



UV10M type check valves - 2 way

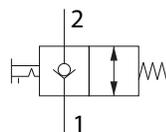
- Poppet type
- Direct operation by knob
- Available mechanical detent
- External zinc-plated and corrosion-proof components

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

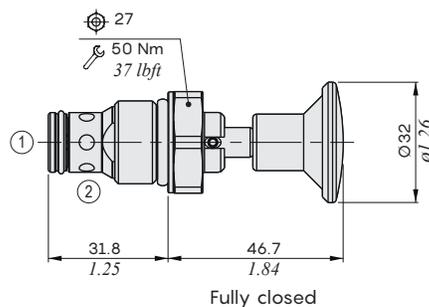
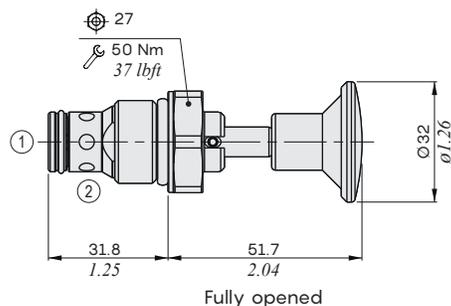
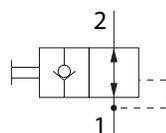
		UV10M
Nominal flow		60 l/min (16 US gpm)
Max. pressure		320 bar (4650 psi)
Oil leakage	at 210 bar (3050 psi)	0.25 cm ³ /min (0.015 in ³ /min)
Fluid		mineral based or synthetic hydraulic fluid with lubricating properties
Viscosity		20-200 cSt
Max level of contamination		18/16/13 ISO4406
Fluid temperature	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 10/2
Weight		0.164 kg (0.36 lb)

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

Normally closed configuration

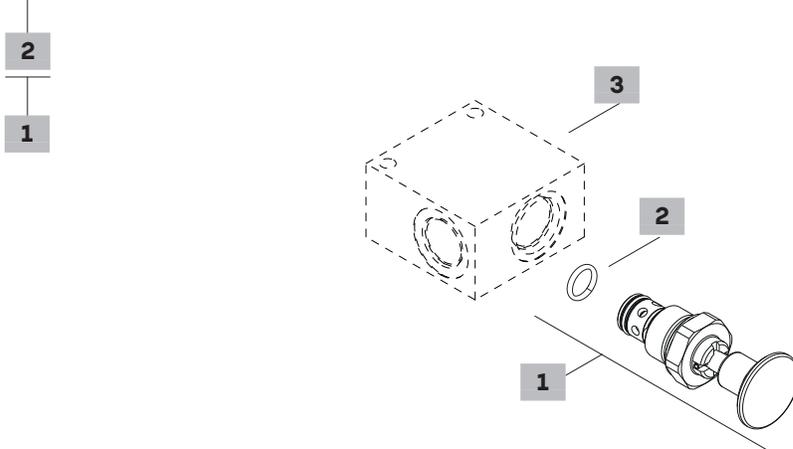


Normally open configuration



Ordering codes and description composition

UV10M/2A0B



1 Cartridges

TYPE	CODE	DESCRIPTION
SAE cavity 10/2		
UV10M/2A0B	0UV10002000	Normally closed (N.C.) with detent, pull to operate; spring return
UV10M/2E0B	0UV10002002	Normally closed (N.C.) without detent

3 Valve body

TYPE	CODE	DESCRIPTION
SAE10/2 - SAE10	3CC1020L11	Aluminium body for cavity 10 valve, SAE10 std thread

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

2 Seals

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

Rating diagrams

Pressure drop vs. flow

