



UM08M type check valves - 2 way

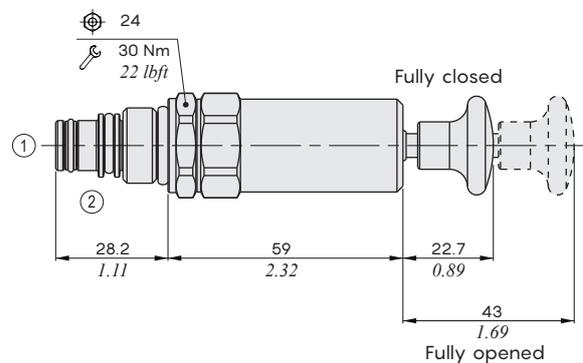
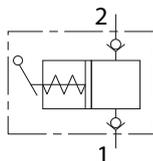
- Direct operation by knob
- Configuration with valve return in delivery position is available
- External zinc-plated and corrosion-proof components

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

UM08M

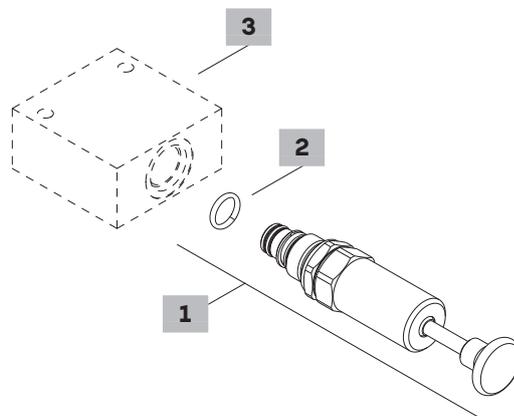
Displacement		1 in ³ /stroke
Max. pressure		Port 1 = 50 bar (750 psi) Port 2 = 210 bar (3050 psi)
Oil leakage	at 200 bar (2900 psi)	0.25 cm ³ /min (0.015 in ³ /min)
Fluid		mineral based or synthetic hydraulic fluid with lubricating properties
Viscosity		12-200 cSt
Max level of contamination		20/18/14 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
SAE cavity 08/2		
UM08M/1A1B	0UM08002002	Valve assembly

2 Seals

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

3 Valve body

TYPE	CODE	DESCRIPTION
SAE08/2-G 1/4	3CC0820B11	Aluminium body for cavity 08 valve, G 1/4 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

