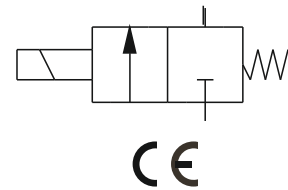


INDIVIDUAL VALVES

BV 01 2/2 directional shut-off valve



- directly controlled directional seat valve with solenoid operation
- normally closed
- for installation in the line
- seal material suited for light heating oil
- principle of wet core, dry coil
- built-in filter protects the oil against pollution
- solenoid coils for a.c. and d.c. voltages
- solid construction
- safety shut-off valve for heating oil EL as per EN 264
- DIN approved



Technical data

Valve see "Technical Explanations" for seal materials

Media	Temperature	Material	
		RAPA	ASTM
Light heating oil EL as per DIN 51603-1	0°C to +60°C	L	Syn. Elastomer
		R	Syn. Ruby

Ambient temperature : -10°C to + 60°C
 Burst pressure : ≥ 50 bar
 Flow : max. 3,0 l/min ≅ 210kg/h

Materials

Valve body: Cu Zn 39 Pb3 F37
 Guide tube: 1.4303
 Core: 1.4104
 Armature: 1.0718

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

Connection thread	Rated orifice mm	Kv value l/min	Seal material	Service pressure [bar] ~
G1/8	2	1,4	L	0 - 24
1/8 NPT	2	1,4	L	0 - 24
G1/4	2	1,4	L	0 - 24
G1/8	2	1,8	R	0 - 26

INDIVIDUAL VALVES

BV 01 2/2 directional shut-off valve

Dimensional drawing

