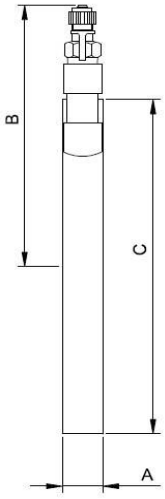
HERZ - Double flow measurement device

Issue 0817

Dimensions in mm





DN		Order #	A	B	C PN16	C PN25	Flow kv	Headloss K	Kvs
2-1/2	65	5400041	18	112	127	127	151	1.6	88
3	80	5400042	18	118	142	142	224	1.4	122
4	100	5400043	18	125	162	168	368	1.4	218
5	125	5400044	18	135	192	194	556	1.3	340
6	150	5400045	18	145	218	224	790	1.7	468
8	200	5400046	18	165	273	284	1386	1.8	798
10	250	5400047	18	185	329	340	2120	1.8	1220
12	300	5400048	18	205	384	400	3116	1.4	1800
14	350	5400049	21	222	444	457	2748	2.5	1782
16	400	5400050	21	240	495	514	3560	2.5	2328
18	450	5400051	21	261	555	564	4571	2.5	2970
20	500	5400052	21	283	617	624	5676	2.5	3692
24	600	5400053	25	325	734	731	8223	2.5	4480

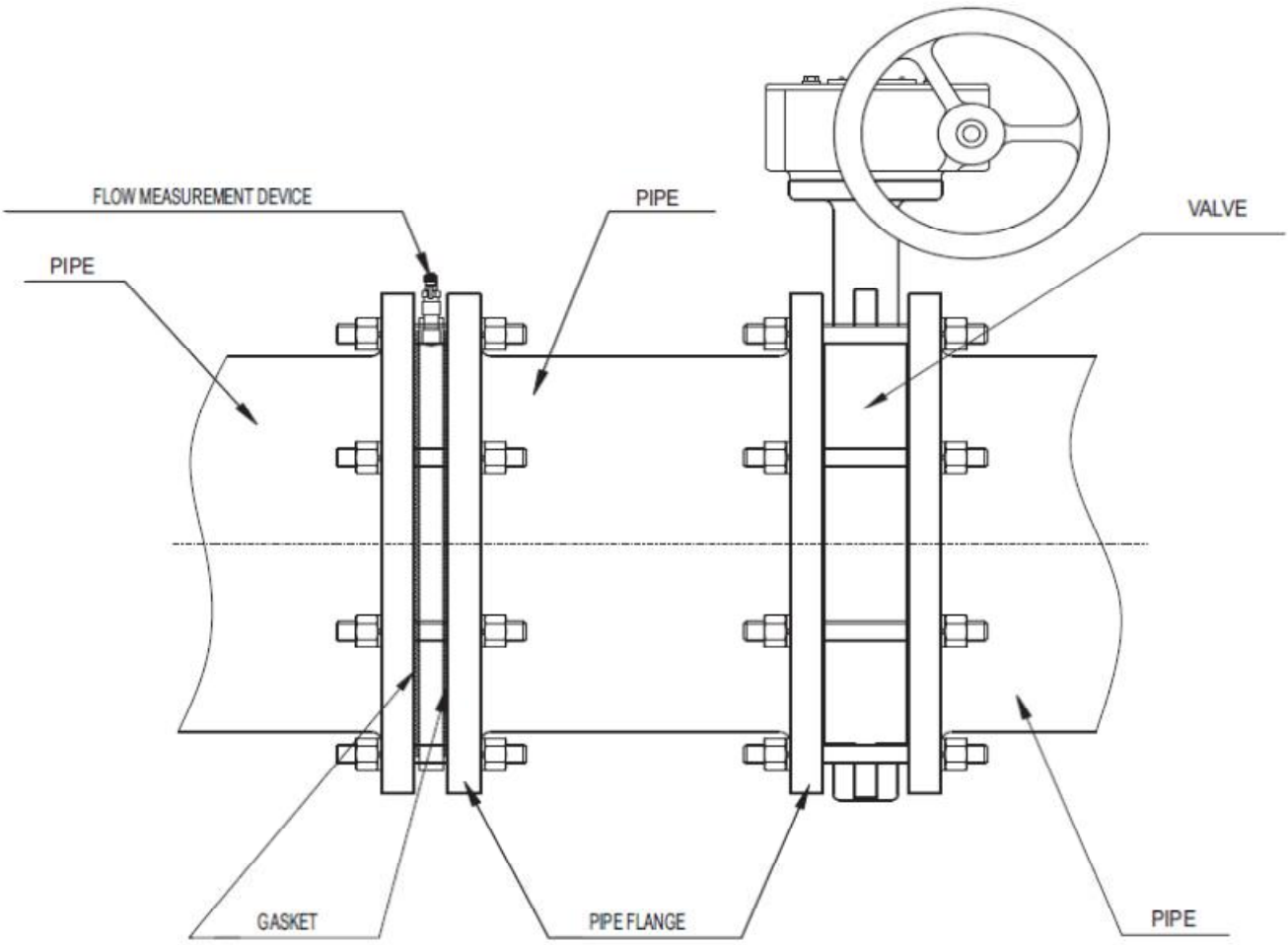
Technical data

Temperature	-10°C to 100°C	110°C	120°C
Pressure	25bar	25bar	25bar

Material specification

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

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 flow measurement device is limited to 120°C max. For use at temperatures above 120°C suitable alternative pressure test valves should be fitted.



Installation

The double flow measurement device 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

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