

# Hudson Technologies – LSHP3.000 Diaphragms

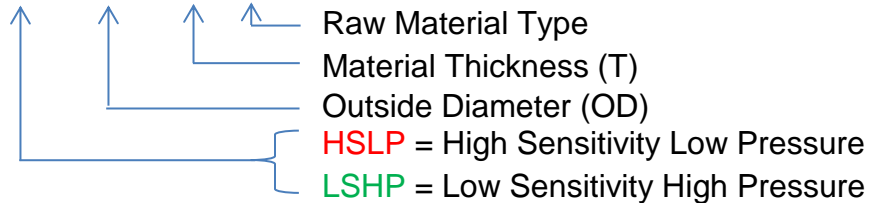
## Material / Thickness / Deflection Chart

| Part Name          | Pressure (psi) |        |        |        |        |        |        |        |        | Rev 7/24/17 |        |     |     |     |
|--------------------|----------------|--------|--------|--------|--------|--------|--------|--------|--------|-------------|--------|-----|-----|-----|
|                    | 0.1            | 0.2    | 0.3    | 0.4    | 0.5    | 0.6    | 0.7    | 0.8    | 0.9    | 1.0         | 2.0    | 3.0 | 4.0 | 5.0 |
| LSHP3.000-0020-718 | 0.0026         | 0.0051 | 0.0077 | 0.0102 | 0.0128 | 0.0153 | 0.0179 | 0.0204 | 0.0230 | 0.0255      |        |     |     |     |
| LSHP3.000-0030-316 | 0.0015         | 0.0029 | 0.0044 | 0.0059 | 0.0073 | 0.0088 | 0.0103 | 0.0117 | 0.0132 | 0.0147      | 0.0293 |     |     |     |
| LSHP3.000-0030-625 | 0.0014         | 0.0027 | 0.0041 | 0.0054 | 0.0068 | 0.0081 | 0.0095 | 0.0109 | 0.0122 | 0.0136      | 0.0271 |     |     |     |
| LSHP3.000-0030-718 | 0.0014         | 0.0028 | 0.0042 | 0.0056 | 0.0070 | 0.0084 | 0.0098 | 0.0112 | 0.0125 | 0.0139      | 0.0279 |     |     |     |

Deflections listed are simulated results. Actual results may vary.

### Part Number Structure

LSHP3.000-0020-718



### Raw Material Type

718 = Inconel 718 per AMS 5596  
 316 = Stainless Steel 316L per AMS 5507  
 625 = Inconel 625 per AMS 5599

### Hudson Technologies

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