4" F	3/8"	130	112.9 oz

41.911	Seal kit for NW 3/8"
41.912	Seal kit for NW 1/2"
41.913	Seal kit for NW 3/4"
41.914	Seal kit for NW 1"
41.915	Seal kit for NW 1 1/2"
41.916	Seal kit for NW 2"

41.930	Repair kit for NW 3/8" + 1/2"
41.931	Repair kit for NW 3/4"
41.932	Repair kit for NW 1"
41.933	Repair kit for NW 1 1/2"
41.934	Repair kit for NW 2"

Repair kit includes seal and bearing set.

Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects
 SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number.
 Minimum orders apply.

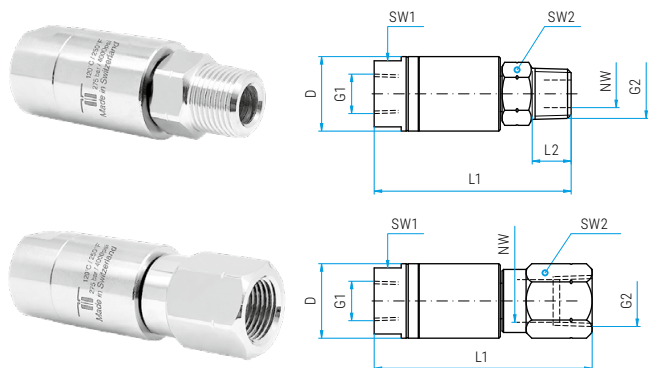
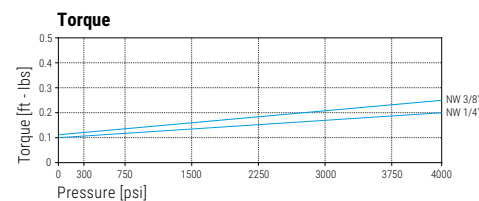
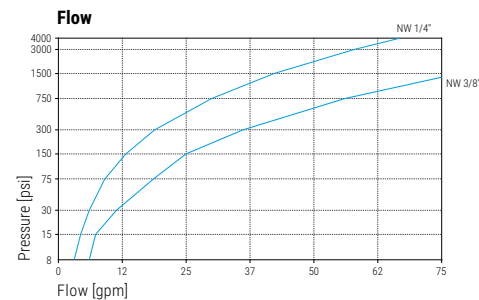
- ✓ High speed triple bearing system
- ✓ Corrosion resistant
- ✓ Solid construction
- ✓ Long service life
- ✓ Maintenance free

Application

Thrust and radial forces, high flow, automatic car wash systems, high pressure hose reels

TECHNICAL DATA

Pressure	4000 psi (27.5 MPa)
Temperature	90°F (at 1'000 rpm) 250°F (at 30 rpm)
RPM	max. 1'000 rpm
Body	DGL: brass, nickel plated DGLI: stainless steel
Inner part	stainless steel
Seal	O-ring NBR (optional: EPDM or FKM)
Bearing	2x radial ball bearings 1x thrust ball bearing
Throughput medium	pH 3 - 12 filtered 10 microns compressed air (290 psi)



DGL DGLI

Part No.	Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	L1	L2	D	Weight
31.051	31.945	1/4" NPTF	1/4" NPTM	1/4"	0.87	0.67	2.55	0.43	0.98	5.7 oz
31.053	31.947	1/4" NPTF	3/8" NPTM	1/4"	0.87	0.75	2.59	0.47	0.98	5.7 oz
31.153	31.902	3/8" NPTF	3/8" NPTM	1/4"	0.87	0.75	2.59	0.47	0.98	5.8 oz
31.163	31.943	3/8" NPTF	G3/8" M	1/4"	0.87	0.75	2.59	0.47	0.98	5.7 oz
31.653	31.949	3/8" NPTF	3/8" NPTM	3/8"	0.87	0.75	2.63	0.47	0.98	5.5 oz

Part No.	Part No.	G1 (F)	G2 (F)	NW	SW1	SW2	L1	D	Weight
31.052	31.946	1/4" NPTF	1/4" NPTF	1/4"	0.87	0.75	2.75	0.98	6.4 oz
31.054	31.948	1/4" NPTF	3/8" NPTF	1/4"	0.87	0.87	2.87	0.98	6.8 oz
31.154	31.942	3/8" NPTF	3/8" NPTF	1/4"	0.87	0.87	2.87	0.98	6.5 oz
31.654	31.951	3/8" NPTF	3/8" NPTF	3/8"	0.87	0.87	2.87	0.98	6.5 oz

33.910		Seal kit for NW 1/4"
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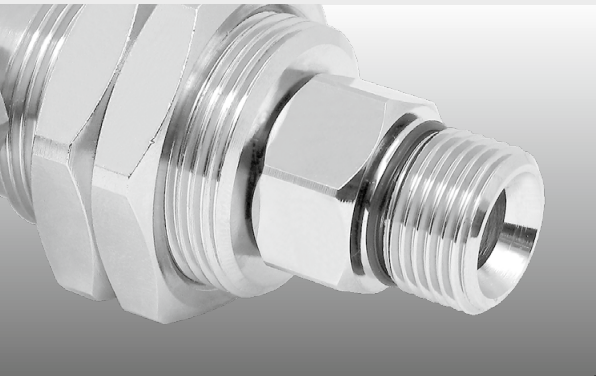
Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects
SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number.
Minimum orders apply.

- ✓ High speed, triple bearing system
- ✓ Bulkhead fitting for mounting
- ✓ Corrosion resistant
- ✓ Highest quality and precision
- ✓ Maintenance free

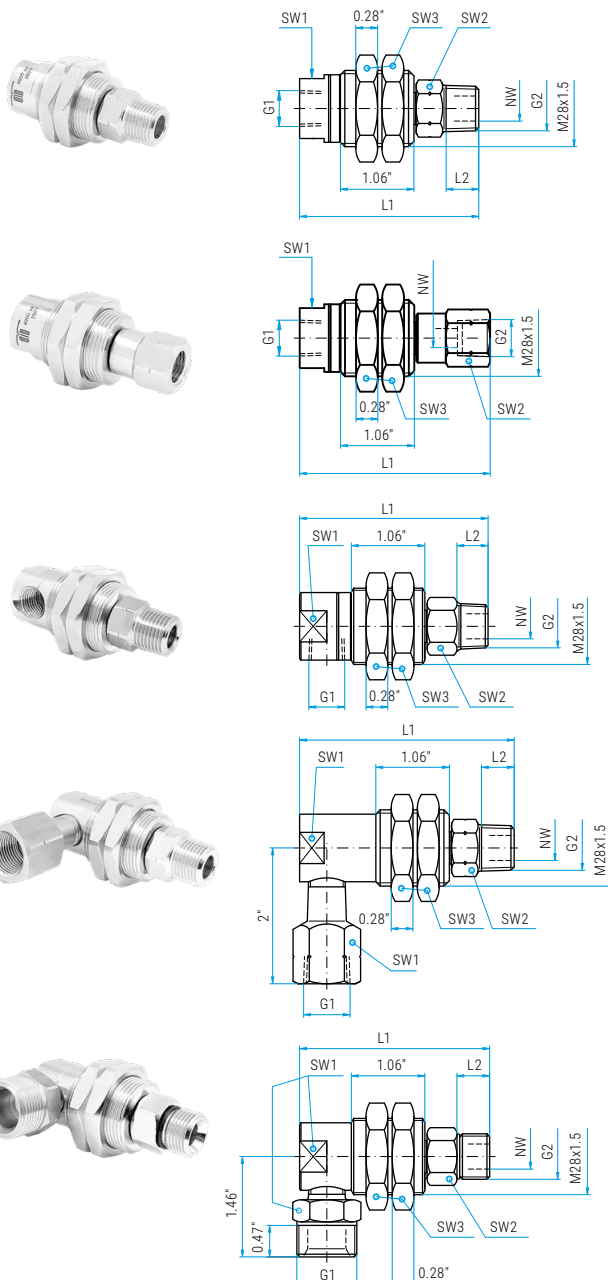
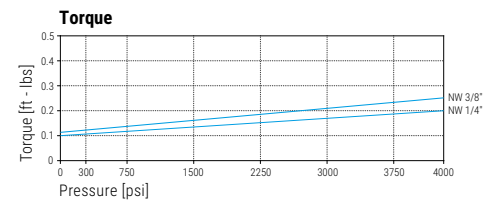
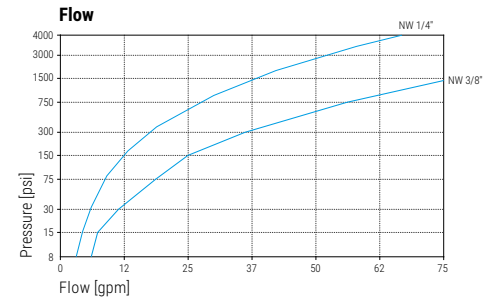


Application

High pressure cleaning technology, parts washers, tire cleaners, self rotating applications

TECHNICAL DATA

Pressure	4000 psi (27.5 MPa)
Temperature	90°F (at 1'000 rpm) 250°F (at 30 rpm)
RPM	max. 1'000 rpm
Body	DGG: brass, nickel plated DGGI: stainless steel
Inner part	stainless steel
Seal	O-ring NBR (optional: EPDM or FKM)
Bearing	2x radial ball bearings 1x thrust ball bearing
Throughput medium	pH 3 - 12 filtered 10 microns compressed air (290 psi)



DGG DGGI

Part No.	Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	SW3	L1	L2	Weight
33.051	33.924	1/4" NPTF	1/4" NPTM	1/4"	0.87	0.67	1.34*	2.71	0.43	8.5 oz
33.053	33.925	1/4" NPTF	3/8" NPTM	1/4"	0.87	0.75	1.34*	2.75	0.47	7.4 oz
33.063	33.907	1/4" NPTF	G3/8" M	1/4"	0.87	0.75	1.34*	2.59	0.39	8.7 oz
33.151	33.927	3/8" NPTF	1/4" NPTM	1/4"	0.87	0.67	1.34*	2.55	0.43	7.4 oz
33.153	33.928	3/8" NPTF	3/8" NPTM	1/4"	0.87	0.75	1.34*	2.59	0.47	8.5 oz
33.163	33.929	3/8" NPTF	G3/8" M	1/4"	0.87	0.75	1.34*	2.59	0.39	8.4 oz
33.653	33.930	3/8" NPTF	3/8" NPTM	3/8"	0.87	0.75	1.34*	2.63	0.47	7.6 oz

* at DGGI: 1.42"

Part No.	G1 (F)	G2 (F)	NW	SW1	SW2	SW3	L1	Weight
33.052	1/4" NPTF	1/4" NPTF	1/4"	0.87	0.75	1.34	2.75	7.4 oz
33.054	1/4" NPTF	3/8" NPTF	1/4"	0.87	0.87	1.34	2.87	8.5 oz
33.152	3/8" NPTF	1/4" NPTF	1/4"	0.87	0.75	1.34	2.75	8.7 oz
33.154	3/8" NPTF	3/8" NPTF	1/4"	0.87	0.87	1.34	2.87	8.8 oz

DGG 90°

Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	SW3	L1	L2	Weight
33.351	1/4" NPTF	1/4" NPTM	1/4"	0.87	0.67	1.34	2.71	0.43	7.8 oz
33.353	1/4" NPTF	3/8" NPTM	1/4"	0.87	0.75	1.34	2.75	0.47	8.5 oz

Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	SW3	L1	L2	Weight
33.453	3/8" NPTF	3/8" NPTM	1/4"	0.87	0.75	1.34	2.75	0.47	10.7 oz
33.463	3/8" NPTF	G3/8" M	1/4"	0.87	0.75	1.34	2.75	0.39	12.1 oz

Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	SW3	L1	L2	Weight
33.503	M21x1.5 M	G3/8" M	1/4"	0.87	0.75	1.34	2.76	0.47	10.4 oz
33.553	M22x1.5 M	G3/8" M	1/4"	0.87	0.75	1.34	2.76	0.47	11.7 oz

33.910	Seal kit for NW 1/4"
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Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects
SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number.
Minimum orders apply.

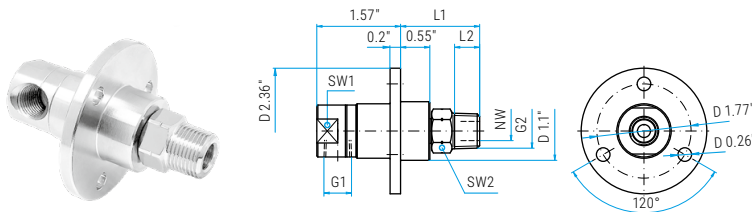
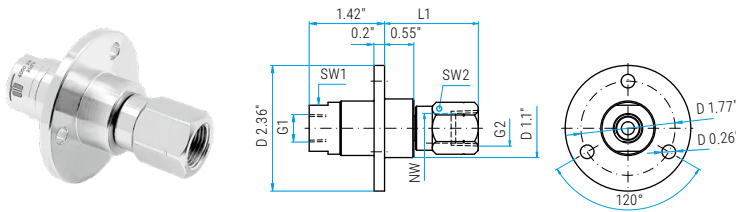
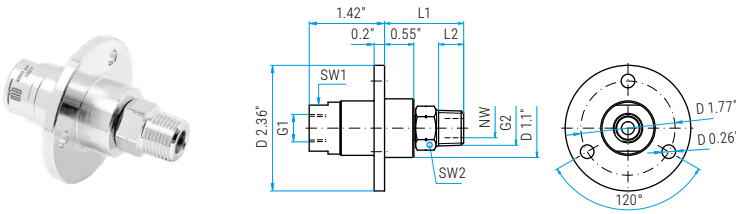
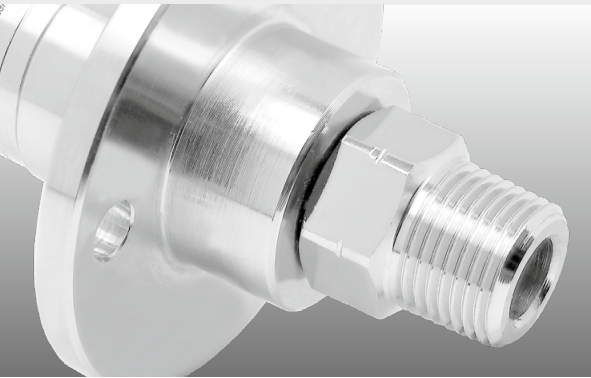
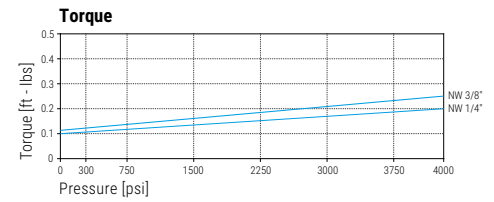
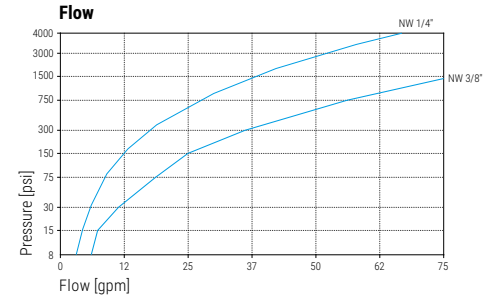
- ✓ High speed, triple bearing system
- ✓ Body design for easy installation
- ✓ Maintenance free
- ✓ Highest precision and quality

Application

High pressure cleaning technology, parts washers, tire cleaners, self rotating applications

TECHNICAL DATA

Pressure	4000 psi (27.5 MPa)
Temperature	90°F (at 1'000 rpm) 250°F (at 30 rpm) max. 1'000 rpm
RPM	
Body	brass, nickel plated
Inner part	stainless steel
Seal	O-ring NBR (optional: EPDM or FKM)
Bearing	2x radial ball bearings 1x thrust ball bearing
Throughput medium	pH 3 - 12 filtered 10 microns compressed air (290 psi)



DGF

Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	L1	L2	Weight
35.051	1/4" NPTF	1/4" NPTM	1/4"	0.87	0.67	1.45	0.43	10.4 oz
35.053	1/4" NPTF	3/8" NPTM	1/4"	0.87	0.75	1.49	0.47	11.0 oz
35.063	1/4" NPTF	G3/8" M	1/4"	0.87	0.75	1.49	0.39	12.0 oz
35.151	3/8" NPTF	1/4" NPTM	1/4"	0.87	0.67	1.45	0.43	11.0 oz
35.153	3/8" NPTF	3/8" NPTM	1/4"	0.87	0.75	1.49	0.47	10.4 oz
35.163	3/8" NPTF	G3/8" M	1/4"	0.87	0.75	1.49	0.39	11.6 oz
35.653	3/8" NPTF	3/8" NPTM	3/8"	0.87	0.75	1.49	0.47	11.3 oz

Part No.	G1 (F)	G2 (F)	NW	SW1	SW2	L1	Weight
35.052	1/4" NPTF	1/4" NPTF	1/4"	0.87	0.75	1.65	11.0 oz
35.054	1/4" NPTF	3/8" NPTF	1/4"	0.87	0.87	1.76	11.0 oz
35.152	3/8" NPTF	1/4" NPTF	1/4"	0.87	0.75	1.65	11.0 oz
35.154	3/8" NPTF	3/8" NPTF	1/4"	0.87	0.87	1.76	11.0 oz

DGF 90°

Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	L1	L2	Weight
35.351	1/4" NPTF	1/4" NPTM	1/4"	0.87	0.67	1.45	0.43	13.0 oz
35.353	1/4" NPTF	3/8" NPTM	1/4"	0.87	0.75	1.49	0.47	13.0 oz

Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	L1	L2	Weight
35.453	3/8" NPTF	3/8" NPTM	1/4"	0.87	0.75	1.49	0.47	15.0 oz
35.463	3/8" NPTF	G3/8" M	1/4"	0.87	0.75	1.49	0.39	12.9 oz

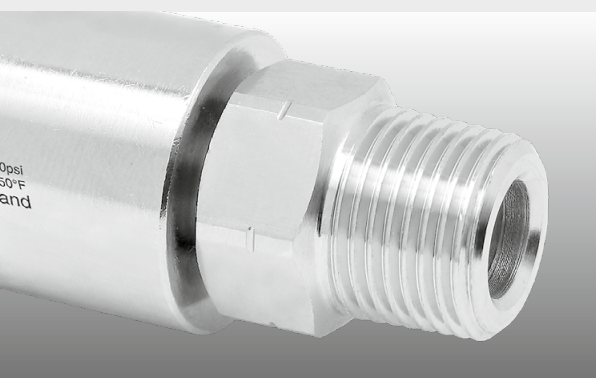
Legend

M.. = metric thrust, .M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects
SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number.
Minimum orders apply.

- ✓ High speed, triple bearing systems
- ✓ Seal failure warning, through weep holes
- ✓ Stainless steel
- ✓ Maintenance free

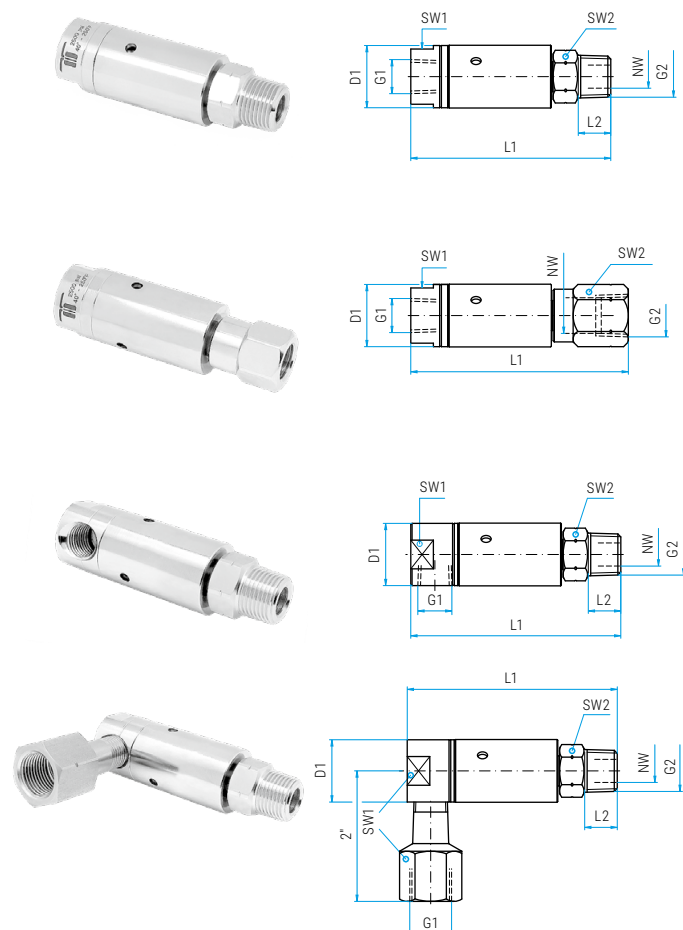
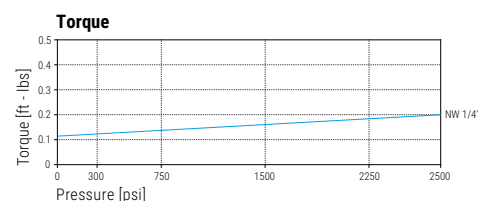
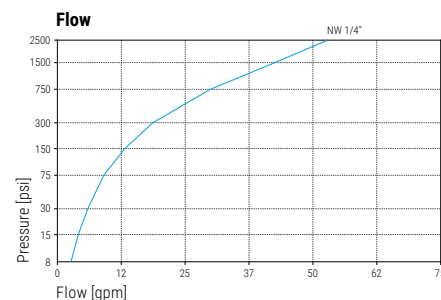


Application

High pressure cleaning technology, parts washers, tire cleaners, high rpm

TECHNICAL DATA

Pressure	2500 psi (17 MPa)
Temperature	40°F - 250°F
RPM	max. 2'000 rpm
Body	DXL: brass, nickel plated DXLI: stainless steel
Inner part	stainless steel
Seal	ceramic
Bearing	2x radial ball bearings 1x thrust ball bearing
Throughput medium	pH 3 - 12 filtered 10 microns compressed air (290 psi)



DXL DXLI

Part No.	Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	L1	L2	D1	Weight
36.051	36.056	1/4" NPTF	1/4" NPTM	1/4"	0.87	0.67	3.10	0.43	0.98	6.7 oz
36.053	36.058	1/4" NPTF	3/8" NPTM	1/4"	0.87	0.75	3.14	0.47	0.98	7.2 oz
36.063	36.068	1/4" NPTF	G3/8" M	1/4"	0.87	0.75	3.14	0.39	0.98	6.5 oz
36.151	36.156	3/8" NPTF	1/4" NPTM	1/4"	0.87	0.67	3.10	0.43	0.98	6.5 oz
36.153	36.158	3/8" NPTF	3/8" NPTM	1/4"	0.87	0.75	3.14	0.47	0.98	6.8 oz
36.163	36.168	3/8" NPTF	G3/8" M	1/4"	0.87	0.75	3.14	0.39	0.98	6.7 oz

Part No.	Part No.	G1 (F)	G2 (F)	NW	SW1	SW2	L1	D1	Weight
36.052	36.057	1/4" NPTF	1/4" NPTF	1/4"	0.87	0.75	3.30	0.98	7.5 oz
36.054	36.059	1/4" NPTF	3/8" NPTF	1/4"	0.87	0.87	3.42	0.98	7.8 oz
36.152	36.157	3/8" NPTF	1/4" NPTF	1/4"	0.87	0.75	3.30	0.98	6.7 oz
36.154	36.159	3/8" NPTF	3/8" NPTF	1/4"	0.87	0.87	3.42	0.98	7.5 oz

DXL 90° DXLI 90°

Part No.	Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	L1	L2	D1	Weight
36.351	36.356	1/4" NPTF	1/4" NPTM	1/4"	0.87	0.67	3.25	0.43	0.98	7.1 oz
36.353	36.358	1/4" NPTF	3/8" NPTM	1/4"	0.87	0.75	3.30	0.47	0.98	7.1 oz

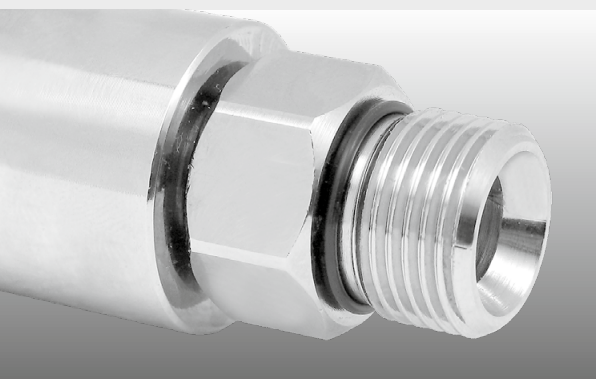
Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	L1	L2	D1	Weight
36.453	3/8" NPTF	3/8" NPTM	1/4"	0.87	0.75	3.30	0.47	0.98	8.5 oz
36.463	3/8" NPTF	G3/8" M	1/4"	0.87	0.75	3.30	0.39	0.98	9.5 oz

36.901	Seal kit
36.903	Seal kit + adhesive

Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects
SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

- ✓ For Steam
- ✓ High speed, triple bearing systems
- ✓ Flange for easy installation
- ✓ Seal failure warning through weep holes

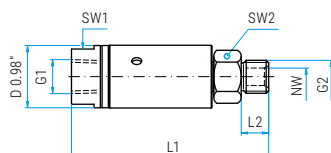
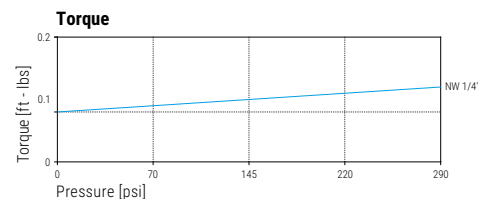


Application

Steam cleaner, self rotating applications

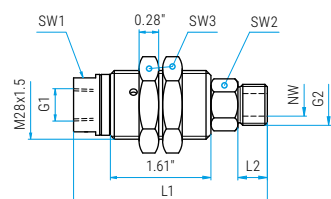
TECHNICAL DATA

Pressure	300 psi (2 MPa)
Temperature	350°F
RPM	max. 1'000 rpm
Body	brass, nickel plated
Inner part	stainless steel
Seal	ceramic
Bearing	2x radial ball bearings 1x thrust ball bearings
Throughput medium	Steam pH 3 - 12



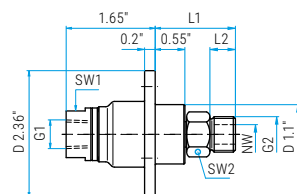
DXLS

Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	L1	L2	Weight
36.093	1/4\" NPTF	G3/8\" M	1/4\"	0.87	0.75	3.15	0.47	7.2 oz
36.193	3/8\" NPTF	G3/8\" M	1/4\"	0.87	0.75	3.15	0.47	7.8 oz



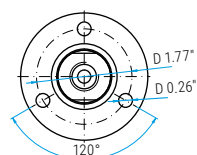
DXGS

Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	SW3	L1	L2	Weight
37.093	1/4\" NPTF	G3/8\" M	1/4\"	0.87	0.75	1.34	3.15	0.47	10.2 oz
37.193	3/8\" NPTF	G3/8\" M	1/4\"	0.87	0.75	1.34	3.15	0.47	7.8 oz



DXFS

Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	L1	L2	Weight
38.093	1/4\" NPTF	G3/8\" M	1/4\"	0.87	0.75	1.50	0.47	13.9 oz
38.193	3/8\" NPTF	G3/8\" M	1/4\"	0.87	0.75	1.50	0.47	10.4 oz

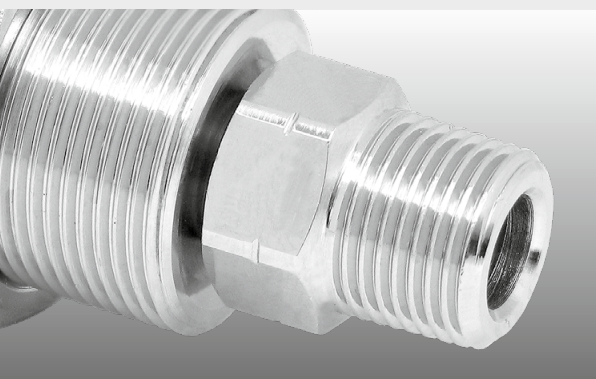


36.913	Seal kit for NW 1/4"
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Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects
SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

- ✓ High speed, triple bearing systems
- ✓ Bulkhead fitting for mounting
- ✓ Corrosion resistant
- ✓ Highest quality and precision
- ✓ Maintenance free

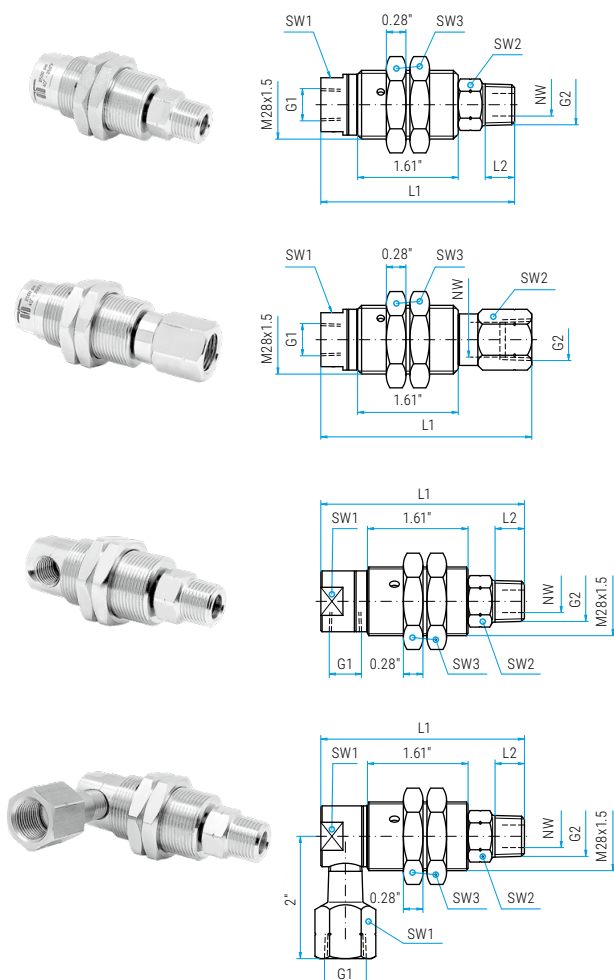
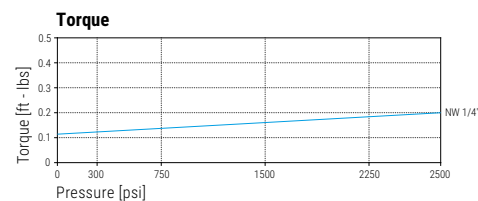
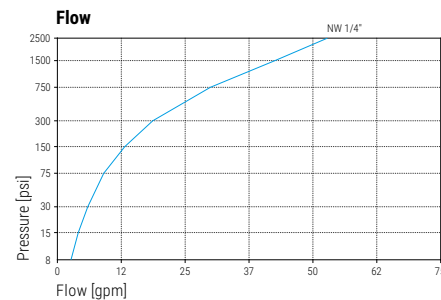


Application

Surface cleaners, parts washers, tire cleaners, high rpm, self rotating applications

TECHNICAL DATA

Pressure	2500 psi (17 MPa)
Temperature	40°F - 250°F
RPM	max. 2'000 rpm
Body	DXG: brass, nickel plated DXGI: stainless steel
Inner part	stainless steel
Seal	ceramic
Bearing	2x radial ball bearings 1x thrust ball bearing
Throughput medium	pH 3 - 12 filtered 10 microns compressed air (290 psi)



DXG DXGI

Part No.	Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	SW3	L1	L2	Weight
37.051	37.056	1/4" NPTF	1/4" NPTM	1/4"	0.87	0.67	1.34*	3.10	0.43	9.9 oz
37.053	37.058	1/4" NPTF	3/8" NPTM	1/4"	0.87	0.75	1.34*	3.14	0.47	10.2 oz
37.063	37.068	1/4" NPTF	G3/8" M	1/4"	0.87	0.75	1.34*	3.14	0.39	10.0 oz
37.151	37.156	3/8" NPTF	1/4" NPTM	1/4"	0.87	0.67	1.34*	3.10	0.43	9.6 oz
37.153	37.158	3/8" NPTF	3/8" NPTM	1/4"	0.87	0.75	1.34*	3.14	0.47	9.8 oz
37.163	37.168	3/8" NPTF	G3/8" M	1/4"	0.87	0.75	1.34*	3.14	0.39	9.7 oz

Part No.	Part No.	G1 (F)	G2 (F)	NW	SW1	SW2	SW3	L1	Weight
37.052	37.057	1/4" NPTF	1/4" NPTF	1/4"	0.87	0.75	1.34*	3.30	7.8 oz
37.054	37.059	1/4" NPTF	3/8" NPTF	1/4"	0.87	0.87	1.34*	3.42	7.8 oz
37.152	37.157	3/8" NPTF	1/4" NPTF	1/4"	0.87	0.75	1.34*	3.30	7.5 oz
37.154	37.159	3/8" NPTF	3/8" NPTF	1/4"	0.87	0.87	1.34*	3.42	7.5 oz

* at DXGI: 1.42"

DXG 90° DXGI 90°

Part No.	Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	SW3	L1	L2	Weight
37.351	37.356	1/4" NPTF	1/4" NPTM	1/4"	0.87	0.67	1.34*	3.26	0.43	9.6 oz
37.353	37.358	1/4" NPTF	3/8" NPTM	1/4"	0.87	0.75	1.34*	3.30	0.47	9.9 oz

* at DXGI: 1.42"

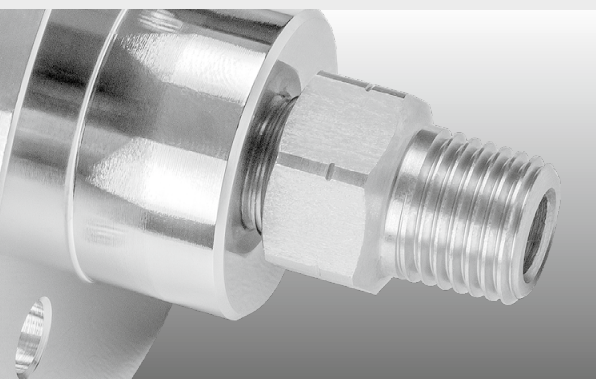
Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	SW3	L1	L2	Weight
37.453	3/8" NPTF	3/8" NPTM	1/4"	0.87	0.75	1.34	3.30	0.47	13.6 oz
37.463	3/8" NPTF	G3/8" M	1/4"	0.87	0.75	1.34	3.30	0.39	13.4 oz

36.901	Seal kit
36.903	Seal kit + adhesive

Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects
SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

- ✓ Flange for easy installation
- ✓ Seal failure warning, through weep holes
- ✓ Maintenance free
- ✓ Ceramic seals

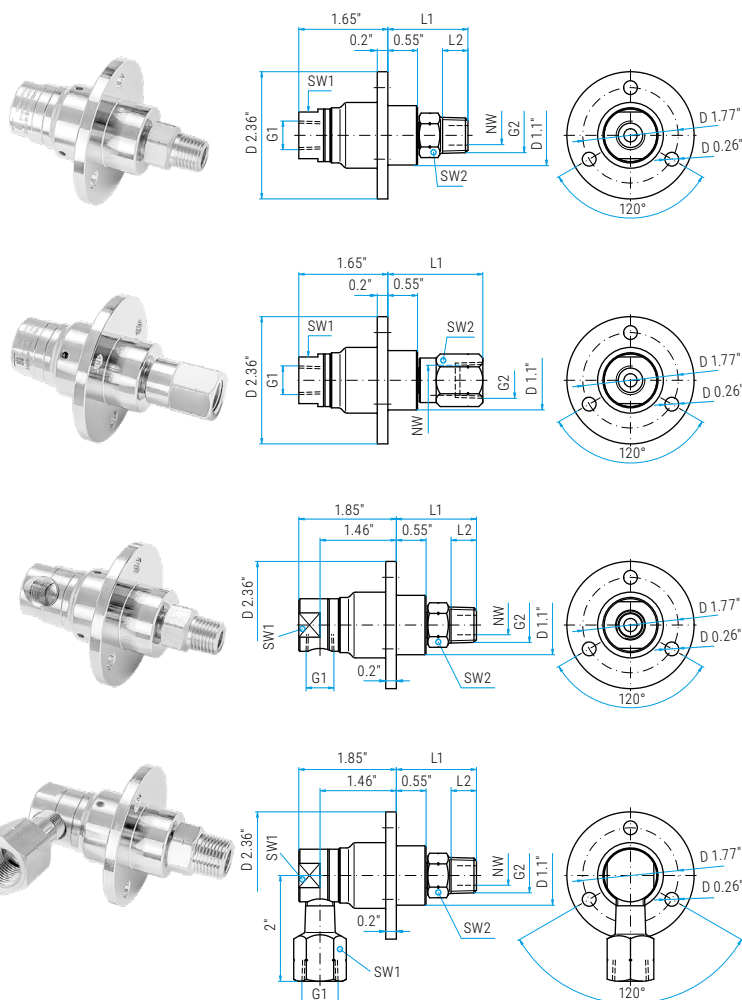
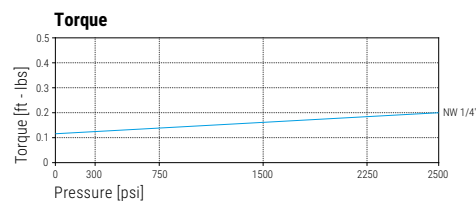
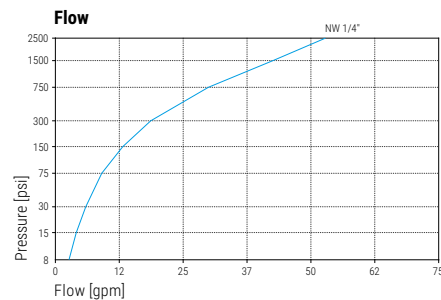


Application

High rpm, self rotating applications, surface cleaners, parts washers, tire cleaners

TECHNICAL DATA

Pressure	2500 psi (17 MPa)
Temperature	40°F - 250°F
RPM	max. 2'000 rpm
Body	DXF: brass, nickel plated DXFI: stainless steel
Inner part	stainless steel
Seal	ceramic
Bearing	2x radial ball bearings 1x thrust ball bearing
Throughput medium	pH 3 - 12 filtered 10 microns compressed air (290 psi)



DXF	DXFI								
Part No.	Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	L1	L2	Weight
38.051	38.056	1/4" NPTF	1/4" NPTM	1/4"	0.87	0.67	1.45	0.43	12.1 oz
38.053	38.058	1/4" NPTF	3/8" NPTM	1/4"	0.87	0.75	1.49	0.47	13.9 oz
38.063	38.068	1/4" NPTF	G3/8" M	1/4"	0.87	0.75	1.49	0.39	13.0 oz
38.151	38.156	3/8" NPTF	1/4" NPTM	1/4"	0.87	0.67	1.45	0.43	11.7 oz
38.153	38.158	3/8" NPTF	3/8" NPTM	1/4"	0.87	0.75	1.49	0.47	13.5 oz
38.163	38.168	3/8" NPTF	G3/8" M	1/4"	0.87	0.75	1.49	0.39	12.7 oz

Part No.	Part No.	G1 (F)	G2 (F)	NW	SW1	SW2	L1	Weight
38.052	38.057	1/4" NPTF	1/4" NPTF	1/4"	0.87	0.75	1.65	10.0 oz
38.054	38.059	1/4" NPTF	3/8" NPTF	1/4"	0.87	0.87	1.76	10.4 oz
38.152	38.157	3/8" NPTF	1/4" NPTF	1/4"	0.87	0.75	1.65	9.6 oz
38.154	38.159	3/8" NPTF	3/8" NPTF	1/4"	0.87	0.87	1.76	10.0 oz

DXF 90°	DXFI 90°								
Part No.	Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	L1	L2	Weight
38.351	38.356	1/4" NPTF	1/4" NPTM	1/4"	0.87	0.67	1.45	0.43	12.5 oz
38.353	38.358	1/4" NPTF	3/8" NPTM	1/4"	0.87	0.75	1.49	0.47	14.2 oz

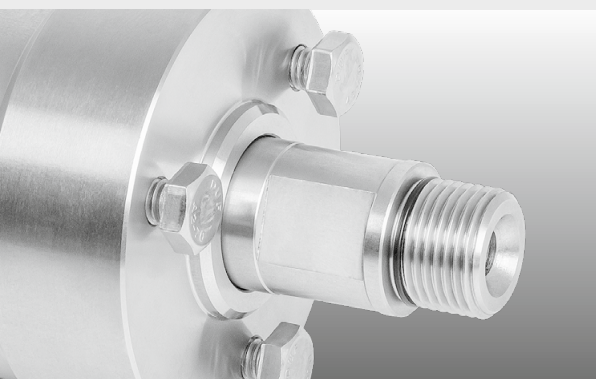
Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	L1	L2	Weight
38.453	3/8" NPTF	3/8" NPTM	1/4"	0.87	0.75	1.49	0.47	17.8 oz
38.463	3/8" NPTF	G3/8" M	1/4"	0.87	0.75	1.49	0.39	15.7 oz

36.901	Seal kit
36.903	Seal kit + adhesive

Legend

M... = metric thrust, .M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects
SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

- ✓ Quadruple bearing system
- ✓ Highest quality and precision
- ✓ Very low torque
- ✓ Maintenance free
- ✓ Side connection for weep capture
- ✓ Complete stainless steel construction

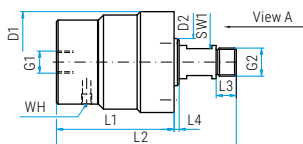
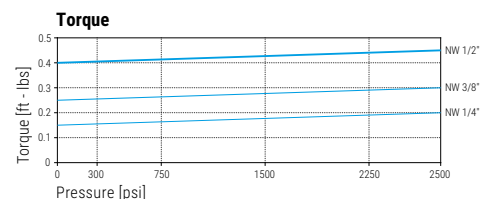
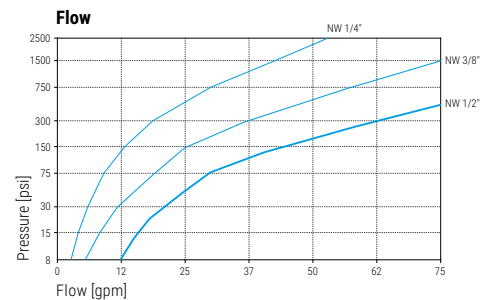


Application

High rpm, high pressure, self rotating applications, parts washers, tire cleaners, HP cleaning technology

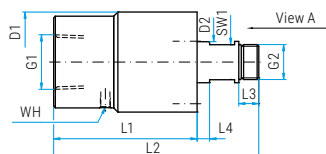
TECHNICAL DATA

Pressure	2500 psi (17 MPa)
Temperature	250°F
RPM	max. 2'000 rpm
Body	stainless steel
Inner part	stainless steel
Seal	ceramic
Bearing	2x radial ball bearings 2x thrust ball bearings
Throughput medium	pH 3 - 12 filtered 10 microns compressed air (290 psi)



DXTI

Part No.	G1 (F)	G2 (M)	NW	SW1	L1	L2	L3	L4	D1	D2	TK	Weight
39.063	1/4"NPT F	G3/8" M	1/4"	0.64	2.76	4.28	0.48	0.12	2.40	1.12	1.77	45.5 oz
39.663	3/8"NPT F	G3/8" M	3/8"	0.64	2.88	4.36	0.48	0.12	2.40	1.12	1.77	45.2 oz

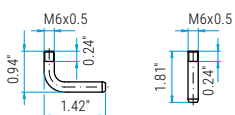


DXTI

Part No.	G1 (F)	G2 (M)	NW	SW1	L1	L2	L3	D1	D2	TK	Weight
39.865	1/2"NPT F	G1/2" M	1/2"	0.84	3.44	4.92	0.48	2.40	1.12	1.97	59.0 oz
39.907	3/4"NPT F	G1/2" M	1/2"	0.84	3.44	4.92	0.48	2.40	1.12	1.97	57.9 oz
39.905	1"NPT F	G1/2" M	1/2"	0.84	3.44	4.92	0.48	2.40	1.12	1.97	55.9 oz

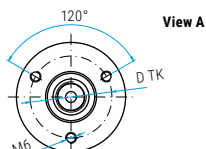
WH (weep hole)

Optional: Pipes for weep hole



Part No. 902.745

Part No. 902.765

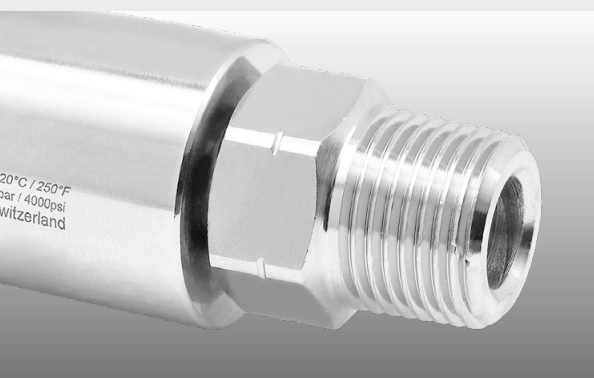


36.901	Seak kit for NW 1/4"
36.914	Seak kit for NW 3/8"
36.915	Seak kit for NW 1/2"

Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conival, QV = quick connects
SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

- ✓ Triple bearing system
- ✓ Seal failure warning, through weep holes
- ✓ Stainless steel
- ✓ Maintenance free
- ✓ Carbide seals

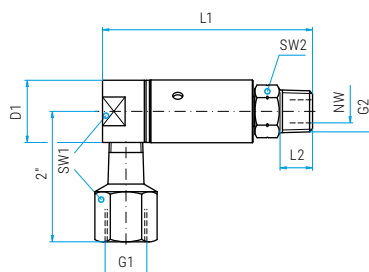
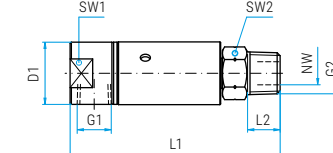
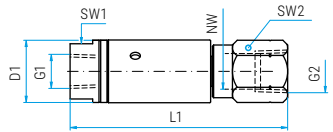
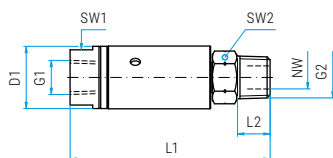
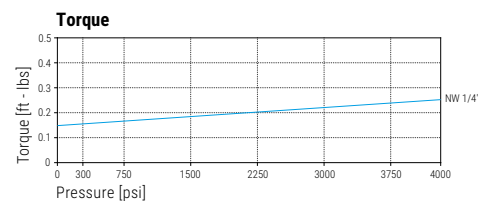
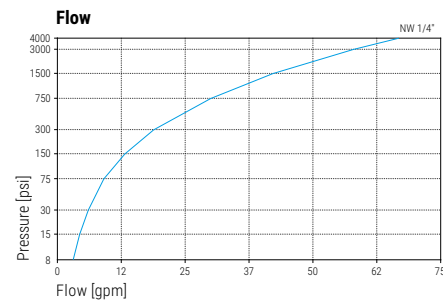


Application

High pressure cleaning technology, parts washers, tire cleaners, high speed

TECHNICAL DATA

Pressure	4000 psi (27.5 MPa)
Temperature	250°F
RPM	max. 2'000 rpm
Body	DYL: brass, nickel plated DYL: stainless steel
Inner part	stainless steel
Seal	carbide
Bearing	2x radial ball bearings 1x thrust ball bearing
Throughput medium	pH 3 - 12 filtered 10 microns compressed air (290 psi)



DYL DYLI

Part No.	Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	L1	L2	D1	Weight
56.051	56.056	1/4" NPTF	1/4" NPTM	1/4"	0.87	0.67	3.10	0.43	0.98	7.5 oz
56.053	56.058	1/4" NPTF	3/8" NPTM	1/4"	0.87	0.75	3.14	0.47	0.98	7.5 oz
56.063	56.068	1/4" NPTF	G3/8" M	1/4"	0.87	0.75	3.14	0.39	0.98	7.6 oz
56.151	56.156	3/8" NPTF	1/4" NPTM	1/4"	0.87	0.67	3.10	0.43	0.98	7.5 oz
56.153	56.158	3/8" NPTF	3/8" NPTM	1/4"	0.87	0.75	3.14	0.47	0.98	7.5 oz
56.163	56.168	3/8" NPTF	G3/8" M	1/4"	0.87	0.75	3.14	0.39	0.98	7.2 oz

Part No.	Part No.	G1 (F)	G2 (F)	NW	SW1	SW2	L1	D1	Weight
56.052	56.057	1/4" NPTF	1/4" NPTF	1/4"	0.87	0.75	3.30	0.98	8.2 oz
56.054	56.059	1/4" NPTF	3/8" NPTF	1/4"	0.87	0.87	3.42	0.98	8.2 oz
56.152	56.157	3/8" NPTF	1/4" NPTF	1/4"	0.87	0.75	3.30	0.98	8.2 oz
56.154	56.159	3/8" NPTF	3/8" NPTF	1/4"	0.87	0.87	3.42	0.98	8.2 oz

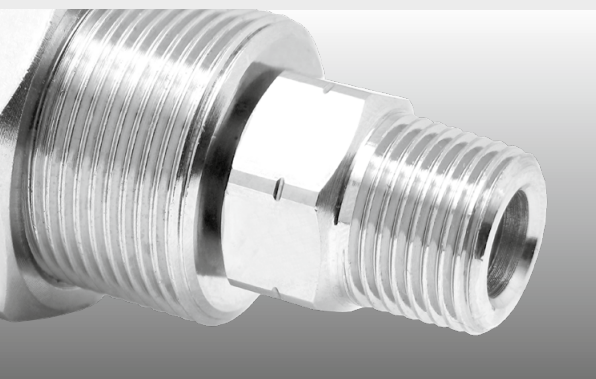
DYL 90° DYLI 90°

Part No.	Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	L1	L2	D1	Weight
56.351	56.356	1/4" NPTF	1/4" NPTM	1/4"	0.87	0.67	3.25	0.43	0.98	7.5 oz
56.353	56.358	1/4" NPTF	3/8" NPTM	1/4"	0.87	0.75	3.30	0.47	0.98	7.5 oz

Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	L1	L2	D1	Weight
56.453	3/8" NPTF	3/8" NPTM	1/4"	0.87	0.75	3.30	0.47	0.98	10.7 oz
56.463	3/8" NPTF	G3/8" M	1/4"	0.87	0.75	3.30	0.39	0.98	10.7 oz

36.905	Seal kit
36.906	Seal kit + adhesive

- ✓ Bulkhead fitting for mounting
- ✓ Corrosion resistant
- ✓ Highest quality and precision
- ✓ Maintenance free
- ✓ Carbide seals

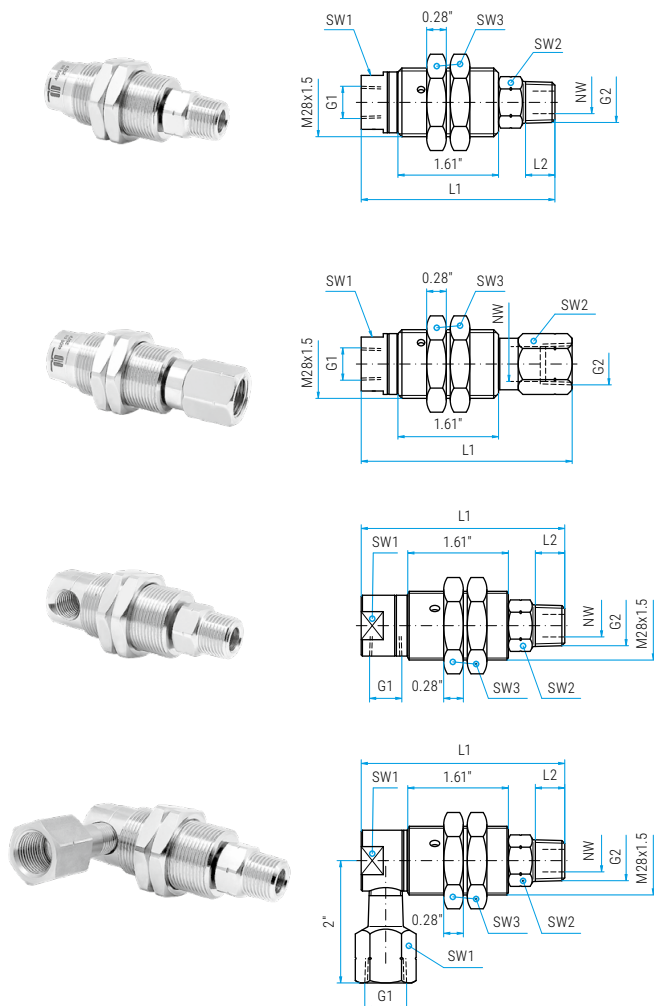
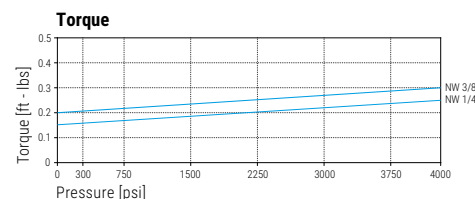
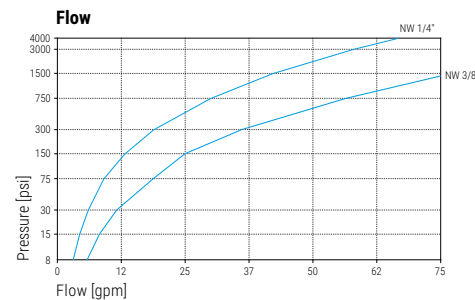


Application

Surface cleaners, parts washers, tire cleaners, high pressure, self rotating applications

TECHNICAL DATA

Pressure	4000 psi (27.5 MPa)
Temperature	250°F
RPM	max. 2'000 rpm
Body	DYG: brass, nickel plated DYG: stainless steel
Inner part	stainless steel
Seal	carbide
Bearing	2x radial ball bearings 1x thrust ball bearing
Throughput medium	pH 3 - 12 filtered 10 microns compressed air (290 psi)



DYG DYGI

Part No.	Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	SW3	L1	L2	Weight
57.051	57.056	1/4" NPTF	1/4" NPTM	1/4"	0.87	0.67	1.34*	3.10	0.43	8.5 oz
57.053	57.058	1/4" NPTF	3/8" NPTM	1/4"	0.87	0.75	1.34*	3.14	0.47	7.4 oz
57.063	57.068	1/4" NPTF	G3/8" M	1/4"	0.87	0.75	1.34*	3.14	0.39	10.6 oz
57.151	57.156	3/8" NPTF	1/4" NPTM	1/4"	0.87	0.67	1.34*	3.10	0.43	7.4 oz
57.153	57.158	3/8" NPTF	3/8" NPTM	1/4"	0.87	0.75	1.34*	3.14	0.47	8.5 oz
57.163	57.168	3/8" NPTF	G3/8" M	1/4"	0.87	0.75	1.34*	3.14	0.39	10.2 oz
57.653	57.658	3/8" NPTF	3/8" NPTM	3/8"	0.87	0.75	1.34*	3.13	0.47	7.6 oz

Part No.	Part No.	G1 (F)	G2 (F)	NW	SW1	SW2	SW3	L1	Weight
57.052	57.057	1/4" NPTF	1/4" NPTF	1/4"	0.87	0.75	1.34*	3.30	8.2 oz
57.054	57.059	1/4" NPTF	3/8" NPTF	1/4"	0.87	0.87	1.34*	3.42	8.6 oz
57.152	57.157	3/8" NPTF	1/4" NPTF	1/4"	0.87	0.75	1.34*	3.30	7.8 oz
57.154	57.159	3/8" NPTF	3/8" NPTF	1/4"	0.87	0.87	1.34*	3.42	8.2 oz
57.654	57.659	3/8" NPTF	3/8" NPTF	3/8"	0.87	0.87	1.34*	3.42	7.4 oz

* at DYGI: 1.42"

DYG 90° DYGI 90°

Part No.	Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	SW3	L1	L2	Weight
57.351	57.356	1/4" NPTF	1/4" NPTM	1/4"	0.87	0.67	1.34*	3.26	0.43	10.7 oz
57.353	57.358	1/4" NPTF	3/8" NPTM	1/4"	0.87	0.75	1.34*	3.30	0.47	11.0 oz

* at DYGI: 1.42"

Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	SW3	L1	L2	Weight
57.453	3/8" NPTF	3/8" NPTM	1/4"	0.87	0.75	1.34	3.30	0.47	10.7 oz
57.463	3/8" NPTF	G3/8" M	1/4"	0.87	0.75	1.34	3.30	0.39	14.0 oz

36.905	Seal kit for NW 1/4"
36.906	Seal kit for NW 1/4" + adhesive
36.908	Seal kit for NW 3/8"

Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects
SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

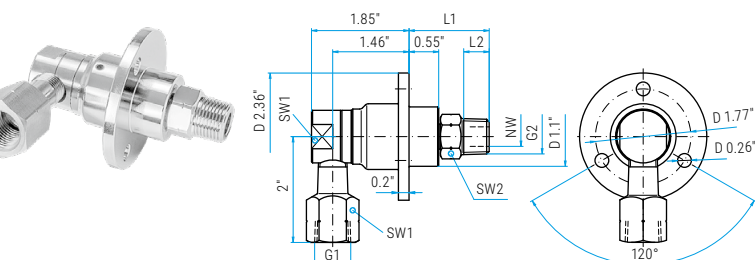
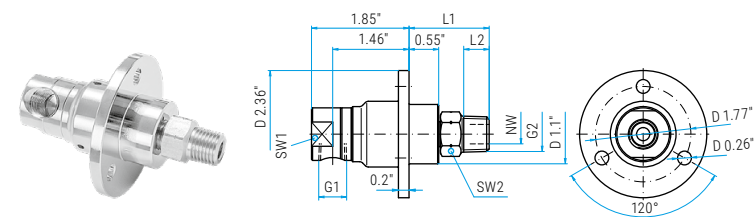
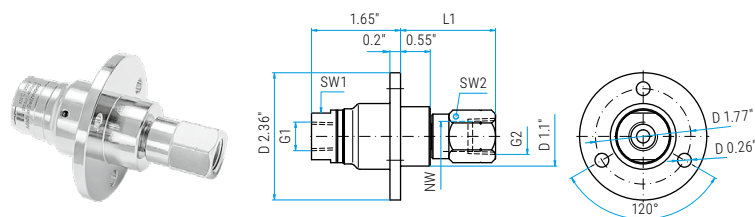
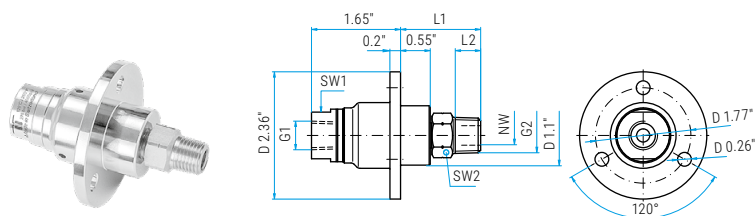
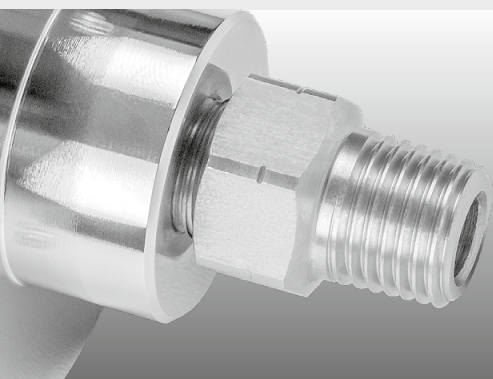
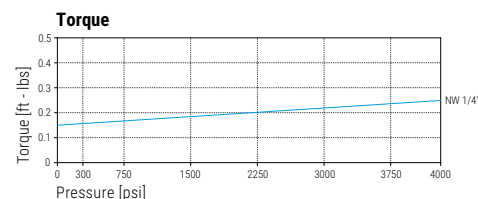
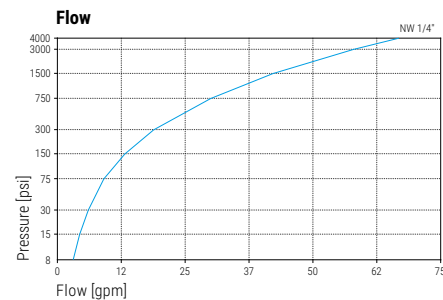
- ✓ Flange for easy installation
- ✓ Seal failure warning, through weep holes
- ✓ Maintenance free
- ✓ Carbide seal system

Application

Surface cleaners, parts washers, tire cleaners, high pressure, self rotating applications

TECHNICAL DATA

Pressure	4000 psi (27.5 MPa)
Temperature	250°F
RPM	max. 2'000 rpm
Body	DYF: brass, nickel plated DYFI: stainless steel
Inner part	stainless steel
Seal	carbide
Bearing	2x radial ball bearings 1x thrust ball bearing
Throughput medium	pH 3 - 12 filtered 10 microns compressed air (290 psi)



DYF	DYFI	G1 (F)	G2 (M)	NW	SW1	SW2	L1	L2	Weight
58.051	58.056	1/4" NPTF	1/4" NPTM	1/4"	0.87	0.67	1.45	0.43	10.4 oz
58.053	58.058	1/4" NPTF	3/8" NPTM	1/4"	0.87	0.75	1.49	0.47	11.0 oz
58.063	58.068	1/4" NPTF	G3/8" M	1/4"	0.87	0.75	1.49	0.39	13.5 oz
58.151	58.156	3/8" NPTF	1/4" NPTM	1/4"	0.87	0.67	1.45	0.43	11.0 oz
58.153	58.158	3/8" NPTF	3/8" NPTM	1/4"	0.87	0.75	1.49	0.47	10.4 oz
58.163	58.168	3/8" NPTF	G3/8" M	1/4"	0.87	0.75	1.49	0.39	13.2 oz

Part No.	Part No.	G1 (F)	G2 (F)	NW	SW1	SW2	L1	Weight
58.052	58.057	1/4" NPTF	1/4" NPTF	1/4"	0.87	0.75	1.65	11.0 oz
58.054	58.059	1/4" NPTF	3/8" NPTF	1/4"	0.87	0.87	1.76	11.0 oz
58.152	58.157	3/8" NPTF	1/4" NPTF	1/4"	0.87	0.75	1.65	11.0 oz
58.154	58.159	3/8" NPTF	3/8" NPTF	1/4"	0.87	0.87	1.76	11.0 oz

DYF 90°

Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	L1	L2	Weight
58.351	1/4" NPTF	1/4" NPTM	1/4"	0.87	0.67	1.45	0.43	13.0 oz
58.353	1/4" NPTF	3/8" NPTM	1/4"	0.87	0.75	1.49	0.47	13.0 oz

Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	L1	L2	Weight
58.453	3/8" NPTF	3/8" NPTM	1/4"	0.87	0.75	1.49	0.47	15.0 oz
58.463	3/8" NPTF	G3/8" M	1/4"	0.87	0.75	1.49	0.39	16.2 oz

36.905	Seal kit
36.906	Seal kit + adhesive

Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects
SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

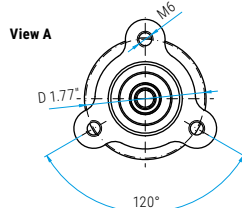
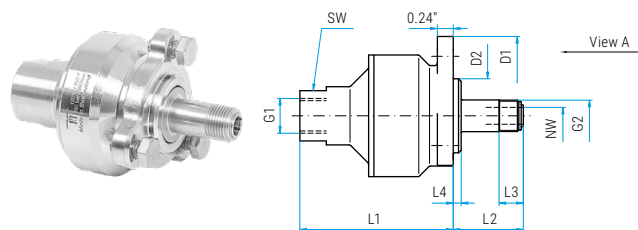
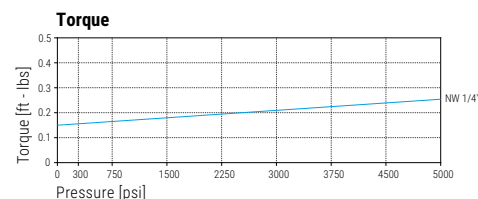
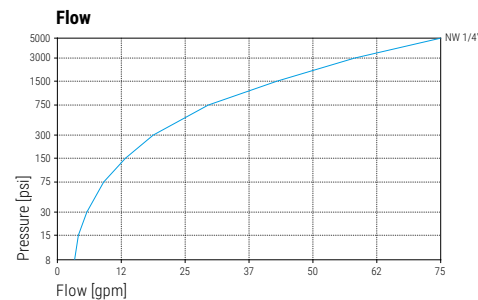
- ✓ Easy rotation under maximum pressure
- ✓ Flange for easy installation
- ✓ Sealed stainless steel bearings
- ✓ Maintenance free

Application

High rpm, high pressure, self rotating applications, wall cleaners, parts washers

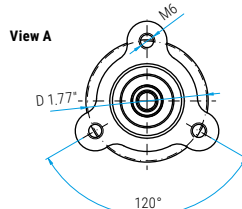
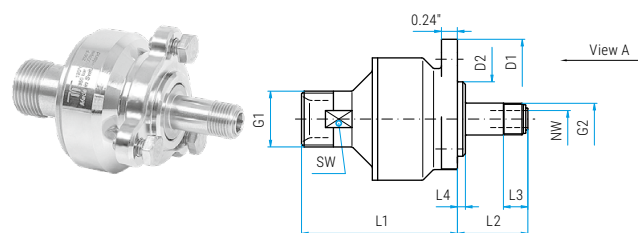
TECHNICAL DATA

Pressure	5000 psi (35 MPa)
Temperature	250°F
RPM	max. 2'000 rpm
Body	brass, nickel plated stainless steel
Inner part	stainless steel
Seal	carbide
Bearing	2x radial ball bearings 1x thrust ball bearing
Throughput medium	pH 3 - 12 filtered 10 microns compressed air (290 psi)



DYW

Part No.	G1 (F)	G2 (M)	NW	SW	L1	L2	L3	L4	D1	D2	Weight
55.070	1/4" NPTF	M12x1 M	1/4"	0.75	2.28	1.04	0.35	0.12	2.36	1.10	16.4 oz
55.170	3/8" NPTF	M12x1 M	1/4"	0.87	2.28	1.04	0.35	0.12	2.36	1.10	16.0 oz



DYW

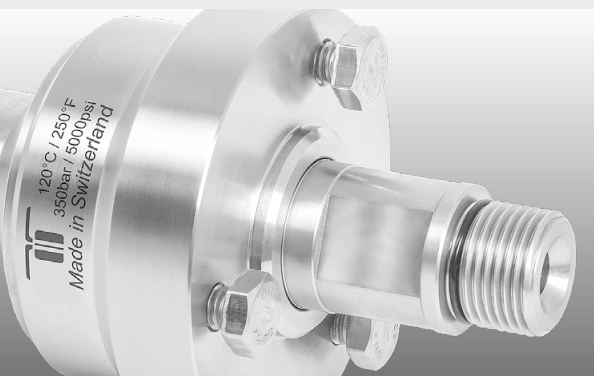
Part No.	G1 (QV)	G2 (M)	NW	SW	L1	L2	L3	L4	D1	D2	Weight
55.220	M21x1.5 M	M12x1 M	1/4"	0.75	2.28	1.04	0.35	0.12	2.36	1.10	15.7 oz
55.270	M22x1.5 M	M12x1 M	1/4"	0.79	2.28	1.04	0.35	0.12	2.36	1.10	16.0 oz

36.905	Seal kit
36.906	Seal kit + adhesive

Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects
SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

- ✓ Complete stainless steel construction
- ✓ Seal failure warning, through weep holes
- ✓ Sealed stainless steel bearings
- ✓ Carbide seal system



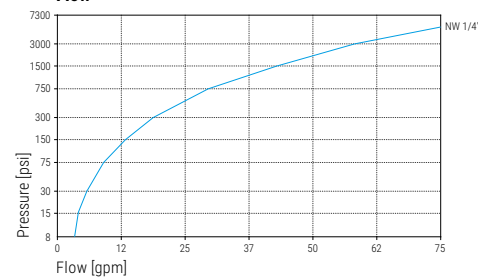
Application

High flow, high pressure, self rotating applications, surface cleaners, parts washers

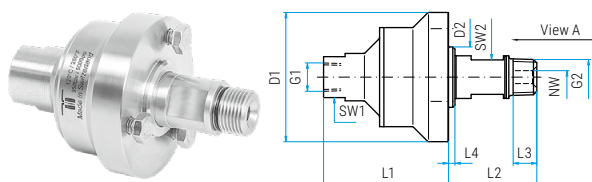
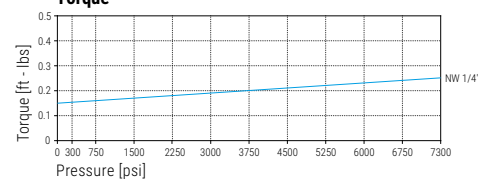
TECHNICAL DATA

Pressure	DYCI: 5000 psi (35 MPa) DYDI: 7300 psi (50 MPa)
Temperature	250°F
RPM	max. 2'000 rpm
Body	stainless steel
Inner part	stainless steel
Seal	carbide
Bearing	2x radial ball bearings 1x thrust ball bearing
Throughput medium	pH 3 - 12 filtered 10 microns compressed air (290 psi)

Flow

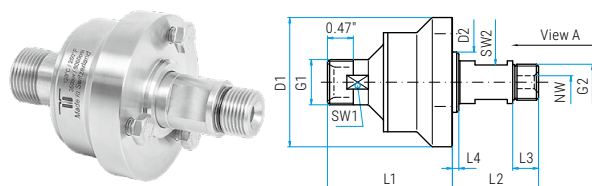


Torque



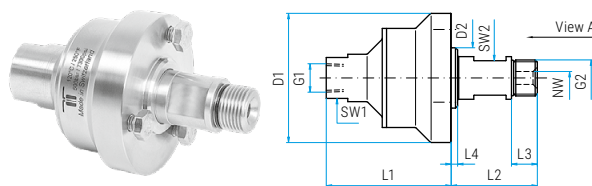
DYCI

Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	L1	L2	L3	L4	D1	D2	Weight
55.051	1/4" NPTF	1/4" NPTM	1/4"	0.87	0.63	2.28	1.46	0.39	0.12	2.36	1.10	23.0 oz
55.063	1/4" NPTF	G3/8" M	1/4"	0.87	0.63	2.28	1.46	0.47	0.12	2.36	1.10	23.0 oz
55.153	3/8" NPTF	3/8" NPTM	1/4"	0.87	0.63	2.28	1.46	0.43	0.12	2.36	1.10	23.0 oz
55.163	3/8" NPTF	G3/8" M	1/4"	0.87	0.63	2.28	1.46	0.47	0.12	2.36	1.10	23.0 oz



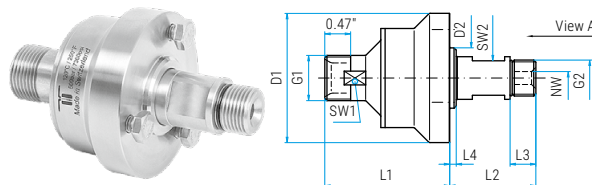
DYCI

Part No.	G1 (QV)	G2 (M)	NW	SW1	SW2	L1	L2	L3	L4	D1	D2	Weight
55.203	M21x1.5 M	G3/8" M	1/4"	0.75	0.63	2.28	1.46	0.47	0.12	2.36	1.10	23.0 oz
55.253	M22x1.5 M	G3/8" M	1/4"	0.79	0.63	2.28	1.46	0.47	0.12	2.36	1.10	23.0 oz



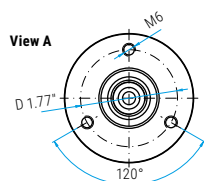
DYDI (7300 psi)

Part No.	G1 (F)	G2 (M)	NW	SW1	SW2	L1	L2	L3	L4	D1	D2	Weight
55.168	3/8" NPTF	G3/8" M	1/4"	0.87	0.63	2.28	1.46	0.47	0.12	2.36	1.10	23.0 oz



DYDI (7300 psi)

Part No.	G1 (QV)	G2 (M)	NW	SW1	SW2	L1	L2	L3	L4	D1	D2	Weight
55.263	M22x1.5 M	G3/8" M	1/4"	0.79	0.63	2.28	1.46	0.47	0.12	2.36	1.10	23.0 oz



36.905	DYCI Seal kit
36.906	DYCI Seal kit + adhesive
36.909	DYDI Seal kit (7300 psi)

Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects
SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

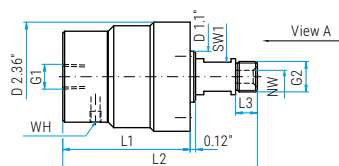
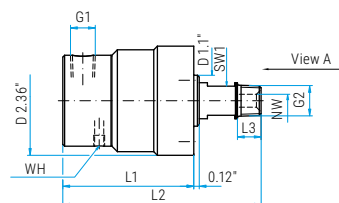
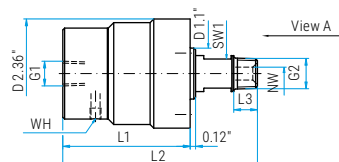
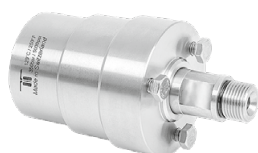
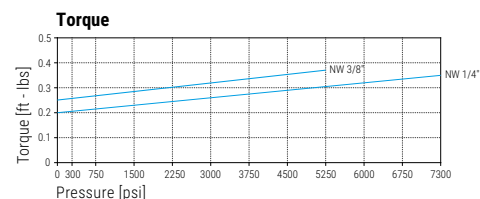
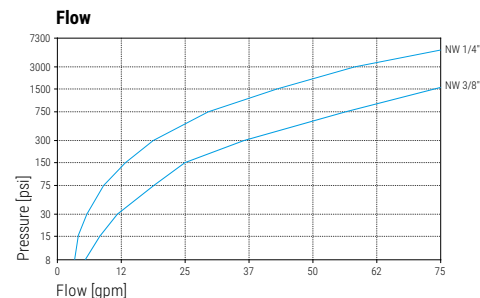
- ✓ Quadruple bearing system
- ✓ Highest precision and quality
- ✓ Seal failure warning, through weep holes
- ✓ Sealed stainless steel bearings
- ✓ Carbide seals

Application

High pressure/rpm, thrust and radial force, self rotating applications, surface cleaners, parts washers

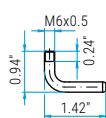
TECHNICAL DATA

Pressure	DYT: 5000 psi (35 MPa) DYU: 7300 psi (50 MPa)
Temperature	250°F
RPM	max. 2'000 rpm
Body	stainless steel
Inner part	stainless steel
Seal	carbide
Bearing	2x radial ball bearings 2x thrust ball bearings
Throughput medium	pH 3 - 12 filtered 10 microns compressed air (290 psi)

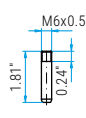


WH (weep hole)

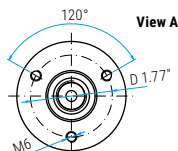
Optional: Pipes for weep hole



Part No. 902.745



Part No. 902.765



DYT

Part No.	G1 (F)	G2 (M)	NW	SW1	L1	L2	L3	Weight
59.051	1/4" NPTF	1/4" NPTM	1/4"	0.63	2.76	4.21	0.39	51.7 oz
59.053	1/4" NPTF	3/8" NPTM	1/4"	0.63	2.76	4.21	0.43	51.7 oz
59.063	1/4" NPTF	G3/8" M	1/4"	0.63	2.76	4.21	0.47	50.1 oz
59.151	3/8" NPTF	1/4" NPTM	1/4"	0.63	2.83	4.29	0.39	53.7 oz
59.153	3/8" NPTF	3/8" NPTM	1/4"	0.63	2.83	4.29	0.43	53.7 oz
59.163	3/8" NPTF	G3/8" M	1/4"	0.63	2.83	4.29	0.47	49.9 oz
59.653	3/8" NPTF	3/8" NPTM	3/8"	0.63	2.83	4.29	0.43	53.7 oz
59.663	3/8" NPTF	G3/8" M	3/8"	0.63	2.88	4.36	0.48	53.7 oz

DYT 90°

Part No.	G1 (F)	G2 (M)	NW	SW1	L1	L2	L3	Weight
59.351	1/4" NPTF	1/4" NPTM	1/4"	0.63	3.83	4.29	0.47	45.9 oz
59.363	1/4" NPTF	G3/8" M	1/4"	0.63	3.83	4.29	0.47	45.9 oz
59.453	3/8" NPTF	3/8" NPTM	1/4"	0.63	2.83	4.29	0.43	53.7 oz
59.463	3/8" NPTF	G3/8" M	1/4"	0.63	2.83	4.29	0.47	50.6 oz
59.902	3/4" NPTF	G3/8" M	3/8"	0.63	3.62	5.08	0.47	61.7 oz

DYU (7300 psi)

Part No.	G1 (F)	G2 (M)	NW	SW1	L1	L2	L3	Weight
59.168	3/8" NPTF	G3/8" M	1/4"	0.63	2.83	4.29	0.43	50.7 oz

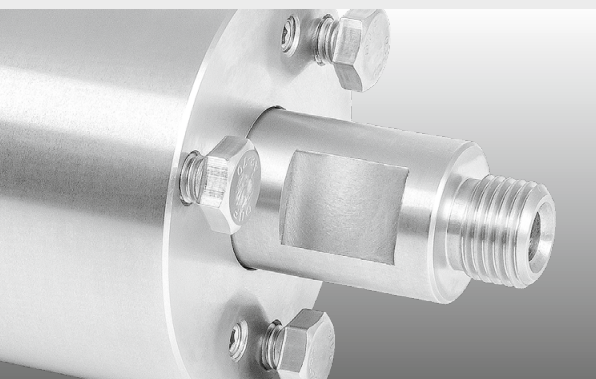
36.905	DYT Seal kit NW 1/4"
36.906	DYT Seal kit NW 1/4" + adhesive
36.908	DYT Seal kit NW 3/8"
36.909	DYU Seal kit NW 1/4" (7300 psi)

59.911	DYT/DYU Bearing kit NW 1/4" + 3/8"
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Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conival, QV = quick connects
SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

- ✓ Saltwater resistant
- ✓ With check valve
- ✓ Quadruple bearing system
- ✓ Carbide seal system
- ✓ Stainless steel

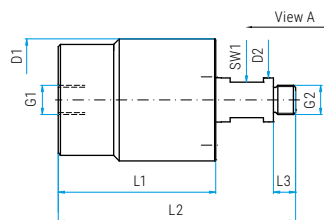
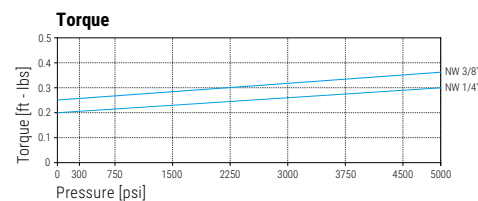
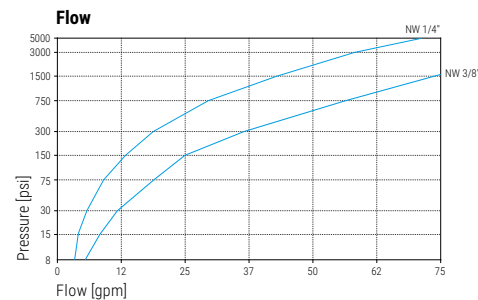


Application

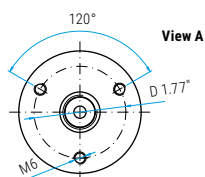
Underwater application (saltwater/freshwater), high rpm/pressure, thrust and radial forces

TECHNICAL DATA

Pressure	5000 psi (35 MPa)
Temperature	250°F
RPM	max. 2'000 rpm
Body	stainless steel
Inner part	stainless steel
Seal	ceramic
Bearing	stainless steel 2x radial ball bearings 2x thrust ball bearings
Throughput medium	pH 3 - 12 filtered 10 microns compressed air (290 psi)



Check valve



DYKI

Part No.	G1 (F)	G2 (M)	NW	SW1	L1	L2	L3	D1	D2	Weight
54.051	1/4" NPTF	1/4" NPTM	1/4"	0.63	2.8	4.21	0.47	2.17	0.79	2.54 oz
54.063	1/4" NPTF	G3/8" M	1/4"	0.63	2.8	4.21	0.47	2.17	0.79	2.54 oz
54.163	3/8" NPTF	G3/8" M	1/4"	0.63	2.87	4.29	0.47	2.17	0.79	2.56 oz
54.653	3/8" NPTF	3/8" NPTM	3/8"	0.63	2.87	4.33	0.51	2.17	0.79	2.56 oz
54.663	3/8" NPTF	G3/8" M	3/8"	0.63	2.87	4.29	0.47	2.17	0.79	2.56 oz

36.916	Seal kit NW 1/4"
36.917	Seal kit NW 3/8"

Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects
SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

- ✓ Easily installed
- ✓ Light and solid
- ✓ Compact design

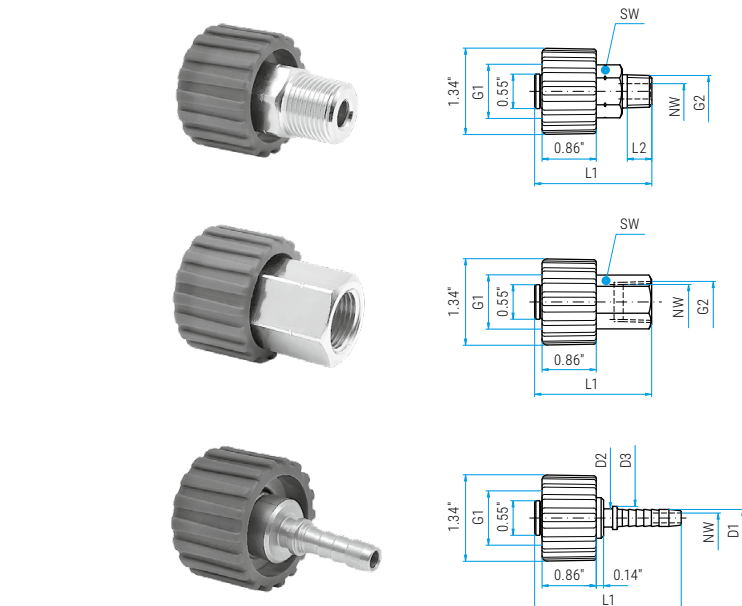
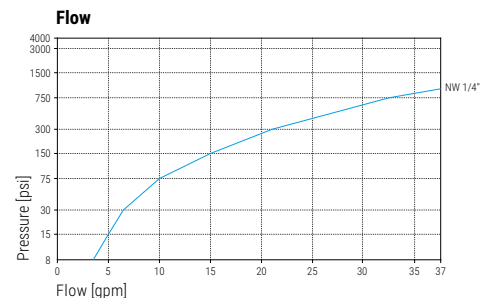


Application

High pressure cleaners, high pressure hose reels, quick coupling

TECHNICAL DATA

Pressure	3600 psi (25 MPa) also available as 7300 psi
Temperature	250°F
RPM	max. 30 rpm
Body	brass, nickel plated plastic
Inner part	stainless steel
Seal	O-ring NBR (optional: EPDM or FKM)
Throughput medium	pH 3 - 12 filtered 10 microns compressed air (290 psi)



QVS

Part No.	G1 (QV)	G2 (M)	NW	SW	L1	L2	Weight	Color
50.151	M22x1.5 F	1/4" NPTM	1/4"	0.75	1.87	0.39	3.30 oz	blue
50.153	M22x1.5 F	3/8" NPTM	1/4"	0.75	1.91	0.51	3.30 oz	blue

Part No.	G1 (QV)	G2 (F)	NW	SW	L1	Weight	Color
50.152	M22x1.5 F	1/4" NPTF	1/4"	0.75	1.83	3.50 oz	blue
50.154	M22x1.5 F	3/8" NPTF	1/4"	0.87	1.83	4.10 oz	blue

Part No.	G1 (QV)	S1	NW	L1	D1	D2	D3	Weight	Color
50.131	M22x1.5 F	1/4"	1/8"	2.26	0.26	0.29	0.39	2.30 oz	blue
50.132	M22x1.5 F	5/16"	7/32"	2.34	0.33	0.35	0.45	2.50 oz	blue
50.133	M22x1.5 F	3/8"	1/4"	2.40	0.39	0.42	0.53	2.10 oz	blue

Legend

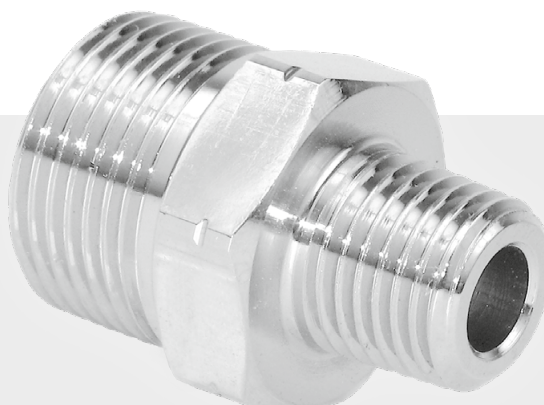
M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects
SV = profile ring fitting, D = diameter, L = length, NW = nominal width, SW = wrench size

Additional Seal Options available

EPDM (E) or FKM/Viton (V). Please indicate letter of seal material after part number.
Minimum orders apply.

- ✓ Brass, nickel plated or stainless steel
- ✓ Various thread configurations
- ✓ High precision

Different applications require different fitting types. Precision machined universal fitting to suite your application.



VER (4000 psi / brass, nickel plated)

		male						female	
		G1/4" M	G3/8" M	M18x1.5	M21x1.5	M22x1.5	3/8" NPTM	G1/4" F	G3/8" F
male	G1/4" M		52.004			52.221		52.011	
	G3/8" M	52.004	52.029		52.203	51.280		52.013	
	M21x1.5		52.203		52.208	52.209		52.202	52.204
	M22x1.5	52.221	51.280		52.209	52.229		52.222	52.224
female	G1/4" F	52.011	52.013		52.202	52.222		52.012	52.014
	G3/8" F				52.204	52.224		52.014	
Profile ring fittings	M14x1.5 M (08-L)				52.205	52.225			
	M16x1.5 M (10-L)				52.206	52.226			
	M18x1.5 M (12-L)				52.207	52.227			
NPT	1/4" NPTM			903.834	52.251	52.271	52.102	52.061	
	1/4" NPTF				52.252	52.272		52.062	
	3/8" NPTM				52.253	52.273	52.121	52.063	
	3/8" NPTF				52.254	52.274		52.064	

VER (7300 psi / stainless steel)

		male								female	
		G1/4" M	R1/4" M	G3/8" M	G1/2" M	M18x1.5	M21x1.5	M22x1.5	3/8" NPTM	G1/4" F	G3/8" F
male	G1/4" M	51.001	51.003	51.004	902.664	51.341	51.277	51.275		51.011	51.005
	G3/8" M	51.004	51.009			51.343	51.279	51.280		51.012	38217
	R1/2" M				904.645						
	M21x1.5	51.277		51.279							
	M22x1.5	51.275	51.913	51.280	904.687						51.224
female	G1/4" F	51.011	51.019	51.012		51.342					
	G3/8" F	51.005	51.021	38217		51.344		51.224			51.022
Profile ring fittings	M14x1.5 M (08-L)	51.301								51.302	
	M16x1.5 M (10-L)	51.321								51.322	
	M18x1.5 M (12-L)	51.341		51.343		51.359			51.353	51.342	51.344
NPT	1/4" NPTM	51.103						51.278		51.061	
	1/4" NPTF										
	3/8" NPTM					51.353					
	3/8" NPTF	51.129	51.129			51.354					

Other versions or sizes upon request.

TECHNICAL DATA

Pressure

4000 psi (27.5 MPa)

7300 psi (50 MPa)

Body

Brass nickel-plated or stainless steel

Legend

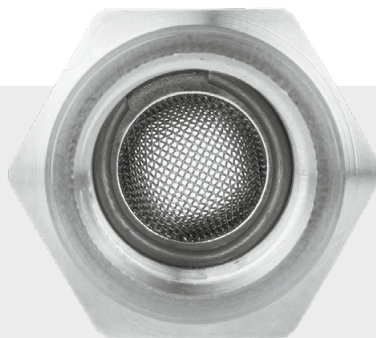
M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects, SV = profile ring fitting
D = diameter, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

ADAPTOR WITH SIEVE

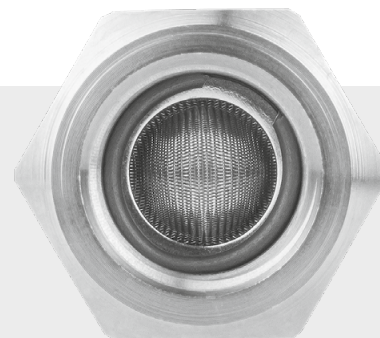
- ✓ 100% stainless steel
- ✓ Different mesh sizes available
- ✓ Easy to dismantle and clean



These adaptors are ideal for washing systems with reclaim. The sieve decreases the amount of debris flowing through the gun and onto the vehicle. It is simple to dismantle and clean.



Mesh count 50



Mesh count 200



Adaptor with sieve

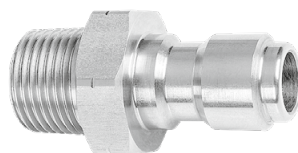
4000 psi, stainless steel

Part No.	IN / OUT	Mesh count	SW	Weight
53.011	3/8"NPTF / 3/8"NPTM	50	0.87"	0.13 lbs
53.012	3/8"NPTF / 3/8"NPTM	200	0.87"	0.13 lbs
53.015	1/2"NPTF / 1/2"NPTM	50	1.06"	0.13 lbs
53.016	1/2"NPTF / 1/2"NPTM	200	1.06"	0.13 lbs

HP COUPLINGS

- ✓ Quick to assemble / disassemble
- ✓ 100% stainless steel

Mosmatic high quality couplings create a safe and tight connection. They are great for quick assembly and disassembly of guns, wands and hoses.



Quick connect plug

5000 psi, stainless steel

Part No.	Thread	D	NW	SW	Weight
70.025	1/4" NPTF	0.47"	1/4"	0.67"	1.00 oz
70.026	1/4" NPTM	0.47"	1/4"	0.67"	1.00 oz
70.027	3/8" NPTF	0.6"	3/8"	0.87"	2.10 oz
70.028	3/8" NPTM	0.6"	3/8"	0.87"	2.10 oz



Quick connect coupler

5000 psi, stainless steel

Part No.	Thread	D	NW	SW	Weight
70.015	1/4" NPTF	0.47"	1/4"	0.87"	2.10 oz
70.016	1/4" NPTM	0.47"	1/4"	0.87"	2.80 oz
70.017	3/8" NPTF	0.6"	3/8"	0.94"	3.50 oz
70.018	3/8" NPTM	0.6"	3/8"	0.94"	3.50 oz

Legend

M... = metric thrust, ..M = male, F = female, G = gas pipe thrust, R = gas pipe thrust conical, QV = quick connects, SV = profile ring fitting
D = diameter, L = length, NW = nominal width, SW = wrench size, IN = media input, OUT = media output, RS = basic position

1. General

- 1.1 These General Terms and Conditions of Sale and Supply affect all goods and services sold and supplied by us. Any contrary terms laid down by the purchaser shall not be binding on us even if they have been identified as the basis for the purchaser's order.
- 1.2 Subordinate agreements, as well as changes and additions to the contract and to these General Terms and Conditions, shall only be valid if confirmed by us in writing.

2. Quotations, offers, and estimates

- 2.1 No offers made by us shall be regarded as binding.
- 2.2 We reserve the right to improve or modify the design or construction of our goods.

3. Prices

- 3.1 Our prices are given in Swiss Francs (CHF) and EURO (€), without packaging, ex-works Necker. All transport costs shall be charged to the purchaser.
- 3.2 We do not accept any deductions or charges relating to the disposal of packaging material. The purchaser shall bear any disposal costs that may arise.
- 3.3 All deliveries, including part-consignments, for which a delivery date is agreed that is more than three months later than the date of the order confirmation, shall be made at the selling price in force on the day of delivery.

4. Delivery periods

- 4.1 If a delivery period (as opposed to a delivery date) has been stated, it shall be deemed to start on the date of the written confirmation of order or alternatively the date of receipt of order if it confirms our offer without alteration. Any delivery period shall be prolonged accordingly if data or documentation does not reach us on time, if they are altered retroactively by the purchaser with our assent, or if any instalment payment arrives later than agreed.
- 4.2 If any failure to adhere to a delivery period is not exclusively our fault, the purchaser shall not thereby derive any right to cancel the contract, to refuse delivery, or to sue for damages.
- 4.3 Any Act of God or case of force majeure shall release us from our obligation to supply, without the purchaser deriving any further claim there from.
- 4.4 The entirety of all goods delivered shall remain the property of Mosmatic AG until the purchase price has been paid in full. The purchaser hereby expressly declares his consent to the appropriate entry in the „Register of Retained Title“.

5. Acceptance of goods by the recipient

- 5.1 The purchaser shall assume all risks at the moment the goods are handed over to the railway or postal authorities or collected from the Necker works by any party (e.g. freight forwarding agent or haulier) acting with his authority. If acceptance is delayed or made impossible for any reason beyond our control, we shall be entitled to store the goods, at the purchaser's risk and expense, on our premises or a third party's, and shall be deemed to have thereby fulfilled our obligations.

6. Payment

- 6.1 All invoices shall be due for payment within 30 days of the invoice date.
- 6.2 Payment shall be made only in the currency agreed. Cheques will be accepted by way of payment but shall not be regarded as settlement until they have been cleared.
- 6.3 There shall be no right of off-set against counter-claims unless the counter-claim is undisputed or has been acknowledged by a Court as final and absolute.
- 6.4 If a number of claims to payment are outstanding, we shall be entitled to determine which claim has been settled by any payments the purchaser makes.
- 6.5 As soon as the normal payment period has expired, and even if no payment reminder has been sent, interest shall be due on the arrears at the rate customary in the trade but at least 4 percentage points above the Discount Rate of the Swiss National Bank in force at the material time.
- 6.6 It shall only be permitted to withhold or reduce payments on account of complaints if we have given our consent.
- 6.7 We cannot process an order unless it reaches the minimum order amount of CHF/EUR 200.-.

7. Guarantee

- 7.1 We grant a guarantee on new products against all defects for which we are responsible covering a period of 12 months from the date of delivery. This guarantee does not cover parts (such as seals, ball bearings etc.) that are subject to normal wear and tear. The guarantee shall become null and void if any repairs are carried out improperly by the purchaser himself or any third party. We shall be free to select, at our own discretion, whether to replace items free of charge or to grant an appropriate reduction in the price. No claims whatever from the purchaser shall be entertained which go beyond the aforesaid, and claims for damages or nullification of the contract are expressly ruled out, regardless of the legal grounds on which they may be raised, which result from the installation of the goods supplied. The guarantee period shall start on the date of delivery, which is noted on the invoice.

- 7.2 Any defects in the goods shall be notified to us in writing at once, or in the case of visible defects within one week of their becoming apparent. No guarantee claims can be entertained if this requirement is not adhered to.

- 7.3 No returns will be accepted without prior authorization from a Mosmatic AG representative. All returns are subject to inspection. Returns must be sent pre-paid freight to Mosmatic AG, Oberhelfenschwilerstrasse 6, CH-9126 Necker, Switzerland. All returns must be accompanied by a RMA form (Return Material Authorisation) which clearly shows the RMA number and the customer ID number. The RMA form can be obtained from Mosmatic AG in writing or by calling our customer service number. RMA numbers are valid for 30 days only. If the merchandise is not returned within the 30-day period, the number becomes invalid and a new RMA number must be obtained. Supplying a RMA number does not acknowledge a warranty claim or manufactures defect. Mosmatic AG shall not under any circumstances be liable for losses or shipping damages of returned goods. Unused products arriving in resalable condition, including original packaging and manuals, are not subject to restocking fees. All other unused products or none stock items are subject to a 15% restocking fee.

8. Liability

- 8.1 Unless something else arises from the following, no further claims from the purchaser, irrespective of legal grounds they may be based on, are accepted by us.
- 8.2 Our liability for any claim for loss, damage or personal injury arising out of a contract shall be limited to the compensation of our product liability insurance.

9. Place of execution and jurisdiction, choice of law

- 9.1 The place of execution for purchaser and vendor shall be Necker, Canton of St Gallen, Switzerland.
- 9.2 In the event of any disputes relating to the validity of the contract or of these General Terms, the place of jurisdiction shall be Oberhelfenschwil, Switzerland.
- 9.3 These General Terms shall be subject to Swiss law exclusively. The German text shall be exclusively effective, this translation having been prepared for convenience only.

General Information

- With the publication of this catalogue, all previous catalogues and publications are no longer valid.
- We reserve the right to make technical modifications at any time without prior notification.
- For any special versions, manufactured to individual customer requirements, we decline any responsibility for their subsequent use and effects in operation.
- Validation of data and measurements exclude printing and typing errors.
- The details we provide are recommendations only, which we give to the best of our knowledge. Written confirmation of precise details can be obtained upon request.
- Mosmatic sells through a network of authorized dealers and representatives only.

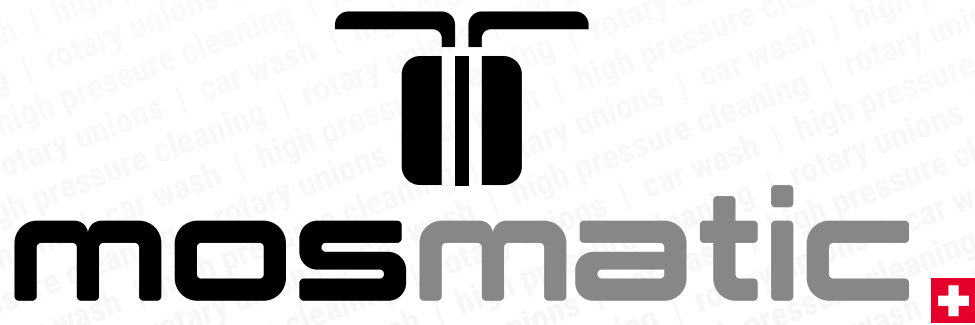
Use of your personal information

- We never sell or rent any of the information you provide us with to third parties.
- We use the information we collect for various purposes, including:
 - to complete your purchase transaction
 - to provide the services you requested
 - to send you our catalogues and offerings
 - to send you specials and updates per email
 - to contact you about the status of your order
- When you make a credit card transaction we collect your name, your billing address for the card, the card type, number and expiration date. We also collect information that allows us to ship your order, i.e. name, address and phone number of the intended recipient(s).

For your safety

- For your own safety always use protection gear like safety glasses, gloves etc. when using our products connected to high pressure.
- Safety regulations and guidelines (Accident prevention rules) from the manufacturer of high pressure equipment are applicable when using our products.
- Nozzle installation according to nozzle manufacturer.
- Mosmatic products should only be installed by experienced users of high pressure equipment. The responsibility for the safe and effective use of Mosmatic products rest with the user.

Online-Media



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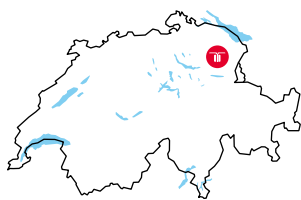


Instagram

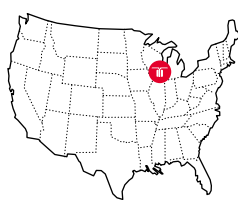
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swiss quality