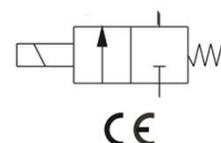
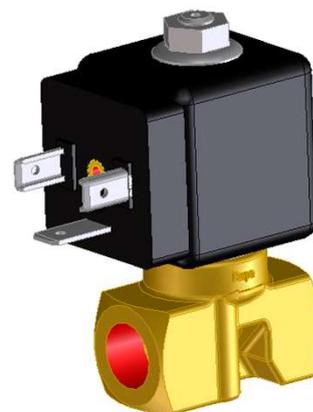


Single Valve BV01

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	
Light heating oil EL According to DIN 51603-1	0°C up to +60 °C	Abbreviation RAPA	Trade name
		L	Syn. Elastomer
		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

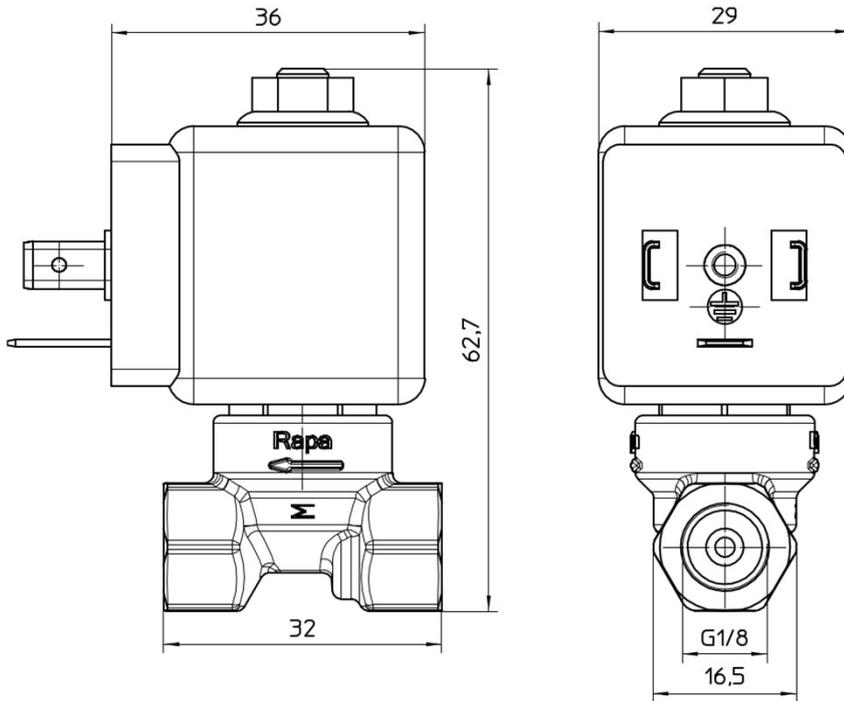


Single Valve BV01

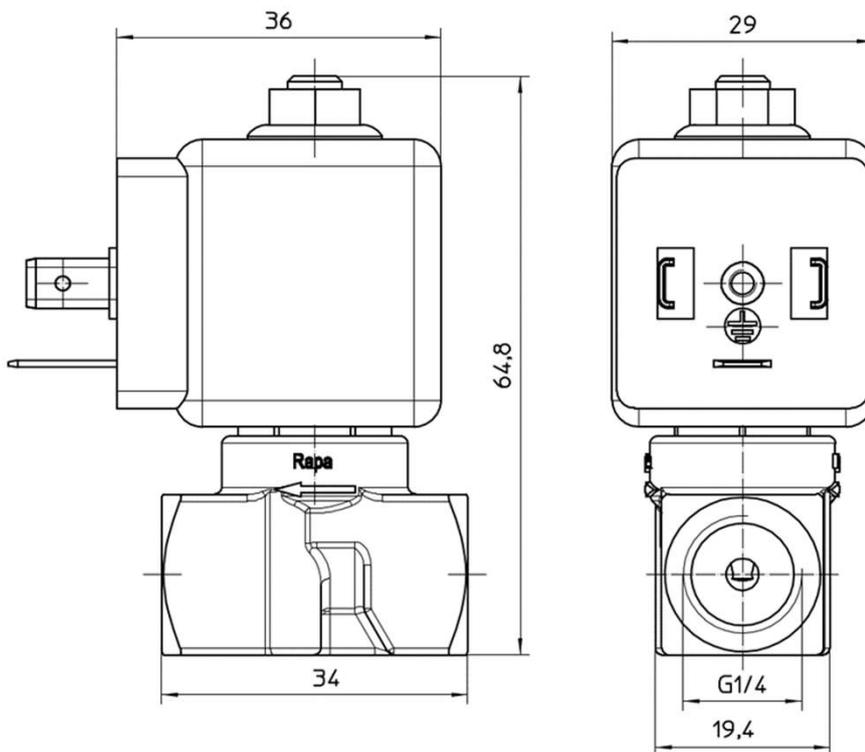
Key-Features

- 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"

All information is without guarantee. Misprints, errors and technical changes excepted.
Status 03/2025