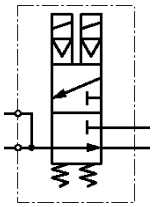
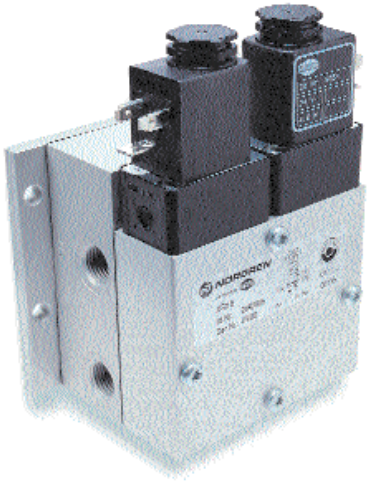
XSz Safety valves

Fail-safe double valves

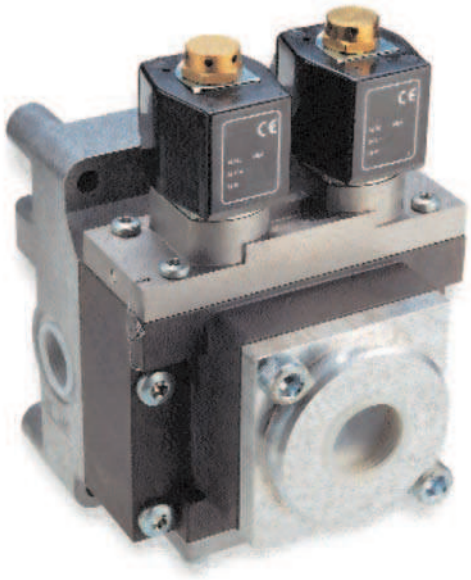
3/2, G¼ to G2



- Inherently fail-safe without residual pressure
- Dynamic self monitoring
- Double valve control system
- For use with pneumatic clutch and brake systems and other 3-way safety functions
- Poppet design with feedback signal ports
- Fast exhaust capability
- Conforms to EN 692, BG, OSHA, SUWA and other approvals
- Improves safety and reduces downtime on mechanical power press applications
- Quick and easy adjustment of 'overlap' on mechanical presses
- No additional electrical monitoring required
- Easily fitted into existing systems



XSz 8



XSz 20

Type	Voltage	Port size P	A	A1	R	Model G-thread
XSz 8*	d.c/a.c.	1/4"	1/4"	–	1/4"	24928063052*****
XSz 10**	a.c.	1/2"	1/2"	(1/2")	3/4"	24929000200*****
XSz 10**	d.c.	1/2"	1/2"	(1/2")	3/4"	24929010200*****
XSz 20**	d.c/a.c.	1/2"	3/4"	(1")	1"	24930000800*****
XSz 20**	d.c/a.c.	3/4"	3/4"	(1")	1"	24930400800*****
XSz 20**	d.c/a.c.	3/4"	(3/4")	1"	1"	24930420800*****
XSz 32	d.c./a.c.	1"	1"	–	1½"	24931300800*****
XSz 32	d.c./a.c.	1"	1"	1½"	1½"	24931340800*****
XSz 50	d.c./a.c.	1½"	2"	–	2"	24932300800*****

***** Insert voltage codes from table below.

Port sizes in brackets are plugged.

Supplied without plug. If required, select model 0570275, see page 384

* Silencer enclosed ** Valve with integrated silencer available

Voltage codes

Voltage	Code
24 V d.c.	02400
24 V a.c.	02450
110 V a.c.	11050
230 V a.c.	23050

Technical data

Medium:

Compressed air, filtered, lubricated and non-lubricated

Operating pressure:

Size 8: 3 to 10 bar

Size 10: 2 to 10 bar

Size 20/32/50: 2 to 8 bar

Ambient temperature:

-10°C to +60°C

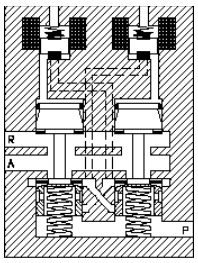
Consult our Technical Service for use below +2°C.

Materials

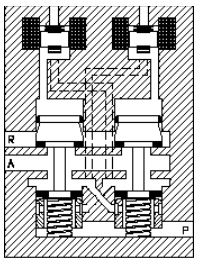
Body: aluminium

Seals: polyurethane and NBR

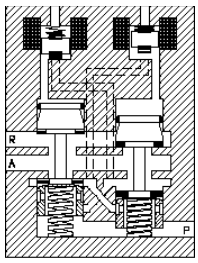
For full details of our press ancilliary equipment please contact our Technical Service.



Neutral position



Activator position



Malfunction position

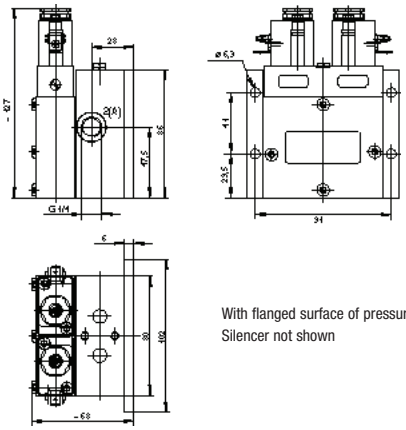
P = Air pressure port. A = Power port (clutch / brake). R = Exhaust

XSz Safety valves

Fail-safe double valves

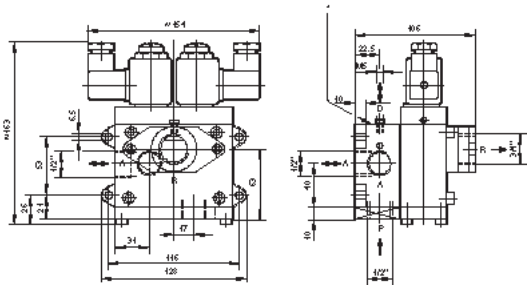
3/2, G¼ to G2

XSz 8



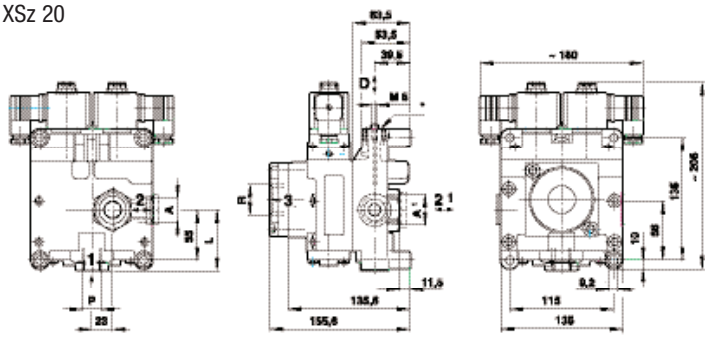
With flanged surface of pressure switch and failure indication element.
Silencer not shown

XSz 10



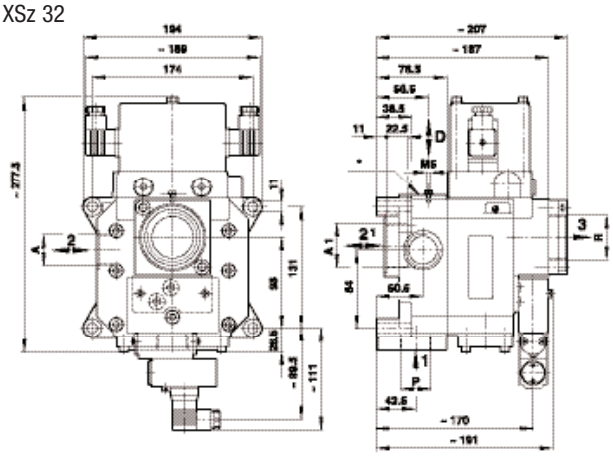
*Flanged surface of pressure switch and failure indication element.
Silencer not shown

XSz 20



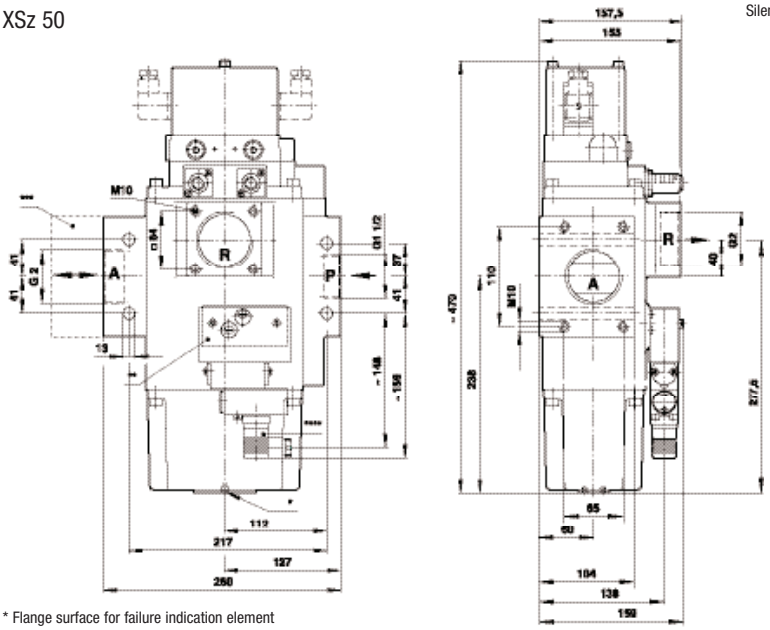
* Flange surface for failure indication element and flange surface for pressure balance.
Silencer not shown

XSz 32



* Flange surface for failure indication element and flange surface for pressure balance.
Silencer not shown

XSz 50



* Flange surface for failure indication element
** Flange surface for pressure balance
*** Flange surface for 18D pressure switch. Adapter flange, type 0545005
**** Piston manometer