

Type VRCL/KD regenerative valves

- Regenerative

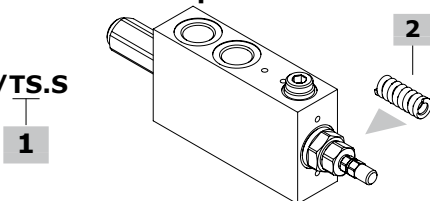
Port size
VRCL/KD 38/TS.S

Type	Selection 1	Selection 2	Nominal flow	Max. pressure	ports	weight
			l/min(US gpm)	bar(psi)		Kg(lb)
VRCL/KD 38	TB/TS/TR /TV	-	30(7.9)	350(5100)	All G3/8	3.65(8.05)
VRCL/KD 12			50(13.2)	350(5100)	All G1/2	3.55(7.83)
VRCL/KD 34			90(23.8)	350(5100)	All G3/4	5.50(12.12)
VRCL/KD 100			150(39.6)	350(5100)	All G1"	10.12(22.31)

Hydraulic diagram	Type	Execution	Operation/ Features	Max. flow up to		Max.press. up to	
				l/min	US gpm	bar	psi
	VRCL/KD		regenerative	150	39.6	350 steel body	5100 steel body

Ordering codes and description

Port size
VRCL/KD 38/TS.S

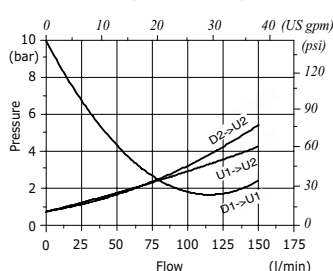


Selection 1

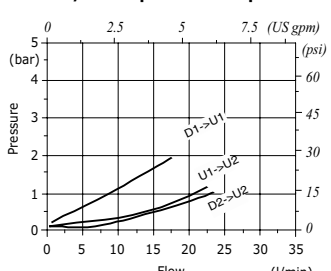
TYPE	Setting range
For VRCL/KD 38 and VRCL/KD 12 valves	
TB	5-80 bar (72.5-725 psi)
TS	50-220 bar (725-3200 psi)
TR	180-350 bar (2600-5100 psi)
For VRCL/KD 38 and VRCL/KD 12 valves	
TV	5-50 bar (72.5-1150 psi)
TS	20-220 bar (290-3200 psi)
TR	180-350 bar (2600-5100 psi)

Dimensions

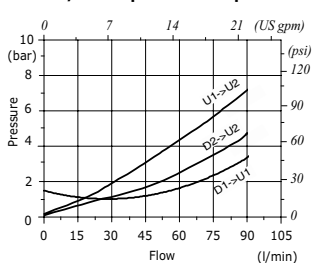
VRCL/KD 100 pressure drop vs. flow



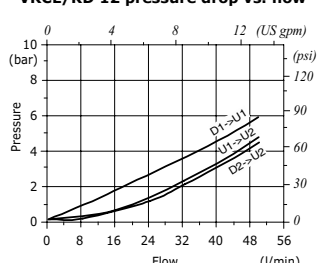
VRCL/KD 38 pressure drop vs. flow



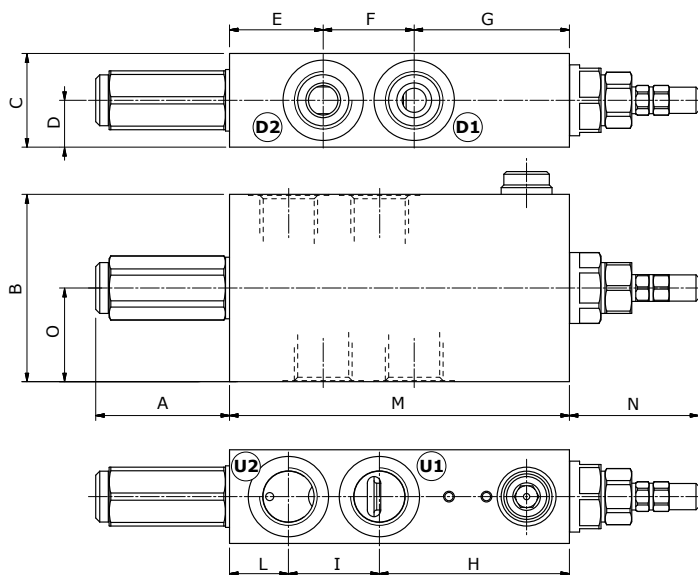
VRCL/KD 34 pressure drop vs. flow



VRCL/KD 12 pressure drop vs. flow

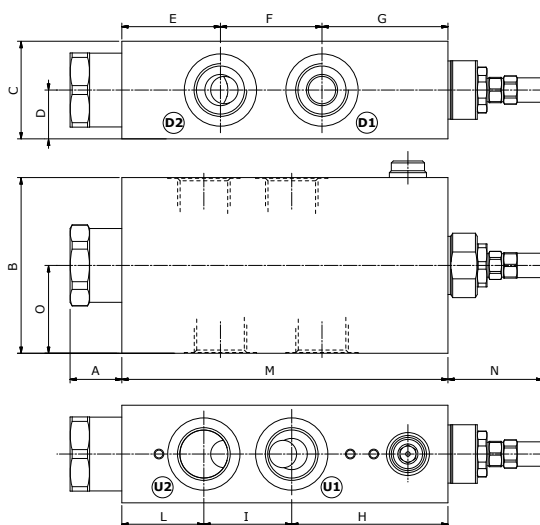


Dimensions



Dimensions are in mm-in

Valve Type	A	B	C	D	E	F	G	H	I	L	M	N	O
VRCL/KD 38	50-1.97	70-2.75	35-1.38	17.5-0.69	35-1.38	34-1.34	58-2.28	71-2.79	34-1.34	22-0.87	127-5	48.5-1.91	35-1.38
VRCL/KD 12	50-1.97	70-2.75	35-1.38	17.5-0.69	35-1.38	34-1.34	58-2.28	71-2.79	34-1.34	22-0.87	127-5	48.5-1.91	35-1.38



Dimensions are in mm-in

Valve Type	A	B	C	D	E	F	G	H	I	L	M	N	O
VRCL/KD 34	27-1.06	90-3.54	50-1.97	25-0.98	50.5-1.99	52-2.05	64.5-2.54	80-3.15	45-1.77	42-1.65	167-6.57	48.5-1.91	45-1.77
VRCL/KD 100	26-1.02	100-3.94	60-2.36	30-1.18	77-3.03	68-2.68	90-3.54	111.5-4.39	57-2.24	66.5-2.62	235-9.25	43-1.69	50-1.97