

## 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

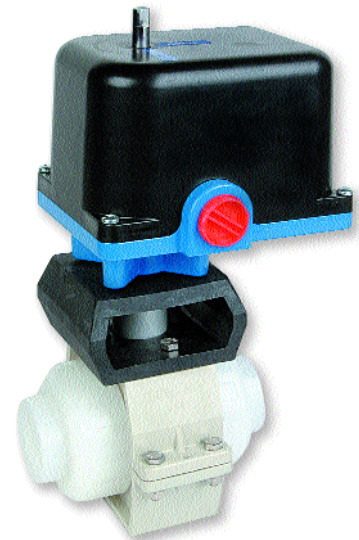
**Voltages:** 240v AC; 110v AC; 24v AC; 110v DC; 24v DC; 12v DC

**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	555.47
110v AC	20	12 1450 E2AG	556.93
FPM Seals	25	12 1448 E2AG	580.03
PTFE Seats	32	12 1451 E2AG	608.42
	40	12 1452 E2AG	650.21
	50	12 1453 E2AG	720.55
	63	12 1454 E2AG	810.78
	75	12 1455 E2AG	1239.39
	90	12 1456 E2AG	1425.18
	110	12 2032 E2AG	1775.49

### MM Fusion Spigots

	16	12 2259 E2AG	555.47
110v AC	20	12 1491 E2AG	556.93
FPM Seals	25	12 1492 E2AG	580.03
PTFE Seats	32	12 1493 E2AG	608.42
	40	12 1494 E2AG	650.21
	50	12 1495 E2AG	720.55
	63	12 1496 E2AG	810.78
	75	12 1497 E2AG	1239.39
	90	12 1498 E2AG	1425.18
	110	12 2012 E2AG	1775.49

Electric Actuated Valve Options		Pneumatic Actuated Valve Options	
<b>Switch Options</b>	Price	<b>Body Material Options</b>	Price
Open/Closed	included	Technopolymer	standard
Open/Closed plus 2 x extra volt free	88.20	Hard anodised aluminium	free option
<b>Actuator Options</b>		Stainless steel	on application
Reversible actuator with manual override	standard	Double pack epoxy coated	on application
Uni-directional actuator without manual override	on application	<b>Switchbox Options (with beacon)</b>	
Customer specification actuator	on application	IP65 Technopolymer 2 x mechanical switches	82.52
EEXD version actuator	on application	IP65 Technopolymer 2 x proximity switches EEXIA	322.78
<b>Power Options</b>		IP67 Polycarbonate 2 x V3 gold plated switches	111.64
110v AC	standard	IP67 Polycarbonate 2 x V3 gold plated switches EEXIA	174.73
240v AC	free option	IP67 Polycarbonate 2 x proximity switches EEXIA	279.09
24v DC	on application	IP67 Aluminium 2 x V3 gold plated switches EEXD	291.23
24v AC	on application	<b>Solenoid Valve Options</b>	
<b>Extra Options</b>		240v AC Solenoid	84.93
Heater and thermostat	on application	110v AC Solenoid	84.93
4 - 20Ma positioner	on application	24v DC Solenoid	84.93
Fail-Safe operation	on application	24v AC Solenoid	84.93

**PRAHER  
VALVES**

**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	311.30
FPM Seals	20	12.1450 P1A	312.76
PTFE Seats	25	12.1448 P1A	335.86
	32	12.1451 P1A	364.27
	40	12.1452 P1A	433.91
	50	12.1453 P1A	503.60
	63	12.1454 P1A	652.88
	75	12.1455 P1A	935.51
	90	12.1456 P1A	1184.99
	110	12.2033 P1A	1620.22

**MM Fusion Spigots**

Fail-safe close	16	12.2259 P1A	311.30
FPM Seals	20	12.1491 P1A	312.76
PTFE Seats	25	12.1492 P1A	335.86
	32	12.1493 P1A	364.27
	40	12.1494 P1A	433.91
	50	12.1495 P1A	503.60
	63	12.1496 P1A	652.88
	75	12.1497 P1A	935.51
	90	12.1498 P1A	1184.99
	110	12.2012 P1A	1620.22

**BSP Female Threaded**

Fail-safe close	3/8	12.2093 P1A	311.30
FPM Seals	1/2	12.1482 P1A	312.76
PTFE Seats	3/4	12.1483 P1A	335.86
	1	12.1484 P1A	364.27
	1 1/4	12.1485 P1A	433.91
	1 1/2	12.1486 P1A	503.60
	2	12.1487 P1A	652.88

**Flanged BS4504 PN10/16**

Fail-safe close	1/2	12.2025 P1A	382.57
FPM Seals	3/4	12.2026 P1A	446.53
PTFE Seats	1	12.2027 P1A	495.63
	1 1/4	12.2502 P1A	595.15
	1 1/2	12.2503 P1A	721.86
	2	12.2504 P1A	934.20
	2 1/2	12.2505 P1A	1401.28
	3	12.2506 P1A	1881.65

**MM Fusion Sockets**

Double Acting	16	12.1449 P3A	291.41
FPM Seals	20	12.1450 P3A	292.87
PTFE Seats	25	12.1448 P3A	315.96
	32	12.1451 P3A	344.35
	40	12.1452 P3A	386.16
	50	12.1453 P3A	455.83
	63	12.1454 P3A	567.95
	75	12.1455 P3A	847.94
	90	12.1456 P3A	1081.48
	110	12.2032 P3A	1457.02

**MM Fusion Spigots**

Double Acting	16	12.2259 P3A	291.41
FPM Seals	20	12.1491 P3A	292.40
PTFE Seats	25	12.1492 P3A	315.96
	32	12.1493 P3A	344.35
	40	12.1494 P3A	386.16
	50	12.1495 P3A	455.83
	63	12.1496 P3A	567.95
	75	12.1497 P3A	847.94
	90	12.1498 P3A	1081.48
	110	12.2012 P3A	1457.02

**BSP Female Threaded**

Double Acting	3/8	12.2093 P3A	291.41
FPM Seals	1/2	12.1482 P3A	292.87
PTFE Seats	3/4	12.1483 P3A	315.96
	1	12.1484 P3A	344.35
	1 1/4	12.1485 P3A	386.16
	1 1/2	12.1486 P3A	455.83
	2	12.1487 P3A	567.95

**Flanged BS4504 PN10/16**

Double Acting	1/2	12.2025 P3A	362.67
FPM Seals	3/4	12.2026 P3A	426.62
PTFE Seats	1	12.2027 P3A	475.73
	1 1/4	12.2502 P3A	547.39
	1 1/2	12.2503 P3A	674.10
	2	12.2504 P3A	849.25
	2 1/2	12.2505 P3A	1313.70
	3	12.2506 P3A	1778.14

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	1660.04
	2 1/2"/75	1283139130	1695.87
	3"/90	1283149130	1774.15
	4"/110	1283159130	2160.31
	5"/140	1283169130	2603.51
	6"/160	1283179130	2729.57
	8"/225	1283189230	3237.80

## 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

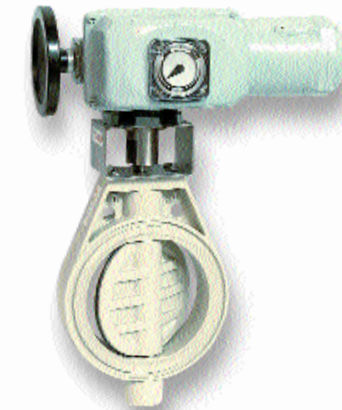
**Protection:** IP65

**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	948.79
	2 1/2"/75	1283459580	1012.48
	3"/90	1283469580	1096.07
	4"/110	1283479580	1386.68
	5"/140	1283489580	1869.70
	6"/160	1283499580	2128.46
	8"/225	1283509580	2773.38

## 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	295.27
25	12.5743	299.90
32	12.5744	392.77
40	12.5745	512.20
50	12.5746	596.48
63	12.5747	700.64

### Flanged PN10/16

Fail-safe close  
PTFE Diaphragm

20	12.5756	394.11
25	12.5757	399.41
32	12.5758	447.18
40	12.5759	556.00
50	12.5760	688.71
63	12.5761	836.00



### Custom Actuation

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

**0800 975 79 71**

