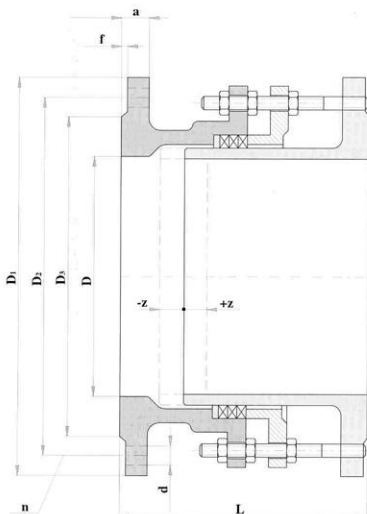


Installation insert

M 20 010-616

PN 16



Installation

The installation insert can be installed in horizontal or vertical pipe-line. When installed vertically the moveable part should be uppermost.

Application

Remote adjustable fitting used to facilitate installation and removal of valves, or to compensate for inaccuracies in the length of pipe-line being installed. For use with non-aggressive liquids, water, vapors and gases, for service pressures and temperatures:

Temperature [°C]	Pressure [MPa]
120	1,60
150	1,44
180	1,34
200	1,28

The installation insert must not be used to compensate for pipeline expansion. An expansion joint should be used for this purpose.

Technical description

A moveable part is inserted into the cast iron body. Gland packing around the body provides the seal. The face-to-face dimensions can be set using stay bolts.

Connecting and face-to-face dimensions

Face-to-face dimensions are given in the table below.

Flange connecting dimensions as per DIN 2501.

Flange faces as per DIN 2526, Form C.

Material

Body, moveable part grey cast iron
 Packing bonnet grey cast iron
 Stay bolts carbon steel
 Gland packing asbestos-free fibre

Testing

The installation insert is tested as per DIN 3230-3, ČSN 13 3060, part 2.

DN	D	D ₁	D ₂	D ₃	L	z	a	f	n	d	kg
40	40	150	110	88	160	5	18	3	4	18	11
50	50	165	125	102	165	5	20	3	4	18	13
65	70	185	145	122	175	7	20	3	4	18	19
80	80	200	160	133	180	8	22	3	8	18	23
100	100	220	180	158	200	10	24	3	8	18	26
125	125	250	210	184	205	10	26	3	8	18	34
150	150	285	240	212	210	10	26	3	8	22	44
200	200	340	295	268	225	10	30	3	12	22	58
250	250	405	355	320	250	15	30	3	12	26	83
300	300	460	410	370	300	15	32	4	12	26	103
350	350	520	470	430	325	15	36	4	16	26	176
400	400	580	525	482	350	20	38	4	16	30	213
500	500	715	650	585	400	20	42	4	20	33	353
600	600	840	770	685	450	20	48	5	20	36	486
700	700	910	840	800	500	25	54	5	24	36	614
800	800	1025	950	905	500	25	58	5	24	39	760
1000	1000	1255	1170	1110	550	30	66	5	28	42	1363