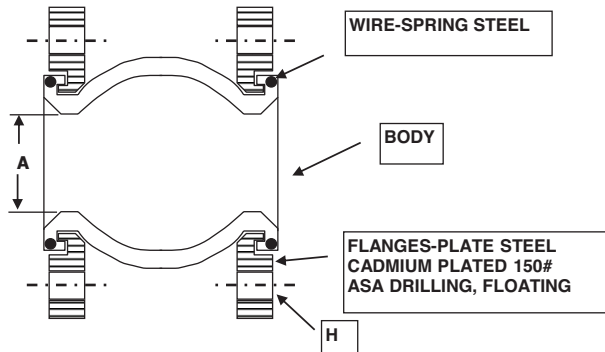




SINGLE SPHERE RUBBER EXPANSION JOINT



CONTROL UNITS/ UNANCHORED SYSTEMS
 *CONTROL UNITS MUST BE INSTALLED WHEN PRESSURES EXCEED RATING BELOW. (DESIGN-OPERATING-TEST OR SURGE)

| PIPE SIZE | MSS P.S.I.G. |
|-----------|--------------|
| 1"- 4" | 180 |
| 5"- 10" | 135 |
| 12"-14" | 90 |
| 16"-24" | 45 |

| BODY CONSTRUCTION: | | MAXIMUM TEMPERATURE |
|--------------------|--------------------------|---------------------|
| NEOPRENE NYLON | <input type="checkbox"/> | 230 DEGREES F. |
| EPDM NYLON | <input type="checkbox"/> | 250 DEGREES F |
| BUTYL NYLON | <input type="checkbox"/> | 250 DEGREES F |
| NITRILE NYLON | <input type="checkbox"/> | 230 DEGREES F. |

| MODEL NUMBER | A NOMINAL SIZE | FACE TO FACE | EST. WEIGHT (LB.) | H NO. OF HOLES | SIZE | LATERAL DEFLECT | AXIAL EXT. | AXIAL COMP. | ANGULAR | WRK. PRESS |
|--------------|----------------|--------------|-------------------|----------------|--------|-----------------|------------|-------------|---------|------------|
| EMSEJ-015 | 1-1/2" | 6" | 7 | 4 | 1/2" | (+/- 1/2") | 3/8" | 1/2" | 27 | 225 |
| EMSEJ-020 | 2" | 6" | 9 | 4 | 5/8" | (+/- 1/2") | 3/8" | 1/2" | 20 | 225 |
| EMSEJ-025 | 2-1/2" | 6" | 13 | 4 | 5/8" | (+/- 1/2") | 3/8" | 1/2" | 17 | 225 |
| EMSEJ-030 | 3" | 6" | 14 | 4 | 5/8" | (+/- 1/2") | 3/8" | 1/2" | 14 | 225 |
| EMSEJ-040 | 4" | 6" | 19 | 8 | 5/8" | (+/- 1/2") | 1/2" | 3/4" | 14 | 225 |
| EMSEJ-050 | 5" | 6" | 23 | 8 | 3/4" | (+/- 1/2") | 1/2" | 3/4" | 11 | 225 |
| EMSEJ-060 | 6" | 6" | 27 | 8 | 3/4" | (+/- 1/2") | 1/2" | 3/4" | 9 | 225 |
| EMSEJ-080 | 8" | 6" | 41 | 8 | 3/4" | (+/- 1/2") | 1/2" | 3/4" | 7 | 225 |
| EMSEJ-100 | 10" | 8" | 57 | 12 | 7/8" | (+/- 3/4") | 3/4" | 1" | 7 | 225 |
| EMSEJ-120 | 12" | 8" | 83 | 12 | 7/8" | (+/- 3/4") | 3/4" | 1" | 6 | 225 |
| EMSEJ-140 | 14" | 8" | 115 | 12 | 1" | (+/- 3/4") | 3/4" | 1" | 5 | 150 |
| EMSEJ-160 | 16" | 8" | 165 | 16 | 1" | (+/- 3/4") | 3/4" | 1" | 4 | 125 |
| EMSEJ-180 | 18" | 8" | 168 | 16 | 1-1/8" | (+/- 3/4") | 3/4" | 1" | 4 | 125 |
| EMSEJ-200 | 20" | 8" | 170 | 20 | 1-1/8" | (+/- 3/4") | 3/4" | 1" | 3 | 125 |
| EMSEJ-240 | 24" | 10" | 255 | 20 | 1-1/4" | (+/- 3/4") | 3/4" | 1" | 3 | 110 |

| | | |
|------------------|--|---|
| CUSTOMER: | | DESIGN DATA: 1) MAX NEGATIVE PRESSURE. 26" HG VACUUM 2)TEMPERATURE RANGE: 20F-300F 3)LISTED MOVEMENTS CANNOT OCCUR SIMULTANEOUSLY |
| PROJECT: | | |
| ENGINEER: | | |
| PO#: | | |