

Double Flow Measurement Device

Fig. 1200-SSW



Specification

1200 is a 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/Coefficients:

Temperature °C	-10 to 100	110	120
Pressure(Bar)	25	25	25

Materials:

Part	Material
Orifice and carrier	Stainless steel
Extension tubes	Stainless steel
Pressure test valves	Brass

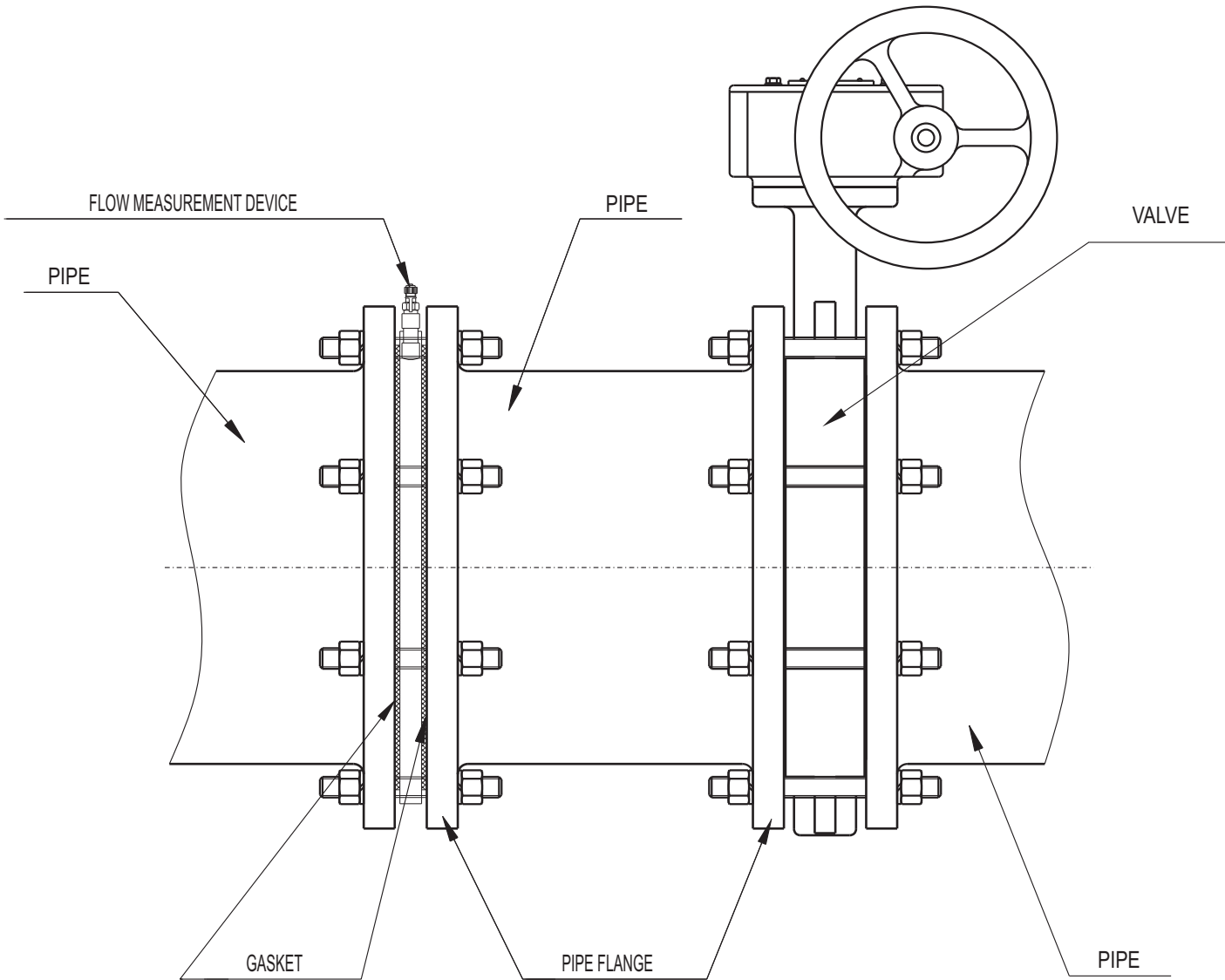
1200 flow measurement devices are suitable for use with PN10, PN16, or PN25 flanges or flanged valves having ratings detailed in the appropriate flange or valve product standard. When normally fitted with pressure test valves, the 1200 is limited to 120°C max. For use at temperatures above 120°C suitable alternative pressure test valves should be fitted.

Dimensions/Coefficients:

DN	Face-to-face A mm	Centre-to-top B mm	Outside diameter C mm		Flow Kv	Headloss K	Kvs
			PN16	PN25			
2-1/2	65	18	127	127	151	1.6	104
3	80	18	142	142	203	1.4	116
4	100	18	162	168	351	1.4	213
5	125	18	192	194	550	1.3	333
6	150	18	218	224	765	1.7	476
8	200	18	273	284	1354	1.8	768
10	250	18	329	340	2103	1.8	1153
12	300	18	384	400	3009	1.4	1743
14	350	21	444	457	2734	2.5	1875
16	400	21	495	514	3507	2.5	2582
18	450	21	555	564	4543	2.5	3270
20	500	21	617	624	5603	2.5	4079
24	600	25	734	731	8111	2.5	4938

Larger sizes and other flange mounting available on application .

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Installation

The 1200-SSW can be mounted between valve and/or pipe flanges to BS EN 1092-2 having PN10, PN16 or PN25 ratings. The outside diameter ensures a proper alignment when installed between PN10/16 flanges and PN25 flanges up to 80mm size. When assembling between PN25 flanges sizes 100mm and larger, ensure the device has been correctly centred with the mating flanges.

Application

1200-SSW can be used as a single unit or close coupled to other regulating or isolating valves to provide accurate flow measurement.