



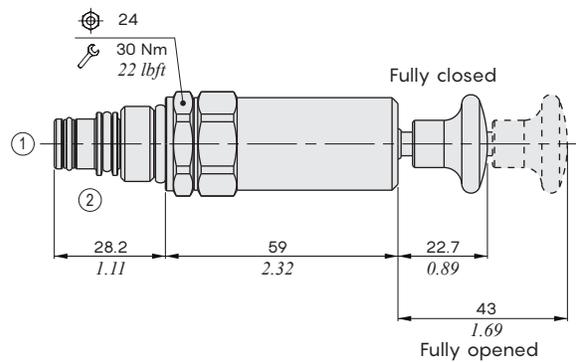
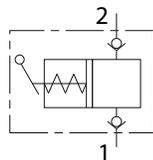
## UM08M type check valves - 2 way

- Direct operation by knob
- Configuration with valve return in delivery position is available
- External zinc-plated and corrosion-proof components

Technical specifications and diagrams are measured with mineral oil of 46 cSt viscosity at 40°C (104°F) temperature.

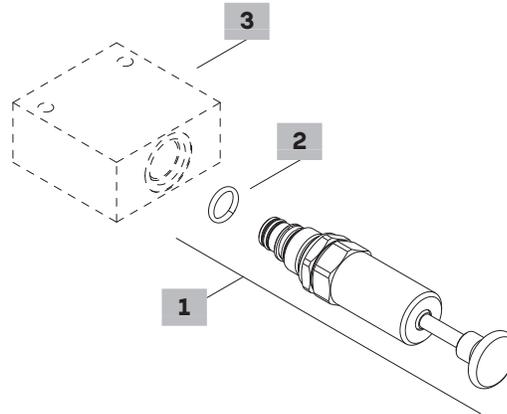
		<b>UM08M</b>
Displacement		1 in <sup>3</sup> /stroke
Max. pressure		Port 1 = 50 bar (750 psi) Port 2 = 210 bar (3050 psi)
Oil leakage	at 200 bar (2900 psi)	0.25 cm <sup>3</sup> /min (0.015 in <sup>3</sup> /min)
Fluid		mineral based or synthetic hydraulic fluid with lubricating properties
Viscosity		12-200 cSt
Max level of contamination		20/18/14 ISO4406
Fluid temperature	with NBR seals+Polyurethane with FPM seals	from -25°C (-13°F) to 90°C (194°F) from -20°C (-4°F) to 110°C (230°F)
Environmental temp. for working conditions		from -20°C (-4°F) to 60°C (140°F)
Cavity		SAE 08/2
Weight		0.212 kg (0.47 lb)

NOTE - For different conditions, please contact Walvoil Sales Dpt.



### Ordering codes and description composition

#### UM08M/1A1B



#### 1 Cartridges

TYPE	CODE	DESCRIPTION
<b>SAE cavity 08/2</b>		
<b>UM08M/1A1B</b>	0UM08002002	Valve assembly

#### 2 Seals

TYPE	DESCRIPTION
<b>B</b>	<b>NBR (Buna)+Polyurethane</b> o-ring seals, std configuration
<b>V</b>	<b>FPM (Viton)</b> o-ring seals, contact Sales Dept

#### 3 Valve body

TYPE	CODE	DESCRIPTION
<b>SAE08/2-SAE6</b>	3CC0820J11	Aluminium body for cavity 08 valve, SAE6 std thread

Note: aluminium body can stand up to 210 bar (3050 psi)  
For steel bodies or different threading see from page 208

### Rating diagrams

Output Pressure vs. Input force

