GEMELS

VRM Series

HYDRAULIC VALVES

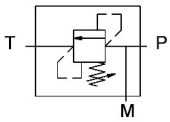
VRM

RELIEF VALVE IN MANIFOLD WITH MANOMETER PORT

Edition. 21.2

CS Carbon Steel

- Type: Relief Valve in Manifold with Manometer Port
- Sizes: DN10-DN13-DN20
- Ends: BSP-NPT-SAE
- Pressure: up to PN350
- Temp range: from -20°C to +80°C





STRUCTURE

Type and way of valve	Ends			Material
	GAS DIN/ ISO 228 BSP	NPT ANSI /ASME B1.20.1	SAE J1926-1	
VRM	G 3/8 G 1/2 G 3/4	N 3/8 N 1/2 N 3/4	SAE6 SAE8 SAE12	CS CARBON STEEL

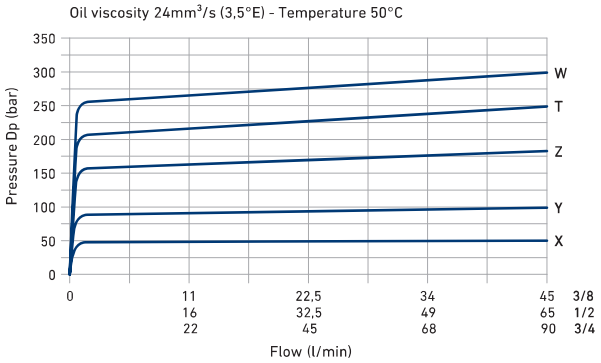


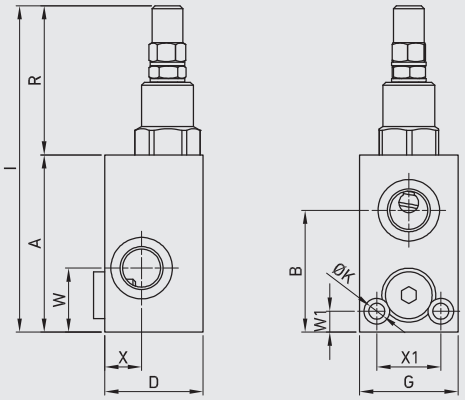
FEATURES

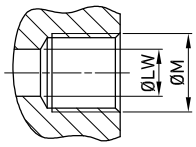
MAX. FLOW (L/MIN)	FLUID VISCOSITY	FILTRATION	FLUID TEMPERATURE	AMBIENT TEMPERATURE	STANDARD SEALS	SEALS MATERIAL	SETTING RANGE	STANDARD SETTING	ADJUSTMENT
45 (DN10)	ISO 3448	ISO4406	-20°C/80°C	-20°C/50°C	NBR 70 Shore A	NBR 70 Shore A	10-180	90	Screw with steel cap
70 (DN13)						Viton*	10-50*	30*	Tamper resistant cap*
90 (DN20)							20-100*	70*	Handknob and locknut*
							50-250*	130*	
							80-300*	150*	

*On request

PERFORMANCES



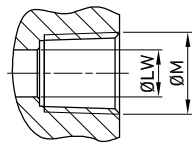




VRM DIN/ISO 228 BSP

CS Carbon Steel

TYPE	DN	PN			A	B	D	G	I	R	ØM	ØK	W	W1	X	X1	WEIGHT		ITEM CODE
VRM G 3/8	10	MPa	35	mm	72	49,5	40	40	134	62	G 1/4	6,5	26	8,5	15	26	kg	0,8	NVR2G020000
		Psi	5075	inch	2,83	1,95	1,57	1,57	5,28	2,44		0,26	1,02	0,33	0,59	1,02	lb	1,76	
VRM G 1/2	13	MPa	35	mm	77	54	45	45	139	62	G 3/8	6,5	29,5	8,5	17,5	30	kg	1	NVR2G030000
		Psi	5075	inch	3,03	2,13	1,77	1,77	5,47	2,44		0,26	1,16	0,33	0,69	1,18	lb	2,20	
VRM G 3/4	20	MPa	35	mm	92	68	50	50	154	62	G 1/2	6,5	35	10	20	32	kg	1,5	NVR2G040000
		Psi	5075	inch	3,62	2,68	1,97	1,97	6,06	2,44		0,26	1,38	0,39	0,79	1,26	lb	3,31	



VRM ANSI/ASME B1.20.1 NPT

CS Carbon Steel

TYPE	DN	PN			A	B	D	G	I	R	ØM	ØK	W	W1	X	X1	WEIGHT		ITEM CODE
VRM N 3/8	10	MPa	35	mm	72	49,5	40	40	134	62	N 1/4	6,5	26	8,5	15	26	kg	0,8	NVR2N020000
		Psi	5075	inch	2,83	1,95	1,57	1,57	5,28	2,44		0,26	1,02	0,33	0,59	1,02	lb	1,76	
VRM N 1/2	13	MPa	35	mm	77	54	45	45	139	62	N 3/8	6,5	29,5	8,5	17,5	30	kg	1	NVR2N030000
		Psi	5075	inch	3,03	2,13	1,77	1,77	5,47	2,44		0,26	1,16	0,33	0,69	1,18	lb	2,20	
VRM N 3/4	20	MPa	35	mm	92	68	50	50	154	62	N 1/2	6,5	35	10	20	32	kg	1,5	NVR2N040000
		Psi	5075	inch	3,62	2,68	1,97	1,97	6,06	2,44		0,26	1,38	0,39	0,79	1,26	lb	3,31	

The company reserves the right to operate dimensional changes without prior notice.