



Type VUS check valves

- Ball type

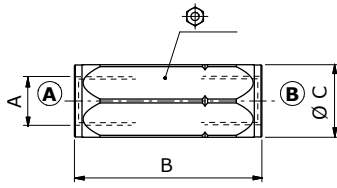
Technical specifications and diagrams are measured with mineral oil ISO VG32 at 50°C (122°F) temperature.

	VUS 14	VUS 38	VUS 12	VUS 34
Nominal flow	15 l/min (3.96 US gpm)	28 l/min (7.4 US gpm)	50 l/min (13.2 US gpm)	80 l/min (21.1 US gpm)
Max. pressure	400 bar (5800 psi)	400 bar (5800 psi)	350 bar (5100 psi)	300 bar (4350 psi)
Oil leakage	0.50 cm ³ /min (0.03 in ³ /min) at 210 bar (3050 psi)			
Fluid	mineral based oil			
Viscosity	from 10 to 200 cSt			
Max. level of contamination	18/16/13 ISO4406			
Fluid temperature	with NBR seals: from -20°C (-4°F) to 80°C (176°F)			
Environmental temp. for working conditions	-40°C (-40°F) to 100°C (212°F)			
Weight	Steel 0.10 kg (0.22 lb)	0.18 kg (0.40 lb)	0.31 kg (0.68 lb)	0.56 kg (1.23 lb)

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



Dimensions

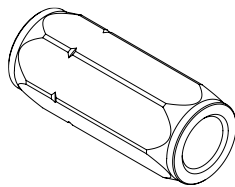


Dimensions are in mm-in

Valve type	A	B	Ø C	⌀
VUS 14	G 1/4	58 - 2.28	21 - 0.83	19
VUS 38	G 3/8	62 - 2.44	27 - 1.05	24
VUS 12	G 1/2	71 - 2.79	33 - 1.30	30
VUS 34	G 3/4	83 - 3.27	40 - 1.57	36

Ordering codes and description composition

Port size | Opening pressure (bar)
VUS14/ Pa4 FO
 - without hole
FO with metering hole



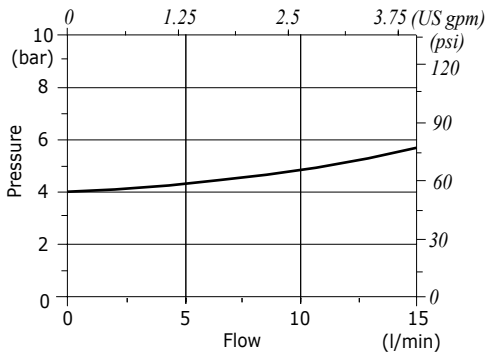
VUS complete valves

TYPE	CODE	DESCRIPTION
VUS14/Pa4	1312010100	Steel body, opening pressure 4 bar (58 psi), G1/4 thread
VUS38/Pa4	1312020100	Steel body, opening pressure 4 bar (58 psi), G3/8 thread
VUS12/Pa4	1312030100	Steel body, opening pressure 4 bar (58 psi), G1/2 thread
VUS34/Pa4	1312040100	Steel body, opening pressure 4 bar (58 psi), G3/4 thread

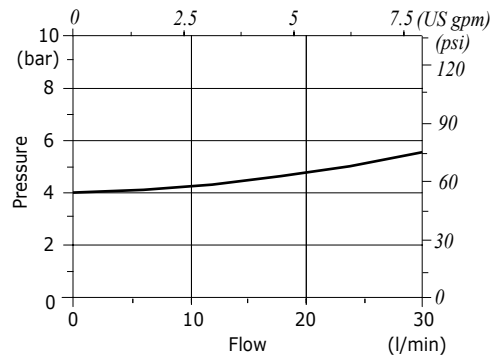
For different configurations and SAE thread please contact our Sales Dpt.

Rating diagrams

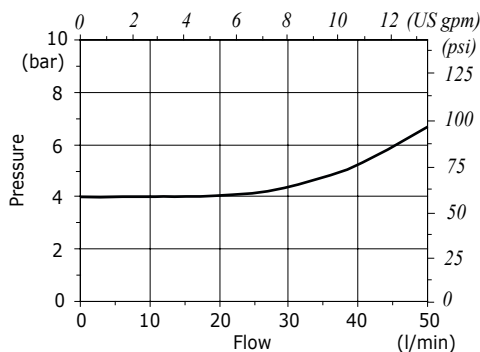
VUS 14 pressure drop vs. flow
opening pressure 4 bar (58 psi)



VUS 38 pressure drop vs. flow
opening pressure 4 bar (58 psi)



VUS 12 pressure drop vs. flow
opening pressure 4 bar (58 psi)



VUS 34 pressure drop vs. flow
opening pressure 4 bar (58 psi)

