



PARTS LIST AND STANDARD MATERIALS

ITEM	DESCRIPTION	SPECIFICATIONS
1	BODY	NEOPRENE COVER AND TUBE ELASTOMER WITH NYLON FABRIC REINFORCEMENT
2	FLANGES	ZINC PLATED CARBON STEEL
3	FRAME	STEEL WIRE

UPPER TEMPERATURE LIMITS

MATERIAL	UPPER LIMITS °F (°C)
NEOPRENE	225 (107)

LOWER TEMPERATURE LIMITS

MATERIAL	LOWER LIMITS °F (°C)
NEOPRENE	-20 (-28.9)

PRESSURE LIMITS (NON-SHOCK)

SIZE	MAXIMUM OPERATING			MINIMUM	
	POSITIVE PSIG			TEST PSIG	BURST PSIG
	WITH CONTROL RODS	WITHOUT CONTROL RODS	NEGATIVE IN OF HG		
1-1/2" - 4"	225	180	26	340	900
5" - 10"	225	135	26	340	900
12"	225	90	26	340	900
14"	150	90	26	225	600
16" - 20"	125	45	26	190	500
24"	110	45	26	165	440

IFC SERIES CFNS RUBBER CONNECTOR DIMENSIONAL DATA

SIZE	"A" Installed Length	Axial Compression	Axial Extension	+/- Lateral Deflection	+/- Angular Deflection	Thrust Factor	"B" Connector Inner Diameter	"C" Seal Outer Diameter	CONTROL RODS						Weight Joints & Flanges	Weight Control Unit Set
									Control Rod Plate Thickness	Control Rod Diameter	MAXIMUM SURGE OF TEST PRESSURE OF SYSTEM					
											2 Rods PSIG	3 Rods PSIG	4 Rods PSIG			
in/mm	in/mm	in/mm	in/mm	in/mm	degree		in/mm	in/mm	in/mm	in/mm	in/mm	in/mm	Lbs/Kg	Lbs/Kg		
1-1/2 40	6.00 152	0.50 13	0.38 10	0.50 13	27	6.49	1.38 35	2.75 70	0.38 10	0.50 13	510			8 4	5 2	
2 50	6.00 152	0.50 13	0.38 10	0.50 13	20	7.07	1.63 41	3.38 86	0.38 10	0.63 16	661			11 5	8 4	
2-1/2 65	6.00 152	0.50 13	0.38 10	0.50 13	17	11.05	2.50 64	4.13 105	0.38 10	0.63 16	529			11 5	8 4	
3 75	6.00 152	0.50 13	0.38 10	0.50 13	14	13.36	2.75 70	4.63 118	0.38 10	0.63 16	441			13 6	8 4	
4 100	6.13 156	0.75 19	0.50 13	0.50 13	14	22.69	3.75 95	5.75 146	0.38 10	0.63 16	311	467	622	17 8	8 4	
5 125	6.13 156	0.75 19	0.50 13	0.50 13	11	30.02	4.63 118	7.00 178	0.38 10	0.63 16	235	353	470	21 10	8 4	
6 150	6.13 156	0.75 19	0.50 13	0.50 13	9	41.28	5.88 149	8.38 213	0.50 13	0.63 16	186	278	371	25 11	11 5	
8 200	6.13 156	0.75 19	0.50 13	0.50 13	7	63.62	7.88 200	10.38 264	0.50 13	0.75 19	163	244	326	37 17	14 6	
10 250	8.00 203	1.00 25	0.63 16	0.75 19	7	103.87	9.88 251	12.63 321	0.75 19	0.88 22	163	244	325	58 26	20 9	
12 300	8.00 203	1.00 25	0.63 16	0.75 19	6	137.89	11.25 286	14.50 368	0.75 19	1.00 25	160	240	320	80 36	28 13	
14 350	8.00 203	1.00 25	0.63 16	0.75 19	5	182.55	12.88 327	16.13 410	0.75 19	1.00 25	112	167	223	101 46	28 13	
16 400	8.00 203	1.00 25	0.63 16	0.75 19	4	240.53	14.63 371	18.25 464	0.75 19	1.13 29	113	170	227	137 62	28 13	
18 450	8.00 203	1.00 25	0.63 16	0.75 19	4	298.55	16.75 425	20.63 524	0.75 19	1.13 29	94	141	187	136 62	32 14	
20 500	8.00 203	1.00 25	0.63 16	0.75 19	3	363.05	18.75 476	22.75 578	0.75 19	1.13 29	79	118	159	158 72	32 14	
24 600	10.00 254	1.00 25	0.63 16	0.75 19	3	510.70	22.75 578	26.75 679	1.00 25	1.25 32	74	110	147	255 116	45 20	

NOTES

1. To determine end thrust multiply thrust factor by operating pressure of system. This is end thrust in PSIG.

2. Vacuum rating is based on installed length, without external load. Products should not be installed "extended" on vacuum applications.

3. Joints must be precompressed approximately 1/8" to 3/16" in order to obtain a correct installed face-to-face dimension.

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