GIUNTO FLESSIBILE F270



APPLICATION

Flexible coupling for grooved pipe steel. High resistance to bending and twisting. His flexibility allow a movement from 3.17 to6.35 mm, depending on diameters. It works like an expansion joint, allows the linear movement and angular, the attenuation of noise and vibration, thermal expansion and seismic stress (for these two cases, please pay attention to the support system used).

For the right choice of the gasket, please take a look to selection "GASKET FOR COUPLINGS".

TECHNICAL DATA

Working pressure: 55 bar up to ", 48 bar for 6", 41 bar from 8" to 12".
Working temperature: from -34°C to +110°C with EPDM.

Material:

- Body: spheroidal graphite cast iron according to ASTM A536 and ISO 1083.
- Surface treatment: hot galvanized.
- Gasket: EPDM type E according to ISO 6182, FM 1920 and UL 213.
- Bolts: tempered bolts, round head with oval neck. Heavy series nuts in carbon steel according to ASTM A183.

Available on request couplings with silicone gaskets or nitrile (Buna N).

NB	Admitted load [N]	Bolts	Tightening torque [Nm]	Max pipes distance [mm]	Ø [mm]	L [mm]	H [mm]	Deflection [deg]	Deflection [mm/m]
50	15707	2-M12x70	128,0	3	86	132	48	2,85	49,7
65	25016	2-M12x75	128,0	3	106	149	48	2,26	39,4
80	34139	2-M12x75	128,0	3	118	162	48	1,93	33,7
100	56434	2-M16x85	271,0	7	152	212	54	1,80	31,4
125	84301	2-M20x110	516,0	7	178	252	54	1,48	25,7
150	106783	2-M20x110	516,0	7	211	290	54	1,22	21,4
200	150811	2-M22x130	516,0	7	263	346	64	1,78	31,0
250	234140	2-M24x150	890,0	6,8	327	422	67	1,21	21,2

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APPROVALS

FM, UL.

Codice	Nome	Peso	Numero di pezzi
F270P042Z	42,4 mm 1"¼	0.63	45
F270P048Z		0.67	40
F270P060Z	60,3 mm 2"	0.87	32
F270P076Z	76,1 mm 2"½	1.02	27
F270P089Z	88,9 mm 3"	1.08	20
F270P139Z	139,7 mm 5"	2.29	12
F270P168Z	168,3 mm 6"	2.78	11
F270P219Z		4.86	6
F270P273Z		8	4
F270P324Z	323,9 mm 12"	9.26	3