

Fluid Control Valves



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Pressure Regulating Valves

Pressure Regulating Valves

- Pressure regulating valves are used to regulate pressure & protect the system when the discharge is closed
- Multiple outlets: in applications where more than one outlet is required a constant system pressure is maintained
- System working pressure: is maintained regardless of what percentage of fluid is by-passed



10.3 to 17.2 Bar

Part No.	Bar
3300-0015	10.3
3300-0016	17.2

- Nylon body
- Nylon valve seat
- 3/4" M inlet
- 3/4" F by-pass
- Max temp 60°C
- Mount off-line on a tee



13.8 Bar

Part No.	Bar
3316-0002	13.8

- Cast Iron body
- S/Steel valve cone
- 1 1/4" M inlet
- 1 1/4" F by-pass
- Max temp 80°C
- Mount off-line on a tee



13.8 to 27.6 Bar

Part No.	Bar	Inlet	By-pass
3300-0002	13.8	1/2" M	1/2" F
3300-0001	27.6	3/4" M	3/4" F

- Bronze body
- S/Steel valve ball
- Max temp 80°C
- Mount off-line on a tee



130 Bar - 15 Lpm

Part No.
HXM

- Max press 130 Bar
- Max flow 15 Lpm
- Max temp 60°C
- 3/8" M inlet - 3/8" M outlet
- 3/8" M by-pass
- Misting specific unloader valve



35 to 140 Bar - 25 Lpm

Part No.	Bar	Lpm
ART 556-35	35	25
ART 556-70	70	25
ART 556-140	140	25

- Brass body - S/Steel internal parts
- Max temp 80°C
- Mounted in-line
- 3/8" F inlet - 3/8" F outlet
- 3/8" F by-pass



35 to 140 Bar - 35 Lpm

Part No.	Bar	Lpm
ART 555-35	35	35
ART 555-70	70	35
ART 555-140	140	35

- Brass body - S/Steel internal parts
- Max temp 80°C
- Mounted off-line on a tee
- 3/8" F inlet
- 3/8" F by-pass



150 to 220 Bar - 24 Lpm

Part No.	Bar	Lpm
60.0528.00	15-150	24
60.0525.00	22-220	24

- Brass body - S/Steel internal parts
- Max temp 90°C
- Mounted in-line
- 3/8" F inlet - 3/8" F outlet
- 3/8" F by-pass



150 to 220 Bar - 24 Lpm

Part No.	Bar	Lpm
60.0540.00	15-150	24
60.0515.00	22-220	24

- Brass body - S/Steel internal parts
- Max temp 90°C
- Mounted off-line on a tee
- 3/8" F inlet
- 3/8" F by-pass



360 Bar - 25 Lpm

Part No.	Bar	Lpm
0215010420	36-360	25

- Brass body
- S/Steel internal parts
- Max temp 90°C
- Mounted in-line
- 3/8" F inlet - 3/8" F outlet
- 3/8" F by-pass



180 Bar - 200 Lpm

Part No.	Bar	Lpm
60.5100.15	18-180	200

- Brass body
- S/Steel internal parts
- Max temp 90°C
- Mounted off-line on a tee
- 3/4" F inlet
- 1/2" F by-pass

Pressure Regulating Valves

60 Bar - 200 Lpm

Part No.	Bar	Lpm
TIMAX	60	200

- Brass body
- S/Steel internal parts
- Max temp 60°C
- 3/4" F inlet - 3 x 1/2" F outlet
- 1" F by-pass
- Manual by-pass handle



250 Bar - 60 Lpm

Part No.	Bar	Lpm
SX1	250	60

- AISI 316L S/Steel body
- S/Steel internal parts
- Max temp 85°C
- Mounted off-line on a tee
- 1/2" F inlet
- 1/2" F by-pass



210 Bar - 230 Lpm

Part No.	Bar	Lpm
R2L	210	230

- Brass body
- S/Steel valve & seat
- Max temp 85°C
- 1" F inlet - 3/4" F outlet
- 1 1/4" F by-pass
- Manual by-pass handle



210 Bar - 230 Lpm

Part No.	Bar	Lpm
R2	210	230

- Brass body
- S/Steel valve & seat
- Max temp 85°C
- 1" F inlet - 3/4" F outlet
- 1 1/4" F by-pass



280 to 400 Bar - 80 Lpm

Part No.	Bar	Lpm
60.0590.60	28-280	80
60.0550.00	40-400	80

- Max temp 90°C
- 1/2" F inlet - 1/2" F outlet
- 1/2" F by-pass



300 to 450 Bar - 200 to 500 Lpm

Part No.	Bar	Lpm
RV3/300	300	500
RV3/450	450	200

- Cast iron body
- S/Steel valve & seat
- Max temp 60°C
- 1 1/4" F inlet
- 1 1/4" F by-pass



200 to 600 Bar - 70 to 110 Lpm

Part No.	Bar	Lpm
R1/200	200	110
R1/400	400	110
R1/600	600	70

- Brass body
- S/Steel valve & seat
- Max temp 85°C
- 3/4" F inlet
- 3/4" F by-pass



200 to 600 Bar - 70 to 110 Lpm

Part No.	Bar	Lpm
R1X/200	200	110
R1X/400	400	110
R1X/600	600	70

- S/Steel body
- S/Steel valve & seat
- Max temp 85°C
- 3/4" F inlet
- 3/4" F by-pass



800 to 1500 Bar - 30 to 120 Lpm

Part No.	Bar	Lpm	In	Out	Bypass
RV14/800	800	120	14mm	1/2" F	1" M
RV14/1200	1200	30	8mm	1/2" F	3/4" M
RV14/1500	1500	80	14mm	1/2" F	3/4" M

- Brass upper body - S/Steel lower body
- S/Steel valve seat
- Max temp 30°C



300 Bar - 500 Lpm

Part No.	Bar	Lpm
RX3	300	500

- S/Steel body
- S/Steel valve & seat
- Max temp 60°C
- 1 1/4" F inlet
- 1 1/4" F by-pass



Pneumatic & Safety Relief Valves

Pneumatic Valves

- Pneumatic valves: operate as standard unloader, regulator & distributor valves, with remote air powered actuation



Pneumatic Regulator - 210 Bar

Part No.	Bar	Lpm	Air Press
PNR2	210	230	8 Bar

- Brass body
- S/Steel valve & seat
- Max temp 85°C
- 1" F inlet - 3/4" F outlet
- 1 1/4" F by-pass
- Air ports 1/4" F

Pneumatic Regulator - 160 to 300 Bar



Part No.	Bar	Lpm	Air Press
PN3/160	160	500	7 Bar
PN3/240	240	420	7 Bar
PN3/300	300	300	7 Bar

- Aluminium & cast iron body
- S/Steel valve & seat
- Max temp 60°C
- 1 1/2" F inlet - 1 1/2" F outlet
- 1 1/2" F by-pass
- Air ports 1/4" F



Pneumatic Unloader - 210 Bar

Part No.	Bar	Lpm	Air Press
PNRA2	210	20-230	8 Bar

- Brass body
- S/Steel valve & seat
- Max temp 85°C
- 1" F inlet - 3/4" F outlet
- 1 1/4" F by-pass
- Air ports 1/4" F

Pneumatic Unloader - 140 to 500 Bar



Part No.	Bar	Lpm	Air Press
PN2/140	140	230	7 Bar
PN2/250	250	230	6.3 Bar
PN2/500	500	230	7.5 Bar

- Aluminium upper valve body
- S/steel lower body
- Max temp 60°C
- 1" F inlet - 1" F outlet - 1" F by-pass
- Air ports 1/4" F



Pneumatic Distributor 1500 Bar

Part No.	Bar	Lpm	Air Press
PN12	1500	80	8 Bar

- Brass body
- S/Steel valve & seat
- Max temp 60°C
- 3/8" F inlet - 3/8" F outlet
- 3/8" F by-pass
- Air ports 1/4" F



Pneumatic Regulator - 800 to 1500 Bar

Part No.	Bar	Lpm	Air Press
PNRV14-800	800	120	4.8 Bar
PNRV14-1500	1500	80	6.5 Bar

- Aluminium upper valve body
- AISI 420 S/steel lower body
- Max temp 30°C
- 14mm inlet - 1/2" BSPF outlet
- 3/4" F (VF) 1" F (SH-SK-VS) by-pass
- Air ports 1/4" F



Foot Operated Distributor Valve

Part No.
VP12

- Max press 1500 Bar
- Max flow 80 Lpm
- 3 x 3/8" F threaded ports

Safety Relief Valves

- Safety relief valves: are designed to protect a pump or system when its maximum pressure has been exceeded
- Important: safety relief valves must never be used in place of pressure regulator or unloader valves



Safety Relief Valve - 30 to 140 Bar

Part No.	Bar	Lpm
60.0560.30	5-30	14
60.0560.00	14-140	14

- Brass body
- S/Steel valve & seat
- Max temp 90°C
- 1/4" M inlet
- 1/8" BSPF & 13mm barb bypass
- Not preset



Safety Relief Valve - 200 Bar

Part No.	Bar	Lpm
SR	30-200	6-41

- Brass body
- S/Steel valve & seat
- Max temp 75°C
- 3/8" M inlet - 1/4" F outlet
- Not preset

Safety Relief Valves

Mini Relief Valve - 165 to 220 Bar

Part No.	Bar	Lpm
60.0555.15	165	8-12
60.0555.16	165	12-16
60.0555.22	220	12-16

- Brass body
- S/Steel sealing ball
- Max temp 108°C
- 1/4" BSPM inlet - 16mm Ø hose barb discharge
- Factory set



Safety Relief Valve - 280 Bar

Part No.	Bar	Lpm
S284	50-280	7-41

- Brass body
- S/Steel spring
- Max temp 85°C
- 3/8" M inlet
- 10mm hose barb
- 7 Lpm minimum flow
- Not preset



SV3 Series - 170 to 300 Bar

Part No.	Bar	Lpm
SV3/170	60-170	80-500
SV3/200	60-200	80-500
SV3/300	60-300	80-500

- Brass body
- S/Steel valve & seat
- Max temp 60°C
- 3/4" M inlet
- Factory set & sealed



SX Series - 200 to 600 Bar

Part No.	Bar	Lpm	Inlet
SX2/200	60-200	15-190	1/2" BSPM
SX2/600	60-600	15-190	1/2" BSPM
SX3/300	60-300	80-500	3/4" BSPM

- S/Steel body
- S/Steel valve & seat
- Max temp 60°C
- Factory set & sealed



Safety Relief Valve - 100 to 600 Bar

Part No.	Bar	Lpm
SV2/100	60-100	15-190
SV2/136	60-136	15-190
SV2/200	60-200	15-190
SV2/300	60-300	15-190
SV2/400	60-400	15-190
SV2/500	60-500	15-190
SV2/600	60-600	15-190

- Brass body
- S/Steel valve & seat
- Max temp 60°C
- 1/2" M inlet
- Factory set & sealed



Safety Relief Valve - 700 Bar

Part No.	Bar	Lpm
S3	60-700	10-100

- Brass body
- S/Steel valve & seat
- Max temp 60°C
- 1/2" M inlet
- Not preset



Safety Relief Valve - 1800 Bar

Part No.	Bar	Lpm
S1503	700-1800	10-30

- Brass body
- S/Steel valve & seat
- Max temp 30°C
- 1/2" M inlet
- 14mm hose barb outlet
- Factory set to order



Safety Relief Valve - 1800 Bar

Part No.	Bar	Lpm
S1510	480-1800	20-100

- Brass body
- S/Steel valve & seat
- Max temp 30°C
- 1/2" M inlet
- 25mm hose barb outlet
- Factory set to order



Safety Relief Valve - 1800 Bar

Part No.	Bar	Lpm
SV12	640-1800	12-100

- S/Steel body
- S/Steel valve & seat
- Max temp 30°C
- 1/2" M inlet
- Factory set to order



Metering Valves



Metering Valve

Part No.

29.0954.00

- Max press 28 Bar
- Max flow 10 Lpm
- Max temp 40°C
- Panel mounting
- 7mm hose barb
- Brass construction
- Teflon seals



Metering Valve

Part No.

29.0945.00

- Max press 28 Bar
- Max flow 10 Lpm
- Max temp 40°C
- Panel mounting
- 7mm hose barb
- Brass construction
- Teflon seals



Metering Valve

Part No.

SPL 5324

- Manufactured in S/Steel
- 6mm hose barbs



Twin Inlet Metering Valve

Part No.

29.0900.00

- Max press 0.5 Bar
- Max flow 1 Lpm
- Max temp 60°C
- 7mm hose barb



Metering Valve

Part No.

29.0980.00

- Max press 28 Bar
- Max flow 10 Lpm
- Max temp 40°C
- Panel mounting
- 7mm hose barb
- Brass construction
- Viton seals

Metering is proportional to knob rotation and position



Metering Valve High Temp & Pressure

Part No.

29.0920.12

- Max press 250 Bar
- Max flow 8 Lpm
- 1.2mm nozzle
- Max temp 80°C
- Panel mounting unit
- 1/4" M threaded ports

Metering is proportional to knob rotation and position