

ENSIGN SOIL & DRAIN

High Pressure Slim-line Couplings

EC002HP-S

DESCRIPTION

The high pressure slim-line stainless steel coupling has a number of advantages compared to similar couplings. It has two specific parts making the coupling unique: a patented seal that eliminates the risk of leakage and a special shaped anchoring grip ring, which ensures a reliable, restrained connection.




RECOMMENDED USE

- Pressured system Use
- Wastewater
- Rainwater
- Runoff water
- Hot effluents

STANDARDS & APPROVALS

- Industry product standard: BS EN 877
- Industry product standard: EN 681-1
- Range fire classification: A1

IDENTIFICATION LABEL

BS EN 877 EAN: 3615601942764 ID: 4191185		269452 PAM FLEX EC002HP	
Ø MM 109 112	EPDM -30°C UP TO +125°C	TORQUE 10 Nm 7.4 ft-lb	10 BAR 145 psi
EPDM PEROXIDE CURED COMPLETE STAINLESS STEEL AISI 316			
MUST BE RESTRAINED TO PREVENT MOVEMENT			
DATASHEET 	0-30 MM 	Ø1 - Ø2 MAX. 3 MM 	



MATERIALS & COATINGS

- Steel Casing: 1.4571/316 Ti
- Steel Bars: 1.4571/316 Ti
- Bolts: A4-80/316 Ti
- Anchoring Rings (Grip): 1.4310/301
- Gasket: Peroxide Cured EPDM Rubber EN681-1

TECHNICAL FEATURES

- Hot water resistance: 24hr @ 95°C
- Thermal cycle resistance: 1500 cycles between -30°C and +125°C
- Chemical resistance for 2>ph>12
- Salt spray resistance internal coating: more than 350hrs.
- PN10 pressure rated.

ENVIRONMENTAL DATA

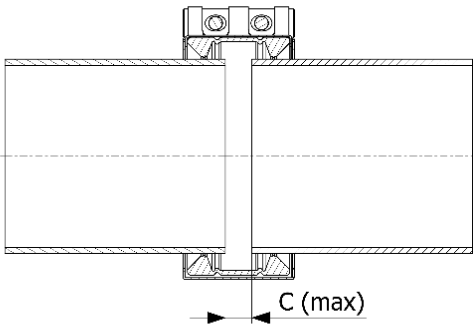
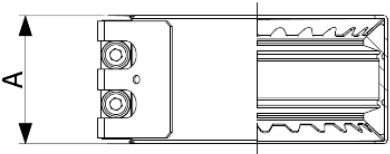
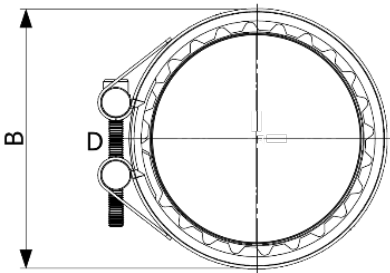
- Recycling information: This product is 100% recyclable through the existing recycling industrial network.



ENSIGN SOIL & DRAIN

High Pressure Slim-line Couplings (Grip)

EC002HP-SG



DN	A	B	C	D	TORQUE (Nm)	PRESSURE RATING	WEIGHT (KG)	PRODUCT CODE
100	61	130	20	M8	25	10 bar	0.7	286431
150	61	180	20	M8	40	10 bar	0.8	286432
200	72.5	242	15	M10	40	10 bar	1	286433
250	116	316	30	M12	65	10 bar	1.1	286434

- Working pressure for industrial and land-based applications have a 1.5x safety factor (bars).

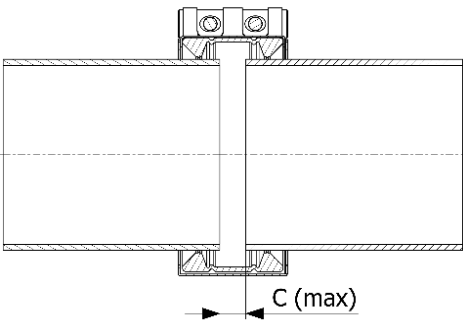
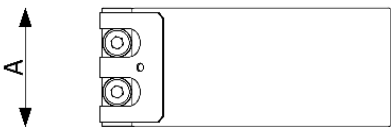
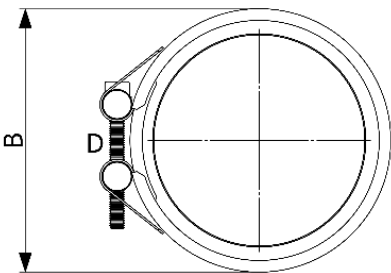
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ENSIGN SOIL & DRAIN

High Pressure Slim-line Couplings (Flex)

EC002HP-S



DN	A	B	C	D	TORQUE (Nm)	PRESSURE RATING	WEIGHT (KG)	PRODUCT CODE
100	61	130	20	M8	25	10 bar	0.7	281605
150	61	180	20	M8	25	10 bar	0.8	281606
200	64	242	15	M10	25	10 bar	1	286435

- Working pressure for industrial and land-based applications have a 1.5x safety factor (bars).
- Pressure rating is based on pipe being restrained (anchored)

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