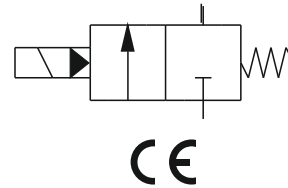


INDIVIDUAL VALVES



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 mm²/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.

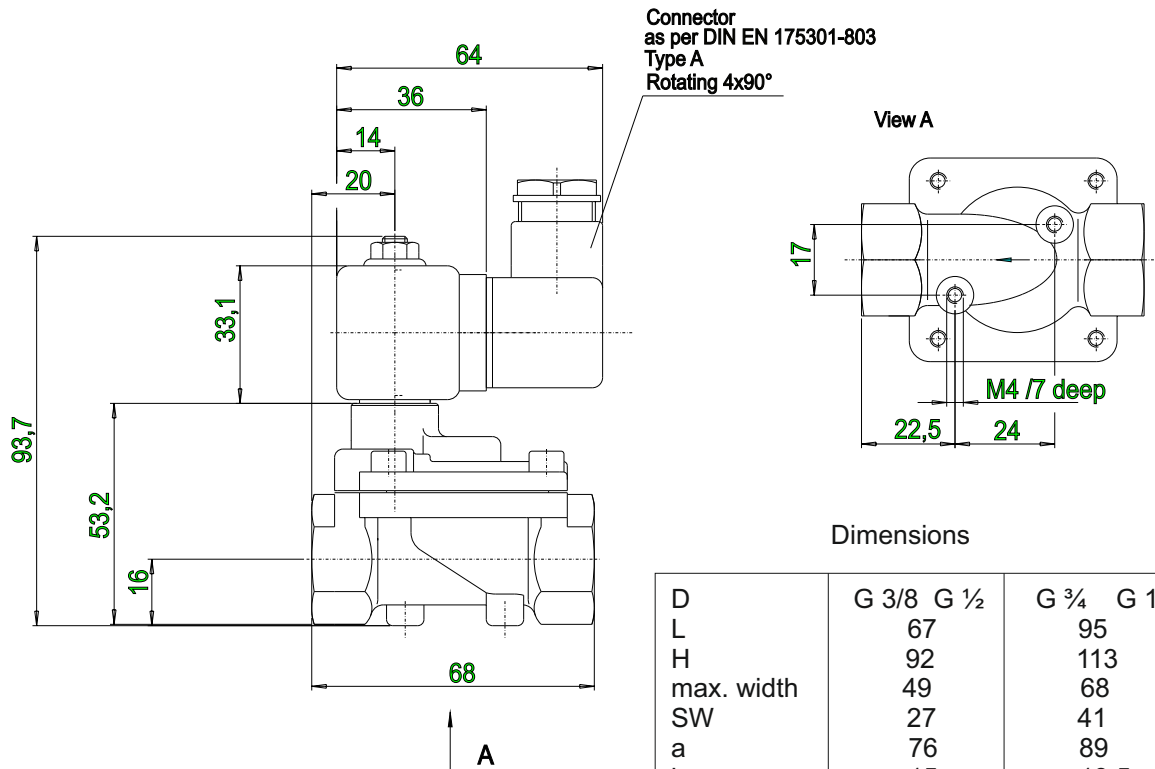
INDIVIDUAL VALVES



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	Service pressure in bar	
				~	=
G 3/8	13	40	P	0,5-12	0,5-12
	13	40	V	0,5- 8	0,5- 8
	13	40	E	0,5-15	0,5-12
G 1/2	13	45	P	0,5-12	0,5-12
	13	45	V	0,5- 7	0,5- 7
	13	45	E	0,5-15	0,5-12
G 3/4	23	160	P	0,5-10	0,5-10
	23	160	V	0,5- 6	0,5- 6
	23	160	E	0,7-12	0,5-12
G 1	25	185	P	0,5-10	0,5-10
	25	185	V	0,5- 6	0,5- 6
	25	185	E	0,7-12	0,5-12



	G 3/8	G 1/2	G 3/4	G 1
D				
L		67		95
H		92		113
max. width		49		68
SW		27		41
a		76		89
b		15		18,5
c		9		13,5
e		17		27
Thread		M4 7 deep		M6 10 deep