



PRODUCT DESCRIPTION:

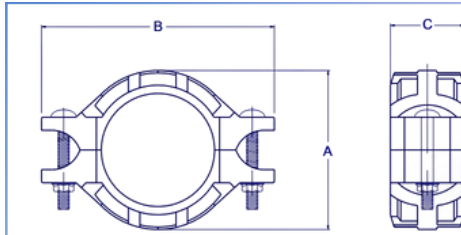
The Model 77C is designed for high pressure applications including reverse osmosis and desalination systems. The Model 77C is available in strong and anti-corrosive alloys of Duplex CD3MN (2205), Super Duplex CE8MN, CE3MN (2507). The 77C features 316 bolts and silicone bronze heavy duty nuts to help prevent galling during repetitive use.

SIZES-INCHES/DN

3/4" to 12" (DN20 to DN300)

RATED WORKING PRESSURE:

1200 psi (83 bar) Sch. 40S, cut groove only



Nominal Size	Pipe OD	Rated Working Pressures	Pipe End Separation	Dimensions			Weight
mm in	mm in	psi bar	mm in	A mm in	B mm in	C mm in	kgs lbs
20 0.75	26.70 1.050	1200 82.68	0-1.6 0-0.06	53 2.087	86 3.386	44 1.732	0.580 1.276
25	32.00 1.260	1200 82.68	0-1.6 0-0.06	59 2.323	91 3.583	44 1.732	0.600 1.320
25 1	33.40 1.315	1200 82.68	0-1.6 0-0.06	60 2.362	93 3.661	44 1.732	0.660 1.452
32	38.00 1.496	1200 82.68	0-1.6 0-0.06	70 2.756	100 3.937	44 1.732	0.620 1.364
32 1.25	42.20 1.660	1200 82.68	0-1.6 0-0.06	72 2.835	102 4.016	44 1.732	0.760 1.672
40	48.30 1.900	1200 82.68	0-1.6 0-0.06	79 3.110	121 4.764	44 1.732	0.661 1.455
50	57.00 2.244	1200 82.68	0-1.6 0-0.06	89 3.504	133 5.236	45 1.772	0.810 1.782
50 2	60.30 2.375	1200 82.68	0-1.6 0-0.06	91 3.583	135 5.315	45 1.772	0.842 1.853
65	73.00 2.875	1200 82.68	0-1.6 0-0.06	104 4.094	145 5.709	45 1.772	0.989 2.176
65	76.10 3.000	1200 82.68	0-1.6 0-0.06	108.5 4.272	152 5.984	45 1.772	1.600 3.520
80	88.90 3.500	1200 82.68	0-1.6 0-0.06	125 4.921	166 6.535	45 1.772	1.360 2.992
100	108.00 4.250	1200 82.68	0-3.2 0-0.13	154 6.063	197 7.756	52 2.047	3.350 7.370
100 4	114.30 4.500	1200 82.68	0-3.2 0-0.13	157.4 6.197	207 8.150	52 2.047	2.700 5.940
125	133.00 5.250	1200 82.68	0-3.2 0-0.13	178 7.008	231 9.094	52 2.047	4.200 9.240
125 5	141.30 5.563	1200 82.68	0-3.2 0-0.13	192 7.559	248 9.764	52 2.047	5.300 11.66
150	159.00 6.259	1200 82.68	0-3.2 0-0.13	216 8.504	265 10.433	52 2.047	6.800 14.96
150 6	168.30 6.625	1200 82.68	0-3.2 0-0.13	227 8.937	282 11.102	52 2.047	7.500 16.50
200	219.10 8.625	1200 82.68	0-3.2 0-0.13	281 11.063	342 13.465	64 2.520	11.40 25.08
250	273.00 10.75	1200 82.68	0-3.2 0-0.13	342 13.465	400 15.748	65 2.559	16.00 35.20
300	323.90 12.75	1200 82.68	0-3.2 0-0.13	397 15.630	478 18.819	65 2.559	19.47 42.84

MODEL 77C

Stainless Steel HEAVY DUTY FLEXIBLE COUPLING



PRODUCT SPECIFICATION:

HOUSING

SUPER DUPLEX 2507 (CE3MN) TO ASTM A890 GRADE 5A

- CE8MN TO ASTM A890 GRADE 2A
- DUPLEX 2205(CD3MN)TO ASTM A890 GRADE 4A
- AUSTENIC 254SMO (CK3MCUN)TO A743
- AUSTENIC 904L(CN2MCUN)TO A351
- TYPE 316 TO ASTM A743 CF8M
- TYPE 316L TOASTMA743CF3M

RUBBER GASKET

THE GASKET SEALS IS C-SHAPED, MADE OF STANDARD GASKET EPDM(ETHYLENE PROPYLENE DIENE MONOMER) FOR COLD WATER, HOT WATER, RARE ACID, OIL-FREE AIR AND MULTIPLE CHEMICAL PRODUCT (-50~150). IT IS NOT SUITABLE FOR MEDIUM LIKE PETROLEUM

BOLTS

TYPE 316 STAINLESS STEEL TRACK BOLTS TO ASTM A193B-8M

NUTS

SILICONE BRONZE HEAVY DUTY NUTS TO ASTM B98 C65100



HEAVY-DUTY CONSTRUCTION



HIGH FLEXIBILITY



WIDE TOLERANCE RANGE



LEAK-PROOF SEAL



EASY TO INSTALL



WIDE TEMPERATURE



WATERLINE SYSTEM



WASTEWATER PIPELINES



FIRE PROTECTION SYSTEMS



MARINE AND SHIPBUILDING



INDUSTRIAL PIPING SYSTEMS