

Type VPR/2/RL/EX

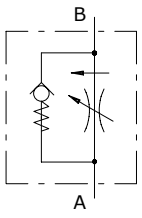
flow control pressure compensated valves

- With check valve
- Compensated

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

	VPR/2/RL/EX 14/V	VPR/2/RL/EX 38/V	VPR/2/RL/EX 12/V
Nominal flow	17 l/min *(4.5 US gpm)*	17 l/min *(4.5 US gpm)*	35 l/min *(9.2 US gpm)*
Nominal flow from B to A	25 l/min *(6.6 US gpm)*	30 l/min *(7.9 US gpm)*	45 l/min *(11.9 US gpm)*
Max. pressure	300 bar *(4350 psi)*	300 bar *(4350 psi)*	250 bar *(3600 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 temperature for working conditions	from -40°C *(-40°F)* to 100°C *(212°F)*		
Weight *steel*	0.52 kg *(1.15 lb)*	0.50 kg *(1.1 lb)*	0.69 kg *(1.52 lb)*

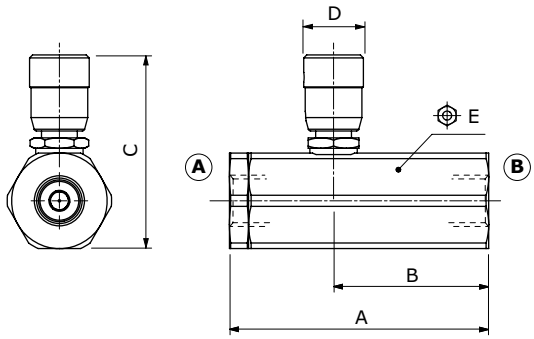
NOTE - For different conditions, please contact Walvoil Sales Dpt.



Dimensions

Dimensions are in mm-*in*

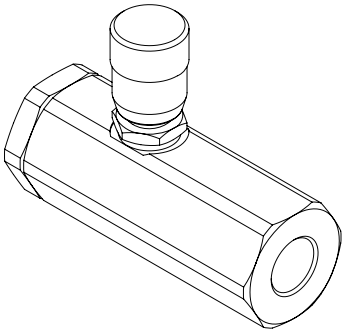
Valve type	All ports	A	B	C	D	E
VPR/2/RL/EX 14/V	G1/4	87 - *3.42*	52.5 - *2.07*	68 - *2.68*	20 - *0.79*	32
VPR/2/RL/EX 38/V	G3/8	87 - *3.42*	52.5 - *2.07*	68 - *2.68*	20 - *0.79*	32
VPR/2/RL/EX 12/V	G1/2	107 - *4.21*	61 - *2.40*	71 - *2.79*	20 - *0.79*	36



Ordering codes and description composition

Port size

VPR/2/RL/EX 14/V



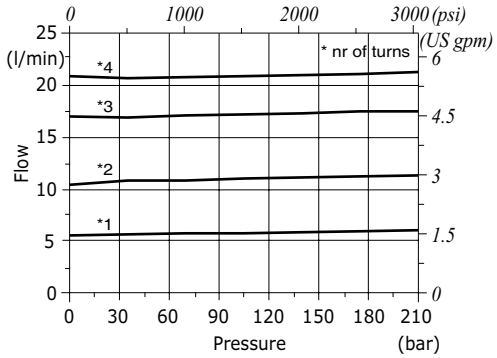
VRFU90C complete valves

TYPE	CODE	DESCRIPTION
VPR/2/RL/EX 14/V	1605510100	Steel body, G1/4 ports
VPR/2/RL/EX 38/V	1605520100	Steel body, G3/8 ports
VPR/2/RL/EX 12/V	1605530100	Steel body, G1/2 ports

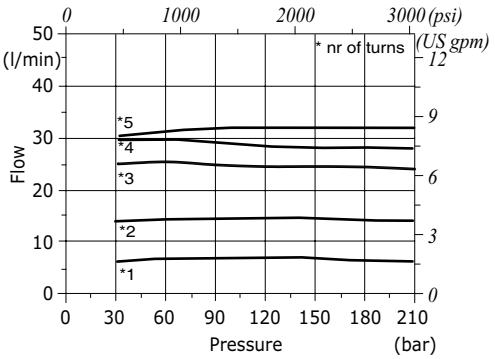
For other steel body configurations or SAE thread please contact our Sales Dpt.

Rating diagram

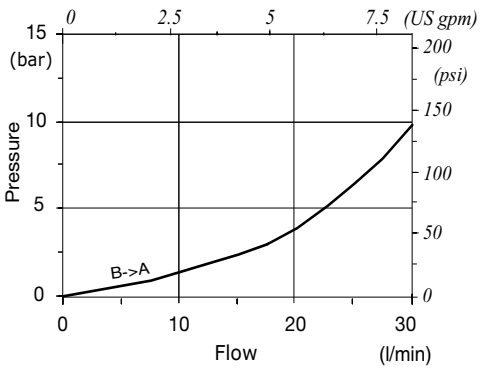
VPR/2/RL/EX 14/V - VPR/2/RL/EX 38/V
pressure drop vs. flow compensated (A→B)



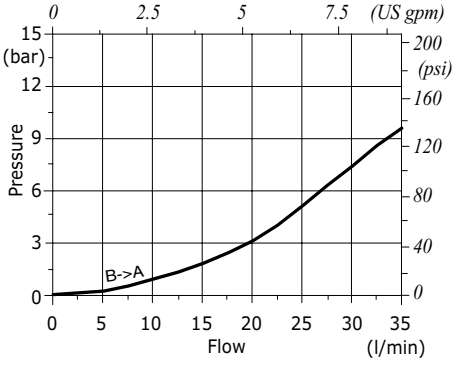
VPR/2/RL/EX 12/V
pressure drop vs. flow compensated (A→B)



VPR/2/RL/EX 14/V
pressure drop vs. flow (B→A)



VPR/2/RL/EX 38/V
pressure drop vs. flow (B→A)



VPR/2/RL/EX 12/V
pressure drop vs. flow (B→A)

