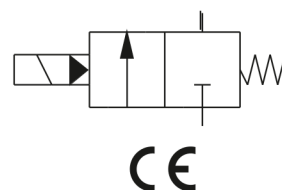


# INDIVIDUAL VALVES

## SV 09 2/2 directional valve

- servo-assisted directional seat valve with solenoid operation
- normally closed
- for use in water piping, drinking water supplies included
- not suited for closed circuits
- various seal materials adapted to different media
- principle of wet core, dry coil
- solenoid coils for a.c. and d.c. voltages
- solid construction
- main applications in the mechanical and apparatus engineering for the control of large liquid and gas volumes
- SZU approval
- special type with manual auxiliary



### Technical data:

Valve

for seal materials see "Technical Explanations

Media	Temperature °C	Seal materials	
		RAPA	ASTM
Air, water, neutral gases, mineral oils	-15 bis + 60	P	NBR
Water, hot water, steam	-10 bis +130	E	EPDM
Tri, methyl alcohol	-20 bis +100	V	FKM

Ambient temperature : -10°C bis + 35°C  
 Media viscosity: max. 50 mm<sup>2</sup>/s  
 Burst pressure: ≥ 60 bar

#### Materials

Valve body: Cu Zn 40 Pb 2 F37  
 Guide tube: 1.4301  
 Core/armature: 1.4105

Net weight: 1" appr. 1490 g  
 3/4" appr. 1590 g  
 1/2" appr. 560 g  
 3/8" appr. 580 g

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

# INDIVIDUAL VALVES

## SV 09 2/2 directional valve

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

Connection thread	Nominal width mm	Kv value l/min	Seal material	Symbol	Working pressure in bar	
					max	min
G 3/8	13	40	P	12	0,5-12	
	13	40	V	8	0,5- 8	
	13	40	E	15	0,5-12	
G 1/2	13	45	P	12	0,5-12	
	13	45	V	7	0,5- 7	
	13	45	E	5	0,5-12	
G 3/4	23	160	P	10	0,5-10	
	23	160	V	6	0,5- 6	
	23	160	E	2	0,5-12	
G 1	25	185	P	10	0,5-10	
	25	185	V	6	0,5- 6	
	25	185	E	2	0,5-12	

