

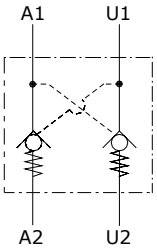
Type VRDE..CIL
pilot operated check valves

- Double acting
- With bolt connection

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

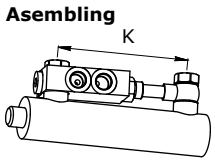
		VRDE01CIL	VRDE02CIL
Nominal flow		20 l/min *(5.3 US gpm)*	
Max. pressure		300 bar *(4350 psi)*	
Oil leakage		0.25 cm^3/min *(0.015 in^3/min)* at 210 bar *(3050 psi)*	
Fluid		mineral based oil	
Viscosity		from 10 to 200 cSt	
Max. level of contamination		18/16/13 ISO4406	
Fluid temperature		*with NBR seals* from -20°C *(-4°F)* to 80°C *(176°F)*	
Environmental temp. for working conditions		from -40°C *(-40°F)* to 100°C *(212°F)*	
Weight	*Steel*	0.45 kg *(0.99 lb)*	0.65 kg *(1.43 lb)*

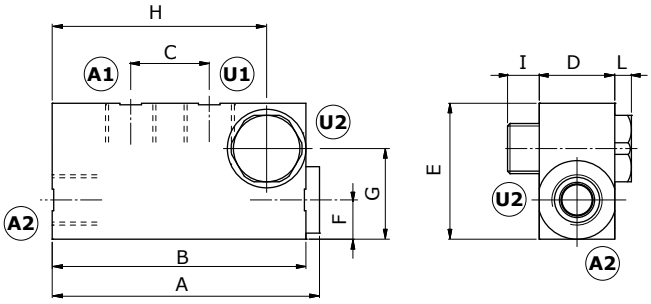
NOTE - For different conditions, please contact Walvoil Sales Dpt.



Dimensions

Valve type	All ports
VRDE01CIL	G1/4
VRDE02CIL	G3/8





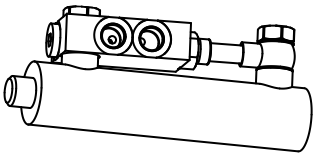
Dimensions are in mm-*in*

Valve type	A	B	C	D	E	F	G	H	I	L	K min
VRDE01CIL	88.5-*3.48*	84-*3.31*	24-*0.94*	20-*0.79*	40-*1.57*	10-*0.39*	27-*1.06*	68.5-*2.7*	10-*0.39*	6-*0.23*	123-*4.84*
VRDE02CIL	90.5-*3.56*	86-*3.38*	26-1.02	25-*0.98*	45-*1.77*	12-*0.47*	31-*1.22*	72-*2.83*	11-*0.43*	*7-0.27*	127-*5*

Ordering codes and description composition

Port size

VRDE 02 CIL



VRDECIL complete valves

TYPE	CODE	DESCRIPTION
VRDE01CIL	1420312100	Steel body, G1/4 port, opening pressure 1 bar *(14,5 psi)*, pilot ratio 1:4.9
VRDE02CIL	1420322100	Steel body, G3/8 port, opening pressure 1 bar *(14,5 psi)*, pilot ratio 1:4.9

For different configurations or SAE threads please contact our Sales Dpt.

Rating diagram

VRDE01CIL and VRDE02CIL
pressure drop vs. flow

