

### APPLICATIONS:

- ▶ Exhaust Systems
  - ▶ Marine Propulsion
  - ▶ Diesel Engines
  - ▶ Generator Sets
  - ▶ Gas Turbines
- ▶ Piping System Growth



### MARKETS SERVED:

- ▶ Marine / Ship Building
- ▶ OEM Equipment
- ▶ Power Generation
- ▶ Railroad
- ▶ Wastewater Treatment



## 30MC Series FEATURES & BENEFITS

- |   |  |
|---|--|
| ▶ Multi-Ply construction                    | ▶ Long Life - 30,000 plus cycles                               |
| ▶ Easier Movement                           | ▶ Less force to actuate  |
| ▶ Greater Vibration Absorption              | ▶ Reduces system stress & noise                                |
| ▶ Shorter OAL                               | ▶ Saves space, reduces weight & eases installation             |
| ▶ Internal Stainless Steel Liner (Optional) | ▶ Temperature reduction on the bellows for longer product life |
| ▶ Fixed by Floating Flange (Optional)       | ▶ Quick bolt hole alignment                                    |



### 30MC Series Standard Sizes

Pipe I.D.* (inches)	Part Number	O.A.L. (inches)			Total Movement		Spring Rates	
		Fixed Flange	Fixed x Floating Flange	Sch Std Weld End	Axial (in.)	Lateral (in.)	Axial (lbs/in)	Lateral (lbs/in)
4"	F04030MCS	5-9/16"	4-9/16"	8-1/16"	0.23	0.032	1146	12279
	F04030MCM	7-11/16"	6-11/16"	10-3/16"	0.46	0.126	573	1536
	F04030MCL	10-1/4"	9-1/4"	12-3/4"	0.75	0.334	352	357
5"	F05030MCS	5-13/16"	4-15/16"	8-5/16"	0.62	0.030	614	6,817
	F05030MCM	8-1/8"	7-1/4"	10-5/8"	1.12	0.125	307	852
	F05030MCL	11"	10-1/8"	13-1/2"	1.75	0.300	189	199
6"	F06030MCS	5-1/16"	4-3/16"	7-9/16"	0.40	0.027	788	34927
	F06030MCM	6-7/8"	6"	9-1/8"	0.80	0.110	394	4303
	F06030MCL	8-3/16"	7-5/16"	10-11/16"	1.20	0.248	262	1271
8"	F08030MCS	5-1/4"	4-5/8"	7-3/4"	0.57	0.035	932	52,549
	F08030MCM	7-1/16"	6-7/16"	9-9/16"	1.14	0.138	466	6,568
	F08030MCL	8-7/8"	8-1/4"	11-3/8"	1.71	0.311	310	1,942
10"	F10030MCS	6-5/8"	6"	9-1/8"	1.00	0.056	1070	29009
	F10030MCM	9-3/4"	9-1/8"	12-1/4"	2.00	0.222	535	3626
	F10030MCL	11-13/16"	11-3/16"	14-5/16"	2.66	0.395	401	1528
12"	F12030MCS	6-5/8"	6"	11-1/8"	0.90	0.067	1097	39167
	F12030MCM	9-3/4"	9-1/8"	14-1/4"	1.80	0.267	548	4890
	F12030MCL	11-13/16"	11-3/16"	16-5/16"	2.40	0.475	411	2063
14"	F14030MCS	6-5/8"	6"	11-1/8"	1.00	0.068	1094	46275
	F14030MCM	9-3/4"	9-1/8"	14-1/4"	2.00	0.270	547	5784
	F14030MCL	11-13/16"	11-3/16"	16-5/16"	2.66	0.481	410	2438
16"	F16030MCS	6-5/8"	6"	11-1/8"	1.00	0.060	1327	70243
	F16030MCM	9-3/4"	9-1/8"	14-1/4"	2.00	0.239	663	8773
	F16030MCL	11-13/16"	11-3/16"	16-5/16"	2.66	0.426	497	3699
18"	F18030MCS	6-5/8"	6-1/16"	11-1/8"	0.78	0.042	1292	84079
	F18030MCM	9-3/4"	9-3/16"	14-1/4"	1.56	0.168	646	10509
	F18030MCL	11-13/16"	11-1/4"	16-5/16"	2.08	0.299	484	4429
20"	F20030MCS	6-5/8"	6-1/8"	11-1/8"	0.78	0.038	1409	110273
	F20030MCM	9-3/4"	9-1/4"	14-1/4"	1.57	0.152	704	13774
	F20030MCL	11-13/16"	11-5/16"	16-5/16"	2.35	0.343	469	4078
22"	F22030MCS	6-5/8"	6-1/8"	11-1/8"	0.78	0.035	1492	138709
	F22030MCM	9-3/4"	9-1/4"	14-1/4"	1.57	0.157	746	17338
	F22030MCL	11-13/16"	11-5/16"	16-5/16"	2.35	0.313	497	5133

- ▶ Superior Multi-Ply Design
- ▶ Longer Life Than OEM - 30,000+ Cycles
- ▶ No Minimum Order
- ▶ Quick shipment of standard sizes
- ▶ Volume Discounts Available for Stocking / Fabricating Distributors
- ▶ Standard or custom lengths and end configurations available

**Pressure Rating: 36 PSI at 70°F or 18 PSI at 1000°F**

Please contact factory for other ratings

**\*Contact factory for larger diameters (Up to 42")**

**ABS Certification Number  
14-HS1275455-PDA**

