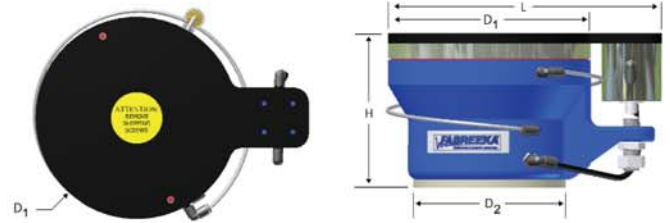


## Isolation Characteristics/Specifications

|                       |              |              |
|-----------------------|--------------|--------------|
| Natural Frequency     | (-6)         | (-12)        |
| Vertical              | 2.5 - 2.7 Hz | 1.5 - 1.7 Hz |
| Horizontal            | 2.0 - 4.5 Hz | 2.0 - 4.5 Hz |
| Damping               |              |              |
| Vertical (Adjustable) | 6% - 20%     | 6% - 20%     |
| Horizontal            | 5% - 6%      | 5% - 6%      |

## Isolator Dimensions\*



\*Verify actual dimensions with Fabreeca®. Dimensions subject to change.

| Type        | D1                 | D2                 | H                  |                    | L                   | Max Lifting Capacity <sup>1</sup> |        |
|-------------|--------------------|--------------------|--------------------|--------------------|---------------------|-----------------------------------|--------|
|             |                    |                    | Deflated           | Max. Lift          |                     | lbs                               | Kg     |
| PAL 18-6    | 6.50 in<br>165 mm  | 6.00 in<br>152 mm  | 6.00 in<br>153 mm  | 6.25 in<br>160 mm  | 9.21 in<br>234 mm   | 1,800                             | 800    |
| PAL 21-6    | 7.87 in<br>200 mm  | 5.90 in<br>150 mm  | 6.00 in<br>153 mm  | 6.40 in<br>163 mm  | 10.60 in<br>270 mm  | 2,100                             | 950    |
| PAL 21-12   | 7.87 in<br>200 mm  | 7.87 in<br>200 mm  | 12.00 in<br>305 mm | 12.40 in<br>315 mm | 10.60 in<br>270 mm  | 2,100                             | 950    |
| PAL 36-6    | 8.65 in<br>220 mm  | 7.50 in<br>190 mm  | 6.00 in<br>153 mm  | 6.40 in<br>163 mm  | 11.40 in<br>290 mm  | 3,600                             | 1,630  |
| PAL 55-6    | 10.25 in<br>260 mm | 9.00 in<br>230 mm  | 6.00 in<br>153 mm  | 6.40 in<br>163 mm  | 13.00 in<br>330 mm  | 5,500                             | 2,500  |
| PAL 55-12   | 10.25 in<br>260 mm | 10.25 in<br>260 mm | 12.00 in<br>305 mm | 12.40 in<br>315 mm | 13.00 in<br>330 mm  | 5,500                             | 2,500  |
| PAL 75-6    | 11.80 in<br>300 mm | 10.45 in<br>265 mm | 6.00 in<br>153 mm  | 6.40 in<br>163 mm  | 14.55 in<br>370 mm  | 7,500                             | 3,400  |
| PAL 133-6   | 15.00 in<br>380 mm | 13.78 in<br>350 mm | 6.00 in<br>153 mm  | 6.40 in<br>163 mm  | 17.70 in<br>450 mm  | 13,300                            | 6,030  |
| PAL 133-12  | 15.00 in<br>380 mm | 15.00 in<br>380 mm | 12.00 in<br>305 mm | 12.40 in<br>315 mm | 17.70 in<br>450 mm  | 13,300                            | 6,030  |
| PAL 255-6   | 20.87 in<br>530 mm | 18.50 in<br>470 mm | 6.00 in<br>153 mm  | 6.50 in<br>165 mm  | 23.60 in<br>600 mm  | 25,500                            | 11,560 |
| PAL 255-12  | 20.87 in<br>530 mm | 18.10 in<br>460 mm | 12.00 in<br>305 mm | 12.50 in<br>317 mm | 23.60 in<br>600 mm  | 25,500                            | 11,560 |
| PAL 416-8   | 25.20 in<br>640 mm | 23.00 in<br>585 mm | 8.00 in<br>203 mm  | 8.45 in<br>215 mm  | 28.00 in<br>710 mm  | 41,600                            | 18,870 |
| PAL 1000-6  | 37.40 in<br>950 mm | 35.80 in<br>910 mm | 6.00 in<br>153 mm  | 7.00 in<br>178 mm  | 40.15 in<br>1020 mm | 100,000                           | 45,360 |
| PAL 1000-18 | 35.98 in<br>914 mm | 35.98 in<br>914 mm | 17.70 in<br>450 mm | 18.70 in<br>475 mm | 39.00 in<br>990 mm  | 100,000                           | 45,360 |

<sup>1</sup>At maximum working pressure of 100 psi (7 bar)