Flow Control Inserts & Cartridges



Fixed Compensated Flow Control Cartridge — Type VCC / VSC

VCC / VSC Fixed Compensated Load Control Valves keep the load descent constant despite changes in working pressure or load value.





Cartridge	bsp	Max Flow l/min	Max Pressure bar
VCC-140	1/4”	12	250
VCC-380	3/8”	18	250
VSC-120	1/2”	47	210

Housing Size bsp	Male x Female Body Part No:	Female x Female Body Part No:
1/4”	61100160	61100159
3/8”	61100162	61100161
1/2”	61100033	61100163

VCC140 Part Number	Controlled Flow at 100 bar +/- 10%
VCC140-1	1
VCC140-2	2
VCC140-3	3
VCC140-4	4
VCC140-5	5
VCC140-6	6
VCC140-7	7
VCC140-8	8
VCC140-9	9
VCC140-10	10
VCC140-11	11
VCC140-12	12

VCC380 Part Number	Controlled Flow at 100 bar +/- 10%
VCC380-1	1
VCC380-2	2
VCC380-3	3
VCC380-4	4
VCC380-5	5
VCC380-6	6
VCC380-7	7
VCC380-8	8
VCC380-9	9
VCC380-10	10
VCC380-11	11
VCC380-12	12
VCC380-16	16
VCC380-18	18

VSC120 Part Number	Controlled Flow at 100bar +/- 10%
VSC120-9	9
VSC120-12	12
VSC120-17	17
VSC120-21	21
VSC120-27	27
VSC120-32	32
VSC120-40	40
VSC120-47	47

Adjustable Compensated Flow Control Cartridge — Type VRD

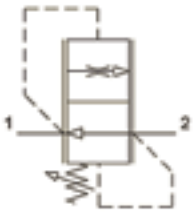
Adjustable compensated Load control cartridges keep the load descent constant despite changes in working pressure or load value. Adjustment is only permissible within the setting range.



Flow Setting	bsp	Max Flow l/min	Max Pressure bar	A l/min	B l/min	C l/min	D l/min	E l/min	F l/min
VRD-140	1/4”	15	300	0.8/7	1.5-9.5	2.3-14	4-18.5	6-26	8-37
VRD-380	3/8”	35	300	4-7	6.5-9.5	8-14	13-18.5	17.5-26	25-37
VRD-120	1/2”	65	300	12.5-21	20-29.5	27-39	37-49	49-66	——
VRD-340	3/4”	150	300	38-52	45-66	66-90	70-110	115-150	——

Housing Size bsp	Male x Female Body Part No:	Female x Female Body Part No:
1/4”	61100057	61100051
3/8”	61100058	61100052
1/2”	61100059	61100053
3/4”	61100060	61100054

Ordering Code :-	BSP	Flow Setting	/ Body (If required)
VRD	380	C	/ 61100058



One Way Embedded Restrictor — Type VS





Part Number	Restriction Type	bsp	Max Flow l/min	Max Pressure bar
VS3802T	2 Gaps	3/8”	35	500
VS3804T	4 Gaps	3/8”	35	500

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