

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

110v ac
EPDM Seals
PTFE Seals

Size	Quantity	Part Number	Price
16	12	1378 E2AG	561.52
20	12	1379 E2AG	568.41
25	12	1381 E2AG	579.98
32	12	1383 E2AG	589.46
40	12	1385 E2AG	609.68
50	12	1387 E2AG	633.19
63	12	1389 E2AG	664.72
75	12	1391 E2AG	1059.37
90	12	1393 E2AG	1229.24
110	12	2094 E2AG	1303.78

MM Fusion Sockets

110v ac
FPM Seals
PTFE Seals

Size	Quantity	Part Number	Price
16	12	1377 E2AG	573.98
20	12	1412 E2AG	576.42
25	12	1380 E2AG	589.74
32	12	1382 E2AG	601.21
40	12	1384 E2AG	623.16
50	12	1386 E2AG	648.23
63	12	1388 E2AG	682.64
75	12	1390 E2AG	1094.49
90	12	1392 E2AG	1281.56
110	12	2115 E2AG	1371.15

Electric Actuated Valve Options

Option	Price
Switch Options	
Open/Closed	included
Open/Closed plus 2 x extra volt free	93.52
Actuator Options	
Reversible actuator with manual override	standard
Uni-directional actuator without manual override	on application
Customer specification actuator	on application
EEXD version actuator	on application
Power Options	
110v AC	standard
240v AC	free option
24v DC	on application
24v AC	on application
Extra Options	
Heater and thermostat	on application
4 - 20Ma positioner	on application
Fail-Safe operation	on application

Pneumatic Actuated Valve Options

Option	Price
Body Material Options	
Technopolymer	standard
Hard anodised aluminium	free option
Stainless steel	on application
Double pack epoxy coated	on application
Switchbox Options (with beacon)	
IP65 Technopolymer 2 x mechanical switches	87.47
IP65 Technopolymer 2 x proximity switches EEXIA	342.15
IP67 Polycarbonate 2 x V3 gold plated switches	118.34
IP67 Polycarbonate 2 x V3 gold plated switches EEXIA	185.21
IP67 Polycarbonate 2 x proximity switches EEXIA	295.84
IP67 Aluminium 2 x V3 gold plated switches EEXD	308.70
Solenoid Valve Options	
240v AC Solenoid	90.03
110v AC Solenoid	90.03
24v DC Solenoid	90.03
24v AC Solenoid	90.03

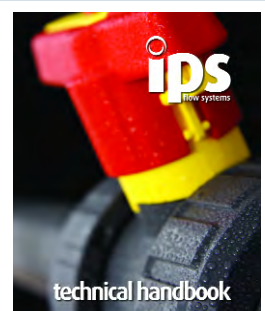
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Praher Type S4 Pneumatically Actuated Ball Valve

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

Fail-safe Close	16	12 1378 P1A	298.83
EPDM Seals	20	12 1379 P1A	300.69
PTFE Seats	25	12 1381 P1A	311.68
	32	12 1383 P1A	320.82
	40	12 1385 P1A	371.01
	50	12 1387 P1A	394.33
	63	12 1389 P1A	489.69
	75	12 1391 P1A	724.53
	90	12 1393 P1A	964.61
	110	12 2094 P1A	1132.47

MM Fusion Sockets

Fail-safe Close	16	12 1377 P1A	306.49
FPM Seals	20	12 1412 P1A	308.50
PTFE Seats	25	12 1380 P1A	321.70
	32	12 1382 P1A	322.51
	40	12 1384 P1A	384.77
	50	12 1386 P1A	409.81
	63	12 1388 P1A	507.91
	75	12 1390 P1A	759.78
	90	12 1392 P1A	1017.41
	110	12 2115 P1A	1199.75

MM Fusion Spigots

Fail-safe Close	16	12 1430 P1A	298.83
EPDM Seals	20	12 1432 P1A	300.69
PTFE Seats	25	12 1434 P1A	311.68
	32	12 1436 P1A	320.82
	40	12 1438 P1A	371.01
	50	12 1440 P1A	394.33
	63	12 1442 P1A	489.69
	75	12 1444 P1A	724.53
	90	12 1446 P1A	964.61
	110	12 2508 P1A	1132.47

MM Fusion Spigots

Fail-safe Close	16	12 1431 P1A	306.49
FPM Seals	20	12 1433 P1A	308.50
PTFE Seats	25	12 1435 P1A	321.70
	32	12 1437 P1A	322.51
	40	12 1439 P1A	384.77
	50	12 1441 P1A	409.81
	63	12 1443 P1A	507.91
	75	12 1445 P1A	759.98
	90	12 1447 P1A	1017.41
	110	12 2509 P1A	1199.75

MM Fusion Sockets

Double Acting	16	12 1378 P3A	277.11
EPDM Seals	20	12 1379 P3A	278.99
PTFE Seats	25	12 1381 P3A	289.99
	32	12 1383 P3A	299.11
	40	12 1385 P3A	318.92
	50	12 1387 P3A	342.23
	63	12 1389 P3A	397.79
	75	12 1391 P3A	629.02
	90	12 1393 P3A	938.55
	110	12 2094 P3A	954.46

MM Fusion Sockets

Double Acting	16	12 1377 P3A	284.77
FPM Seals	20	12 1412 P3A	286.80
PTFE Seats	25	12 1380 P3A	299.97
	32	12 1382 P3A	310.82
	40	12 1384 P3A	332.51
	50	12 1386 P3A	357.71
	63	12 1388 P3A	415.30
	75	12 1390 P3A	664.48
	90	12 1392 P3A	904.55
	110	12 2115 P3A	1021.75

MM Fusion Spigots

Double Acting	16	12 1430 P3A	271.11
EPDM Seals	20	12 1432 P3A	278.99
PTFE Seats	25	12 1434 P3A	289.99
	32	12 1436 P3A	299.11
	40	12 1438 P3A	318.92
	50	12 1440 P3A	342.23
	63	12 1442 P3A	397.79
	75	12 1444 P3A	629.02
	90	12 1446 P3A	938.55
	110	12 2508 P3A	954.32

MM Fusion Spigots

Double Acting	16	12 1431 P3A	284.77
FPM Seals	20	12 1433 P3A	286.80
PTFE Seats	25	12 1435 P3A	299.97
	32	12 1437 P3A	310.82
	40	12 1439 P3A	332.68
	50	12 1441 P3A	357.71
	63	12 1443 P3A	415.30
	75	12 1445 P3A	664.48
	90	12 1447 P3A	904.55
	110	12 2509 P3A	1021.75

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 S4 Electrically Actuated Butterfly Valve

Description: Wafer style butterfly valve with electric actuation
Mounting: In any position, between flanges to BS4504 EN1072 PN10
Maximum Fluid Pressure at 20°C: Sizes 3"/90mm to 5"/140mm - 10 bar;
 Sizes 6"/160mm to 8"/225mm - 6 bar
Fluid Temperature Range: 0°C-80°C
Construction:
Body: Polypropylene
Seals: EPDM or FPM
Shaft: Stainless Steel 304
End Connections: Flange mounted (flanges not included)
Actuation:
Housing Material: Plastic with epoxy coated aluminium base
Voltages: 240v AC; 110v AC; 24v AC; 110v DC; 24v DC; 24v DC; 12v DC
Frequency Range: 50/60 Hz **Protection:** IP65 **Manual Override:** Optional
Position Indicator: Included **Contacts:** Open, closed. Additional contacts optional.



110v ac EPDM Seals	3"/90	12 1927 E2AG	1137.50
	4"/110	12 1928 E2AG	1246.44
	5"/140	12 2544 E2AG	1345.34
	6"/160	12 1929 E2AG	1947.44
	8"/225	12 1930 E2AG	2115.86

110v ac FPM Seals	3"/90	12 1931 E2AG	1191.96
	4"/110	12 1932 E2AG	1304.50
	5"/140	12 2310 E2AG	1414.95
	6"/160	12 1933 E2AG	2019.11
	8"/225	12 1934 E2AG	2207.60

Praher Type S4 Pneumatically Actuated Butterfly Valve

Description: Wafer style butterfly valve with pneumatic operation
Mounting: In any position, between flanges to BS4504 EN1072 PN10
Maximum Fluid Pressure at 20°C: Sizes 3"/90mm to 5"/140mm - 10 bar;
 Sizes 6"/160mm to 8"/225mm - 6 bar
Fluid Temperature Range: 0°C-80°C
Construction:
Body: Polypropylene
Seals: EPDM or FPM
Shaft: Stainless Steel 304
End Connections: Flange mounted (flanges not included)
Actuation:
Housing Material: 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



Fail-safe Close EPDM Seals	3"/90	12 1927 P1D	779.97
	4"/110	12 1928 P1D	918.86
	5"/140	12 2544 P1D	1036.08
	6"/160	12 1929 P1D	1342.12
	8"/225	12 1930 P1D	1529.51

Fail-safe Close FPM Seals	3"/90	12 1931 P1D	834.94
	4"/110	12 1932 P1D	978.18
	5"/140	12 2310 P1D	1118.57
	6"/160	12 1933 P1D	1413.76
	8"/225	12 1934 P1D	1622.11

Double Acting EPDM Seals	3"/90	12 1927 P3D	677.21
	4"/110	12 1928 P3D	748.11
	5"/140	12 2544 P3D	847.96
	6"/160	12 1929 P3D	1000.62
	8"/225	12 1930 P3D	1271.95

Double Acting FPM Seals	3"/90	12 1931 P3D	732.21
	4"/110	12 1932 P3D	807.44
	5"/140	12 2310 P3D	930.45
	6"/160	12 1933 P3D	1104.09
	8"/225	12 1934 P3D	1364.56

Fail-safe Open EPDM Seals	3"/90	12 1927 P2D	779.97
	4"/110	12 1928 P2D	918.86
	5"/140	12 2544 P2D	1036.08
	6"/160	12 1929 P2D	1342.12
	8"/225	12 1930 P2D	1529.51

Fail-safe Open FPM Seals	3"/90	12 1931 P2D	834.94
	4"/110	12 1932 P2D	978.18
	5"/140	12 2310 P2D	1118.57
	6"/160	12 1933 P2D	1413.76
	8"/225	12 1934 P2D	1622.11

Requires pilot valve - 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	20	12 5679	183.77
	25	12 5681	188.12
	32	12 5683	266.99
	40	12 5685	330.67
	50	12 5687	330.67
	63	12 5689	411.69

Flanged PN10

Fail-safe Close EPDM Diaphragm	20	12 5722	214.90
	25	12 5724	219.22
	32	12 5726	279.27
	40	12 5728	363.20
	50	12 5730	374.79
	63	12 5732	457.29

MM Fusion Spigots

Fail-safe Open EPDM Diaphragm	20	12 5679 FSO	183.77
	25	12 5681 FSO	188.12
	32	12 5683 FSO	266.99
	40	12 5685 FSO	330.67
	50	12 5687 FSO	330.67
	63	12 5689 FSO	411.69

Flanged PN10

Fail-safe Open EPDM Diaphragm	20	12 5722 FSO	214.90
	25	12 5724 FSO	219.22
	32	12 5726 FSO	279.27
	40	12 5728 FSO	363.20
	50	12 5730 FSO	374.79
	63	12 5732 FSO	457.29

MM Fusion Spigots

Fail-safe Close PTFE Diaphragm	20	12 5680	193.18
	25	12 5682	197.53
	32	12 5684	279.27
	40	12 5686	363.20
	50	12 5688	374.79
	63	12 5690	461.61

Flanged PN10

Fail-safe Close PTFE Diaphragm	20	12 5723	224.29
	25	12 5725	228.64
	32	12 5727	298.10
	40	12 5729	379.12
	50	12 5731	416.75
	63	12 5733	507.18

MM Fusion Spigots

Fail-safe Open PTFE Diaphragm	20	12 5680 FSO	193.18
	25	12 5682 FSO	197.53
	32	12 5684 FSO	279.27
	40	12 5686 FSO	363.20
	50	12 5688 FSO	376.79
	63	12 5690 FSO	461.61

Flanged PN10

Fail-safe Open PTFE Diaphragm	20	12 5723 FSO	224.29
	25	12 5725 FSO	228.64
	32	12 5727 FSO	298.10
	40	12 5729 FSO	379.12
	50	12 5731 FSO	416.75
	63	12 5733 FSO	507.18

Requires pilot valve - enquire for details.