

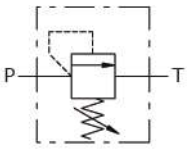
Type VMD..20
pressure relief valves

- Direct acting

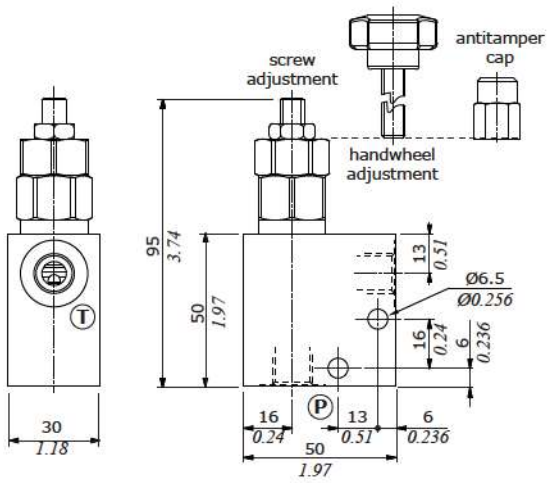
Technical specifications and diagrams are measured with mineral oil of 46 cSt viscosity at 40°C *(104°F)* temperature.

		VMD..2001	VMD..2002
Nominal flow		20 l/min *(5.3 US gpm)*	20 l/min *(5.3 US gpm)*
Max. pressure		Aluminium body = 210 bar *(3050 psi)* Steel body = 350 bar *(5100 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	*aluminium*	0.30 kg *(0.66 lb)*	0.28 kg *(0.62 lb)*
	steel	0.61 kg *(1.34 lb)*	0.59 kg *(1.30 lb)*

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



Dimensions



Dimensions are in mm-*in*

Valve type	All ports
VMD..20 01	G1/4
VMD..20 02	G3/8

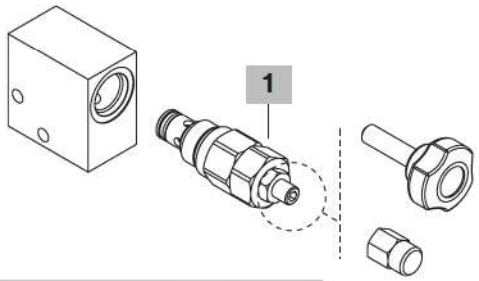
Ordering codes and description composition

Port size
setting range
Adjustment option:
1 = screw type
2 = handwheel type
3 = antitamper cap

VMD..20 01 B 1

- aluminium
S = steel

1



Spring type	Setting range bar *(psi)*	Std. setting bar *(psi)*
A	5-60 *(72.5-870)*	30 *(432)*
B	50-240 *(725-3500)*	150 *(2200)*
C	90-350 *(130-5100)*	250 *(3600)*
D	20-130 *(290-1900)*	70 *(1000)*

VMD..20 complete valves

TYPE	CODE	DESCRIPTION
Configuration with G1/4 standard thread		
VMD2001B1	1110611100	Aluminium body, setting range from 50 to 240 bar *(725-3500 psi)*, std setting 150 bar @ 5 l/min *(2200 psi @ 1.32 US gpm)*
VMDS2001B1	1110612100	Steel body, as previous
Configuration with G3/8 standard thread		
VMD2002B1	1110621100	Aluminium body, setting range from 50 to 240 bar *(725-3500 psi)*, std setting 150 bar @ 5 l/min *(2200 psi @ 1.32 US gpm)*
VMDS2002B1	1110622100	Steel body, as previous

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

1 Direct acting pressure relief valves

TYPE	CODE	DESCRIPTION
MC08F/0G2B	0MC08002069	Screw adjustment, setting range from 50 to 240 bar *(725-3500 psi)*

Rating diagrams

VMD..20 pressure vs. flow
Standard setting @ 5 l/min *(1.32 US gpm)*

