2/2-way directional seated valve type SVN 225, 226 (size 8)

Operating pressure p_{max}	**250 bar**
Volume flow V_{max}	**20 l/min**



Directional seated valves are a type of directional valve. Their function is to direct the flow of hydraulic medium in certain directions, therefore connecting the relevant connections, or shutting off the flow with zero leakage. By this means they control the movement of the actuators in a hydraulic system.

Directional seated valves SVN225 and SVN226 are hydraulically pilot-controlled 2/2-way directional seated valves. They are screw-in valves. All connections can be subjected to the same pressures. As they are cone-seated valves, they offer high switching reliability even after remaining in position under high pressure for longer periods.

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Available versions

Order coding

SVN	225	BE08	N	D	H*

Manual override

___	Basic version
H*	Manual override

* only SVN225

Connection type

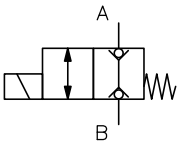
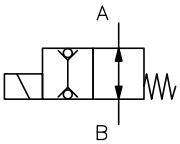
D	DIN43650-AF2-PG9 plug connection

Electrical data

P	24 V = (DC)
W	230 V 50/60 Hz ~ (AC)

Size

Design

225		Power consumption 26 W
226		Power consumption 26 W

Parameters

General data

Weight	0.4 kg
Ambient temperature	-30 to +50 °C
Installation position	any
Design	Seated valve, directly controlled

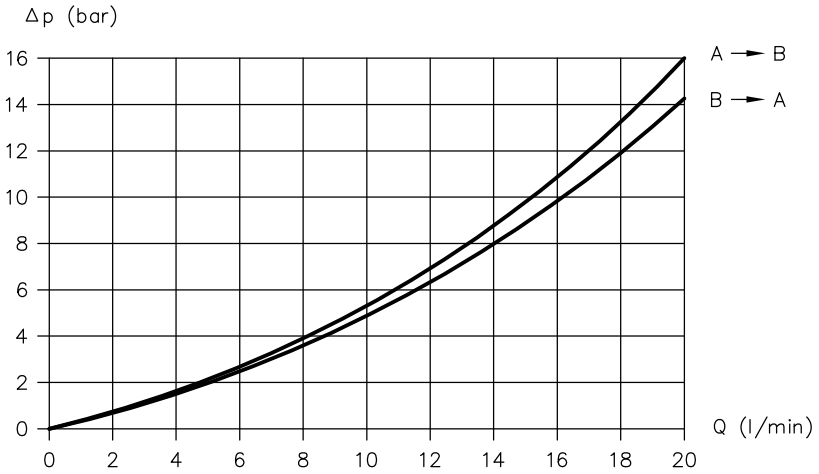
Pressure and volumetric flow

Hydraulic fluid: mineral oil according to DIN 51524, other media on request

Max. operating pressure	250 bar
Hydraulic fluid temperature	-25 to +70 °C
Viscosity	10-600 mm²/s
Cleanliness level	max. class 22/19/16 (ISO 4406)
Filter recommendation	Filter retention rate $\beta_{25} > 75$

Characteristic lines

measured at +50 °C temperature of hydraulic fluid, viscosity 35 mm²/s, tolerance ±5 %



Q flow rate (l/min); Δp flow resistance (bar)

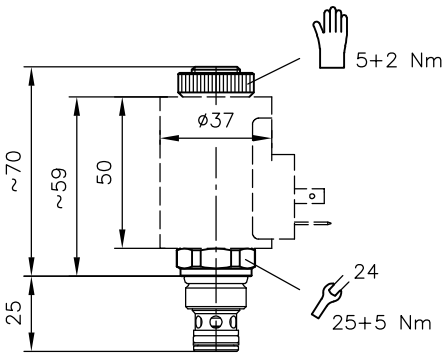
Electrical data

Actuation type	electromagnetic with/without manual override
Voltage type	AC +5%, -10% with rectifier circuit in the line connector; DC ±10%
Power consumption	26 W; P_{20} (=power at 20 °C)
Duty cycle	Continuous operation
Protection class	IP 65 with plugged-in rectifier circuit in the line connector (DIN 40050)

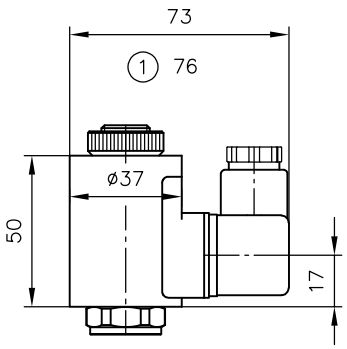
Dimensions

All dimensions in mm, subject to change.

Screw-in valve

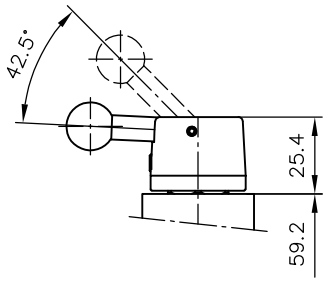


Solenoid version

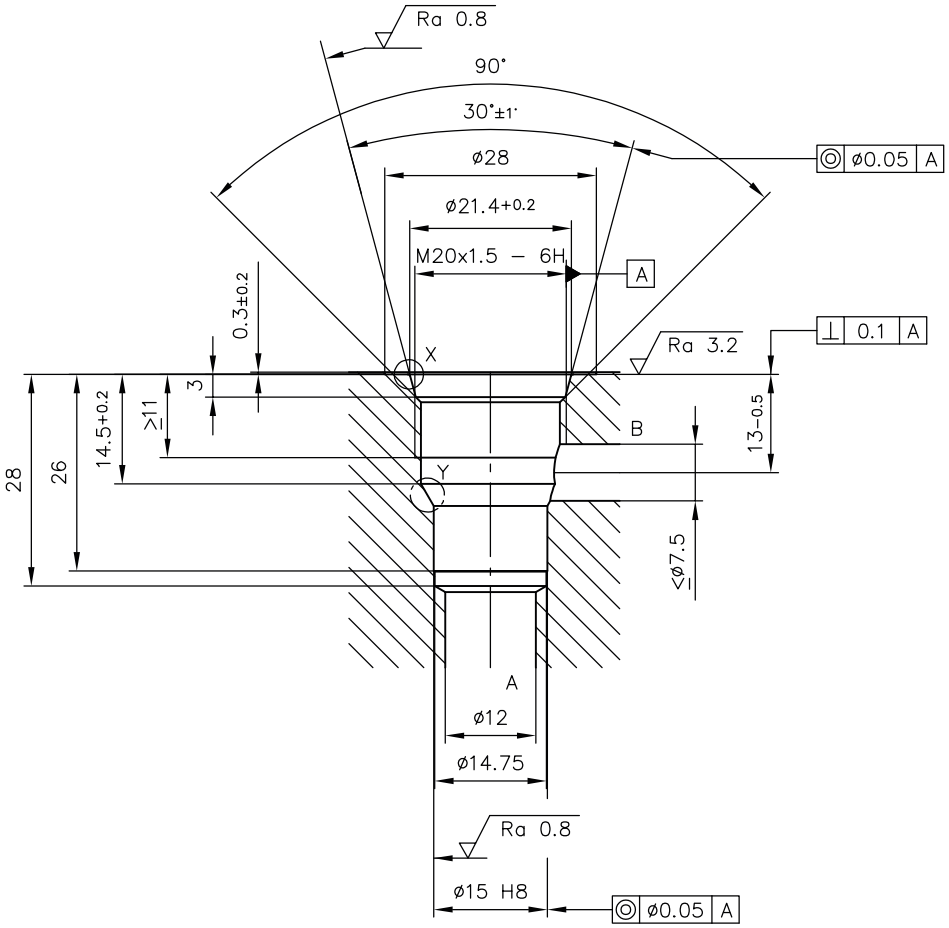


1 with rectifier circuit in the line connector

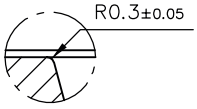
Manual override
only for SVN 225



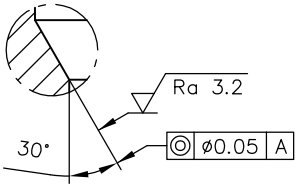
Mounting hole



Single unit X



Single unit Y



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