

Actuated Valves



Note: Valve for illustration purposes only

Valve Actuation

Almost all the valves we supply can be automated.

From simple air actuation, to complex configurations, we can build a unit to your exact specifications.

Our in house experts can advise you on the options available and suggest the most suitable unit for your application. The valves are normally assembled by our dedicated valve actuation team, who can provide comprehensive after sales service.

Standard valves are shown on the following pages, but please contact Tony Welsh for any special requirements you may have.



Praher Type S4 Electrically Actuated Ball Valve

Description: In-line ball valve with electric actuator

Mounting: In any position

Maximum Fluid Pressure at 20°C: Sizes up to 63mm - 10 bar;
75mm - 6 bar; 90mm - 5 bar; 110mm - 4 bar

Fluid Temperature Range: 0°C-80°C

Construction:

Body: Polypropylene

Seals: EPDM or FPM

Seats: PTFE

End Connections: Fusion Sockets, Fusion Spigots, BSP Threaded,
Flanged BS4504 EN1072 PN10

Actuation:

Housing Material: Plastic with epoxy coated aluminium base

Voltages: 240v AC; 110v AC; 24v AC; 110v DC; 24v DC; 12v DC

Frequency Range: 50/60 Hz

Protection: IP65

Manual Override: Optional

Position Indicator: Included

Contacts: Open, closed. Additional contacts optional.



MM Fusion Sockets

	Size	Code	Price
110v ac	16	12 1378 E2AG	650.03
EPDM Seals	20	12 1379 E2AG	658.00
PTFE Seats	25	12 1381 E2AG	671.40
	32	12 1383 E2AG	682.37
	40	12 1385 E2AG	705.78
	50	12 1387 E2AG	732.99
	63	12 1389 E2AG	769.50
	75	12 1391 E2AG	1226.36
	90	12 1393 E2AG	1423.00
	110	12 2094 E2AG	1509.29

MM Fusion Sockets

	Size	Code	Price
110v ac	16	12 1377 E2AG	664.45
FPM Seals	20	12 1412 E2AG	667.28
PTFE Seats	25	12 1380 E2AG	682.70
	32	12 1382 E2AG	695.97
	40	12 1384 E2AG	721.39
	50	12 1386 E2AG	750.40
	63	12 1388 E2AG	790.24
	75	12 1390 E2AG	1267.00
	90	12 1392 E2AG	1483.57
	110	12 2115 E2AG	1587.29

Electric Actuated Valve Options		Pneumatic Actuated Valve Options	
Switch Options	Price included	Body Material Options	Price standard
Open/Closed	108.27	Technopolymer	free option
Open/Closed plus 2 x extra volt free		Hard anodised aluminium	on application
Actuator Options		Stainless steel	on application
Reversible actuator with manual override	standard	Double pack epoxy coated	
Uni-directional actuator without manual override	on application	Switchbox Options (with beacon)	
Customer specification actuator	on application	IP65 Technopolymer 2 x mechanical switches	101.25
EEXD version actuator	on application	IP65 Technopolymer 2 x proximity switches EEXIA	396.29
Power Options		IP67 Polycarbonate 2 x V3 gold plated switches	136.99
110v AC	standard	IP67 Polycarbonate 2 x V3 gold plated switches EEXIA	214.40
240v AC	free option	IP67 Polycarbonate 2 x proximity switches EEXIA	324.48
24v DC	on application	IP67 Aluminium 2 x V3 gold plated switches EEXD	357.38
24v AC	on application	Solenoid Valve Options	
Extra Options		240v AC Solenoid	104.22
Heater and thermostat	on application	110v AC Solenoid	104.22
4 - 20Ma positioner	on application	24v DC Solenoid	104.22
Fail-Safe operation	on application	24v AC Solenoid	104.22

Technical Resources

Register online for our technical catalogue

www.ipsflowsystems.com

Or call our technical team on:

0800 975 79 71



Praher Type S4 Pneumatically Actuated Ball Valve

Description: In-line ball valve with pneumatic operation

Mounting: In any position

Maximum Fluid Pressure at 20°C: Sizes up to 75mm - 10 bar;
 Sizes 90mm and 110mm - 6 bar

Fluid Temperature Range: 0°C-80°C

Construction:

Body: Polypropylene

Seals: EPDM or FPM

Seats: PTFE

End Connections: Fusion Sockets, Fusion Spigots, BSP Threaded,
 Flanged BS4504 EN1072 PN10

Actuation:

Housing Material: Plastic (optional aluminium)

Air Actuators: Fail-safe close, Fail-safe open, double acting

Protection: IP65

Manual Override: Optional

Position Indicator: Included

Contacts: Optional limit switch box with two mechanical switches

Pilot Valve: Solenoid, not included



MM Fusion Sockets

	Size	Code	Price
Fail-safe Close EPDM Seals PTFE Seats	16	12 1378 P1A	345.93
	20	12 1379 P1A	348.09
	25	12 1381 P1A	360.80
	32	12 1383 P1A	371.39
	40	12 1385 P1A	429.49
	50	12 1387 P1A	456.49
	63	12 1389 P1A	566.87
	75	12 1391 P1A	838.74
	90	12 1393 P1A	1116.65
	110	12 2094 P1A	1310.97

MM Fusion Spigots

	Size	Code	Price
Fail-safe Close EPDM Seals PTFE Seats	16	12 1430 P1A	345.93
	20	12 1432 P1A	348.09
	25	12 1434 P1A	360.80
	32	12 1436 P1A	371.39
	40	12 1438 P1A	429.49
	50	12 1440 P1A	456.49
	63	12 1442 P1A	566.87
	75	12 1444 P1A	838.74
	90	12 1446 P1A	1116.65
	110	12 2508 P1A	1310.97

MM Fusion Sockets

	Size	Code	Price
Double Acting EPDM Seals PTFE Seats	16	12 1378 P3A	320.80
	20	12 1379 P3A	322.97
	25	12 1381 P3A	335.70
	32	12 1383 P3A	346.26
	40	12 1385 P3A	369.19
	50	12 1387 P3A	396.18
	63	12 1389 P3A	460.49
	75	12 1391 P3A	728.16
	90	12 1393 P3A	1086.49
	110	12 2094 P3A	1104.90

MM Fusion Spigots

	Size	Code	Price
Double Acting EPDM Seals PTFE Seats	16	12 1430 P3A	320.80
	20	12 1432 P3A	322.97
	25	12 1434 P3A	335.70
	32	12 1436 P3A	346.26
	40	12 1438 P3A	369.19
	50	12 1440 P3A	396.18
	63	12 1442 P3A	460.49
	75	12 1444 P3A	728.16
	90	12 1446 P3A	1086.49
	110	12 2508 P3A	1104.90

MM Fusion Sockets

	Size	Code	Price
Fail-safe Close FPM Seals PTFE Seats	16	12 1377 P1A	354.80
	20	12 1412 P1A	357.14
	25	12 1380 P1A	372.41
	32	12 1382 P1A	384.93
	40	12 1384 P1A	445.42
	50	12 1386 P1A	474.41
	63	12 1388 P1A	587.98
	75	12 1390 P1A	879.77
	90	12 1392 P1A	1177.77
	110	12 2115 P1A	1388.87

MM Fusion Spigots

	Size	Code	Price
Fail-safe Close FPM Seals PTFE Seats	16	12 1431 P1A	354.80
	20	12 1433 P1A	357.14
	25	12 1435 P1A	372.41
	32	12 1437 P1A	384.93
	40	12 1439 P1A	445.42
	50	12 1441 P1A	474.41
	63	12 1443 P1A	587.98
	75	12 1445 P1A	879.77
	90	12 1447 P1A	1177.77
	110	12 2509 P1A	1388.87

MM Fusion Sockets

	Size	Code	Price
Double Acting FPM Seals PTFE Seats	16	12 1377 P3A	329.66
	20	12 1412 P3A	332.01
	25	12 1380 P3A	347.26
	32	12 1382 P3A	359.81
	40	12 1384 P3A	384.93
	50	12 1386 P3A	414.10
	63	12 1388 P3A	480.76
	75	12 1390 P3A	769.22
	90	12 1392 P3A	1047.13
	110	12 2115 P3A	1182.80

MM Fusion Spigots

	Size	Code	Price
Double Acting FPM Seals PTFE Seats	16	12 1431 P3A	329.66
	20	12 1433 P3A	332.01
	25	12 1435 P3A	347.26
	32	12 1437 P3A	359.81
	40	12 1439 P3A	385.12
	50	12 1441 P3A	414.10
	63	12 1443 P3A	480.76
	75	12 1445 P3A	769.22
	90	12 1447 P3A	1047.13
	110	12 2509 P3A	1182.80

Requires pilot valve - enquire for details.

Also available with BSP female threaded connections, and with fail-safe open actuators. Please enquire for details.

Praher Type T4 Pneumatically Actuated Diaphragm Valve

Description: In-line pneumatically operated diaphragm valve

Mounting: In any position

Maximum Fluid Pressure at 20°C: 10 bar

Fluid Temperature Range: 0°C-80°C

Construction:

Body: Polypropylene

Seals: EPDM, FPM or PTFE (EPDM backed)

End Connections: Fusion Spigots, Flanged BS4504 EN1072 PN10, Fusion Socket Unions

Actuation:

Housing Material: Glass reinforced polypropylene

Air Actuators: Fail-safe close, fail-safe open

Protection: IP65

Manual Override: Included

Position Indicator: Included

Contacts: Optional

Pilot Valve: Solenoid, not included



MM Fusion Spigots

Fail-safe Close
EPDM Diaphragm

Size	Code	Price
20	12 5679	212.74
25	12 5681	217.78
32	12 5683	309.08
40	12 5685	382.79
50	12 5687	382.79
63	12 5689	476.57

Flanged PN10

Fail-safe Close
EPDM Diaphragm

Size	Code	Price
20	12 5722	248.78
25	12 5724	253.77
32	12 5726	323.28
40	12 5728	420.45
50	12 5730	433.87
63	12 5732	507.32

MM Fusion Spigots

Fail-safe Open
EPDM Diaphragm

Size	Code	Price
20	12 5679 FSO	212.74
25	12 5681 FSO	217.78
32	12 5683 FSO	309.08
40	12 5685 FSO	382.79
50	12 5687 FSO	382.79
63	12 5689 FSO	476.57

Flanged PN10

Fail-safe Open
EPDM Diaphragm

Size	Code	Price
20	12 5722 FSO	248.48
25	12 5724 FSO	253.77
32	12 5726 FSO	323.28
40	12 5728 FSO	420.45
50	12 5730 FSO	433.87
63	12 5732 FSO	507.32

MM Fusion Spigots

Fail-safe Close
PTFE Diaphragm

Size	Code	Price
20	12 5680	223.63
25	12 5682	228.67
32	12 5684	323.28
40	12 5686	420.45
50	12 5688	433.87
63	12 5690	534.37

Flanged PN10

Fail-safe Close
PTFE Diaphragm

Size	Code	Price
20	12 5723	259.64
25	12 5725	264.67
32	12 5727	345.09
40	12 5729	438.88
50	12 5731	482.44
63	12 5733	587.13

MM Fusion Spigots

Fail-safe Open
PTFE Diaphragm

Size	Code	Price
20	12 5680 FSO	223.63
25	12 5682 FSO	228.67
32	12 5684 FSO	323.28
40	12 5686 FSO	420.45
50	12 5688 FSO	433.87
63	12 5690 FSO	534.37

Flanged PN10

Fail-safe Open
PTFE Diaphragm

Size	Code	Price
20	12 5723 FSO	259.63
25	12 5725 FSO	264.67
32	12 5727 FSO	345.09
40	12 5729 FSO	438.88
50	12 5731 FSO	482.44
63	12 5733 FSO	587.13

Requires pilot valve - enquire for details.