

708

INDEX NO.

REDUCING DISMANTLING JOINT WM4-R



APPLICATION

Intended for diameter reduction, pipeline length adjustment, when assembling and disassembling fittings, and alleviation of piping stress compensation for movement. Waterworks, wastewater and other systems for liquids chemically neutral.

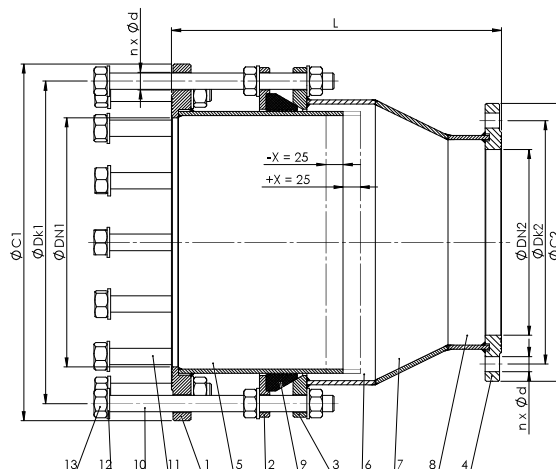
DESIGN FEATURES

- diameter range DN250-2000
- adjustment range:
 - standard ± 25 mm
 - optional ± 50 mm
- corrosion protection:
 - epoxy coating
 - optional: hot-dip galvanized
- EPDM gasket for potable water or NBR gasket for wastewater
- threaded galvanized pins, optional: hot-dip galvanized, stainless steel, acidresistant steel
- possibility to design and produce a joint according to individual customer needs: nonstandard height, made of different materials, e.g. stainless steel
- four-flange solution with a sealing flange
- possibility of making reduction between any two flanges

TECHNICAL DATA / STANDARDS

- material acc. PN-EN 10020
- seal:
 - NBR: PN-EN 681-1
 - EPDM: WRAS, BS 6920-2, ACS
- flange drilled acc. PN-EN 1092
- nominal pressure:
 - PN10: DN250-2000
 - PN16: DN250-1200
- temperature range:
 - EPDM: -10°C / $+60^{\circ}\text{C}$
 - NBR: -20°C / $+80^{\circ}\text{C}$

No.	Name	Material	Standard
1	Connection flange I	S235JR / 0H18N9 / 0H17N12M2	PN-EN 1092
2	Clamping flange I	S235JR / 0H18N9 / 0H17N12M2	PN-EN 10020
3	Clamping flange II	S235JR / 0H18N9 / 0H17N12M2	PN-EN 10020
4	Connection flange II	S235JR / 0H18N9 / 0H17N12M2	PN-EN 1092
5	Body I	S235JR / 0H18N9 / 0H17N12M2	PN-EN 10020
6	Body II	S235JR / 0H18N9 / 0H17N12M2	PN-EN 10020
7	Stepped segment	S235JR / 0H18N9 / 0H17N12M2	PN-EN 10020
8	Body III	S235JR / 0H18N9 / 0H17N12M2	PN-EN 10020
9	Gasket	EPDM / NBR	PN-EN 681
10	Threaded pin I	S235JR / Zn5 / A2 / A4	DIN 975
11	Threaded pin II	S235JR / Zn5 / A2 / A4	DIN 975
12	Washer	S235JR / Zn5 / A2 / A4	PN-EN ISO 7089
13	Nut	S235JR / Zn5 / A2 / A4	PN-EN ISO 4032



Flange		Length
DN1 [mm]	DN2 [mm]	L [mm]
270-2000	250-2000	150-1500

DN	Length* L [mm]	Outer flange diameter ØC1 / ØC2 [mm]		Effective diameter ØDk [mm]		Number of ports n × Ød [mm]		Threaded pin	
		PN10	PN16	PN10	PN16	PN10	PN16	PN10	PN16
250	150-1500	395	405	350	355	12x22	12x26	M 20	M 24
300		445	460	400	410	12x22	12x26	M 20	M 24
350		505	520	460	470	16x22	16x26	M 20	M 24
400		565	580	515	525	16x26	16x30	M 24	M 27
450		615	640	565	585	20x26	20x30	M 24	M 27
500		670	715	620	650	20x26	20x33	M 24	M 30
600		780	840	725	770	20x30	20x36	M 27	M 33
700		895	910	840	840	24x30	24x36	M 27	M 33
800		1015	1025	950	950	24x33	24x39	M 30	M 36
900		1115	1125	1050	1050	28x33	28x39	M 30	M 36
1000		1230	1255	1160	1170	28x36	28x42	M 33	M 39
1200		1455	1485	1380	1390	32x39	32x48	M 36	M 45

* for the adjustment range ± 25 mm

Note: Joints above DN1200 are available per customer request.