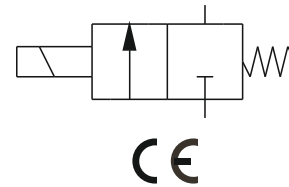


# INDIVIDUAL VALVES

## SV 04 2/2 directional valve



- directly controlled directional 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
- DIN approval for SV 04 R3 DIN



### Technical data:

Valve see "Technical Explanations" for seal materials

Media	Temperature °C	Seal materials	
		RAPA	ASTM
Air, water, mineral oil, neutral gases	-15 bis + 60	P	NBR
Mineral oil, waterfree air	-10 bis + 70	K	-
Heavy oil, hot water	-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 to + 40°C  
Medium viscosity: max. 150 mm<sup>2</sup>/s  
Burst pressure : > 250 bar

Materials  
Valve body: Cu Zn 39 Pb 3 F44  
Guide tube: 1.4303  
Core/armature: 1.4105  
Valve seat: 1.4305

Net weight: appr. 490 g

Standard voltages: 12V d.c., 24V d.c.  
24V, 42V, 230V a.c.

# INDIVIDUAL VALVES

## SV 04 2/2 directional valve

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

Connection thread	Nom. orifice dia./mm	Kv value l/min	Seal material	Service pressure bar		
				~	=	~ 14W
G 1/4	1,5	1,3	K	0-90	0-150	0-130
	1,5	1,3	R	0-90	0-150	0-130
	2	2,1	K	0-40	0- 60	0- 60
	2	2,1	R	0-40	0- 60	0- 60
	2,5	3	K	0-30	0- 30	0- 40
	2,5	3	R	0-30	0- 30	0- 40
	3	3,6	K	0-20	0- 20	0- 32
	3	3,6	R	0-20	0- 20	0- 32
	R 3 DIN	3,6	R	0-30	-	-
	3,8	4,4	P	0-15	0- 15	-
3,8	4,4	V	0-12	0- 12	-	
G 3/8	4	6,5	P	0-10	0- 8	0- 14
	4	6,5	V	0-10	0- 8	0- 12
	5	8	P	0- 6	0- 5	0- 9
	5	8	V	0- 6	0- 5	0- 9
	5	8	E	0- 6	0- 5	0- 9
	6	10	P	0- 4	0- 2,5	0- 6
	6	10	E	0- 4	0- 2,5	0- 6

