

MODEL 77C STAINLESS STEEL HEAVY DUTY FLEXIBLE COUPLING

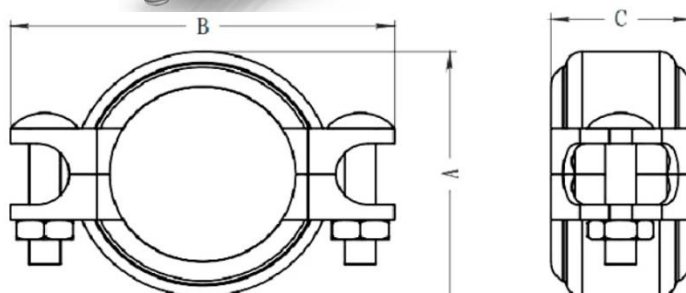
SS-1200

The Model 77C is designed for high pressure applications including RO and desalination systems.

The 77C is available in strong and anti-corrosive alloys of 304,316,316L Stainless steel.

Duplex CD3MN (2205). Super Duplex CESMN.

CE3MN (2507). The 77C features 304 or 316 bolts and silicone bronze heavy nuts to help prevent galling during repetitive use.



Sizes-Inches/DN:

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

Rated working pressure:

1200psi (83bar) Sch40S, cut groove only

Housings:

Super duplex 2507(CE3MN) to ASTM A890 GradeSA

CESMN to ASTM A890 Grade 2A

Duplex 2205(CD3MN) to ASTM A890 Grade4A

Austenitic 254SMO(CK3MCuN) to A743

Austenitic 904L(CN2MCUN) to A351

Type 316 to ASTM A743 CF3M

Type 316L to ASTM A743 CF3M

Rubber Gaskets:

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°C).

It is not suitable for medium like petroleum

Bolts:

Type 316 stainless steel track bolts ASTM A-193 B-8M

Nuts:

Type 316 stainless steel nuts ASTM A-193 B-8M

Silicone bronze heavy duty nuts to ASTM B98 C65100 for option

Nominal	Pipe	Rated Working	Pipe End	Dimensions			
Size	OD	Pressures	Separation	A	B	C	Weight
Mm	mm	psi	mm	mm	mm	mm	kgs
in	in	bar	in	in	in	in	lbs
20	26.90	1200	0.16	48	78	44	0.58
0.75	1.059	83	0.016	1.890	3.071	1.732	1.28
25	32.00	1200	0-1.6	55	87	44	.066
-	1.260	83	0-0.06	2.165	3.425	1.732	1.45
25	33.70	1200	0-1.6	55	87	44	0.66
1	1.327	83	0-0.06	2.165	3.425	1.732	1.45
32	38.00	1200	0-1.6	63	98	44	0.62
-	1.496	83	0-0.06	2.480	3.858	1.732	1.36
32	42.40	1200	0-1.6	83	98	44	0.76
1.25	1.669	83	0-0.06	2.835	4.016	1.732	1.67
40	48.30	1200	0-1.6	72	102	44	1.16
1.5	1.900	83	0-0.06	2.835	4.016	1.732	2.55
50	57.00	600	0-1.6	85	121	44	0.81
-	2.244	41.34	0-0.06	3.366	4.764	1.732	1.78
50	60.30	1200	0-1.6	85	121	44	1.33
2	2.375	83	0-0.06	3.346	1.764	1.732	2.93
65	73.00	1200	0-1.6	98	136	45	1.53
2.5	2.875	83	0-0.06	3.858	5.354	1.772	3.37
65	76.10	1200	0-1.6	102	140	45	1.62
-	3.000	83	0-0.06	4.016	5.512	1.772	3.56
80	88.90	1200	0-1.6	115	164	45	2.00
3	3.500	83	0-0.06	4.528	6.457	1.772	4.40
100	108.00	1200	0-3.2	138	190	52	3.33
-	4.250	83	0-0.13	5.433	7.480	2.047	7.33
100	114.30	1200	0-3.2	150	206	52	3.35
4	4.500	83	0-0.13	5.906	8.110	2.047	737
125	133.00	1200	0-3.2	165	220	52	4.19
-	5.250	83	0-0.13	5.496	8.661	2.047	9.22
125	139.70	1200	0-3.2	176	288	52	5.00
-	5.500	83	0-0.13	5.921	8.976	2.047	11.00
125	141.30	1200	0.32	177	228	52	5.25
5	5.563	83	0-0.13	6.969	8.976	2.047	11.55
150	159.00	1200	0-3.2	197	260	52	6.48
-	5.259	83	0-0.13	7.756	10.236	2.047	14.26
150	168.30	1200	0-3.2	205	273	52	7.50
6	6.625	83	0-0.13	8.071	10.748	2.047	16.50
200	219.10	1200	0-3.2	281	244	64	11.26
8	8.625	83	0-0.13	11.063	9.606	2.520	24.77
250	273.00	1200	0-3.2	342	400	65	16.20
10	10.748	83	0-0.13	13.485	15.748	2.559	35.64
300	323.90	1200	0-3.2	399	478	65	18.00
12	12.752	83	0-0.13	15.709	18.819	2.559	39.60