

5/2 Directional Control Valves



Nominal size 6

Solenoid pilot operated soft seal spool valve

Port sizes G 1/4

Operating pressure 1.5 to 16 bar

Catalog Register

P 11

Publication 7501055.06.03.84

**OBSOLETE
DOCUMENT**

Technical
Reference
Only

Description

Solenoid valve for filtered and lubricated¹⁾ air

Flow direction: Fixed

Temperature range: -10 to +60 °C

Features

- Flange design to DIN 24341, Form AZ
- Standard manual override
- Pressure range up to 16 bar
- Compact design



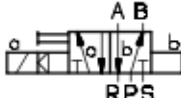
Cat. No.
2631416.0201



Cat. No.
2632314.0201

Parameters

Nominal size	Port size	Operating pressure [bar]		k _v -value (C _v (US) = k _v x 1.2)	Switching time [ms]	Weight [kg]	Sectional drawing No.	Dimensional drawing No.	Cat. No. Valve with subplate	Cat. No. Valve without subplate	Weight [kg]	Dimensional drawing No.
		min.	max.									



6	—	1.5	16	0.8	20	—	01	—	—	2631415.0201²⁾	1.3	01
6	G 1/4	1.5	16	0.95	20	0.8	01	02	2632314.0201	2631416.0201	0.6	01
6	G 1/4	1.5	16	0.8	20	0.65	02	04	2633110.0201	2633005.0201	0.45	03

¹⁾ Spindle oil: Max. 9.5 mm²/s, filtration ≤ 10 µm

²⁾ Body: Brass

Solenoids

Standard voltages 24 VDC, 230 VAC

Other voltages available on request

Design to VDE 0580

100% duty cycle

For detailed technical data see Publication 7500775, Reg. 17 of our pneumatic catalog.

Current draw:

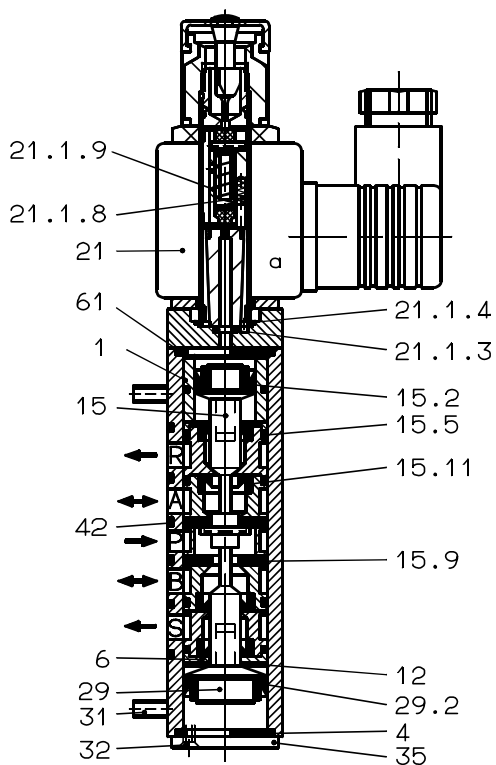
Solenoid	DC	Solenoid AC	
		Inrush	Holding
0201	12 W	22 VA	15 VA

Degree of protection to DIN 40050: IP 65

Connector to DIN 43650

Sectional drawings

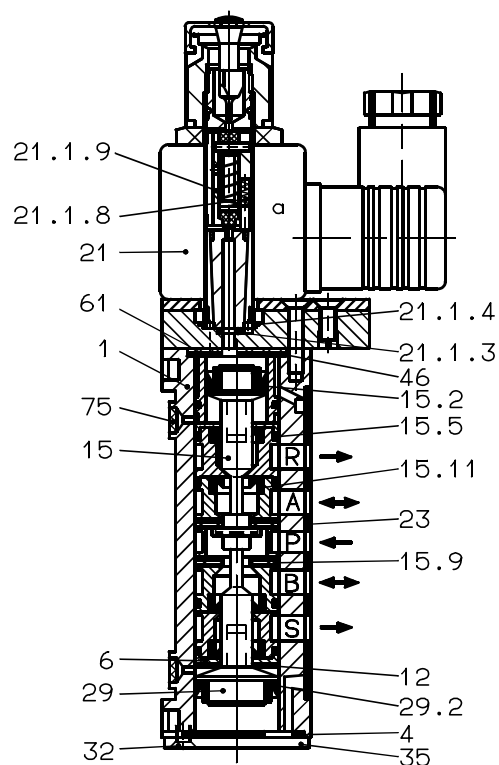
01



- 1 Body
- 4 Gasket
- 6 Disc
- 12 Snap ring
- 15 Valve insert, complete
- 15.2 Lip ring
- 15.5 O-ring
- 15.9 Gasket
- 15.11 Lip ring
- 21 3/2 directional control valve
- 21.1.3 O-ring
- 21.1.4 O-ring
- 21.1.8 Spring assly.
- 21.1.9 Plunger
- 29 Piston assly.
- 29.2 Lip ring
- 31 Screw
- 32 Screw
- 35 Plate
- 42 Gasket
- 61 Cup spring

Spare part kit
Cat. No. **0565513**

02

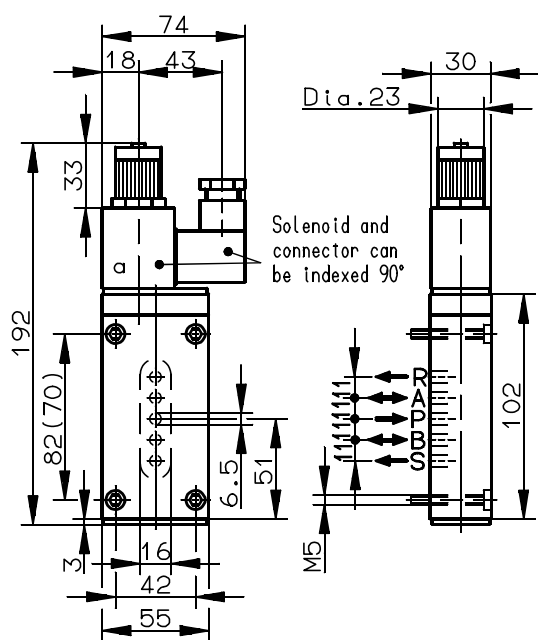


- 1 Body
- 4 Gasket
- 6 Disc
- 12 Snap ring
- 15 Valve insert, complete
- 15.2 Lip ring
- 15.5 O-ring
- 15.9 Gasket
- 15.11 Lip ring
- 21 3/2 directional control valve
- 21.1.3 O-ring
- 21.1.4 O-ring
- 21.1.8 Spring assly.
- 21.1.9 Plunger
- 23 Gasket
- 29 Piston assly.
- 29.2 Lip ring
- 32 Screw
- 35 Plate
- 46 Gasket
- 61 Cup spring
- 75 Disc

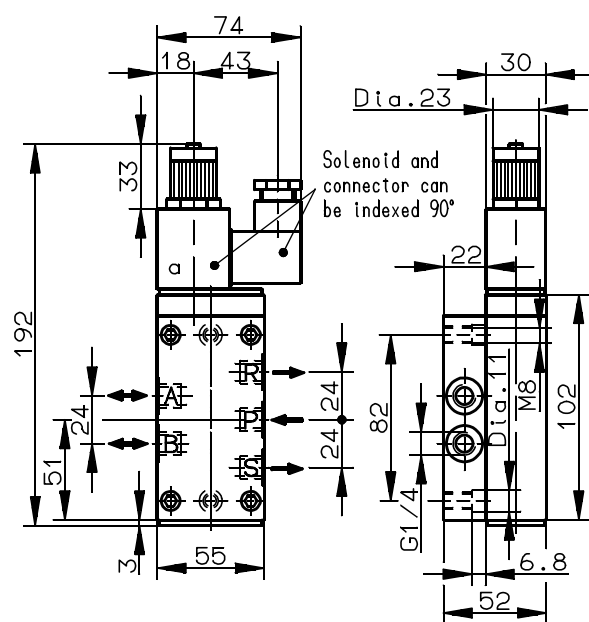
Spare part kit
Cat. No. **0565514**

Dimensional drawings [mm]

01

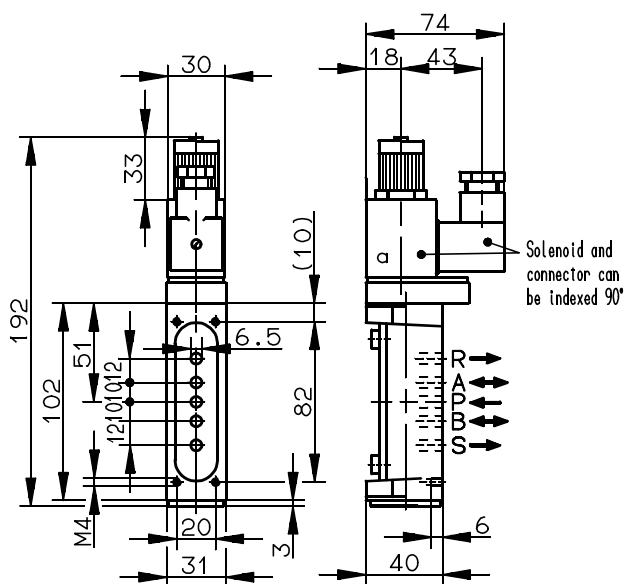


02

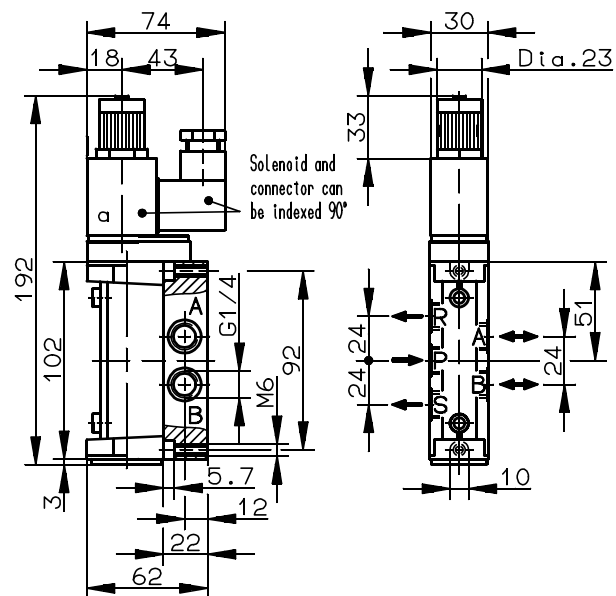


Dimension in () for Cat. No. 2631415.0201

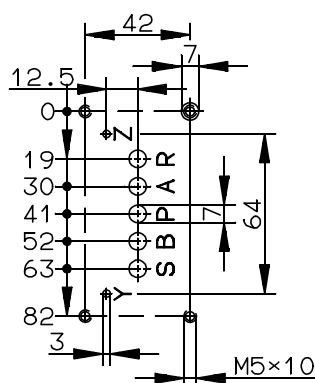
03



04

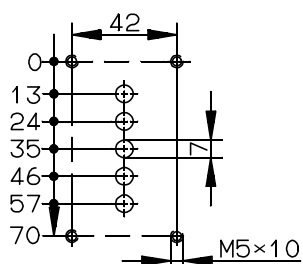


Interface to DIN 24341



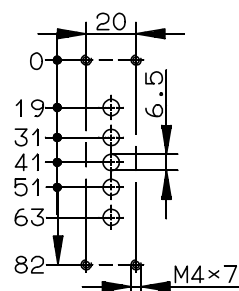
Form AZ

For valve Cat. No.
2631416.0201



Form HERION

For valve Cat. No.
2631415.0201



Form HERION

For valve Cat. No.
2633005.0201

Additional elements – Manual overrides

Cat. No.	0565847	0565849	0565916	0565851	0565855
Manual override without detent shown left. Detent version after removal of cap shown right. Manual override without detent Manual override without detent (push-button concealed) Mock-up Disc for manual override for valves equipped with solenoids 02XX and 07XX					