



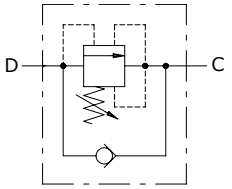
Type VDSRL/APP sequence valves

- Direct acting
- Back-pressure proof type

Port size

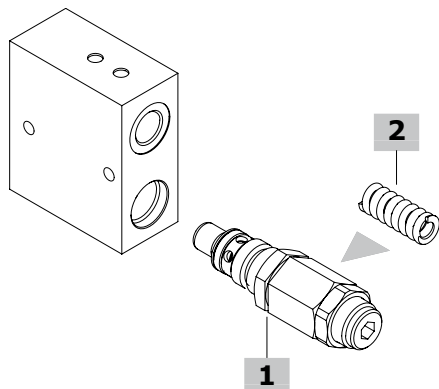
VDSRL 5-38/APP/TS.S

Type	Selection 1	Selection 2	Nominal flow	Max. pressure	ports	weight
			l/min(US gpm)	bar(psi)		Kg(lb)
VDSRL/APP 5-38	TS.S	TB/TV/TS/TR	25(6.6)	210(3050)	All G3/8	0.75(1.65)
VDSRL/APP 5-38 ac			25(6.6)	350(5100)	All G3/8	1.6(3.53)
VDSRL/APP 5-38/SAE			25(6.6)	210(3050)	All SAE8	0.75(1.65)
VDSRL/APP 5-38/SAE ac			25(6.6)	350(5100)	All SAE8	1.6(3.53)
VDSRL/APP 5-12			35(9.2)	210(3050)	All G1/2	0.78(1.72)
VDSRL/APP 5-12 ac			35(9.2)	350(5100)	All G1/2	2.17(4.78)
VDSRL/APP 10-12			50(13.2)	210(3050)	All G1/2	1.02(2.25)
VDSRL/APP 10-12 ac			50(13.2)	350(5100)	All G1/2	2.17(4.78)
VDSRL/APP 10-34			70(18.5)	210(3050)	All G3/4	1.12(2.47)
VDSRL/APP 10-34 ac			70(18.5)	350(5100)	All G3/4	2.46(5.42)
VDSRL/APP 20-34			120(31.7)	210(3050)	All G3/4	2.03(4.48)
VDSRL/APP 20-34 ac			120(31.7)	350(5100)	All G3/4	4.24(9.35)

Hydraulic diagram	Type	Execution	Operation/ Features	Max. flow up to		Max.press. up to	
				l/min	US gpm	bar	psi
	VDSRL/APP		direct acting, back-pressure proof	120	31.7	210 Alum. Body 350 Steel body	3050 Alum. Body 5100 Steel body

VDSRL/APP

Ordering codes and description



Port size

VDSRL 5-38/APP/TS.S

2

1

1

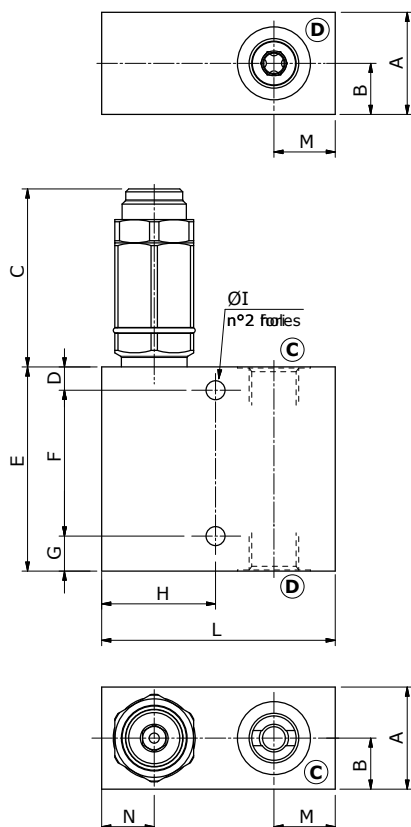
Selection 1

Type	Setting range
	bar(psi)
For G/8, G1/2 and SAE8 ports configuration	
VMP 5/APP/TS.S	50-220 (725-3200)
For G1/2 and G3/4 ports configuration	
VMP 10/APP/TS.S	50-220 (725-3200)
For G3/4 ports configuration	
VMP 20/APP/TS.S	50-220(725-3200)

Selection 2

TYPE	Setting range
	bar(psi)
For VMP 5/APP and VMP 10/APP valves	
TB	5-50(72.5-725)
TV	20-100(290-1450)
TS	50-220(725-3200)
TR	100-350(1450-5100)
For VMP 20/APP valve	
TB	5-50(72.5-725)
TV	20-100(290-1450)
TS	50-220(725-3200)
TR	100-350(1450-5100)

Dimensions



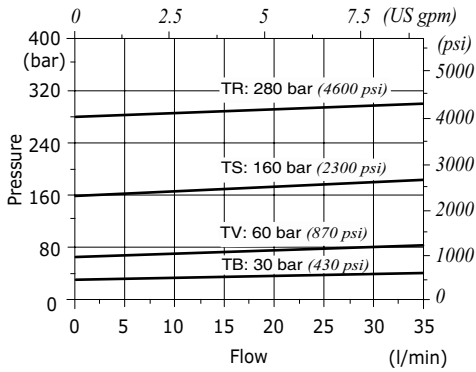
Dimensions are in mm-in

Valve type		A	B	C	D	E
VDSRL/APP 5-38 VDSRL/APP 5-38/SAE		35-1.38	17.5-0.69	62-2.44	8-0.31	70-2.75
VDSRL/APP 5-12		35-1.38	17.5-0.69	62-2.44	8-0.31	75-2.95
VDSRL/APP 10-12		40-1.57	20-0.79	62-2.44	8-0.31	80-3.15
VDSRL/APP 10-34		40-1.57	20-0.79	62-2.44	8-0.31	90-3.54
VDSRL/APP 20-34		50-1.97	25-0.98	82-3.23	8-0.31	100-3.94
F	G	H	L	M	ØI	N
50-1.97	12-0.47	39-1.53	80-3.15	21-0.83	6.5-0.25	18-0.71
55-2.16	12-0.47	39-1.53	80-3.15	21-0.83	8.5-0.33	18-0.71
60-2.36	12-0.47	44-1.73	90-3.54	24-0.94	8.5-0.33	20-0.79
70-2.75	12-0.47	44-1.73	95-3.74	27-1.10	8.5-0.33	20-0.79
80-3.15	12-0.47	53-2.09	110-4.33	32-1.26	8.5-0.33	25-0.98

Rating diagrams

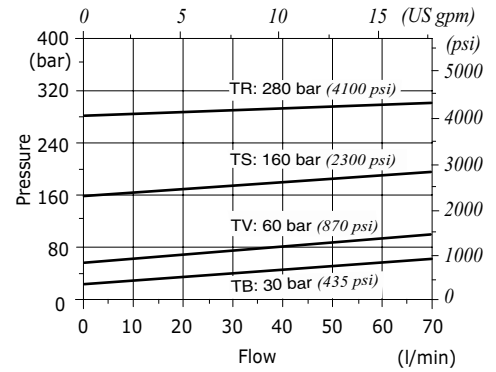
VDSRL 5 (38-12)/APP pressure vs. flow

Std. setting at 5 l/min (1.32 US gpm)



VDSRL 10 (12-34)/APP pressure vs. flow

Std. setting at 5 l/min (1.32 US gpm)



VDSRL 20-34/APP pressure vs. flow

Std. setting at 5 l/min (1.32 US gpm)

