

Fluid Control Valves



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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

140 to 220 Bar - 24 Lpm



Part No.	Bar	Lpm
ART 556	140	25
ART 60052500	220	24

- Brass body - S/Steel internal parts
- Max temp 90°C (ART 556 80°C)
- Mounted in-line
- 3/8" F in 3/8" F out
- 3/8" F by-pass

140 to 220 Bar - 24 to 35 Lpm



Part No.	Bar	Lpm
ART 555	140	35
ART 60054000	170	24
ART 60051500	220	24

- Brass body - S/Steel internal parts
- Max temp 90°C (ART 555 80°C)
- Mounted off-line on a tee
- 3/8" F in
- 3/8" F by-pass

60 Bar - 200 Lpm



Part No.	Bar	Lpm
TIMAX	60	200

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

180 Bar - 200 Lpm



Part No.	Bar	Lpm
ART 605100	180	200

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

300 Bar - 450 Lpm



Part No.	Bar	Lpm
RV3	300	450

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

200 Bar - 180 Lpm



Part No.	Bar	Lpm
RV2	200	180

- Brass body
- S/Steel valve & seat
- Max temp 60°C
- 1" F in 3/4" F out
- 1 1/4" F by-pass

280 to 400 Bar - 80 Lpm



Part No.	Bar
ART 60059060	280
ART 60055000	400

- Max flow 80 Lpm
- Max temp 90°C
- 1/2" F in 1/2" F out
- 1/2" F by-pass



200 Bar - 180 Lpm



Part No.	Bar	Lpm
NL2	200	180

- Brass body
- S/Steel valve & seat
- Max temp 60°C
- 1" F in 3/4" F out
- 1 1/4" F by-pass
- Manual by-pass handle

Pressure Regulating Valves

40 to 500 Bar - 80 to 120 Lpm

Part No.	Bar	Lpm
RV1/40	40	120
RV1/100	100	120
RV1/200	200	120
RV1/300	300	80
RV1/400	400	80
RV1/500	500	80

- Brass body
- S/Steel valve & seat
- Max temp 60°C
- 2 x 3/4" F ports



40 to 500 Bar - 80 to 120 Lpm



Part No.	Bar	Lpm
RX1/40	40	120
RX1/100	100	120
RX1/200	200	120
RX1/300	300	80
RX1/400	400	80
RX1/500	500	80

- Brass & S/Steel body
- S/Steel valve & seat
- Max temp 60°C
- 2 x 3/4" F ports



15 Bar

Part No.	Bar
3316-0002	15

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



10 to 17 Bar

Part No.	Bar
3300-0015	10
3300-0016	17

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



15 Bar

Part No.	Bar
3300-0002	15

- Bronze body
- S/Steel valve ball
- 1/2" M in
- 1/2" F by-pass
- Max temp 80°C
- Mount off-line on a tee



30 Bar

Part No.	Bar
3300-0001	30

- Bronze body
- S/Steel valve ball
- 3/4" M in
- 3/4" F by-pass
- Max temp 80°C
- Mount off-line on a tee



Pneumatic & Safety Relief Valves

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

Incorrect installation or valve selection can result in valve or pump failure, if unsure call for technical assistance

Pneumatic Regulator - 200 Bar



Part No.	Bar	Lpm
PN/RV2	200	180

- Brass body
- S/Steel valve & seat
- Max temp 60°C
- Max air press 8 Bar
- 1" F in 3/4" F out
- 1 1/4" M by-pass
- Air ports 1/4" F

Pneumatic Regulator - 160 to 300 Bar



Part No.	Bar	Lpm
PN3/160	160	450
PN3/240	240	300
PN3/300	300	200

- Aluminium & cast iron body
- S/Steel valve & seat
- Max temp 60°C
- Max air press 6 Bar
- 1 1/2" F in 1 1/2" F out
- 1 1/2" F by-pass
- Air ports 1/4" F

Pneumatic Unloader - 200 Bar



Part No.	Bar	Lpm
PN/VU2	200	180

- Brass body
- S/Steel valve & seat
- Max temp 60°C
- Max air press 8 Bar
- 1" F in 3/4" F out
- 1 1/2" M by-pass
- Air ports 1/4" F

Pneumatic Distributor 1200 Bar



Part No.	Bar	Lpm
PN12	1200	80

- Brass body
- S/Steel valve & seat
- Max temp 60°C
- Max air press 8 Bar
- 3/8" F in 3/8" F out
- 3/8" F by-pass
- Air ports 1/4" F

Safety Relief Valve - 200 Bar



Part No.	Bar	Lpm
SR	200	41

- Brass body
- S/Steel valve & seat
- Max temp 75°C
- 3/8" M in 1/4" F out

Safety Relief Valve - 700 Bar



Part No.	Bar	Lpm
S3	700	100

- Brass body
- S/Steel valve & seat
- Max temp 75°C
- 1/2" M inlet

Safety Relief Valve - 100 to 500 Bar



Part No.	Bar	Lpm
SV2/100	100	180
SV2/200	200	180
SV2/300	300	180
SV2/400	400	180
SV2/500	500	180

- Brass body
- S/Steel valve & seat
- Max temp 75°C
- 1/2" M inlet

Safety Relief Valve - 1400 Bar



Part No.	Bar	Lpm
SV12	1400	80

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



Metering Valve

Part No.

ART 290954

- Max press 30 Bar
- Max flow 10 Lpm
- Max temp 40°C
- Panel mounting
- 8mm hose barb
- Brass construction
- Viton seals



Metering Valve

Part No.

ART 290945

- Max press 30 Bar
- Max flow 10 Lpm
- Max temp 40°C
- Panel mounting
- 8mm hose barb
- Brass construction
- Viton seals



Metering Valve

Part No.

SPL 5418

- Manufactured in brass
- 6mm hose barbs



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
- 8mm hose barb



Metering is proportional to knob rotation and position

Metering Valve

Part No.

29.0980.00

- Max press 30 Bar
- Max flow 10 Lpm
- Max temp 40°C
- 8mm hose barb
- Panel mounting



Metering is proportional to knob rotation and position

Metering Valve - High Temp & Pressure

Part No.

ART 29092012

- Max press 250 Bar
- Max flow 13 Lpm
- Max temp 80°C
- Panel mounting unit
- 1/4" M threaded ports

