



Stainless Steel Meter Ring Station Fig. VA2000

Features

VA2000 is stainless steel orifice plate having a square edged entrance. The two stainless steel extension tubes are fitted with pressure test valves. Accuracy of flow measurement at normal velocities is $\pm 3\%$

Dimensions

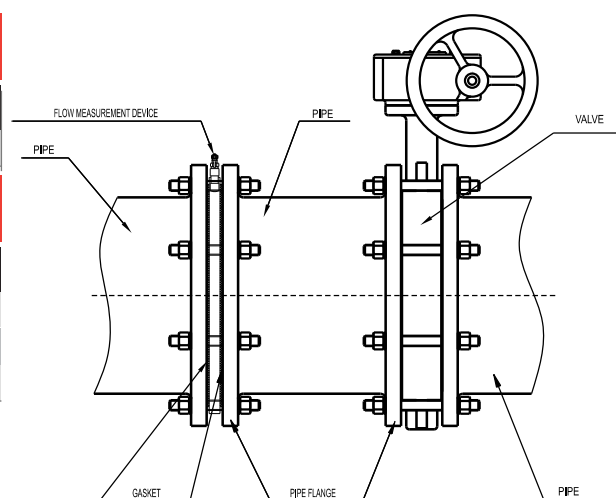
Temperature °C	-100 to 100	110	120
Pressure (Bar)	PN 16 / PN 25	PN 16 / PN 25	PN 16 / PN 25

Materials

Part	Material
Orifice and Carrier	Stainless Steel
Extension tubes	Stainless Steel
Pressure test valves	Brass

Dimensions

DN		Face-to-face A mm	Center-to-top B mm	Outside diameter C mm		Floww KV	Headloss K	KVS
				PN 16	PN 25			
2-1/2	65	18	112	127	127	151	1.6	104
3	80	18	118	142	142	203	1.4	116
4	100	18	125	162	168	351	1.4	213
5	125	18	135	192	194	550	1.3	333
6	150	18	145	218	224	765	1.7	476
8	200	18	165	273	284	1354	1.8	768
10	250	18	185	329	340	2103	1.8	1153
12	300	18	205	384	400	3009	1.4	1743
14	350	21	222	444	457	2734	2.5	1875
16	400	21	240	495	514	3507	2.5	2582
18	450	21	261	555	564	4543	2.5	3270
20	500	21	283	617	624	5603	2.5	4079
24	600	25	325	734	731	8111	2.5	4938



Installation

VA2000 can be mounted between valve and/or pipe flanges to BS EN 1092-2 having PN10, PN16 or PN25 ratings. The outside diameter ensure a proper alignment when installed between PN10/16 flanges and PN25 flanges up to 80mm size. When assembling between PN25 flanges size 100 mm and larger, ensure the device has been correctly centred with the mating flanges.

Application

VA2000 can be used as a single unit or close coupled to other regulating or isolating valves to provide accurate flow measurement.

Notes

Designs, materials and specifications shown are subject to change without notice due to the continuous development of our products.