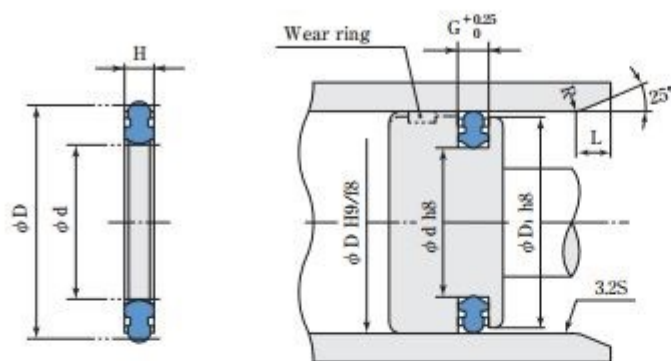




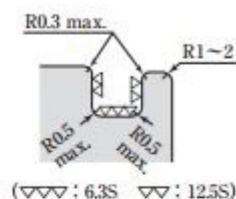
## Pneumatic packings for pistons (Installable in one-piece groove)

# PSD-Packings

Dimension table



Details of groove



- Note:
- Consider adopting divided grooves if one-piece groove is technically adverse.
  - $\phi D_{H9/8}$  would be modified according to the variation of the bearing structure.
  - For applications installed together with wear rings, refer to the dimension table of the applicable wear ring.
  - For information on preferred values of surface finish (roughness), see page 14.

Dimension table of PSD-Packings

(Unit : mm)

| Packing & Groove dimensions |      |      |     |                |     | Part No.                     |                                                    |
|-----------------------------|------|------|-----|----------------|-----|------------------------------|----------------------------------------------------|
| D                           | d    | H    | G   | D <sub>1</sub> | L   | Standard material<br>(RN713) | High temperature-<br>resistant material<br>(RF704) |
| 10                          | 5.4  | 1.6  | 1.8 | 9.7            | 1   | PSD- 10                      | PSD- 10F                                           |
| 12                          | 7.4  | 1.6  | 1.8 | 11.7           | 1   | PSD- 12                      | PSD- 12F                                           |
| 15                          | 10.4 | 1.6  | 1.8 | 14.7           | 1   | PSD- 15                      | PSD- 15F                                           |
| 16                          | 11.4 | 1.6  | 1.8 | 15.7           | 1   | PSD- 16                      | PSD- 16F                                           |
| 20                          | 14   | 2.24 | 2.4 | 19.5           | 1.5 | PSD- 20                      | PSD- 20F                                           |
| 25                          | 17   | 3    | 3.2 | 24.5           | 2   | PSD- 25                      | PSD- 25F                                           |
| 30                          | 22   | 3    | 3.2 | 29.5           | 2   | PSD- 30                      | PSD- 30F                                           |
| 32                          | 24   | 3    | 3.2 | 31.5           | 2   | PSD- 32                      | PSD- 32F                                           |
| 38                          | 30   | 3    | 3.2 | 37.5           | 2   | PSD -0038A02N713             |                                                    |
| 40                          | 32   | 3    | 3.2 | 39.5           | 2   | PSD- 40                      | PSD- 40F                                           |
| 44                          | 36   | 3    | 3.2 | 43.5           | 2   | PSD -0044A02N713             |                                                    |
| 50                          | 40   | 3.8  | 4   | 49.5           | 2.5 | PSD- 50                      | PSD- 50F                                           |
| 56                          | 46   | 3.8  | 4   | 55.5           | 2.5 | PSD -0056A02N713             |                                                    |
| 60                          | 50   | 3.8  | 4   | 59.5           | 2.5 | PSD -0060A03N713             |                                                    |
| 63                          | 53   | 3.8  | 4   | 62.4           | 2.5 | PSD- 63                      | PSD- 63F                                           |
| 70                          | 55   | 5.6  | 6   | 69.4           | 3   | PSD -0070A02N713             |                                                    |
| 75                          | 60   | 5.6  | 6   | 74.4           | 3   | PSD -0075A02N713             |                                                    |
| 80                          | 65   | 5.6  | 6   | 79.4           | 3   | PSD- 80                      | PSD- 80F                                           |
| 85                          | 70   | 5.6  | 6   | 84.4           | 3   | PSD -0085A02N713             |                                                    |
| 90                          | 75   | 5.6  | 6   | 89.4           | 3   | PSD -0090A02N713             |                                                    |
| 95                          | 80   | 5.6  | 6   | 94.4           | 3   | PSD -0095A02N713             |                                                    |
| 100                         | 85   | 5.6  | 6   | 99.4           | 3   | PSD-100                      | PSD-100F                                           |
| 110                         | 95   | 5.6  | 6   | 109.3          | 3   | PSD -0110A02N713             |                                                    |
| 120                         | 105  | 5.6  | 6   | 119.3          | 3.5 | PSD -0120A03N713             |                                                    |
| 125                         | 110  | 5.6  | 6   | 124.3          | 3.5 | PSD-125                      | PSD-125F                                           |
| 140                         | 125  | 5.6  | 6   | 139.3          | 3.5 | PSD-140                      | PSD-140F                                           |
| 150                         | 135  | 5.6  | 6   | 149.3          | 3.5 | PSD -0150A02N713             |                                                    |
| 160                         | 140  | 7.6  | 8   | 159.3          | 5   | PSD-160                      |                                                    |
| 180                         | 160  | 7.6  | 8   | 179.3          | 5   | PSD-180                      | PSD-180F                                           |
| 200                         | 180  | 7.6  | 8   | 199            | 5   | PSD -0200A03N713             | PSD -0200A04F704                                   |
| 250                         | 230  | 7.6  | 8   | 249            | 5   | PSD -0250A03N713             |                                                    |
| 300                         | 280  | 7.6  | 8   | 299            | 5   | PSD -0300A03N713             |                                                    |