

Praher Type S4 Electrically Actuated Ball Valve

Description: In-line ball valve with electric operation

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 - 120°C

Construction:

Body: PVDF

Seals: FPM

Seats: PTFE

End Connections: Fusion sockets, fusion spigots, BSP Female Threaded or flanged BS4504 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

	16	12 1449 E2AG	599.91
110v AC	20	12 1450 E2AG	601.48
FPM Seals	25	12 1448 E2AG	626.43
PTFE Seats	32	12 1451 E2AG	657.09
	40	12 1452 E2AG	702.23
	50	12 1453 E2AG	778.19
	63	12 1454 E2AG	875.64
	75	12 1455 E2AG	1338.54
	90	12 1456 E2AG	1539.19
	110	12 2032 E2AG	1917.53

MM Fusion Spigots

	16	12 2259 E2AG	599.91
110v AC	20	12 1491 E2AG	601.48
FPM Seals	25	12 1492 E2AG	626.43
PTFE Seats	32	12 1493 E2AG	657.09
	40	12 1494 E2AG	702.23
	50	12 1495 E2AG	778.19
	63	12 1496 E2AG	875.64
	75	12 1497 E2AG	1338.54
	90	12 1498 E2AG	1539.19
	110	12 2012 E2AG	1917.53

Electric Actuated Valve Options		Pneumatic Actuated Valve Options	
Switch Options	Price	Body Material Options	Price
Open/Closed	included	Technopolymer	standard
Open/Closed plus 2 x extra volt free	93.52	Hard anodised aluminium	free option
Actuator Options		Stainless steel	on application
Reversible actuator with manual override	standard	Double pack epoxy coated	on application
Uni-directional actuator without manual override	on application	Switchbox Options (with beacon)	
Customer specification actuator	on application	IP65 Technopolymer 2 x mechanical switches	87.47
EEXD version actuator	on application	IP65 Technopolymer 2 x proximity switches EEXIA	342.15
Power Options		IP67 Polycarbonate 2 x V3 gold plated switches	118.34
110v AC	standard	IP67 Polycarbonate 2 x V3 gold plated switches EEXIA	185.21
240v AC	free option	IP67 Polycarbonate 2 x proximity switches EEXIA	295.84
24v DC	on application	IP67 Aluminium 2 x V3 gold plated switches EEXD	308.70
24v AC	on application	Solenoid Valve Options	
Extra Options		240v AC Solenoid	90.03
Heater and thermostat	on application	110v AC Solenoid	90.03
4 - 20Ma positioner	on application	24v DC Solenoid	90.03
Fail-Safe operation	on application	24v AC Solenoid	90.03



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 - 16 bar;

Sizes 90mm to 110mm - 10 bar

Fluid Temperature Range: 0°C - 120°C

Construction:

Body: PVDF

Seals: FPM

Seats: PTFE

End Connections: Fusion sockets, fusion spigots or BSP Female 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	12.1449 P1A	336.20
FPM Seals	20	12.1450 P1A	337.78
PTFE Seats	25	12.1448 P1A	362.73
	32	12.1451 P1A	393.41
	40	12.1452 P1A	468.62
	50	12.1453 P1A	543.89
	63	12.1454 P1A	705.11
	75	12.1455 P1A	1010.35
	90	12.1456 P1A	1279.79
	110	12.2033 P1A	1749.84

MM Fusion Spigots

Fail-safe close	16	12.2259 P1A	336.20
FPM Seals	20	12.1491 P1A	337.78
PTFE Seats	25	12.1492 P1A	362.73
	32	12.1493 P1A	393.41
	40	12.1494 P1A	468.62
	50	12.1495 P1A	543.89
	63	12.1496 P1A	705.11
	75	12.1497 P1A	1010.35
	90	12.1498 P1A	1279.79
	110	12.2012 P1A	1749.84

BSP Female Threaded

Fail-safe close	3/8	12.2093 P1A	336.20
FPM Seals	1/2	12.1482 P1A	337.78
PTFE Seats	3/4	12.1483 P1A	362.73
	1	12.1484 P1A	393.41
	1 1/4	12.1485 P1A	468.62
	1 1/2	12.1486 P1A	543.89
	2	12.1487 P1A	705.11

Flanged BS4504 PN10/16

Fail-safe close	1/2	12.2025 P1A	413.18
FPM Seals	3/4	12.2026 P1A	482.25
PTFE Seats	1	12.2027 P1A	535.28
	1 1/4	12.2502 P1A	642.76
	1 1/2	12.2503 P1A	779.61
	2	12.2504 P1A	1008.94
	2 1/2	12.2505 P1A	1513.38
	3	12.2506 P1A	2032.18

MM Fusion Sockets

Double Acting	16	12.1449 P3A	314.72
FPM Seals	20	12.1450 P3A	316.30
PTFE Seats	25	12.1448 P3A	341.24
	32	12.1451 P3A	371.90
	40	12.1452 P3A	417.05
	50	12.1453 P3A	492.30
	63	12.1454 P3A	613.39
	75	12.1455 P3A	915.78
	90	12.1456 P3A	1168.00
	110	12.2032 P3A	1573.58

MM Fusion Spigots

Double Acting	16	12.2259 P3A	314.72
FPM Seals	20	12.1491 P3A	316.30
PTFE Seats	25	12.1492 P3A	341.24
	32	12.1493 P3A	371.90
	40	12.1494 P3A	417.05
	50	12.1495 P3A	492.30
	63	12.1496 P3A	613.39
	75	12.1497 P3A	915.78
	90	12.1498 P3A	1168.00
	110	12.2012 P3A	1573.58

BSP Female Threaded

Double Acting	3/8	12.2093 P3A	314.72
FPM Seals	1/2	12.1482 P3A	316.30
PTFE Seats	3/4	12.1483 P3A	341.24
	1	12.1484 P3A	371.90
	1 1/4	12.1485 P3A	417.05
	1 1/2	12.1486 P3A	492.30
	2	12.1487 P3A	613.39

Flanged BS4504 PN10/16

Double Acting	1/2	12.2025 P3A	391.68
FPM Seals	3/4	12.2026 P3A	460.75
PTFE Seats	1	12.2027 P3A	513.79
	1 1/4	12.2502 P3A	591.18
	1 1/2	12.2503 P3A	728.03
	2	12.2504 P3A	917.19
	2 1/2	12.2505 P3A	1418.80
	3	12.2506 P3A	1920.39

Requires pilot valve - enquire for details.

Also available with fail-safe open actuators. Please enquire for details.

ASV Stubbe Type K210 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 2"/63mm to 5"/140mm - 10 bar; Sizes 6"/160mm to 8"/225mm - 6 bar
Fluid Temperature Range: 0°C - 120°C
Construction:
Body: PVDF
Seals: EPDM or FPM
Shaft: Stainless Steel 304
End Connections: Flange mounted (flanges not included)
Actuation:
Housing Material: Aluminium
Voltages: 230v AC
Frequency Range: 50/60 Hz
Protection: IP65
Manual Override: Included
Position Indicator: Included
Contacts: Open, closed plus two extra free contacts



230v AC FPM Seals			
	2"/63	1283129130	1792.84
	2 1/2"/75	1283139130	1831.54
	3"/90	1283149130	1916.08
	4"/110	1283159130	2333.13
	5"/140	1283169130	2811.79
	6"/160	1283179130	2947.94
	8"/225	1283189230	3496.82

ASV Stubbe Type K210 Pneumatically Actuated Butterfly Valve

Description: Wafer style butterfly valve with pneumatic actuator
Mounting: In any position, between flanges to BS4504 EN1072 PN10
Maximum Fluid Pressure at 20°C: Sizes 2"/63mm to 5"/140mm - 10 bar; Sizes 6"/160mm to 8"/225mm - 6 bar
Fluid Temperature Range: 0°C - 120°C
Construction:
Body: PVDF
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: Included
Position Indicator: Included
Contacts: Optional limit switch box with two mechanical switches
Pilot Valve: Solenoid, not included



Double Acting FPM Seals			
	2"/63	1283449580	1024.69
	2 1/2"/75	1283459580	1093.48
	3"/90	1283469580	1183.76
	4"/110	1283479580	1497.61
	5"/140	1283489580	2019.28
	6"/160	1283499580	2298.74
	8"/225	1283509580	2995.25

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-120°C
Construction:
Body: PVDF
Diaphragm: PTFE (EPDM backed)
End Connections: Fusion spigots, flanged to BS4504 EN1072 PN10
Actuation:
Housing Material: Glass reinforced Polypropylene
Air Actuators: Fail-safe close, fail-safe open
Protection: IP65
Manual Override: Optional
Position Indicator: Included
Contacts: Optional
Pilot Valve: Solenoid, not included



MM Fusion Spigots

Fail-safe close
PTFE Diaphragm

20	12.5742	318.89
25	12.5743	323.89
32	12.5744	424.19
40	12.5745	553.18
50	12.5746	644.20
63	12.5747	756.69

Flanged PN10/16

Fail-safe close
PTFE Diaphragm

20	12.5756	425.64
25	12.5757	431.36
32	12.5758	482.95
40	12.5759	600.48
50	12.5760	743.81
63	12.5761	902.88



Custom Actuation

We can provide standard actuation or design solutions for your control systems. Call Tony Welsh on:

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