



## Standard Material

Polyurethane 93 Shore A

Color: Green, blue or negotiable

## Description

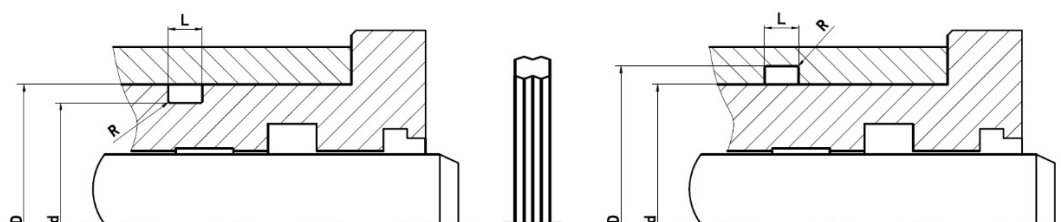
JB-17 is a high efficiency static seal, is usually used as alternative of the o-ring and anti-extrusion ring for high pressure applicatoin. The special "dumbbell" profile design avoids spiral failure in heavy duty condition and improves the resistance of twisting.

## Feature

- Good stability under impact pressure
- Extrusion and torsion resistance
- Low risk of contamination
- Long service life
- Easy to install

## Technical Data

| Speed | Pressure | Temperature | Media                                            | Dia. range |
|-------|----------|-------------|--------------------------------------------------|------------|
| -     | ≤50MPa   | -45℃ +110℃  | Mineral oil and grease, non-aggressive gas, etc. | 15-280 mm  |



## Installation Dimensions

| DN H8 | D1 h9 | L +0,2 | r ±0.2 |
|-------|-------|--------|--------|
| 6.0   | 4.6   | 2.4    | 0.3    |
| 10.0  | 7.6   | 3.6    | 0.3    |
| 11.0  | 8.6   | 2.6    | 0.3    |
| 12.0  | 9.6   | 3.6    | 0.3    |
| 13.8  | 9.2   | 3.1    | 0.3    |
| 15.0  | 12.6  | 3.6    | 0.3    |
| 15.5  | 13.1  | 3.6    | 0.3    |
| 16.0  | 13.6  | 3.6    | 0.3    |
| 16.6  | 12.0  | 3.1    | 0.3    |
| 17.0  | 14.6  | 2.6    | 0.3    |
| 17.0  | 14.6  | 3.6    | 0.3    |
| 17.5  | 15.1  | 2.6    | 0.3    |
| 17.5  | 15.1  | 3.6    | 0.3    |
| 18.0  | 14.0  | 5.8    | 0.3    |

| DN H8 | D1 h9 | L +0,2 | r ±0.2 |
|-------|-------|--------|--------|
| 18.0  | 15.6  | 3.6    | 0.3    |
| 19.0  | 15.6  | 3.6    | 0.3    |
| 19.0  | 15.6  | 4.4    | 0.3    |
| 19.0  | 16.6  | 2.6    | 0.3    |
| 19.0  | 16.6  | 3.6    | 0.3    |
| 20.0  | 16.0  | 5.8    | 0.3    |
| 20.0  | 16.6  | 3.6    | 0.3    |
| 20.0  | 16.6  | 3.8    | 0.3    |
| 20.0  | 16.6  | 4.4    | 0.3    |
| 20.0  | 17.6  | 3.6    | 0.3    |
| 20.5  | 17.2  | 5.0    | 0.3    |
| 21.0  | 17.6  | 4.4    | 0.3    |
| 21.0  | 18.6  | 3.6    | 0.3    |
| 21.5  | 18.1  | 4.4    | 0.3    |



| DN H8 | D1 h9 | L +0,2 | r ±0.2 |
|-------|-------|--------|--------|
| 21.5  | 19.1  | 2.6    | 0.3    |
| 22.0  | 19.6  | 3.6    | 0.3    |
| 23.0  | 19.6  | 4.4    | 0.3    |
| 23.0  | 20.6  | 3.6    | 0.3    |
| 24.0  | 20.0  | 4.4    | 0.3    |
| 24.0  | 20.0  | 4.8    | 0.3    |
| 24.0  | 21.6  | 3.6    | 0.3    |
| 26.0  | 22.0  | 4.4    | 0.3    |
| 26.8  | 22.0  | 5.4    | 0.3    |
| 28.0  | 23.8  | 5.0    | 0.3    |
| 28.6  | 25.6  | 3.6    | 0.3    |
| 28.6  | 25.6  | 3.8    | 0.3    |
| 30.0  | 25.1  | 4.4    | 0.3    |
| 30.0  | 25.4  | 5.4    | 0.3    |
| 31.0  | 26.4  | 5.0    | 0.3    |
| 32.0  | 27.4  | 5.4    | 0.3    |
| 33.0  | 20.0  | 15.6   | 0.6    |
| 34.0  | 28.4  | 5.3    | 0.3    |
| 34.0  | 31.1  | 3.6    | 0.3    |
| 35.0  | 30.4  | 4.7    | 0.3    |
| 35.0  | 30.4  | 5.0    | 0.3    |
| 35.5  | 30.9  | 5.0    | 0.3    |
| 36.0  | 32.0  | 6.2    | 0.3    |
| 38.0  | 32.4  | 5.3    | 0.3    |
| 40.0  | 35.2  | 5.1    | 0.3    |
| 40.0  | 35.2  | 5.4    | 0.3    |
| 40.0  | 35.4  | 5.4    | 0.3    |
| 42.0  | 36.0  | 5.0    | 0.3    |
| 42.0  | 38.0  | 3.6    | 0.3    |
| 42.8  | 38.0  | 6.8    | 0.3    |
| 43.4  | 37.8  | 6.2    | 0.3    |
| 45.0  | 35.8  | 9.7    | 0.3    |
| 45.0  | 40.0  | 5.4    | 0.3    |
| 45.0  | 41.0  | 5.0    | 0.3    |
| 46.0  | 41.5  | 5.3    | 0.3    |
| 48.0  | 53.0  | 5.0    | 0.3    |
| 50.0  | 40.8  | 9.7    | 0.6    |
| 50.0  | 43.8  | 5.6    | 0.3    |
| 50.0  | 44.6  | 6.2    | 0.3    |
| 50.0  | 45.4  | 3.9    | 0.3    |
| 50.0  | 45.4  | 5.4    | 0.3    |
| 53.0  | 48.5  | 5.3    | 0.3    |
| 55.0  | 45.8  | 9.8    | 0.3    |
| 55.0  | 49.6  | 6.2    | 0.3    |
| 55.0  | 49.9  | 5.3    | 0.3    |

| DN H8 | D1 h9 | L +0,2 | r ±0.2 |
|-------|-------|--------|--------|
| 55.0  | 50.0  | 6.7    | 0.3    |
| 55.0  | 51.0  | 3.8    | 0.3    |
| 57.0  | 52.2  | 4.1    | 0.3    |
| 58.0  | 50.0  | 9.0    | 0.3    |
| 60.0  | 50.8  | 9.7    | 0.6    |
| 60.0  | 54.4  | 5.8    | 0.3    |
| 60.0  | 54.6  | 6.2    | 0.3    |
| 63.0  | 53.8  | 9.7    | 0.3    |
| 63.0  | 56.6  | 6.4    | 0.3    |
| 63.0  | 57.4  | 4.8    | 0.3    |
| 63.0  | 57.6  | 6.2    | 0.3    |
| 63.0  | 58.4  | 5.4    | 0.3    |
| 65.0  | 59.4  | 5.0    | 0.3    |
| 65.0  | 59.6  | 6.2    | 0.3    |
| 65.0  | 60.0  | 5.0    | 0.3    |
| 68.0  | 62.7  | 5.0    | 0.3    |
| 69.6  | 65.0  | 3.9    | 0.3    |
| 70.0  | 64.6  | 6.3    | 0.3    |
| 70.0  | 65.0  | 5.0    | 0.3    |
| 70.0  | 66.4  | 6.2    | 0.3    |
| 72.0  | 66.4  | 5.0    | 0.3    |
| 73.5  | 70.0  | 5.0    | 0.3    |
| 74.6  | 70.0  | 3.8    | 0.3    |
| 75.0  | 65.8  | 9.7    | 0.6    |
| 75.0  | 69.4  | 5.3    | 0.3    |
| 75.0  | 69.6  | 6.2    | 0.4    |
| 76.0  | 70.2  | 4.5    | 0.3    |
| 76.6  | 72.0  | 4.8    | 0.3    |
| 77.0  | 70.8  | 6.2    | 0.3    |
| 78.0  | 73.0  | 5.0    | 0.3    |
| 80.0  | 70.8  | 9.0    | 0.6    |
| 80.0  | 70.8  | 9.7    | 0.6    |
| 80.0  | 73.6  | 6.4    | 0.3    |
| 80.0  | 73.8  | 6.9    | 0.3    |
| 80.0  | 74.4  | 5.3    | 0.3    |
| 80.0  | 75.4  | 5.4    | 0.3    |
| 80.0  | 76.0  | 3.6    | 0.3    |
| 81.0  | 75.1  | 4.5    | 0.3    |
| 85.0  | 79.4  | 5.3    | 0.3    |
| 85.1  | 80.5  | 3.9    | 0.3    |
| 90.0  | 81.4  | 9.0    | 0.3    |
| 90.0  | 83.0  | 6.5    | 0.3    |
| 90.0  | 84.4  | 4.8    | 0.3    |
| 93.0  | 87.4  | 5.3    | 0.3    |
| 95.0  | 89.4  | 6.2    | 0.3    |



| DN H8 | D1 h9 | L +0,2 | r ±0.2 |  | DN H8 | D1 h9 | L +0,2 | r ±0.2 |
|-------|-------|--------|--------|--|-------|-------|--------|--------|
| 97.0  | 91.4  | 4.8    | 0.3    |  | 160.0 | 148.4 | 12.3   | 0.6    |
| 100.0 | 90.8  | 9.7    | 0.3    |  | 160.0 | 150.8 | 9.7    | 0.6    |
| 100.0 | 91.4  | 9.0    | 0.3    |  | 165.0 | 153.4 | 12.3   | 0.6    |
| 100.0 | 91.6  | 8.6    | 0.3    |  | 165.0 | 155.8 | 9.7    | 0.6    |
| 100.0 | 93.8  | 6.9    | 0.3    |  | 165.0 | 156.6 | 8.6    | 0.3    |
| 101.0 | 94.7  | 5.2    | 0.3    |  | 170.0 | 158.4 | 12.3   | 0.6    |
| 102.0 | 95.8  | 6.2    | 0.3    |  | 170.0 | 160.8 | 9.7    | 0.6    |
| 105.0 | 96.4  | 9.0    | 0.3    |  | 180.0 | 168.4 | 12.3   | 0.6    |
| 110.0 | 100.8 | 9.7    | 0.6    |  | 180.0 | 170.8 | 9.7    | 0.6    |
| 110.0 | 101.4 | 9.0    | 0.3    |  | 180.0 | 171.6 | 8.6    | 0.3    |
| 114.0 | 107.8 | 6.2    | 0.3    |  | 190.0 | 178.4 | 12.3   | 0.6    |
| 115.0 | 106.6 | 8.6    | 0.6    |  | 200.0 | 188.4 | 12.3   | 0.6    |
| 125.0 | 115.8 | 9.7    | 0.6    |  | 200.0 | 190.8 | 9.7    | 0.6    |
| 125.0 | 116.4 | 9.2    | 0.3    |  | 200.0 | 191.6 | 8.6    | 0.3    |
| 125.0 | 116.6 | 8.6    | 0.3    |  | 225.0 | 213.0 | 10.9   | 0.6    |
| 140.0 | 128.4 | 12.3   | 0.6    |  | 250.0 | 238.0 | 10.9   | 0.6    |
| 140.0 | 130.8 | 9.7    | 0.6    |  | 250.0 | 238.4 | 12.3   | 0.6    |
| 140.0 | 131.6 | 8.6    | 0.3    |  | 250.0 | 240.8 | 9.7    | 0.6    |
| 150.0 | 138.4 | 12.3   | 0.6    |  | 270.0 | 258.4 | 12.3   | 0.6    |
| 150.0 | 140.8 | 9.7    | 0.6    |  | 280.0 | 268.0 | 10.9   | 0.6    |
| 150.0 | 141.6 | 8.6    | 0.3    |  |       |       |        |        |

Note: Sizes in blue mean mold specification available, other specifications on request, we also provide customized machining seals.



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