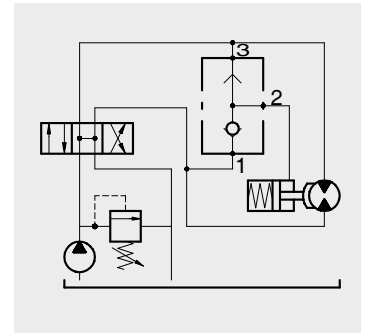


Operation

Oil flow is produced from 1 to 2 or 3 to 2 with priority to the way with the bigger pressure.



Performance

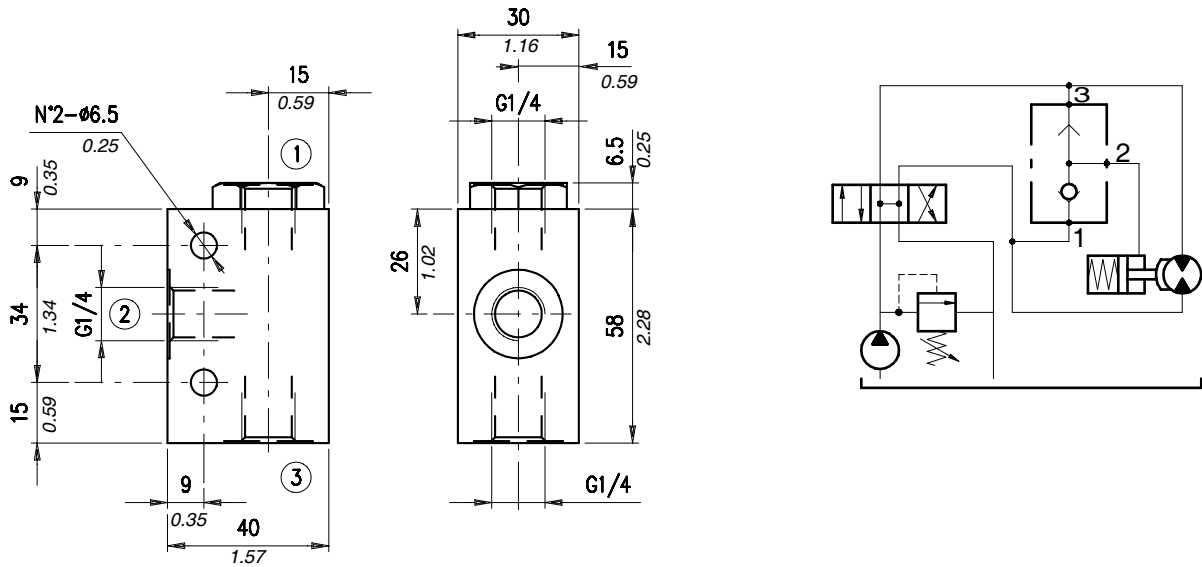
Body Valves

Type VBD	Maximum flow		Maximum pressure		Weight	
	l/min	US gpm	bar	psi	kg	lb
VT 14	20	5.3	400	5800	0,48	1.06
VT 38 (12)	(38) 35 (12) 50	9.2 13			(38) 0,84 (12) 1,35	1.85 2.98
VT 34 (100)	(34) 100 (100) 150	26 40			(34) 1,95 (100) 3,12	4.30 6.88

Cartridges

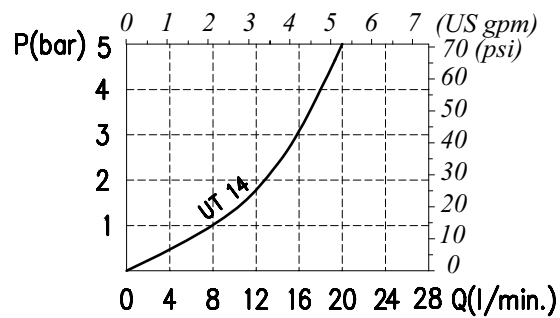
Type UT..A	Maximum flow		Maximum pressure		Weight		Cavities and tools
	l/min	US gpm	bar	psi	kg	lb	
UT08A	15	4	350	5075	0,08	0.176	see cavity SAE 8-3 page 105
UT10A	20	5.3			0,1	0.220	see cavity SAE 10-3 page 105

Dimensions and hydraulic circuit



Rating diagrams

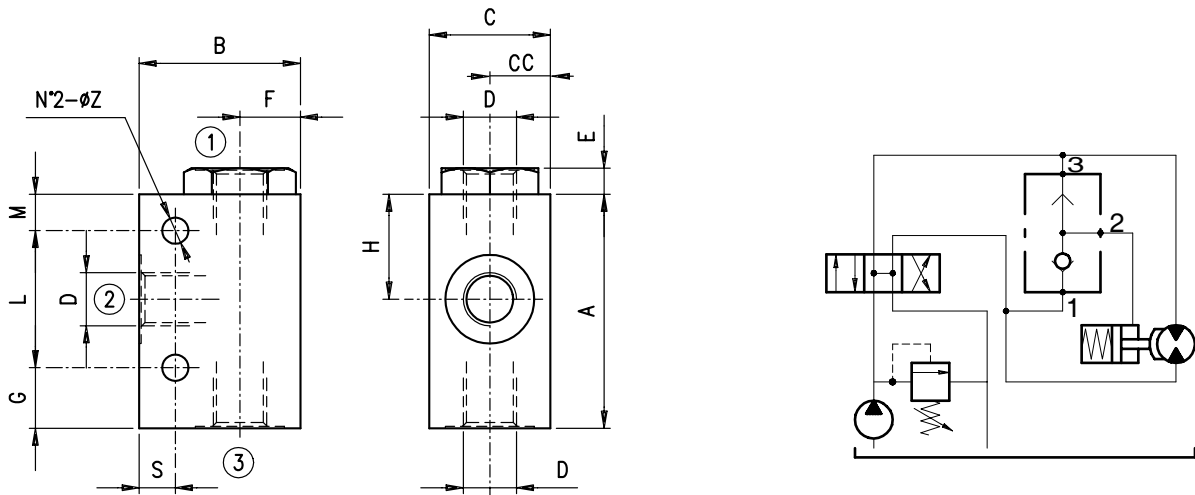
Typical pressure drop vs. flow characteristic



Order code

VT 14 /ac

Dimensions and hydraulic circuit

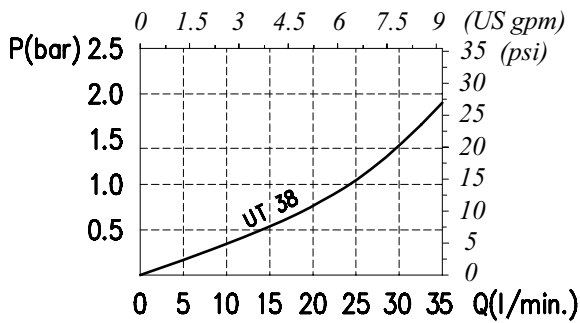


VT	A	B	C	CC	D	E	F	G	H	L	M	S	Z
38	70 - 2.75	50 - 1.97	35 - 1.38	175 - 0.71	G 3/8	6.5 - 0.25	19 - 0.75	16 - 0.63	31.5 - 1.24	45 - 1.77	9 - 0.35	9 - 0.35	6.5 - 0.25
12	80 - 3.15	60 - 2.36	42 - 1.65	21 - 0.83	G 1/2	8 - 0.31	23 - 0.90	18 - 0.71	36 - 1.42	52 - 2.05	10 - 0.39	10 - 0.39	8.5 - 0.33

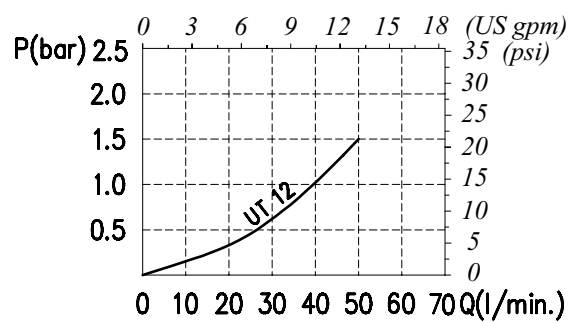
dimensions are in mm-in

Rating diagrams

Typical pressure drop vs. flow characteristic (38)



Typical pressure drop vs. flow characteristic (12)



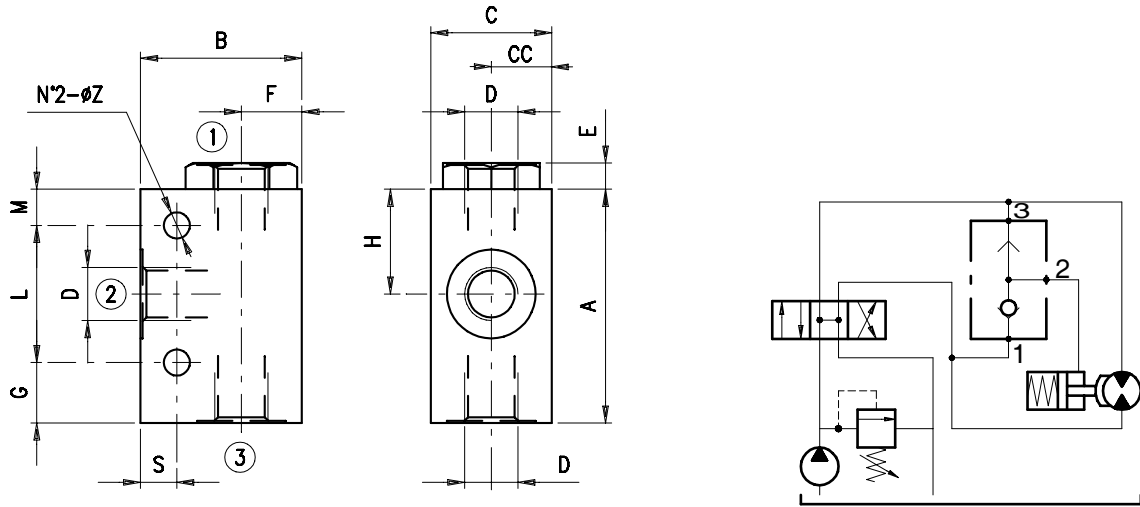
Order code

VT □□ /ac

Port size

- 38) G 3/8
- 12) G 1/2

Dimensions and hydraulic circuit

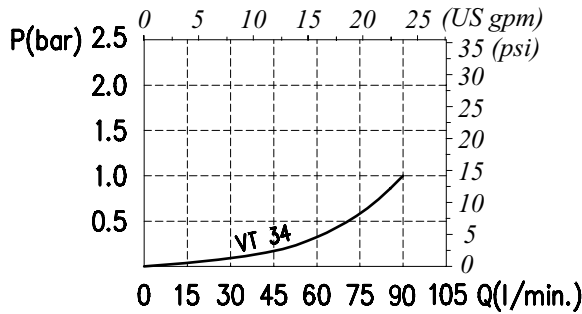


VT	A	B	C	CC	D	E	F	G	H	L	M	S	Z
34	90 - 3.54	68 - 2.68	50 - 1.97	25 - 0.98	G 3/4	8.5 - 0.33	26 - 1.02	19 - 0.75	41 - 1.61	60 - 2.36	11 - 0.43	11 - 0.43	8.5 - 0.33
100	100 - 3.94	82 - 3.23	60 - 2.36	30 - 1.18	G 1"	10 - 0.39	32 - 1.26	22 - 0.87	45 - 1.77	66 - 2.60	12 - 0.47	11 - 0.43	10.5 - 0.41

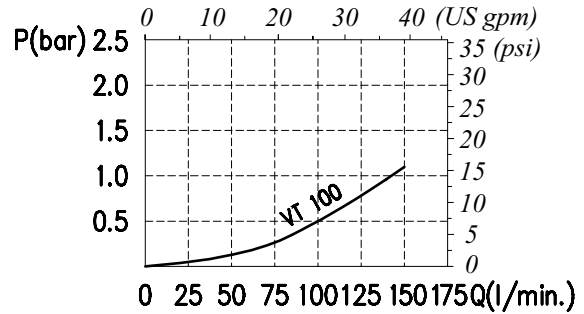
dimensions are in mm-in

Rating diagrams

Typical pressure drop vs. flow characteristic (34)



Typical pressure drop vs. flow characteristic (100)



Order code

VT □□ /ac

Port size

34) G 3/4
100) G 1