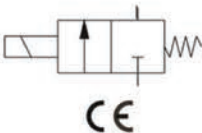


Single Valve BV01

2/2 oil shut-off valve

Technical Data			
Type	Direct-operated poppet valve with solenoid actuation		
Function	2/2 NC (normally closed)		
Media	Heating oil According to DIN 51603-1		
Ambient temperature	-10°C up to + 60°C		
Medium Viscosity	max. 3,0 l/min ≈ 210 kg/h		
Burst pressure	≥ 50 bar		
Standard voltages	24 V / 230 V		
Weight	190 g - 260 g		
Materials			
Valve body	Cu Zn 39 Pb3 F37		
Guide tube	1.4303		
Core	1.4104		
Armature	1.0718		
Media	Temperature	Sealing material	
		Abbreviation RAPA	Trade name
	Light heating oil EL According to DIN 51603-1	0°C up to +60 °C	L
R			Syn. Ruby

Functional values (up to media viscosity 30 $\frac{mm^2}{s}$)				
Connection	Nominal width [mm]	Kv-value [l/min]	Sealing material	Operating pressure [bar]
G 1/8	2	1,4	L	0-24
G 1/4	2	1,4	L	0-24

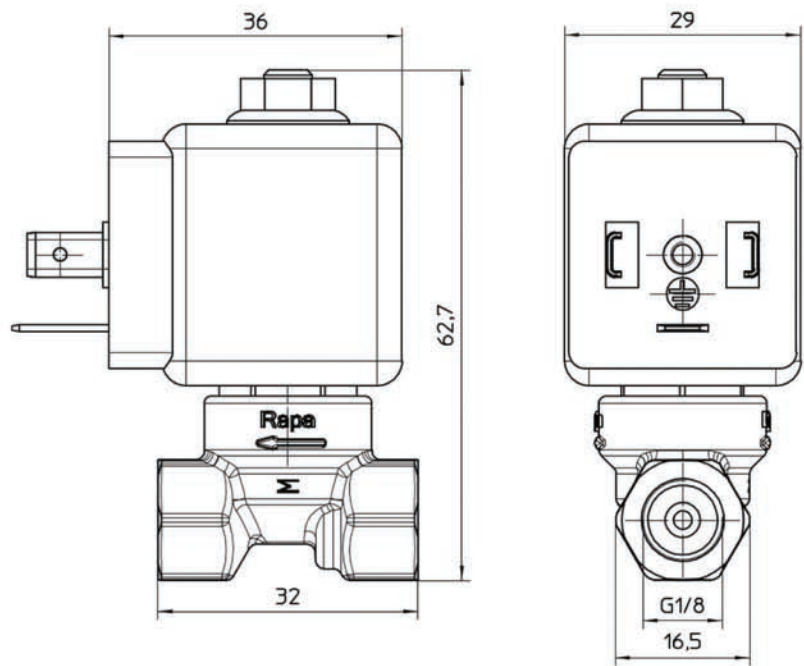


Single Valve BV01

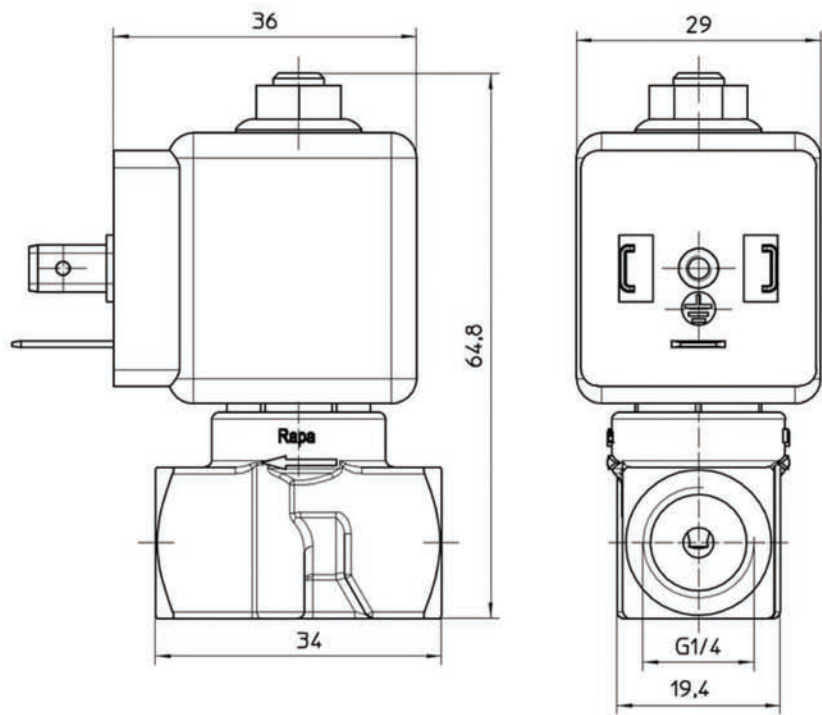
Key-Features

- Direct operated directional seat valve with solenoid actuation
- Normally closed
- For inline installation
- Seals matched to light heating oil
- Wet armature principle, dry coil
- Built-in strainer protects against impurities in the oil
- Solenoid coils for direct and alternating voltage (M10)
- Compact design
- Safety shut-off device for extra-light heating oil according to DIN EN ISO 23553-1 (BV01 L2 1/8 and BV01 L2 1/4)
- DIN Certco certified (BV01 L2 1/8 and BV01 L2 1/4)

Dimensional Drawing



BV01 1/8"



BV01 1/4"