UV10M type
check valves - 2 way

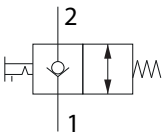
- Poppet type
- Direct operation by knob
- Available mechanical detent
- External zinc-plated and corrosion-proof components

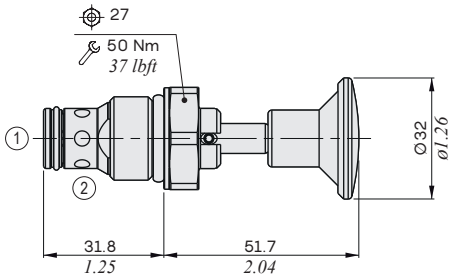
Technical specifications and diagrams are measured with mineral oil of 46 cSt viscosity at 40°C *(104°F)* temperature.

		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 sinthetic 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.

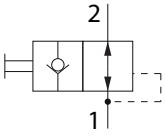
Normally closed configuration

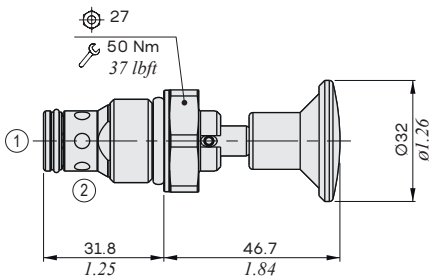




Fully opened

Normally open configuration





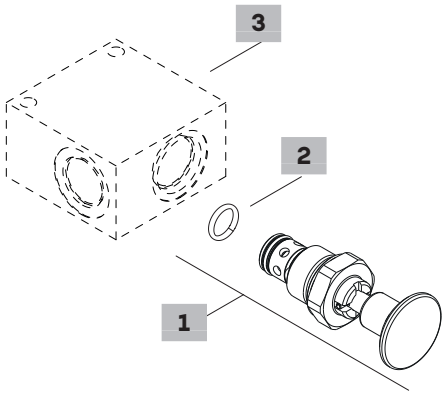
Fully closed

Ordering codes and description composition

UV10M/2A0B

2

1



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

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
SAE10/2-G 1/2	3CC1020D11	Aluminium body for cavity 10 valve, G 1/2 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

Pressure drop vs. flow