

G1/8 - 4/3 Way Flat Slide Valves
Series DRS

Actuation System:

- Rotary lever
- Rotary switch



Operating information

System	Flat slide valve without automatic return to neutral position		
Mounting	2 Screws M4		
Tube connection	Thread		
Port size	Port P, A, B: G1/8 Port R: M5		
Weight (mass)	0.500 kg		
Installation	In any position		
Ambient temperature range	-10 °C to +55 °C	Note: Please consult us for operating temperatures below 0° C	
Medium temperature range	-10 °C to +60 °C		
Medium	Filtered compressed air		
Lubrication	Oil mist lubrication compatible with Buna N		

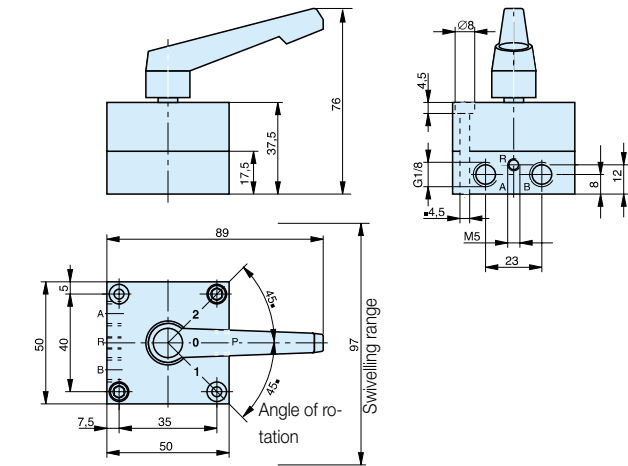
Pneumatic Characteristics

Nominal pressure	6 bar
Operating pressure range	0 – 10 bar
Nominal flow	350 l/min

Actuation

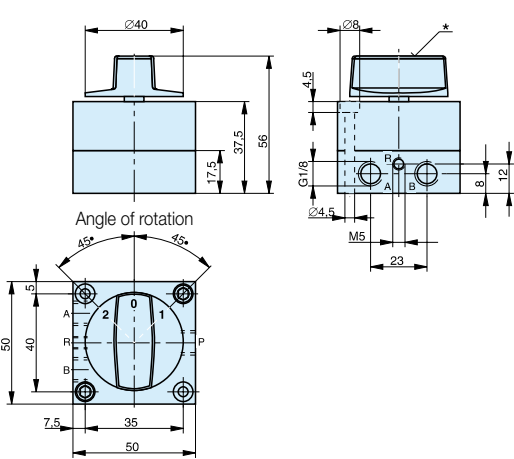
Manual control	Direct
Actuation force	ca. 6 N

Rotary Lever – Type: DRS 412 .-1/8



Port identification:
A = 4 Outlet
B = 2 Outlet
R = 5 Exhaust
P = 1 Pressure supply

Rotary Switch – Type: DRS 417 .-1/8



* After removing the cover and loosening the mounting screws, the rotary switch is infinitely variable.

Order Instructions – 4/3 Way Flat Slide Valves, Series DRS

Order Instructions		Order Instructions	
Actuation	Symbol	Type	Order code
Rotary lever Middle position pressurized		DRS 412 B-1/8	PA 10267
Rotary lever Middle position vented		DRS 412 E-1/8	PA 10266
Rotary lever Middle position closed		DRS 412G-1/8	PA 10268
Rotary switch Middle position pressurized		DRS 417 B-1/8	PA 10264
Rotary switch Middle position vented		DRS 417 E-1/8	PA 10263
Rotary switch Middle position closed		DRS 417 G-1/8	PA 10265

G1/4 - 3/2 and 5/2 Way Valves
Pedal Actuated - Series F

Actuation System:

- Pedal

Connections for
3/2 way version:

Version

„Normally closed“: P, B, S

„Normally open“: P, A, R

* Only for version “both switch positions indexed”
– return is only effected after actuating the locking pedal.

Mounting Instruction:

Use only screw connections with max. wrench size
across flats of 15.

Connection designation:

- A = 4 Outlet
B = 2 Outlet
R = 5 Exhaust
P = 1 Air supply
S = 3 Exhaust



Operating information

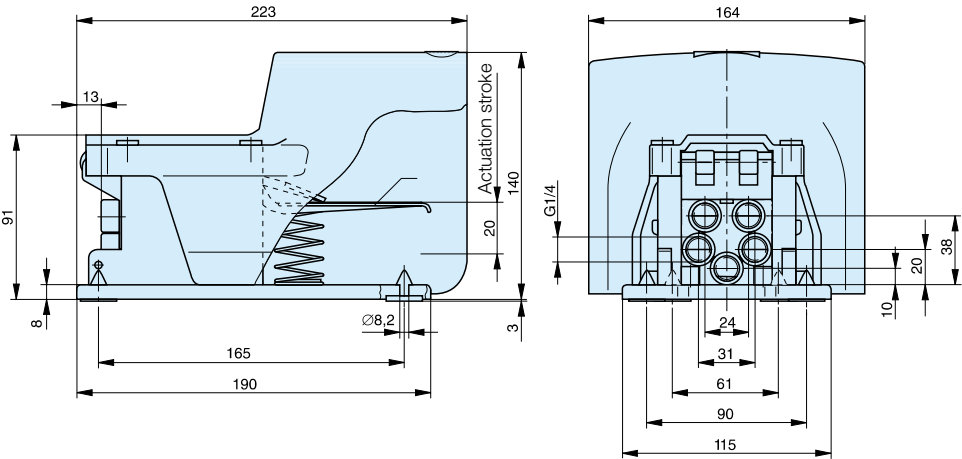
Type	Poppet Valve
Mounting	4 Screws M8 ⁽¹⁾
Tube connection	Thread
Port size	G1/4
Weight (mass)	1.5 kg
Installation	In any position
Ambient temperature range ⁽³⁾	-10 °C to +55 °C
Medium temperature range ⁽³⁾	-10 °C to +60 °C
Medium	Filtered and oiled or filtered, unoiled compressed air
Lubrication ⁽²⁾	Oil mist lubrication compatible with Buna N

Pneumatic Characteristics

Nominal pressure	6 bar
Operating pressure range	0 – 10 bar
Nominal flow	1400 l/min
Actuation	
Manual control	Direct
Stroke	2 mm
Actuation force	ca. 30 N

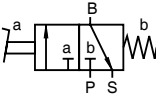
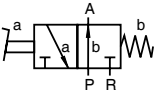
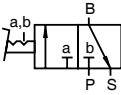
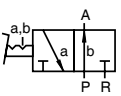
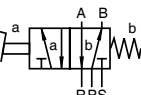
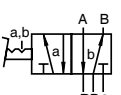
⁽¹⁾ After removing the rubber footing
⁽²⁾ We recommend the use of mineral oil type VG 32 to ISO 3448
⁽³⁾ Note: Please consult us for operating temperatures below 0° C

Pedal actuated – Type: F331..-08.., F531..-08



Dimensions in mm

Order Instructions – 3/2 and 5/2 Way Valves

Actuation	Symbol	Order Instructions	
		Type	Order code
Pedal with spring return		F 331RF-08NG*	KZ 4410
		F 331RF-08NO*	KZ 4411
Pedal without reset		F 331-08NG*	KZ 4408
		F 331-08NO*	KZ 4409
Pedal with spring return		F 531RF-08	KZ 4413
Pedal both switch positions indexed		F 531-08	KZ 4412

* NC – Version normally closed
NO – Version normally open