

MEASUREMENT ORIFICE PLATE

PN16 F60P
PN25 F60P



FEATURES & SPECIFICATIONS

- Stainless steel wafer design orifice plate suitable for BS4504 PN16 / BS4504 PN25 / EN1092-2 PN16 / EN1092-2 PN25 flange connection
- Complete with extension tubes and fitted with pressure test plugs
- Accuracy of flow measurement at normal velocities is +/-5%



PRESSURE & TEMPERATURE RATINGS

Working Pressure	16bar / 25bar
Working Temperature	-10°C ... 120°C

MATERIAL SPECIFICATIONS

Part	Material
Orifice Plate	Stainless Steel
Extension Tubes	Stainless Steel
Pressure Test Plugs	Brass

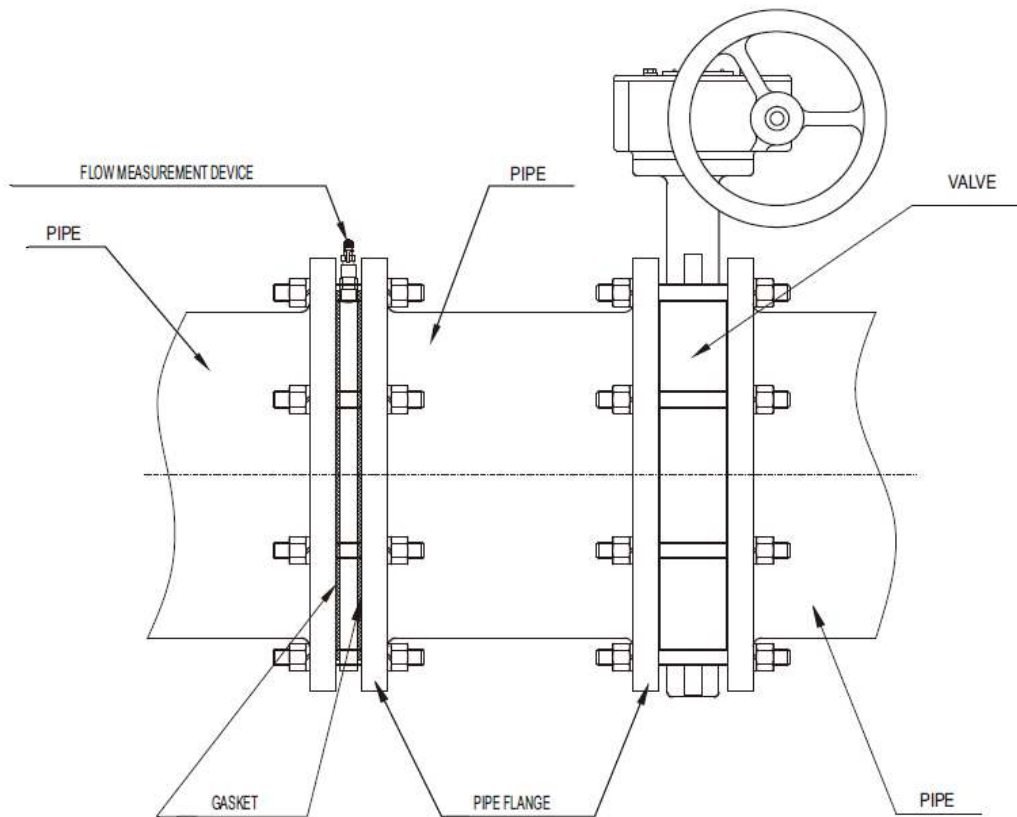


DIMENSIONS

mm	DN inch	Face-to-face A (mm)	Centre-to-top B (mm)	Outside Diameter C (mm)		Headloss (K)	Flow Coefficient (Kvs)
				PN16	PN25		
65	2½	18	112	127	127	1.6	104
80	3	18	118	142	142	1.4	116
100	4	18	125	162	168	1.4	213
125	5	18	135	192	194	1.3	333
150	6	18	145	218	224	1.7	476
200	8	18	165	273	284	1.8	768
250	10	18	185	329	340	1.8	1153
300	12	18	205	384	400	1.4	1743
350	14	21	222	444	457	2.5	1875
400	16	21	240	495	514	2.5	2582
450	18	21	261	555	564	2.5	3270
500	20	21	283	617	624	2.5	4079
600	24	25	325	734	731	2.5	4938

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PN16 F6OP
PN25 F6OP



INSTALLATION

The F6OP can be mounted between valve and / or pipe flanges to BS 4504 / BS EN 1092-2 having PN16 or PN25 ratings. The outside diameter ensures a proper alignment when installed between PN16 flanges and PN25 flanges up to 80mm size. When assembling between PN25 flanges sizes 100mm and larger, ensure the device has been correctly centered with the mating flanges.

APPLICATION

F6OP can be used as a single unit or close coupled to other regulating or isolating valves to provide accurate flow measurement.