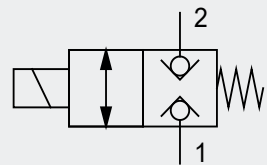


2/2-way poppet valve SMSVP



Directly operated, electrically actuated
 Max. operating pressure 350 bar
 Max. flow rate up to 2 l/min
 for pilot functions



080110_SMSVP
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Table of contents

Contents	Page
Characteristics	1
Technical data	2
Dimensions	3
Type code	4
Miscellaneous	4

Characteristics

- Tight fitting directional valve in spool design
- Suitable for pilot functions
- Compact dimensions (magnet edge length 25 mm)
- Maintenance-free

Technical data

Hydraulic characteristics

Max operating pressure:	350 bar
Rated flow rate:	2 l/min
Flow direction:	from A to B, from B to A
Operating fluids:	Mineral oils according to DIN 51524, others on request
Viscosity range:	3 - 400 cSt
Filtration:	Oil purity according to ISO 4406 (1999) 18/16/13, filter with β 5(c) > 200

Mechanical characteristics

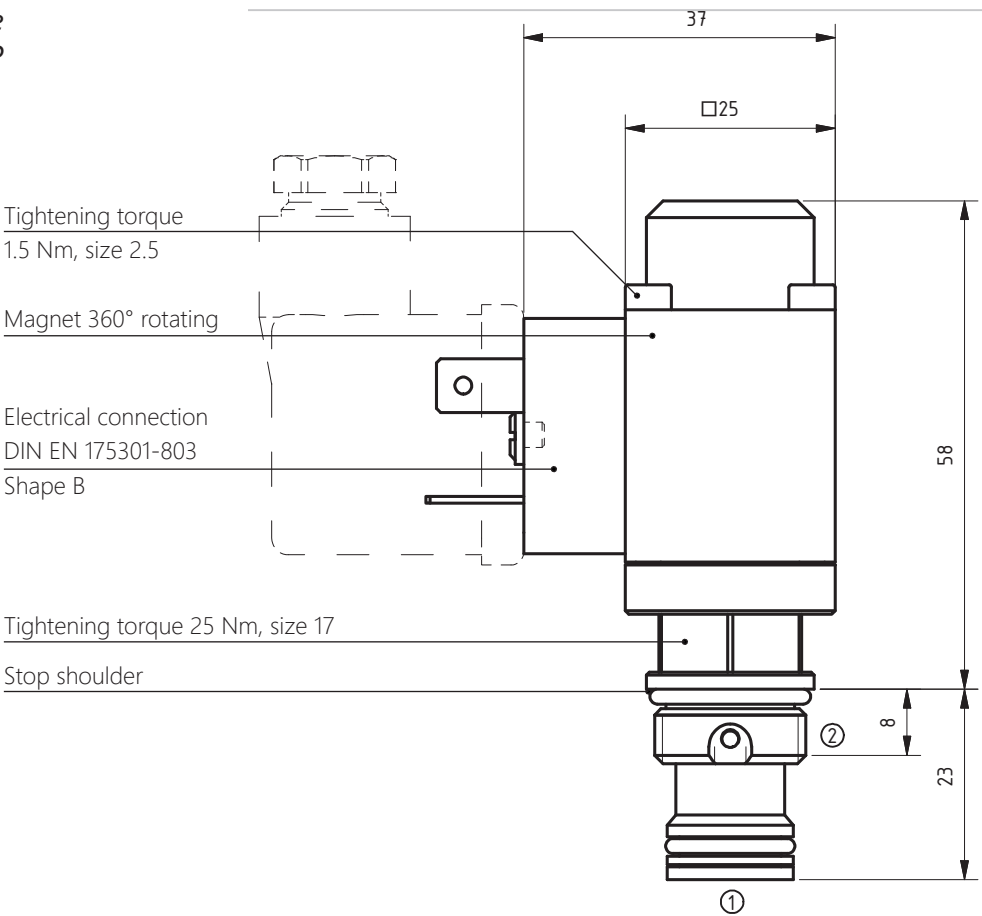
Design:	Screw-in valve
Size:	03
Fluid temperature:	-10 °C to +80 °C
Ambient temperature:	-20 °C to +50 °C
Storage temperature:	-30 °C to +60 °C (non-condensing)
Installation position:	Any
Weight:	1.20 kg
Materials:	Valve parts: Steel Seals: NBR, optional Viton
Surface protection:	Exterior parts: burnished Solenoid: galvanized

Electrical characteristics

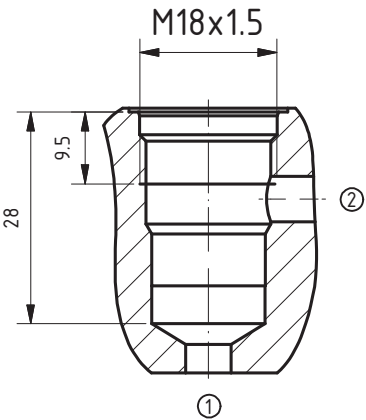
Rated voltage:	24 V DC
Rated solenoid current:	0.7 A
Rated resistance (R20):	24 Ω
Max. power consumption:	24 W
Power-on time:	100% PO
Protection class:	IP65 with a correctly installed wiring box
Electrical connection:	Device plug in accordance with DIN EN 175301-803 (formerly DIN 43650) shape B, unterminated wire
Control units:	See section 6, "Electronics and Sensors" at www.weber-hydraulik.com

Dimensions

Screw-in valve SMSVP



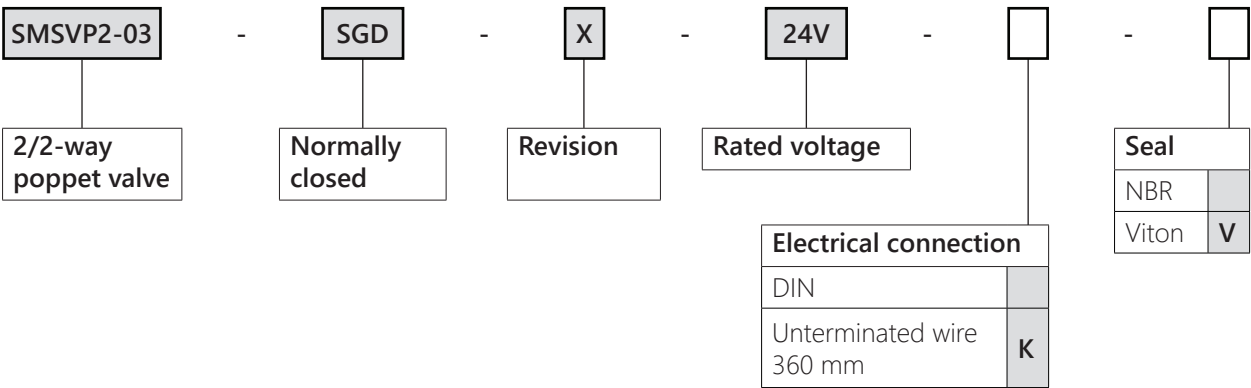
Cavity SMSVP



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NOTE A detailed drawing of the cavity is provided in section 12, "General information" under the "Valve Cavities and Port patterns" section at www.weber-hydraulik.com.

Type code



Miscellaneous

Accessories/spare parts	Article:	Article number:
	Socket DIN EN 175301-803 (formerly DIN 43650), shape B, black	149.0005
	Socket DIN EN 175301-803 (formerly DIN 43650), shape B, gray	149.0004
	Adapter plug DIN EN 175301-803 (formerly DIN 43650), shape B to shape A	109.0006

NOTE For appropriate electronic controllers, see section 6, “Electronics and Sensors” at www.weber-hydraulik.com

Operating manual Information regarding assembly, commissioning and maintenance is available in our product catalog in section 12, “General information” in the “General Operating Manual, Hydraulics” category or on request.



WEBER-HYDRAULIK GMBH
Am Wollmatinger Ried 12
78479 Reichenau, Germany
Phone: +49 7531 9748-0

www.weber-hydraulik.com
info.de-k@weber-hydraulik.com

Subject to changes