

HERZ - Double flow measurement device

Standard sheet 4000, Issue 0122

☑ Dimensions in mm



Size		Model		A	B	C		Flow Kv	Headloss K	Kvs
In	mm	PN16	PN25			PN16	PN25			
2 1/2	65	1 4000 31	5 4000 41	18	112	127	127	151	1.6	88
3	80	1 4000 32	5 4000 42	18	118	142	142	224	1.4	122
4	100	1 4000 33	5 4000 43	18	125	162	168	368	1.4	218
5	125	1 4000 34	5 4000 44	18	135	192	194	556	1.3	340
6	150	1 4000 35	5 4000 45	18	145	218	224	790	1.7	468
8	200	1 4000 36	5 4000 46	18	165	273	284	1386	1.8	798
10	250	1 4000 37	5 4000 47	18	185	329	340	2120	1.8	1220
12	300	1 4000 38	5 4000 48	18	205	384	400	3116	1.4	1800
14	350	1 4000 39	5 4000 49	21	222	444	457	2748	2.5	1782
16	400	1 4000 40	5 4000 50	21	240	495	514	3560	2.5	2328
18	450	1 4000 41	5 4000 51	21	261	555	564	4571	2.5	2970
20	500	1 4000 42	5 4000 52	21	283	617	624	5676	2.5	3692
24	600	1 4000 43	5 4000 53	25	325	734	731	8223	2.5	4480

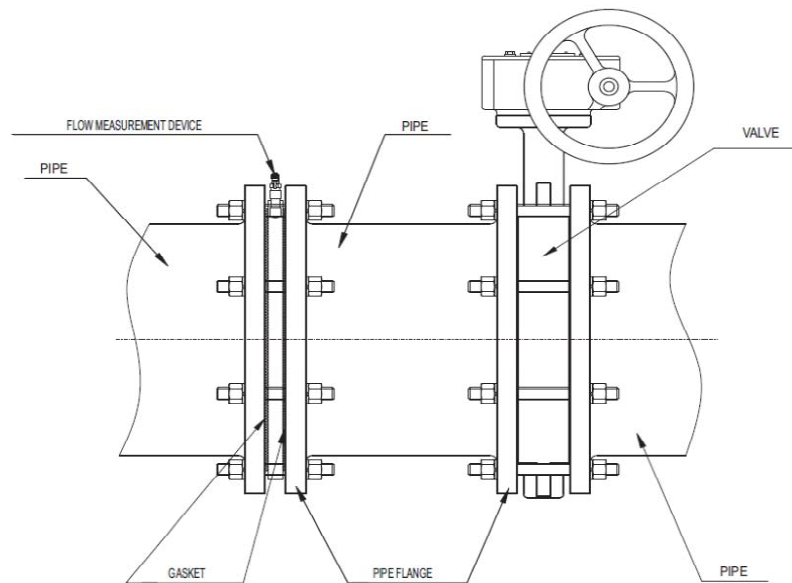
☑ Technical data

Temperature	min: -10°C	max: 110°C	120°C
Pressure		16bar	25bar

☑ Material

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 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 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.