

335

INDEX NO.

RESTRAINED REDUCING PIPE COUPLING RRS-R-FL-E



APPLICATION

Intended for mechanical connection of plain ends of pipes differing in diameters in waterworks, wastewater and other systems for liquids chemically neutral. Equipped with rims protecting against sliding pipes out of a coupling. Used for iron, steel, plastic, GRP and AC pipes.

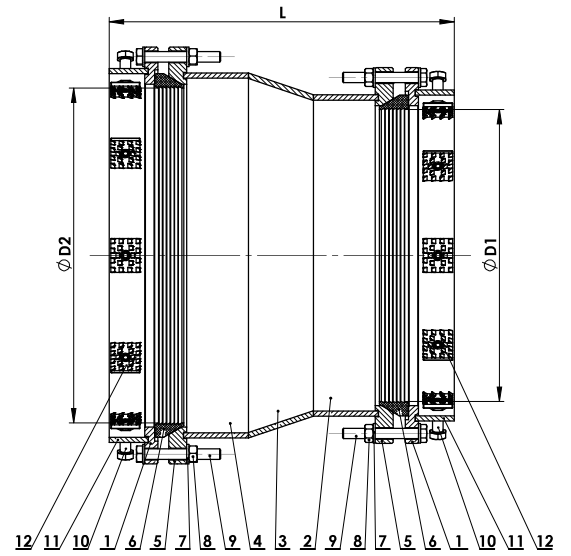
DESIGN FEATURES

- diameter range 270-1200 mm
- coupling tolerance is ± 7 mm in relation to the outer pipe diameter
- pipe angular deflection up to $\pm 3^\circ$
- 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
- eyebolt
- possibility to design and produce a coupling according to individual customer needs: nonstandard height, made of different materials, e.g. stainless steel
- possibility of connecting various types of pipes even with very large reductions
- prevents pipes from sliding out of a coupling
- the design of protection depends on the pipe material and pressure
- reinforced construction for heavier working conditions and increased product life

TECHNICAL DATA / STANDARDS

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

No.	Name	Material	Standard
1	Clamping flange	S235JR / 0H18N9 / 0H17N12M2	PN-EN 10020
2	Body I	S235JR / 0H18N9 / 0H17N12M2	PN-EN 10020
3	Stepped segment	S235JR / 0H18N9 / 0H17N12M2	PN-EN 10020
4	Body II	S235JR / 0H18N9 / 0H17N12M2	PN-EN 10020
5	Fixed flange	S235JR / 0H18N9 / 0H17N12M2	PN-EN 10020
6	Gasket	EPDM / NBR	PN-EN 681
7	Washer	S235JR / Zn5 / A2 / A4	PN-EN ISO 7089
8	Nut	S235JR / Zn5 / A2 / A4	PN-EN ISO 4032
9	Bolt	S235JR / Zn5 / A2 / A4	PN-EN ISO 4017
10	Bolt	S235JR / Zn5	PN-EN ISO 4017
11	E-rim	S355JR / 0H18N9 / 0H17N12M2	PN-EN 10020
12	Gripper	EN-GJS-500	PN-EN 1563



Outer pipe diameter	Outer pipe diameter	Length
ØD1 [mm]	ØD2 [mm]	L [mm]
270-2000	270-2000	600-1500