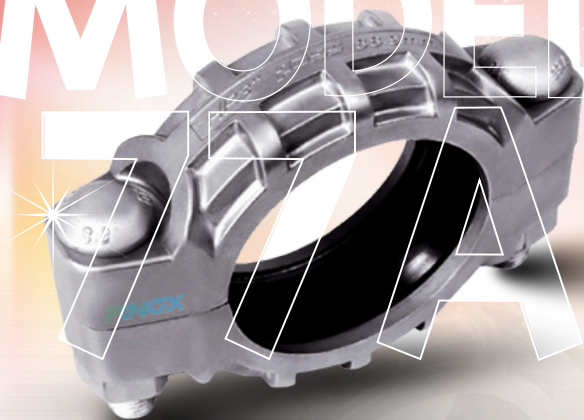


MODEL 77A

Stainless steel



Heavy Duty FLEXIBLE COUPLING

GROOVED TYPE



PRODUCT'S DESCRIPTION:

The Model 77A is mainly designed for high pressure grooved piping systems, such as high salinity wastewater treatment systems, RO seawater desalination systems, landfill leachate treatment systems, and cut grooved piping systems with rated working pressure of 1500 psi (100 bar). It is supplied in strong and anti-corrosive alloy materials of 304, 316, 316L, Duplex CD3MN (2205), Super Duplex CE8MN, CE3MN (2507). Its 316 bolts and nuts have excellent anti-corrosion performance and longer service life.



PRODUCT'S SPECIFICATIONS:

Housings

- ★ Type 304 Stainless steel to ASTM A351 CF8 or A743 Gr. CF8
- ★ Type 316 to ASTM A351 CF8M
- ★ Type 316L to ASTM A351 CF3M
- ★ CE8MN to ASTM A890 Grade 2A
- ★ Austenitic 904L (CN2MCuN) to A351
- ★ Duplex (CD3MN) to ASTM A890 Grade 4A
- ★ Super duplex (CE3MN) to ASTM 890 Grade 5A
- ★ Austenitic 254SMO (CK3MCuN) to A743

Rubber Gaskets:

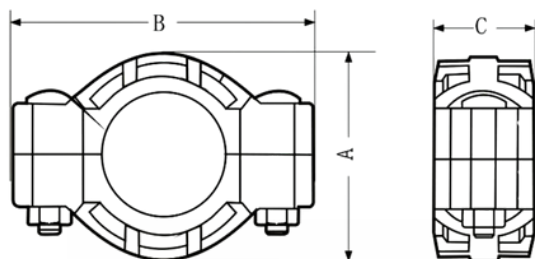
The gasket seals is C-shaped, made of standard gasket EPDM(ethylene propylene diene monomer) for cold water, hot water, dilute acid, oil-free air and multiple chemical product (-30~110°C). It is not suitable for medium like petroleum

Bolts:

- ★ Type 304 stainless steel track bolts to ASTM F593
- ★ Type 316 stainless steel track bolts to ASTM A193

Nuts:

- ★ Type 304 stainless steel nuts to ASTM F594
- ★ Type 316 stainless steel nuts to ASTM A194
- ★ Silicone bronze heavy duty nuts to ASTM B98 C65100 for option



Size	Pipe OD	Max. Pres.	Pipe End Sep.	Dimensions			Weight
				A	B	C	
in. mm	in. mm	psi bar	in. mm	in. mm	in. mm	in. mm	lbs kg
0.75	1.059	105	0-0.06	2.087	3.386	1.732	1.28
20	26.9	1500	0-1.6	53	86	44	0.58
0	1.26	105	0-0.06	2.362	3.661	1.732	1.47
25	32	1500	0-1.6	60	93	44	0.67
1	1.327	105	0-0.06	2.362	3.661	1.732	1.47
25	33.7	1500	0-1.6	60	93	44	0.67
0	1.496	105	0-0.06	2.756	4.016	1.732	1.67
32	38	1500	0-1.6	70	102	44	0.76
1.25	1.669	105	0-0.06	2.835	4.016	1.732	1.67
32	42.4	1500	0-1.6	72	102	44	0.76
1.5	1.9	105	0-0.06	3.11	4.764	1.732	2.55
40	48.3	1500	0-1.6	79	121	44	1.16
2	2.375	105	0-0.06	3.583	5.315	1.772	2.93
50	60.3	1500	0-1.6	91	135	45	1.33
2.5	2.875	105	0-0.06	4.094	5.709	1.772	3.37
65	73	1500	0-1.6	104	145	45	1.53
0	3	105	0-0.06	4.291	5.984	1.772	3.56
65	76.1	1500	0-1.6	109	152	45	1.62
3	3.5	105	0-0.06	4.921	6.535	1.772	4.4
80	88.9	1500	0-1.6	125	166	45	2
0	4.25	105	0-0.13	6.063	7.756	2.047	7.33
100	108	1500	0-3.2	154	197	52	3.33
4	4.5	105	0-0.13	5.984	8.15	2.047	7.37
100	114.3	1500	0-3.2	152	207	52	3.35
0	5.25	105	0-0.13	7.008	9.094	2.047	9.22
125	133	1500	0-3.2	178	231	52	4.19
5	5.5	105	0-0.13	7.559	9.764	2.047	11.55
125	139.7	1500	0-3.2	192	248	52	5.25
5	5.563	105	0-0.13	7.559	9.764	2.047	11.55
125	141.3	1500	0-3.2	192	248	52	5.25
0	6.259	105	0-0.13	8.504	10.433	2.047	12.78
150	159	1500	0-3.2	216	265	52	5.8
6	6.625	105	0-0.13	8.937	11.102	2.047	14.99
150	168.3	1500	0-3.2	227	282	52	6.8
8	8.625	105	0-0.13	11.063	9.606	2.52	25.14
200	219.1	1500	0-3.2	281	244	64	11.4
10	10.748	83	0-0.13	13.465	15.748	2.559	35.2
250	273	1200	0-3.2	342	400	65	16
12	12.752	83	0-0.13	15.709	18.819	2.559	42.84
300	323.9	1200	0-3.2	399	478	65	19.47



PRODUCT'S KEY FEATURE



PRODUCT'S APPLICATION



Industrial Plants



Chemical and Petrochemical Plants



Water and Wastewater Treatment Plants



Marine Applications