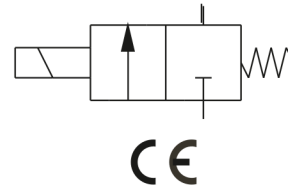


INDIVIDUAL VALVES

SV 01 2/2 directional valve

- directly controlled cartridge type seat valve with solenoid operation
- normally closed
- for line installation
- seal materials adapted to various media
- principle of wet core, dry coil
- solenoid coils for a.c. and d.c. voltages
- solid construction
- main applications in the mechanical engineering and in the hydraulic control technique
- special type with manual auxiliary



Technical data:

Valve

for seal materials see "Technical Explanations"

Media	Temperature °C	Seal materials	
		RAPA	ASTM
Air, water, mineral oil, neutral gases	-15 bis + 60	P	NBR
Mineral oils, waterfree air	-10 bis + 70	K	-
Heavy oil, hot water, high pressures	-20 bis +140	R	synth.Ruby
Water, steam	-10 bis +130	E	EPDM
Petrol, benzene, various chemicals	-20 bis +100	V	FKM

Ambient temperature :

-20°C bis + 40°C

Media viscosity:

max. 150 mm²/s

Burst pressure :

≥ 250 bar

Materials

Valve body:

Cu Zn 39 Pb 3 F44

Guide tube:

1.4301

Core/armature:

1.4105

Valve seat:

1.4305

Net weight:

appr. 260 g

Standard voltages:

12V d.c., 24V d.c.
24V, 42V, 230V a.c.

INDIVIDUAL VALVES

SV 01 2/2 directional valve

Functional values (up to media viscosity $30 \frac{\text{mm}^2}{\text{s}}$)

Connection thread	Nominal width mm	Kv value l/min	Seal stoff	Service pressure in bar	
				~	=
G 1/8	1	0,7	K	0-80	0-60
	1,5	1,3	K	0-40	0-26
	2	2	K	0-24	0-12
	2	2	R	0-24	0-12
	2,5	2,7	P	0-15	0- 6
	2,5	2,7	V	0-12	0- 6
G 1/4	1,5	1,3	K	0-40	0-26
	2	2	R	0-24	0-12
	2,5	3	P	0-15	0- 6
	2,5	3	V	0-12	0- 6
	3	3,6	P	0-10	0-3,5
	3	3,6	V	0-10	0-3,5
	3,8	4,4	P	0- 7	0-2,5
	3,8	4,4	E	0- 7	0-2,5
	3,8	4,4	V	0- 7	0-2,5

Dimensional drawing

