



Type VUI

- Poppet type

- Poppet type

VUI 38/Pa0,5

Type	Selection 1	Selection 2	Nominal flow	Max. pressure	ports	weight
			l/min(US gpm)	bar(psi)		Kg(lb)
VUI 38	Pa0,5 /Pa5	-	25(6.6)	400(5800)	M20x1.5	0.08(0.18)
VUI 38/HF			40(10.6)	300(4350)	M22x1.5	0.075(0.16)
VUI 12			40(10.6)	400(5800)	M26x1.5	0.15(0.33)
VUI 34			100(26.4)	400(5800)	M33x2	0.30(0.66)
VUI 100			160(42.3)	400(5800)	M42x2	0.54(1.19)

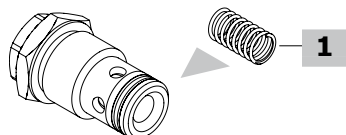
Hydraulic diagram	Type	Execution	Operation/ Features	Max. flow up to		Max.press. up to	
				l/min	US gpm	bar	psi
	VUI	poppet type		160	42.3	400	5800

Ordering codes and description

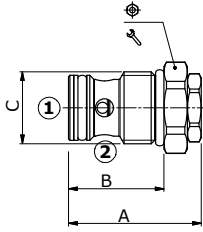
Selection 1

VUI 38/Pa0,5

1

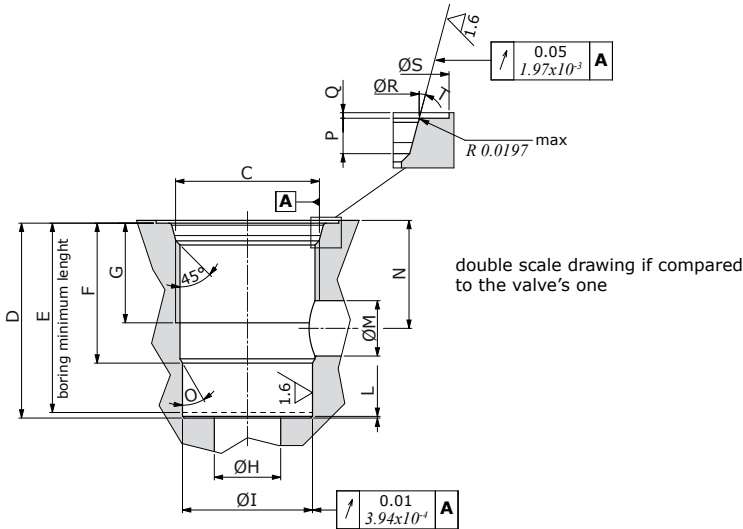


Type	Setting range
	bar(psi)
For VUI 38 valve	
Pa0,5	0.5(7.25)
Pa5	5(72.5)
For VUI 38 HF valve	
Pa0,5	0.5 bar (7.25 psi)
For VUI 12 valve	
Pa0,5	0.5(7.25)
Pa5	5(72.5)
For VUI 34 valve	
Pa0,5	0.5(7.25)
Pa5	5(72.5)
For VUI 100 valve	
Pa0,5	0.5(7.25)
Pa5	5(72.5)

VUI
Dimensions


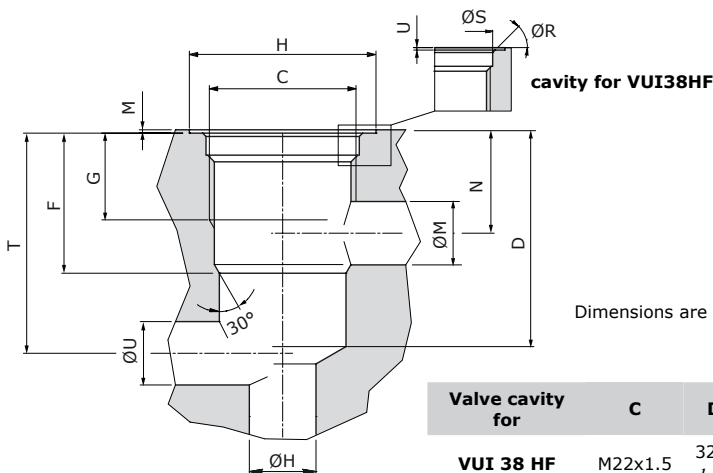
Dimensions are in mm-in

Valve type	A	B	C	$\varnothing S$	Nm-lbft
VUI 38	42-1.65	27-1.06	M20x1.5	24	40-29
VUI 38/HF	34.5 - 1.36	28 - 1.10	M22x1.5	27	50-37
VUI 12	48-1.89	34.5-1.36	M26x1.5	30	60-44
VUI 34	68-2.68	51-2.01	M33x2	38	70-51
VUI 100	75-2.95	54.5-2.14	M42x2	46	80-59



Dimensions are in mm-in

Valve cavity for	C	D	E	F	G	$\varnothing H$	$\varnothing I$	L	$\varnothing M$	N	O	P	Q	$\varnothing R$	$\varnothing S$
VUI 38	M20x1.5	29.5 1.16	28 1.10	20.5 0.81	16 0.63	10 0.39	16 H9 0.630 H9	/	7 0.275	16 0.63	30°	3 0.118	0.5 0.020	21 0.83	30 1.18
VUI 12	M26x1.5	35.2 1.39	34.2 1.35	25.3 0.996	18 0.71	12 0.47	23.5 H9 0.925 H9	0.3x45° 0.012x45°	10 0.39	19.5 0.77	30°	3.2 0.126	0.5 0.020	27.6 1.09	33 1.30
VUI 34	M33x2	52.5 2.07	51.5 2.03	39 1.54	28 1.10	20 0.79	27 H9 1.063 H9	0.5x45° 0.020x45	15 0.59	29.5 1.16	20°	3.2 0.126	0.5 0.020	34 1.35	40 1.57
VUI 100	75-2.95	57 2.24	55 2.17	41 1.61	29 1.14	28 1.10	38 H9 1.496 H9	1.5x45° 0.059x45	18 0.71	30 1.18	30°	4.5 0.177	0.5 0.020	43.5 1.71	50 1.97

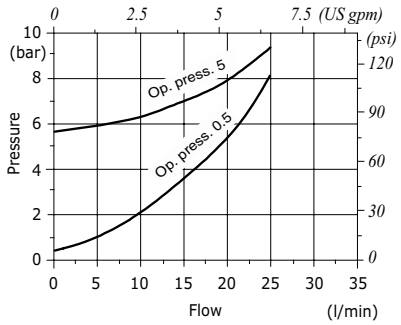


Dimensions are in mm-in

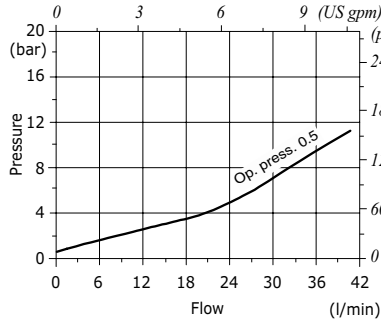
Valve cavity for	C	D	F	G	$\varnothing H$	$\varnothing M$	N	T	$\varnothing U$
VUI 38 HF	M22x1.5	32.5 1.28	21 0.83	15 0.59	max. 18 max. 0.71	max. 9 max. 0.35	15.5 0.61	33 1.30	9.5 0.37

Rating diagrams

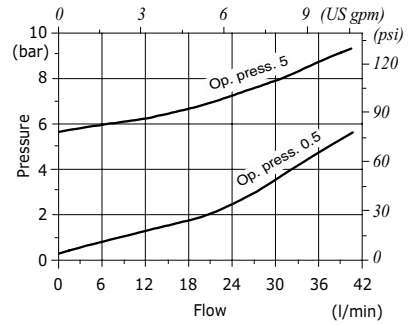
VUI 38 pressure drop vs. flow



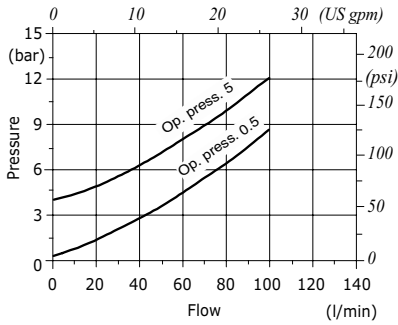
VUI 38 HF pressure drop vs. flow



VUI 12 pressure drop vs. flow



VUI 34 pressure drop vs. flow



VUI 100 pressure drop vs. flow

