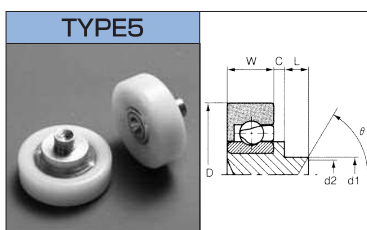
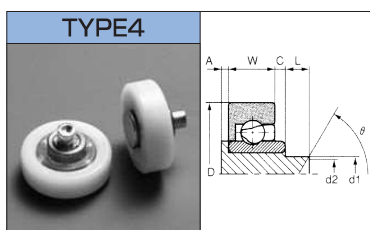
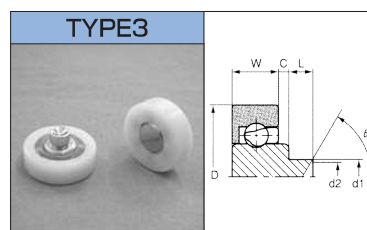
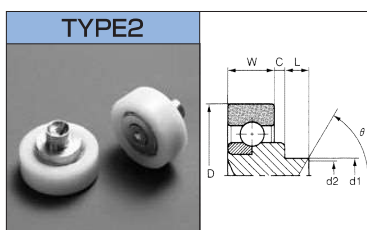
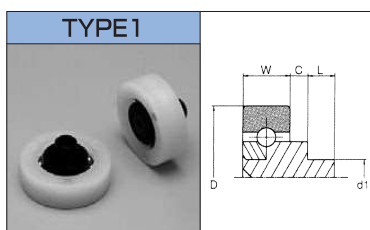


# D-SERIES BEARINGS

# DR-A

## DR-A



| Code   | Part No.              | D <sub>-0.05</sub><br>[mm] | d1 <sub>-0.1</sub><br>[mm] | W <sub>-0.2</sub><br>[mm] | C <sub>±0.4</sub><br>[mm] | L <sub>±0.2</sub><br>[mm] | (d2 × θ) <sup>*1</sup> | A <sub>±0.2</sub><br>[mm] | Load <sup>*2</sup><br>[N] (kgf) | Type | Q'ty<br>[pcs/box] | Gross Weight<br>[kg/box] |
|--------|-----------------------|----------------------------|----------------------------|---------------------------|---------------------------|---------------------------|------------------------|---------------------------|---------------------------------|------|-------------------|--------------------------|
| 000006 | DRS-9-A0.5            | 9 <sub>-0.05</sub>         | 2 <sub>-0.05</sub>         | 3 <sub>-0.1</sub>         | 0.5                       | 1.8                       | —                      | —                         | [9.8] ( 1 )                     | 1    | 10,000            | —                        |
| 000007 | DRS-12-A0.5           | 12 <sub>-0.05</sub>        | 3 <sub>-0.05</sub>         | 4 <sub>±0.1</sub>         | 0.5 <sub>±0.3</sub>       | 2.3                       | —                      | —                         | [9.8] ( 1 )                     | 1    | 10,000            | —                        |
| 000001 | DRS-16-A1             | 16 <sub>-0.3</sub>         | 4                          | 5 <sub>±0.2</sub>         | 1                         | 3.5                       | φ3 ×100°               | —                         | 19.6 ( 2 )                      | 2    | 2,000             | 9.0                      |
| 000003 | DRS-16-A1.5           | 16 <sub>-0.3</sub>         | 5                          | 6.35 <sub>±0.2</sub>      | 1.5                       | 3.5                       | φ4.5 × 90°             | —                         | 19.6 ( 2 )                      | 2    | 2,500             | 14.4                     |
| 000100 | DR-18-A0.5            | 18                         | 5                          | 6                         | 0.5                       | 3.5                       | φ4 ×120°               | —                         | 19.6 ( 2 )                      | 3    | 2,000             | 9.6                      |
| 000200 | DR-19-A0.5            | 19                         | 5                          | 6                         | 0.5                       | 3.5                       | φ4 ×120°               | —                         | 29.4 ( 3 )                      | 3    | 2,000             | 10.7                     |
| 000207 | DR-19-A2              | 19                         | 5                          | 6                         | 2                         | 3.5                       | φ4.4 ×120°             | —                         | 29.4 ( 3 )                      | 3    | 2,000             | 11.6                     |
| 000408 | DR-22-A-2.1           | 22                         | 5                          | 7                         | 0                         | 2.1                       | φ4 × 90°               | —                         | 78.4 ( 8 )                      | 3    | 1,000             | 7.4                      |
| 000400 | DR-22-A1              | 22                         | 5                          | 7                         | 1                         | 3.5                       | φ4.4 × 90°             | —                         | 78.4 ( 8 )                      | 3    | 1,000             | 9.0                      |
| 000410 | DR-22-A2-φ 6          | 22                         | 6                          | 7                         | 2                         | 3.5                       | φ5.5 × 90°             | —                         | 78.4 ( 8 )                      | 3    | 1,000             | 9.4                      |
| 000411 | DR-22-A2              | 22                         | 5                          | 7                         | 2                         | 3.5                       | φ4 × 90°               | —                         | 78.4 ( 8 )                      | 3    | 1,000             | 8.9                      |
| 000600 | DR-24-A1              | 24                         | 5                          | 7                         | 1                         | 3.5                       | φ4.4 × 90°             | —                         | 78.4 ( 8 )                      | 3    | 1,000             | 9.5                      |
| 000700 | DR-26-A1              | 26                         | 5                          | 7                         | 1                         | 3.5                       | φ4.4 × 90°             | —                         | 78.4 ( 8 )                      | 3    | 1,000             | 10.2                     |
| 000800 | DR-28-A1              | 28                         | 5                          | 7                         | 1                         | 3.5                       | φ4.4 × 90°             | —                         | 78.4 ( 8 )                      | 3    | 500               | 5.8                      |
| 000900 | DR-29-A1              | 29                         | 5                          | 7                         | 1                         | 3.5                       | φ4.4 × 90°             | —                         | 78.4 ( 8 )                      | 3    | 500               | 5.7                      |
| 000427 | DR-22-AH (1) 3.5-8019 | 22                         | 4.5 <sub>±0.1</sub>        | 7                         | 0                         | 3.5 <sub>±0.3</sub>       | nothing                | 1                         | 196 (20)                        | 4    | 1,000             | 9.1                      |
| 000419 | DR-22-AH2.5-3.65      | 22                         | 4.5 <sub>±0.1</sub>        | 7                         | 2.5                       | 3.65                      | φ2.5 ×100°             | 1                         | 196 (20)                        | 4    | 1,000             | 10.2                     |
| 000705 | DR-26-AH              | 26                         | 4.5 <sub>±0.1</sub>        | 7                         | 0                         | 3.5 <sub>±0.3</sub>       | nothing                | 1 <sub>±0.3</sub>         | 196 (20)                        | 4    | 1,000             | 10.2                     |
| 000707 | DR-26-AH2.5-3.65      | 26                         | 4.5 <sub>±0.1</sub>        | 7                         | 2.5                       | 3.65                      | φ2.5 ×100°             | 1                         | 196 (20)                        | 4    | 800               | 8.8                      |
| 040707 | DR-26-AH2.7-2.7       | 26                         | 3.9 <sub>-0.2</sub>        | 7                         | 2.7                       | 2.7                       | φ2.3 ×110°             | 1 <sub>±0.3</sub>         | 196 (20)                        | 4    | 800               | 8.8                      |
| 040706 | DR-26-AH2.7-4         | 26                         | 3.9 <sub>-0.2</sub>        | 7                         | 2.7                       | 4 <sub>±0.3</sub>         | φ2.7 ×120°             | 1 <sub>±0.3</sub>         | 196 (20)                        | 4    | 800               | 9.8                      |
| 000414 | DR-22-AH2.5           | 22                         | 5                          | 7                         | 2.5                       | 3.5                       | φ4 ×110°               | —                         | 196 (20)                        | 5    | 1,000             | 10.0                     |
| 000416 | DR-22-AH3.8-2.5       | 22                         | 4.9                        | 7                         | 3.8                       | 2.5                       | nothing                | —                         | 196 (20)                        | 5    | 1,000             | 10.6                     |
| 000417 | DR-22-AH4             | 22                         | 5                          | 7                         | 4                         | 3.5                       | φ4 ×110°               | —                         | 196 (20)                        | 5    | 1,000             | 10.8                     |
| 000706 | DR-26-AH4             | 26                         | 5                          | 7                         | 4                         | 3.5                       | φ4 ×110°               | —                         | 196 (20)                        | 5    | 800               | 9.8                      |

\*1 Reference Dimension

\*2 Allowable Load at 300min -1 (300r.p.m.)

Size limits can be modified for practical applications. Please contact our sales/engineering departments for further information and assistance.

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EMAIL : overseas@tok-bearing.co.jp

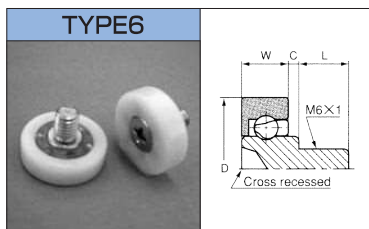
Product specification are subject to change without prior notice.

**Before assembly or use of any bearing, please read "Caution for Use"**

# D-SERIES BEARINGS

# DR-B

## DR-B



| Code   | Part No.        | D <sub>-0.1</sub><br>[mm] | W <sub>-0.2</sub><br>[mm] | C <sub>±0.4</sub><br>[mm] | L <sub>±0.5</sub><br>[mm] | Load <sup>*1</sup><br>[N] (kgf) | Type | Q'ty<br>[pcs/box] | Gross Weight<br>[kg/box] |
|--------|-----------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------------|------|-------------------|--------------------------|
| 020200 | DR-19-B0.5      | 19                        | 6                         | 0.5                       | 8                         | 49 ( 5)                         | 6    | 2,000             | 12.5                     |
| 020207 | DR-19-B1-14     | 19                        | 6                         | 1                         | 14                        | 49 ( 5)                         | 6    | 1,500             | 11.1                     |
| 020208 | DR-19-B1.5      | 19                        | 6                         | 1.5                       | 8                         | 49 ( 5)                         | 6    | 2,000             | 12.9                     |
| 020212 | DR-19-B3.5      | 19                        | 6                         | 3.5                       | 8                         | 49 ( 5)                         | 6    | 1,500             | 11.0                     |
| 020404 | DR-22-B0.5-4.5  | 22                        | 7                         | 0.5                       | 4.5                       | 196 (20)                        | 6    | 1,000             | 8.4                      |
| 020400 | DR-22-B0.5      | 22                        | 7                         | 0.5                       | 8                         | 196 (20)                        | 6    | 1,000             | 9.8                      |
| 020408 | DR-22-B1-10     | 22                        | 7                         | 1                         | 10                        | 196 (20)                        | 6    | 1,000             | 9.5                      |
| 020428 | DR-22-B3-10.5   | 22                        | 7                         | 3                         | 10.5                      | 196 (20)                        | 6    | 1,000             | 11.5                     |
| 020427 | DR-22-B3.6-12.4 | 22                        | 7                         | 3.6                       | 12.4                      | 196 (20)                        | 6    | 1,000             | 10.9                     |
| 020415 | DR-22-B3.6-14.5 | 22                        | 7                         | 3.6                       | 14.5                      | 196 (20)                        | 6    | 1,000             | 11.9                     |
| 020600 | DR-24-B0.5      | 24                        | 7                         | 0.5                       | 8                         | 196 (20)                        | 6    | 1,000             | 10.4                     |
| 020608 | DR-24-B3-10.5   | 24                        | 7                         | 3                         | 10.5                      | 196 (20)                        | 6    | 1,000             | 11.7                     |
| 020702 | DR-26-B0.5-4.5  | 26                        | 7                         | 0.5                       | 4.5                       | 196 (20)                        | 6    | 1,000             | 9.7                      |
| 020700 | DR-26-B0.5      | 26                        | 7                         | 0.5                       | 8                         | 196 (20)                        | 6    | 1,000             | 10.1                     |
| 020720 | DR-26-B3-10.5   | 26                        | 7                         | 3                         | 10.5                      | 196 (20)                        | 6    | 800               | 10.7                     |
| 020719 | DR-26-B3.6-12.4 | 26                        | 7                         | 3.6                       | 12.4                      | 196 (20)                        | 6    | 800               | 11.3                     |
| 020714 | DR-26-B5-11     | 26                        | 7                         | 5                         | 11                        | 196 (20)                        | 6    | 800               | 8.8                      |
| 020800 | DR-28-B0.5      | 28                        | 7                         | 0.5                       | 8                         | 196 (20)                        | 6    | 500               | 6.7                      |
| 020803 | DR-28-B2-15     | 28                        | 7                         | 2                         | 15                        | 196 (20)                        | 6    | 500               | 6.7                      |
| 020805 | DR-28-B3-10.5   | 28                        | 7                         | 3                         | 10.5                      | 196 (20)                        | 6    | 500               | 6.9                      |
| 021000 | DR-30-B0.5      | 30                        | 7                         | 0.5                       | 8                         | 196 (20)                        | 6    | 500               | 6.8                      |
| 021005 | DR-30-B3-10.5   | 30                        | 7                         | 3                         | 10.5                      | 196 (20)                        | 6    | 500               | 7.6                      |
| 021004 | DR-30-B3.6-12.4 | 30                        | 7                         | 3.6                       | 12.4                      | 196 (20)                        | 6    | 500               | 12.5                     |

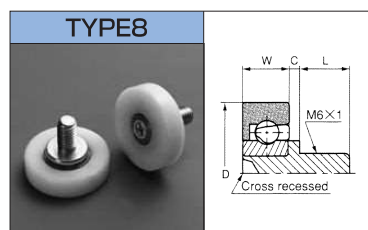
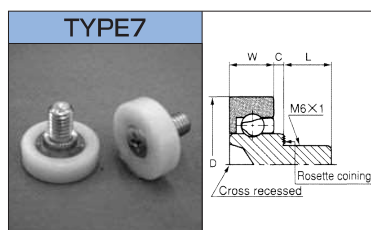
\*1 Allowable Load at 300min -1 (300r.p.m.)

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# D-SERIES BEARINGS

# DR-B

## DR-B



| Code   | Part No.     | D <sub>-0.1</sub><br>[mm] | W <sub>-0.2</sub><br>[mm] | C <sub>±0.4</sub><br>[mm] | L <sub>±0.5</sub><br>[mm] | Load <sup>*1</sup><br>[N] (kgf) | Type | Q'ty<br>[pcs/box] | Gross Weight<br>[kg/box] |
|--------|--------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------------|------|-------------------|--------------------------|
| 020205 | DR-19-B1-5.5 | 19                        | 6                         | 1                         | 5.5                       | 49 ( 5)                         | 7    | 2,000             | 11.5                     |
| 020204 | DR-19-B1     | 19                        | 6                         | 1                         | 8                         | 49 ( 5)                         | 7    | 2,000             | 13.5                     |
| 020210 | DR-19-B2-4.5 | 19                        | 6                         | 2                         | 4.5                       | 49 ( 5)                         | 7    | 2,000             | 12.1                     |
| 020209 | DR-19-B2     | 19                        | 6                         | 2                         | 8                         | 49 ( 5)                         | 7    | 2,000             | 14.0                     |
| 020211 | DR-19-B2.7   | 19                        | 6                         | 2.7                       | 8                         | 49 ( 5)                         | 7    | 1,500             | 10.2                     |
| 020214 | DR-19-B3     | 19                        | 6                         | 3                         | 8                         | 49 ( 5)                         | 7    | 1,500             | 10.7                     |
| 020406 | DR-22-B1     | 22                        | 7                         | 1                         | 8                         | 196 (20)                        | 7    | 1,000             | 9.0                      |
| 020411 | DR-22-B2-5.5 | 22                        | 7                         | 2                         | 5.5                       | 196 (20)                        | 7    | 1,000             | 9.3                      |
| 020409 | DR-22-B2     | 22                        | 7                         | 2                         | 8                         | 196 (20)                        | 7    | 1,000             | 10.3                     |
| 020413 | DR-22-B3     | 22                        | 7                         | 3                         | 8                         | 196 (20)                        | 7    | 1,000             | 11.3                     |
| 020418 | DR-22-B4-4.5 | 22                        | 7                         | 4                         | 4.5                       | 196 (20)                        | 7    | 1,000             | 10.3                     |
| 020416 | DR-22-B4     | 22                        | 7                         | 4                         | 8                         | 196 (20)                        | 7    | 1,000             | 11.7                     |
| 020420 | DR-22-B5     | 22                        | 7                         | 5                         | 8                         | 196 (20)                        | 7    | 1,000             | 12.3                     |
| 020422 | DR-22-B6     | 22                        | 7                         | 6                         | 8                         | 196 (20)                        | 7    | 1,000             | 12.8                     |
| 020602 | DR-24-B2     | 24                        | 7                         | 2                         | 8                         | 196 (20)                        | 7    | 1,000             | 11.4                     |
| 020604 | DR-24-B3     | 24                        | 7                         | 3                         | 8                         | 196 (20)                        | 7    | 1,000             | 11.7                     |
| 020605 | DR-24-B4     | 24                        | 7                         | 4                         | 8                         | 196 (20)                        | 7    | 1,000             | 12.4                     |
| 020606 | DR-24-B5     | 24                        | 7                         | 5                         | 8                         | 196 (20)                        | 7    | 1,000             | 12.5                     |
| 020607 | DR-24-B6     | 24                        | 7                         | 6                         | 8                         | 196 (20)                        | 7    | 1,000             | 13.3                     |
| 020705 | DR-26-B2     | 26                        | 7                         | 2                         | 8                         | 196 (20)                        | 7    | 800               | 9.2                      |
| 020707 | DR-26-B3     | 26                        | 7                         | 3                         | 8                         | 196 (20)                        | 7    | 800               | 9.7                      |
| 020710 | DR-26-B4     | 26                        | 7                         | 4                         | 8                         | 196 (20)                        | 7    | 800               | 10.1                     |
| 020716 | DR-26-B6-6   | 26                        | 7                         | 6                         | 6                         | 196 (20)                        | 7    | 800               | 10.7                     |
| 020715 | DR-26-B6     | 26                        | 7                         | 6                         | 8                         | 196 (20)                        | 7    | 800               | 11.1                     |
| 020801 | DR-28-B2     | 28                        | 7                         | 2                         | 8                         | 196 (20)                        | 7    | 500               | 6.7                      |
| 021002 | DR-30-B3     | 30                        | 7                         | 3                         | 8                         | 196 (20)                        | 7    | 500               | 11.3                     |
| 020429 | DR-22-BH2-11 | 22                        | 7                         | 2                         | 11                        | 196 (20)                        | 8    | 1,000             | 12.3                     |
| 020430 | DR-22-BH3-11 | 22                        | 7                         | 3                         | 11                        | 196 (20)                        | 8    | 1,000             | 11.4                     |
| 020722 | DR-26-BH2-11 | 26                        | 7                         | 2                         | 11                        | 196 (20)                        | 8    | 800               | 10.6                     |
| 020804 | DR-28-BH2-11 | 28                        | 7                         | 2                         | 11                        | 196 (20)                        | 8    | 500               | 6.9                      |

\*1 Allowable Load at 300min -1 (300r.p.m.)

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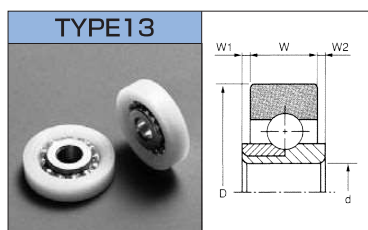
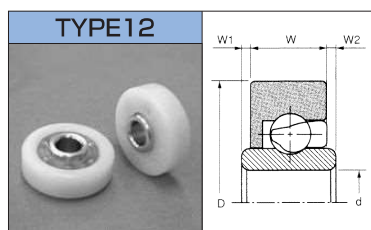
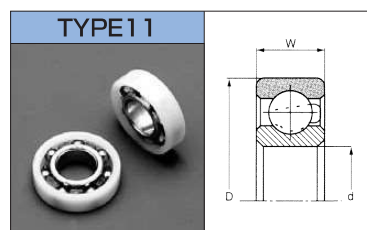
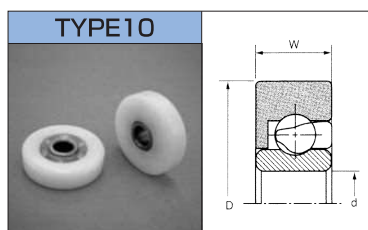
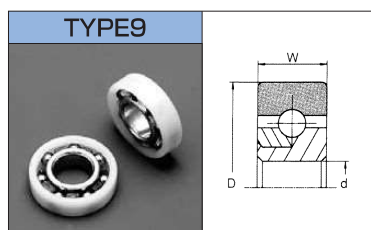
Product specification are subject to change without prior notice.

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# D-SERIES BEARINGS

# DR-H

## DR-H



| Code   | Part No.          | D <sub>-0.1</sub><br>[mm] | d <sub>+0.1</sub><br>[mm] | W <sub>-0.2</sub><br>[mm] | W1 *1<br>[mm] | W2 *1<br>[mm] | Load *2<br>[N] (kgf) | Type | Q'ty<br>[pcs/box] | Gross Weight<br>[kg/box] |
|--------|-------------------|---------------------------|---------------------------|---------------------------|---------------|---------------|----------------------|------|-------------------|--------------------------|
| 040012 | DRS-9-H2.5        | 9 <sub>-0.05</sub>        | 2.5 <sub>+0.05</sub>      | 3 <sub>±0.1</sub>         | —             | —             | 9.8 ( 1)             | 9    | 10,000            | —                        |
| 040013 | DRS-12-H3         | 12 <sub>-0.05</sub>       | 3 <sub>+0.05</sub>        | 4 <sub>±0.1</sub>         | —             | —             | 9.8 ( 1)             | 9    | 10,000            | —                        |
| 040100 | DR-18-H6          | 18                        | 6                         | 6                         | —             | —             | 49 ( 5)              | 10   | 2,500             | 7.6                      |
| 040202 | DR-19-H5          | 19                        | 5                         | 6                         | —             | —             | 49 ( 5)              | 10   | 2,500             | 8.9                      |
| 040205 | DR-19-H6          | 19                        | 6                         | 6                         | —             | —             | 49 ( 5)              | 10   | 2,500             | 8.1                      |
| 040301 | DR-20-H8          | 20                        | 8                         | 6 <sub>±0.1</sub>         | —             | —             | 29.4 ( 3)            | 10   | 1,500             | 6.1                      |
| 040401 | DR-22-H6          | 22                        | 6                         | 7                         | —             | —             | 196 (20)             | 10   | 1,500             | 9.5                      |
| 040412 | DR-22-H8          | 22                        | 8                         | 7                         | —             | —             | 49 ( 5)              | 10   | 1,500             | 8.2                      |
| 040600 | DR-24-H6          | 24                        | 6                         | 7                         | —             | —             | 196 (20)             | 10   | 1,000             | 7.1                      |
| 040602 | DR-24-H10.5       | 24                        | 10.5                      | 7                         | —             | —             | 49 ( 5)              | 10   | 1,000             | 11.5                     |
| 040701 | DR-26-H6          | 26                        | 6                         | 7                         | —             | —             | 196 (20)             | 10   | 1,000             | 7.8                      |
| 041600 | DR-26-H10         | 26                        | 10                        | 8                         | —             | —             | 196 (20)             | 10   | 1,000             | 7.9                      |
| 040800 | DR-28-H6          | 28                        | 6                         | 7                         | —             | —             | 196 (20)             | 10   | 500               | 4.2                      |
| 041000 | DR-30-H6          | 30                        | 6                         | 7                         | —             | —             | 196 (20)             | 10   | 500               | 5.6                      |
| 041610 | DR-30-H10-9       | 30                        | 10                        | 9                         | —             | —             | 245 (25)             | 10   | 500               | 7.7                      |
| 041005 | DR-30-H10-8       | 30                        | 10                        | 8 <sub>±0.1</sub>         | —             | —             | 245 (25)             | 10   | 500               | 6.7                      |
| 041612 | DR-32-H12         | 32                        | 12                        | 10                        | —             | —             | 294 (30)             | 10   | 500               | 9.6                      |
| 041100 | DR-35-H6          | 35                        | 6                         | 7                         | —             | —             | 196 (20)             | 10   | 500               | 5.7                      |
| 041614 | DR-35-H15         | 35                        | 15                        | 11 <sub>±0.2</sub>        | —             | —             | 294 (30)             | 10   | 400               | 10.6                     |
| 041151 | DR-38-H10         | 38                        | 10                        | 8 <sub>±0.2</sub>         | —             | —             | 196 (20)             | 10   | 500               | 6.1                      |
| 041200 | DR-40-H6          | 40 <sub>-0.2</sub>        | 6                         | 8                         | —             | —             | 196 (20)             | 10   | 400               | 5.4                      |
| 041616 | DR-40-H17         | 40                        | 17                        | 12 <sub>±0.2</sub>        | —             | —             | 294 (30)             | 10   | 250               | 6.9                      |
| 041618 | DR-47-H20         | 47                        | 20                        | 14                        | —             | —             | 343 (35)             | 10   | 150               | 8.7                      |
| 040102 | DR-18-H8          | 18                        | 8                         | 5                         | —             | —             | 49 ( 5)              | 11   | 3,000             | 8.7                      |
| 040007 | DR-16-H4.1W0.25   | 16                        | 4.1                       | 4                         | 0.25          | 0.25          | 19.6 ( 2)            | 12   | 4,000             | 9.6                      |
| 040200 | DR-19-H4W (1.3) 3 | 19                        | 4                         | 6                         | 1.3           | 3             | 49 ( 5)              | 12   | 1,500             | 8.2                      |
| 040204 | DR-19-H5W (0) 2.3 | 19                        | 5                         | 6                         | 0             | 2.3           | 49 ( 5)              | 12   | 2,000             | 8.6                      |
| 040400 | DR-22-H4W (0.5) 3 | 22                        | 4                         | 7                         | 0.5           | 3             | 196 (20)             | 12   | 1,000             | 8.3                      |
| 040415 | DR-22-H6W1        | 22                        | 6                         | 7                         | 1             | 1             | 196 (20)             | 12   | 1,000             | 6.6                      |
| 040601 | DR-24-H6W1        | 24                        | 6                         | 7                         | 1             | 1             | 196 (20)             | 12   | 1,000             | 7.3                      |
| 040700 | DR-26-H4W (0.5) 3 | 26                        | 4                         | 7                         | 0.5           | 3             | 196 (20)             | 12   | 1,000             | 9.7                      |
| 040704 | DR-26-H6W1        | 26                        | 6                         | 7                         | 1             | 1             | 196 (20)             | 12   | 1,000             | 8.8                      |
| 040802 | DR-28-H6W1        | 28                        | 6                         | 7                         | 1             | 1             | 196 (20)             | 12   | 500               | 4.5                      |
| 041003 | DR-30-H6W1        | 30                        | 6                         | 7                         | 1             | 1             | 196 (20)             | 12   | 500               | 6.4                      |
| 041101 | DR-35-H6W1        | 35                        | 6                         | 7                         | 1             | 1             | 196 (20)             | 12   | 500               | 6.8                      |
| 041201 | DR-40-H6W0.5      | 40 <sub>-0.2</sub>        | 6                         | 8                         | 0.5           | 0.5           | 196 (20)             | 12   | 400               | 5.5                      |
| 041300 | DR-47-H8W (0) 9   | 47                        | 8                         | 14                        | 0             | 9             | 196 (20)             | 12   | 100               | 3.5                      |
| 040005 | DRS-16-H4.1W0.25  | 16                        | 4.1                       | 3.5 <sub>±0.2</sub>       | 0.25          | 0.25          | 49 ( 5)              | 13   | 5,000             | 11.0                     |

\*1 Reference Dimension

\*2 Allowable Load at 300min -1 (300r.p.m.)

Size limits can be modified for practical applications. Please contact our sales/engineering departments for further information and assistance.

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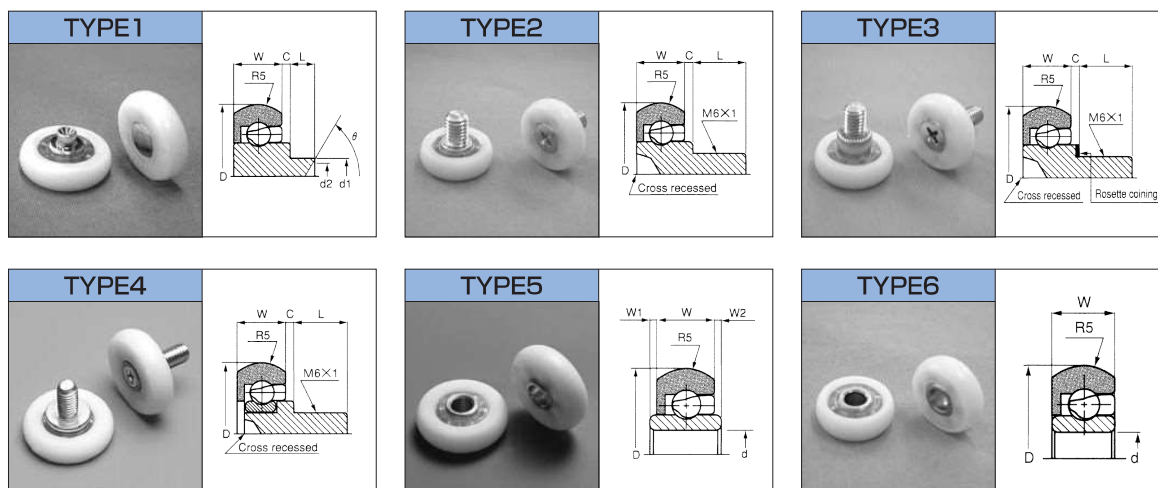
Product specification are subject to change without prior notice.

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# D-SERIES BEARINGS

# DO

# DO



| Code   | Part No.       | D <sub>-0.2</sub><br>[mm] | d <sub>+0.1</sub><br>[mm] | d1 <sub>-0.1</sub><br>[mm] | W <sub>-0.2</sub><br>[mm]      | C <sub>±0.4</sub><br>[mm] | L <sub>±0.2</sub><br>[mm] | (d2×θ) <sup>*1</sup> | W1 <sup>*1</sup><br>[mm] | W2 <sup>*1</sup><br>[mm] | Load <sup>*2</sup><br>[N] (kgf) | Type | Q'ty<br>[pcs/box] | Gross Weight<br>[kg/box] |
|--------|----------------|---------------------------|---------------------------|----------------------------|--------------------------------|---------------------------|---------------------------|----------------------|--------------------------|--------------------------|---------------------------------|------|-------------------|--------------------------|
| 070010 | DO-19-A0.5     | 19                        | —                         | 5                          | 6                              | 0.5                       | 3.5                       | φ4 ×120°             | —                        | —                        | 29.4 ( 3)                       | 1    | 2,000             | 10.8                     |
| 070020 | DO-22-A1       | 22                        | —                         | 5                          | 7                              | 1                         | 3.5                       | φ4.4× 90°            | —                        | —                        | 78.4 ( 8)                       | 1    | 1,000             | 8.9                      |
| 070021 | DO-22-A3       | 22                        | —                         | 5                          | 7                              | 3                         | 3.5                       | φ4 × 90°             | —                        | —                        | 78.4 ( 8)                       | 1    | 1,000             | 9.3                      |
| 070030 | DO-24-A1       | 24                        | —                         | 5                          | 7                              | 1                         | 3.5                       | φ4.4× 90°            | —                        | —                        | 78.4 ( 8)                       | 1    | 1,000             | 9.8                      |
| 070040 | DO-26-A1       | 26                        | —                         | 5                          | 7                              | 1                         | 3.5                       | φ4.4× 90°            | —                        | —                        | 78.4 ( 8)                       | 1    | 1,000             | 10.3                     |
| 071010 | DO-19-B0.5     | 19                        | —                         | —                          | 6                              | 0.5                       | 8 <sup>±0.5</sup>         | —                    | —                        | —                        | 49 ( 5)                         | 2    | 2,000             | 12.5                     |
| 071012 | DO-19-B0.5-4.5 | 19                        | —                         | —                          | 6                              | 0.5                       | 4.5 <sup>±0.5</sup>       | —                    | —                        | —                        | 49 ( 5)                         | 2    | 2,000             | 10.3                     |
| 071020 | DO-22-B0.5     | 22                        | —                         | —                          | 7                              | 0.5                       | 8 <sup>±0.5</sup>         | —                    | —                        | —                        | 196 (20)                        | 2    | 1,000             | 9.3                      |
| 071026 | DO-22-B3-10.5  | 22                        | —                         | —                          | 7                              | 3                         | 10.5 <sup>±0.5</sup>      | —                    | —                        | —                        | 196 (20)                        | 2    | 1,000             | 10.4                     |
| 071030 | DO-24-B0.5     | 24                        | —                         | —                          | 7                              | 0.5                       | 8 <sup>±0.5</sup>         | —                    | —                        | —                        | 196 (20)                        | 2    | 1,000             | 10.3                     |
| 071040 | DO-26-B0.5     | 26                        | —                         | —                          | 7                              | 0.5                       | 8 <sup>±0.5</sup>         | —                    | —                        | —                        | 196 (20)                        | 2    | 1,000             | 10.7                     |
| 071050 | DO-28-B0.5     | 28                        | —                         | —                          | 7                              | 0.5                       | 8 <sup>±0.5</sup>         | —                    | —                        | —                        | 196 (20)                        | 2    | 500               | 6.3                      |
| 071023 | DO-22-B5       | 22                        | —                         | —                          | 7                              | 5                         | 8 <sup>±0.5</sup>         | —                    | —                        | —                        | 196 (20)                        | 3    | 1,000             | 11.2                     |
| 071031 | DO-24-B2       | 24                        | —                         | —                          | 7                              | 2                         | 8 <sup>±0.5</sup>         | —                    | —                        | —                        | 196 (20)                        | 3    | 1,000             | 10.8                     |
| 071032 | DO-24-B3       | 24                        | —                         | —                          | 7                              | 3                         | 8 <sup>±0.5</sup>         | —                    | —                        | —                        | 196 (20)                        | 3    | 1,000             | 11.8                     |
| 071034 | DO-24-B4       | 24                        | —                         | —                          | 7                              | 4                         | 8 <sup>±0.5</sup>         | —                    | —                        | —                        | 196 (20)                        | 3    | 1,000             | 11.6                     |
| 071060 | DO-30-B3       | 30                        | —                         | —                          | 7                              | 3                         | 8 <sup>±0.5</sup>         | —                    | —                        | —                        | 196 (20)                        | 3    | 500               | 6.4                      |
| 071035 | DO-24-BH0.5    | 24                        | —                         | —                          | 7                              | 0.5                       | 8 <sup>±0.5</sup>         | —                    | —                        | —                        | 196 (20)                        | 4    | 1,000             | 8.8                      |
| 071045 | DO-26-BH2-11   | 26                        | —                         | —                          | 7                              | 2                         | 11 <sup>±0.5</sup>        | —                    | —                        | —                        | 196 (20)                        | 4    | 800               | 10.1                     |
| 072031 | DO-24-H6W1     | 24                        | 6                         | —                          | 7                              | —                         | —                         | —                    | 1                        | 1                        | 196 (20)                        | 5    | 1,000             | 7.8                      |
| 072043 | DO-26-H6W1     | 26                        | 6                         | —                          | 7                              | —                         | —                         | —                    | 1                        | 1                        | 196 (20)                        | 5    | 1,000             | 8.5                      |
| 072072 | DO-35-H6W1     | 35                        | 6                         | —                          | 7                              | —                         | —                         | —                    | 1                        | 1                        | 196 (20)                        | 5    | 500               | 5.1                      |
| 072080 | DO-40-H6W0.5   | 40                        | 6                         | —                          | 8 <sub>-0.3</sub> <sup>0</sup> | —                         | —                         | —                    | 0.5                      | 0.5                      | 196 (20)                        | 5    | 400               | 4.5                      |
| 072000 | DO-18-H5       | 18                        | 5                         | —                          | 6                              | —                         | —                         | —                    | —                        | —                        | 49 ( 5)                         | 6    | 2,500             | 8.1                      |
| 072010 | DO-19-H5       | 19                        | 5                         | —                          | 6                              | —                         | —                         | —                    | —                        | —                        | 49 ( 5)                         | 6    | 2,500             | 9.8                      |
| 072020 | DO-22-H6       | 22                        | 6                         | —                          | 7                              | —                         | —                         | —                    | —                        | —                        | 196 (20)                        | 6    | 1,500             | 8.9                      |
| 072030 | DO-24-H6       | 24                        | 6                         | —                          | 7                              | —                         | —                         | —                    | —                        | —                        | 196 (20)                        | 6    | 1,000             | 7.3                      |
| 072040 | DO-26-H6       | 26                        | 6                         | —                          | 7                              | —                         | —                         | —                    | —                        | —                        | 196 (20)                        | 6    | 1,000             | 8.0                      |
| 072050 | DO-28-H6       | 28                        | 6                         | —                          | 7                              | —                         | —                         | —                    | —                        | —                        | 196 (20)                        | 6    | 800               | 8.7                      |
| 072060 | DO-29-H6       | 29                        | 6                         | —                          | 7 <sub>-0.1</sub> <sup>0</sup> | —                         | —                         | —                    | —                        | —                        | 196 (20)                        | 6    | 500               | 4.0                      |

\*1 Reference Dimension

\*2 Allowable Load at 300min -1 (300r.p.m.)

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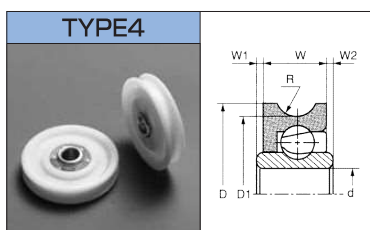
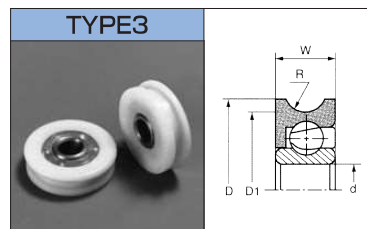
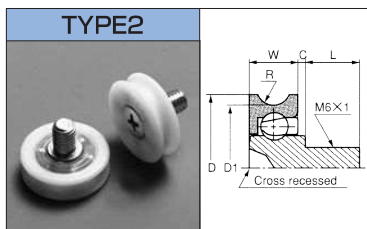
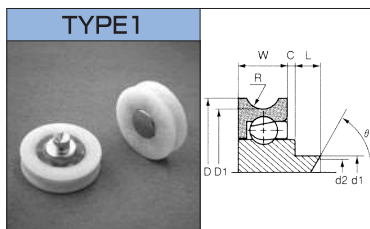
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# D-SERIES BEARINGS

# DU

# DU



| Code   | Part No.     | D $\pm 0.2$<br>[mm] | D1 $\pm 0.1$<br>[mm] | d $\pm 0.1$<br>[mm] | d1 $\pm 0.1$<br>[mm] | W $\pm 0.2$<br>[mm] | C $\pm 0.4$<br>[mm] | L $\pm 0.2$<br>[mm] | $\theta^{\circ}$<br>[mm]     | $\theta^{\circ}$<br>[mm] | $\theta^{\circ}$<br>[mm] | R    | Load $\pm 2$<br>[N] (kgf) | Type | Q'ty<br>[pcs/box] | Gross Weight<br>[kg/box] |
|--------|--------------|---------------------|----------------------|---------------------|----------------------|---------------------|---------------------|---------------------|------------------------------|--------------------------|--------------------------|------|---------------------------|------|-------------------|--------------------------|
| 080010 | DU-19-A0.5   | 19                  | 17                   | —                   | 5                    | 6                   | 0.5                 | 3.5                 | $\phi 4 \times 120^{\circ}$  | —                        | —                        | 1.75 | 29.4 ( 3)                 | 1    | 2,000             | 10.3                     |
| 080020 | DU-22-A1     | 22                  | 19.2                 | —                   | 5                    | 7                   | 1                   | 3.5                 | $\phi 4.4 \times 90^{\circ}$ | —                        | —                        | 2.5  | 58.8 ( 6)                 | 1    | 1,000             | 8.5                      |
| 080030 | DU-24-A1     | 24                  | 21.2                 | —                   | 5                    | 7                   | 1                   | 3.5                 | $\phi 4.4 \times 90^{\circ}$ | —                        | —                        | 2.5  | 58.8 ( 6)                 | 1    | 1,000             | 9.3                      |
| 080040 | DU-26-A1     | 26                  | 23.2                 | —                   | 5                    | 7                   | 1                   | 3.5                 | $\phi 4.4 \times 90^{\circ}$ | —                        | —                        | 2.5  | 58.8 ( 6)                 | 1    | 1,000             | 10.3                     |
| 081010 | DU-19-B0.5   | 19                  | 17                   | —                   | —                    | 6                   | 0.5                 | $8 \pm 0.5$         | —                            | —                        | —                        | 1.75 | 39.2 ( 4)                 | 2    | 2,000             | 12.4                     |
| 081013 | DU-19-B2     | 19                  | 17                   | —                   | —                    | 6                   | 2                   | $8 \pm 0.5$         | —                            | —                        | —                        | 1.75 | 39.2 ( 4)                 | 2    | 2,000             | 12.8                     |
| 081020 | DU-22-B0.5   | 22                  | 19.2                 | —                   | —                    | 7                   | 0.5                 | $8 \pm 0.5$         | —                            | —                        | —                        | 2.5  | 156 (16)                  | 2    | 1,000             | 9.8                      |
| 081021 | DU-22-B6     | 22                  | 19.2                 | —                   | —                    | 7                   | 6                   | $8 \pm 0.5$         | —                            | —                        | —                        | 2.5  | 156 (16)                  | 2    | 1,000             | 11.8                     |
| 081030 | DU-24-B0.5   | 24                  | 21.2                 | —                   | —                    | 7                   | 0.5                 | $8 \pm 0.5$         | —                            | —                        | —                        | 2.5  | 156 (16)                  | 2    | 1,000             | 10.5                     |
| 081040 | DU-26-B0.5   | 26                  | 23.2                 | —                   | —                    | 7                   | 0.5                 | $8 \pm 0.5$         | —                            | —                        | —                        | 2.5  | 156 (16)                  | 2    | 1,000             | 11.3                     |
| 082010 | DU-19-H5     | 19                  | 17                   | 5                   | —                    | 6                   | —                   | —                   | —                            | —                        | —                        | 1.75 | 39.2 ( 4)                 | 3    | 2,500             | 9.8                      |
| 082020 | DU-22-H6     | 22                  | 19.2                 | 6                   | —                    | 7                   | —                   | —                   | —                            | —                        | —                        | 2.5  | 156 (16)                  | 3    | 1,500             | 8.8                      |
| 082060 | DU-24-H6     | 24                  | 21.2                 | 6                   | —                    | 7                   | —                   | —                   | —                            | —                        | —                        | 2.5  | 156 (16)                  | 3    | 1,000             | 6.7                      |
| 082070 | DU-26-H6     | 26                  | 23.2                 | 6                   | —                    | 7                   | —                   | —                   | —                            | —                        | —                        | 2.5  | 156 (16)                  | 3    | 1,000             | 7.4                      |
| 082100 | DU-30-H6-M   | 30                  | 25.7                 | 6                   | —                    | $7 \pm 0.2$         | —                   | —                   | —                            | —                        | —                        | 2.5  | 156 (16)                  | 3    | 500               | 3.6                      |
| 082101 | DU-30-H10    | 30                  | 26                   | 10                  | —                    | $8 \pm 0.2$         | —                   | —                   | —                            | —                        | —                        | 2.5  | 196 (20)                  | 3    | 500               | 6.1                      |
| 082031 | DU-22-H6W0.5 | 22                  | 19                   | 6                   | —                    | 7                   | —                   | —                   | —                            | 0.5                      | 0.5                      | 2.5  | 156 (16)                  | 4    | 1,500             | 5.8                      |
| 082028 | DU-22-H6W1   | 22                  | 19.2                 | 6                   | —                    | 7                   | —                   | —                   | —                            | 1                        | 1                        | 2.5  | 156 (16)                  | 4    | 1,000             | 6.2                      |
| 082090 | DU-28-H6W1   | 28                  | 24                   | 6                   | —                    | 7                   | —                   | —                   | —                            | 1                        | 1                        | 2.5  | 156 (16)                  | 4    | 800               | 8.0                      |
| 082103 | DU-30-H6W1   | 30                  | 25.7                 | 6                   | —                    | 7                   | —                   | —                   | —                            | 1                        | 1                        | 2.5  | 156 (16)                  | 4    | 500               | 6.1                      |
| 082110 | DU-35-H6W1   | 35                  | 31                   | 6                   | —                    | 7                   | —                   | —                   | —                            | 1                        | 1                        | 2.5  | 156 (16)                  | 4    | 500               | 5.8                      |
| 082120 | DU-40-H6W0.5 | 40                  | 36                   | 6                   | —                    | $8 \pm 0.2$         | —                   | —                   | —                            | 0.5                      | 0.5                      | 2.5  | 156 (16)                  | 4    | 400               | 5.4                      |

\*1 Reference Dimension

\*2 Allowable Load at 300min -1 (300r.p.m.)

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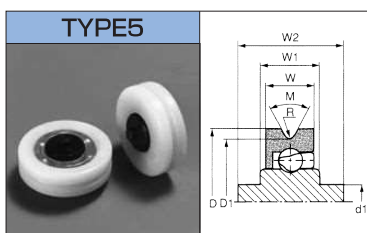
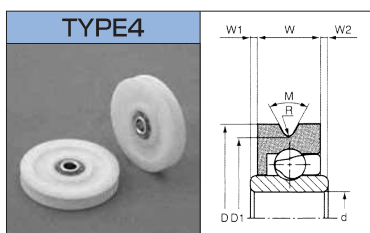
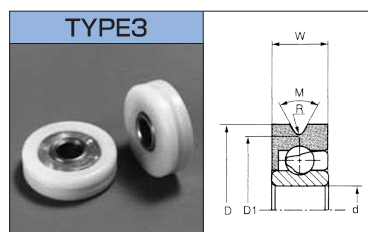
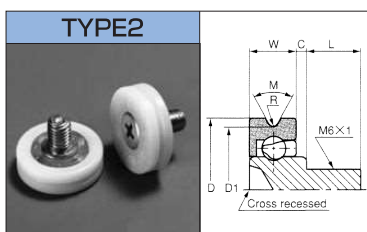
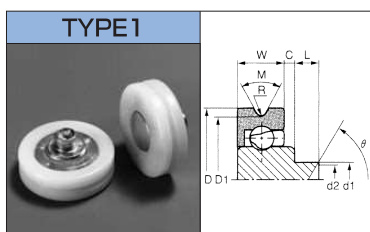
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# D-SERIES BEARINGS

# DV

# DV



| Code   | Part No.          | D $\pm 0.2$<br>[mm] | D1 $\pm 0.2$<br>[mm] | d $\pm 0.1$<br>[mm] | d1 $\pm 0.1$<br>[mm] | W $\pm 0.2$<br>[mm] | C $\pm 0.4$<br>[mm] | L $\pm 0.2$<br>[mm] | $\phi 4 \times 120^\circ$<br>*1 | W1 $\pm 0.1$<br>[mm] | W2 $\pm 0.1$<br>[mm] | M*   | R    | Type | Q'ty<br>[pcs/box] | Gross Weight<br>[kg/box] |
|--------|-------------------|---------------------|----------------------|---------------------|----------------------|---------------------|---------------------|---------------------|---------------------------------|----------------------|----------------------|------|------|------|-------------------|--------------------------|
| 090000 | DV-19-A0.5        | 19                  | 17                   | —                   | 5                    | 6                   | 0.5                 | 3.5                 | $\phi 4 \times 120^\circ$       | —                    | —                    | 60   | 0.6  | 1    | 2,000             | 11.0                     |
| 090100 | DV-22-A1          | 22                  | 19                   | —                   | 5                    | 7                   | 1                   | 3.5                 | $\phi 4.4 \times 90^\circ$      | —                    | —                    | 60   | 0.6  | 1    | 1,000             | 9.2                      |
| 090200 | DV-24-A1          | 24                  | 21                   | —                   | 5                    | 7                   | 1                   | 3.5                 | $\phi 4.4 \times 90^\circ$      | —                    | —                    | 60   | 0.6  | 1    | 1,000             | 9.8                      |
| 090300 | DV-26-A1          | 26                  | 23                   | —                   | 5                    | 7                   | 1                   | 3.5                 | $\phi 4.4 \times 90^\circ$      | —                    | —                    | 60   | 0.6  | 1    | 1,000             | 10.6                     |
| 090400 | DV-28-A1          | 28                  | 24                   | —                   | 5                    | 7                   | 1                   | 3.5                 | $\phi 4.4 \times 90^\circ$      | —                    | —                    | (58) | 0.6  | 1    | 500               | 5.3                      |
| 090500 | DV-30-A1          | 30                  | 27                   | —                   | 5                    | 7                   | 1                   | 3.5                 | $\phi 4.4 \times 90^\circ$      | —                    | —                    | 60   | 0.6  | 1    | 500               | 6.5                      |
| 090600 | DV-38-A0.5        | 38                  | 35                   | —                   | 5                    | 8 $\pm 0.2$         | 0.5                 | 3.5                 | $\phi 4.4 \times 90^\circ$      | —                    | —                    | 60   | 0.6  | 1    | 500               | 7.5                      |
| 091000 | DV-19-B0.5        | 19                  | 17                   | —                   | —                    | 6                   | 0.5                 | 8 $\pm 0.5$         | —                               | —                    | —                    | 60   | 0.6  | 2    | 2,000             | 12.6                     |
| 091100 | DV-22-B0.5        | 22                  | 19                   | —                   | —                    | 7                   | 0.5                 | 8 $\pm 0.5$         | —                               | —                    | —                    | 60   | 0.6  | 2    | 1,000             | 10.0                     |
| 091200 | DV-24-B0.5        | 24                  | 21                   | —                   | —                    | 7                   | 0.5                 | 8 $\pm 0.5$         | —                               | —                    | —                    | 60   | 0.6  | 2    | 1,000             | 10.6                     |
| 091201 | DV-24-B3          | 24                  | 21                   | —                   | —                    | 7                   | 3                   | 8 $\pm 0.5$         | —                               | —                    | —                    | 60   | 0.6  | 2    | 1,000             | 10.7                     |
| 091300 | DV-26-B0.5        | 26                  | 23                   | —                   | —                    | 7                   | 0.5                 | 8 $\pm 0.5$         | —                               | —                    | —                    | 60   | 0.6  | 2    | 1,000             | 11.2                     |
| 091500 | DV-30-B0.5-0.5R   | 30                  | 28                   | —                   | —                    | 7                   | 0.5                 | 8 $\pm 0.5$         | —                               | —                    | —                    | 90   | 0.5  | 2    | 500               | 8.0                      |
| 091501 | DV-32.5-B1.5-2R   | 32.5                | 20.5                 | —                   | —                    | 9.5 $\pm 0.2$       | 1.5                 | 8 $\pm 0.5$         | —                               | —                    | —                    | 15   | 2    | 2    | 400               | 6.6                      |
| 091600 | DV-38-B0.5        | 38                  | 35                   | —                   | —                    | 8 $\pm 0.2$         | 0.5                 | 8 $\pm 0.5$         | —                               | —                    | —                    | 60   | 0.6  | 2    | 250               | 5.8                      |
| 092001 | DV-19-H5          | 19                  | 17                   | 5                   | —                    | 6                   | —                   | —                   | —                               | —                    | —                    | 60   | 0.6  | 3    | 2,500             | 10.0                     |
| 092100 | DV-22-H6-M        | 22                  | 19                   | 6                   | —                    | 7                   | —                   | —                   | —                               | —                    | —                    | 60   | 0.6  | 3    | 1,500             | 9.7                      |
| 092200 | DV-24-H6          | 24                  | 21                   | 6                   | —                    | 7                   | —                   | —                   | —                               | —                    | —                    | 60   | 0.6  | 3    | 1,000             | 7.4                      |
| 092201 | DV-24-H8          | 24                  | 20 $\pm 1$           | 8                   | —                    | 7                   | —                   | —                   | —                               | —                    | —                    | 30   | 0.6  | 3    | 1,000             | 5.6                      |
| 092300 | DV-26-H6          | 26                  | 23                   | 6                   | —                    | 7                   | —                   | —                   | —                               | —                    | —                    | 60   | 0.6  | 3    | 1,000             | 8.0                      |
| 092500 | DV-30-H6          | 30                  | 27                   | 6                   | —                    | 7                   | —                   | —                   | —                               | —                    | —                    | 60   | 0.6  | 3    | 500               | 6.8                      |
| 092700 | DV-48-H6W0.4-1.6R | 48.3                | 35                   | 6                   | —                    | 8.2 $\pm 0.2$       | —                   | —                   | —                               | 0.4                  | 0.4                  | 30   | 1.6  | 4    | 250               | 4.1                      |
| 090102 | DV-22-AW0.5-B     | 22 $\pm 0.1$        | 19 $\pm 0.1$         | —                   | 3                    | 7                   | —                   | —                   | —                               | 8                    | 12                   | 60   | 0.65 | 5    | 1,000             | 8.9                      |

## \*1 Reference Dimension

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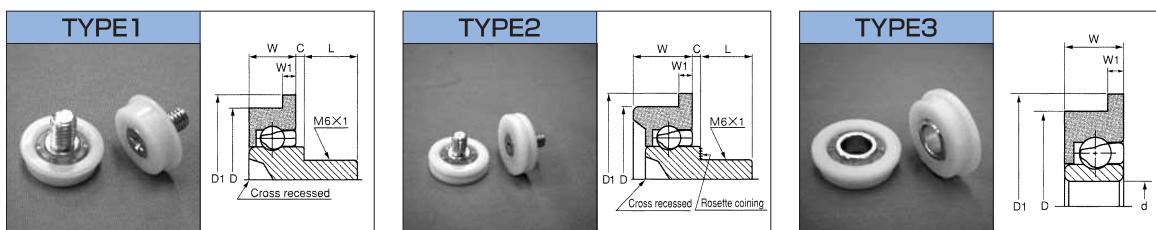
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# D-SERIES BEARINGS

# DF/DH

## DF



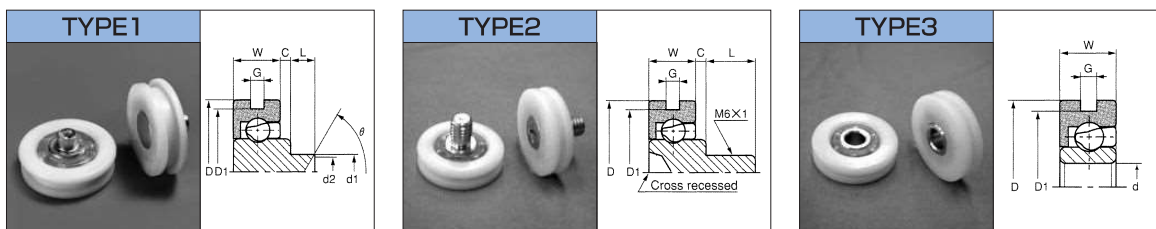
| Code   | Part No.    | $D_{-0.1}$<br>[mm] | $D1_{\pm 0.2}$<br>[mm] | $d_{+0.1}^{*1}$<br>[mm] | $W_{-0.2}$<br>[mm] | $W1_{\pm 0.2}$<br>[mm] | $C_{\pm 0.4}$<br>[mm] | $L_{\pm 0.5}$<br>[mm] | Load *1<br>[N] (kgf) | Load *2<br>[N] (kgf) | Type | Q'ty<br>[pcs/box] | Gross Weight<br>[kg/box] |
|--------|-------------|--------------------|------------------------|-------------------------|--------------------|------------------------|-----------------------|-----------------------|----------------------|----------------------|------|-------------------|--------------------------|
| 061001 | DF-17-B0.5  | 17                 | 19                     | —                       | 6                  | 1                      | 0.5                   | 8                     | 49 ( 5)              | —                    | 1    | 1,500             | 10.0                     |
| 061020 | DF-22-B0.5  | 22                 | 26                     | —                       | 7                  | 2                      | 0.5                   | 8                     | 196 (20)             | —                    | 1    | 1,000             | 9.4                      |
| 061040 | DF-26-B1    | $26_{\pm 0.2}$     | 32                     | —                       | $11_{\pm 0.2}$     | 3                      | 1                     | 8                     | 196 (20)             | —                    | 2    | 400               | 5.3                      |
| 061043 | DF-26-B2    | $26_{\pm 0.2}$     | 32                     | —                       | $11_{\pm 0.2}$     | 3                      | 2                     | 8                     | 196 (20)             | —                    | 2    | 400               | 5.8                      |
| 062000 | DF-17-H6    | 17                 | $19_{\pm 0.1}$         | 6                       | 6                  | $1_{\pm 0.1}$          | —                     | —                     | 49 ( 5)              | 14.7 ( 1.5)          | 3    | 3,000             | 9.5                      |
| 062005 | DF-19-H6    | 19                 | 22                     | 6                       | 7                  | 1.5                    | —                     | —                     | 147 (15)             | 29.4 ( 3)            | 3    | 1,500             | 7.7                      |
| 062020 | DF-22-H6    | 22                 | 26                     | 6                       | 7                  | 2                      | —                     | —                     | 196 (20)             | 39.2 ( 4)            | 3    | 1,500             | 9.5                      |
| 062027 | DF-23-H10   | 23                 | 24.75                  | 10                      | $8_{\pm 0.2}$      | $1.5_{\pm 0.1}$        | —                     | —                     | 98 (10)              | 39.2 ( 4)            | 3    | 1,000             | 7.2                      |
| 062061 | DF-30-H10-3 | 30                 | 34                     | 10                      | $8.5_{\pm 0.2}$    | 3                      | —                     | —                     | 245 (25)             | 58.8 ( 6)            | 3    | 500               | 7.0                      |
| 062062 | DF-32-H12   | 32                 | 36                     | 12                      | 10                 | 3                      | —                     | —                     | 245 (25)             | 58.8 ( 6)            | 3    | 400               | 7.5                      |

\*1 Allowable Load at 300rpm -1 rotation of outer-race

\*2 Allowable Load at 300rpm -1 rotation of inner-race

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## DH



| Code   | Part No.     | $D_{\pm 0.2}$<br>[mm] | $D1_{\pm 0.2}$<br>[mm] | $d_{+0.1}^{*1}$<br>[mm] | $d1_{-0.1}$<br>[mm] | $W_{-0.2}$<br>[mm] | $C_{\pm 0.4}$<br>[mm] | $L_{\pm 0.2}$<br>[mm] | $(d2 \times \theta)^{*1}$ | $G_{\pm 0.2}$<br>[mm] | Type | Q'ty<br>[pcs/box] | Gross Weight<br>[kg/box] |
|--------|--------------|-----------------------|------------------------|-------------------------|---------------------|--------------------|-----------------------|-----------------------|---------------------------|-----------------------|------|-------------------|--------------------------|
| 100000 | DH-16-A0.5   | 19                    | 16                     | —                       | 5                   | 6                  | 0.5                   | 3.5                   | $\phi 4 \times 120^\circ$ | 2.1                   | 1    | 2,000             | 10.9                     |
| 101012 | DH-16-B0.5   | 19                    | 16                     | —                       | —                   | 6                  | 0.5                   | $8_{\pm 0.5}$         | —                         | 2.1                   | 2    | 2,000             | 12.5                     |
| 101013 | DH-16-B1     | 19                    | 16                     | —                       | —                   | 6                  | 1                     | $8_{\pm 0.5}$         | —                         | 2.1                   | 2    | 2,000             | 11.8                     |
| 101020 | DH-19-B0.5-2 | 22                    | 19                     | —                       | —                   | 7                  | 0.5                   | $8_{\pm 0.5}$         | —                         | 2                     | 2    | 1,000             | 9.9                      |
| 101040 | DH-21-B0.5-2 | 24                    | 21                     | —                       | —                   | 7                  | 0.5                   | $8_{\pm 0.5}$         | —                         | 2                     | 2    | 1,000             | 10.5                     |
| 102010 | DH-16-H5     | 19                    | 16                     | 5                       | —                   | 6                  | —                     | —                     | —                         | 2.1                   | 3    | 2,000             | 9.9                      |
| 102021 | DH-19-H6-2   | 22                    | 19                     | 6                       | —                   | 7                  | —                     | —                     | —                         | 2                     | 3    | 1,000             | 9.6                      |
| 102025 | DH-19-H6-2.5 | 22                    | 19                     | 6                       | —                   | 7                  | —                     | —                     | —                         | 2.5                   | 3    | 1,500             | 8.4                      |
| 102040 | DH-21-H6-2   | 24                    | 21                     | 6                       | —                   | 7                  | —                     | —                     | —                         | 2                     | 3    | 1,000             | 7.3                      |
| 102041 | DH-21-H6-3   | 24                    | 21                     | 6                       | —                   | 7                  | —                     | —                     | —                         | 3                     | 3    | 1,000             | 6.5                      |
| 102042 | DH-21-H6-3.2 | 24                    | 21                     | 6                       | —                   | 7                  | —                     | —                     | —                         | 3.2                   | 3    | 1,000             | 6.2                      |

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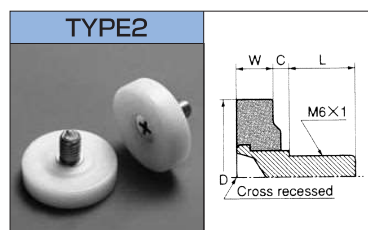
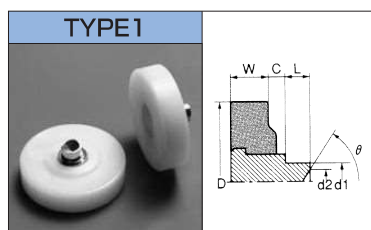
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# D-SERIES ROLLERS

# DL

# DL



| Code   | Part No.        | $D_{-0.1}^0$<br>[mm] | $d1_{-0.1}^0$<br>[mm] | $W_{-0.2}^0$<br>[mm] | $C_{\pm 0.4}$<br>[mm] | $L_{\pm 0.2}$<br>[mm] | $(d2 \times \theta)^{*1}$   | Type | Q'ty<br>[pcs/box] | Gross Weight<br>[kg/box] |
|--------|-----------------|----------------------|-----------------------|----------------------|-----------------------|-----------------------|-----------------------------|------|-------------------|--------------------------|
| 240012 | DL-16-A0.5      | 16                   | 4                     | 5                    | 0.5                   | 3.6                   | nothing                     | 1    | 2,500             | 3.2                      |
| 240021 | DL-19-A1.6      | 19                   | 5                     | 6.6                  | 1.6                   | 3.5                   | $\phi 4 \times 100^{\circ}$ | 1    | 2,000             | 10.4                     |
| 240040 | DL-22-A1.6      | 22                   | 5                     | 6.6                  | $1.6^{\pm 0.5}$       | 3.5                   | $\phi 4 \times 100^{\circ}$ | 1    | 1,000             | 6.5                      |
| 240080 | DL-26-A1.6      | 26                   | 5                     | 6.6                  | 1.6                   | 3.5                   | $\phi 4 \times 100^{\circ}$ | 1    | 1,000             | 7.5                      |
| 240120 | DL-19-B1.6      | 19                   | —                     | 6.6                  | 1.6                   | $8^{\pm 0.5}$         | —                           | 2    | 1,500             | 9.0                      |
| 240140 | DL-22-B1.6      | 22                   | —                     | 6.6                  | 1.6                   | $8^{\pm 0.5}$         | —                           | 2    | 1,000             | 7.4                      |
| 240159 | DL-22-B2,6-7170 | 22                   | —                     | $6.7^{\pm 0.2}$      | 2.6                   | $8^{\pm 0.5}$         | —                           | 2    | 1,000             | 8.3                      |
| 240145 | DL-22-B5        | 22                   | —                     | $6.7^{\pm 0.2}$      | 5                     | $8^{\pm 0.5}$         | —                           | 2    | 1,000             | 9.9                      |
| 240152 | DL-22-B8.7      | $22^{\pm 0.2}$       | —                     | $7^{\pm 0.2}$        | 8.7                   | $11^{\pm 0.5}$        | —                           | 2    | 1,000             | 11.7                     |
| 240180 | DL-26-B1.6      | 26                   | —                     | 6.6                  | 1.6                   | $8^{\pm 0.5}$         | —                           | 2    | 1,000             | 9.0                      |

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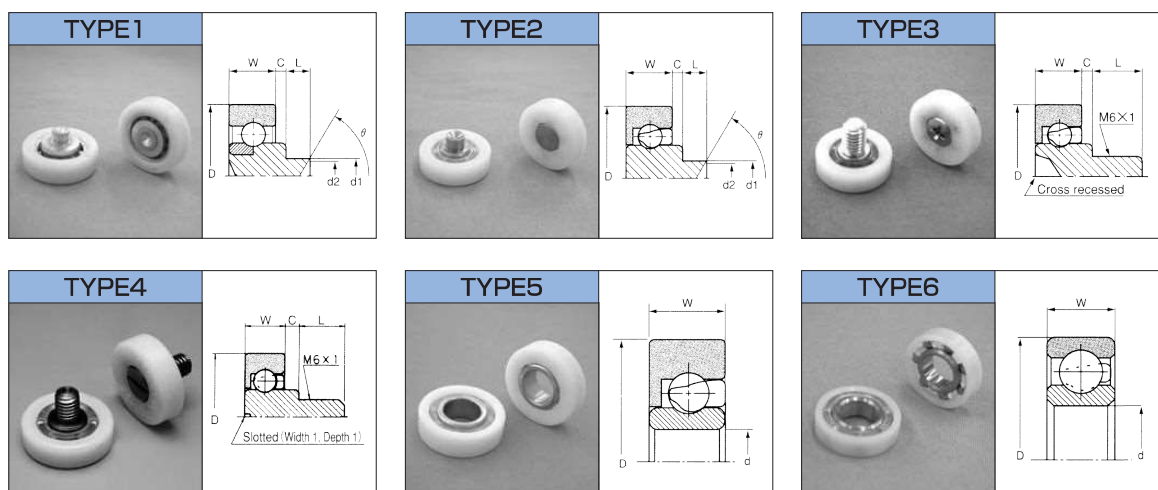
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# S-SERIES BEARINGS

# DR-S

## DR-S

The outer races are made of polyacetal resin and the inner races and balls are made of stainless steel.



| Code   | Part No.        | D <sub>-0.1</sub><br>[mm] | d <sup>+0.1</sup> <sub>0</sub><br>[mm] | d1 <sub>-0.1</sub><br>[mm] | W <sub>-0.2</sub><br>[mm] | C <sup>+0.4</sup><br>[mm] | L <sub>±0.2</sub><br>[mm] | (d2 × θ) <sup>*1</sup> | Load <sup>*2</sup><br>[N] (kgf) | Type | Q'ty<br>[pcs/box] | Gross Weight<br>[kg/box] |
|--------|-----------------|---------------------------|----------------------------------------|----------------------------|---------------------------|---------------------------|---------------------------|------------------------|---------------------------------|------|-------------------|--------------------------|
| 000002 | DRS-16-SAS1-GN  | 16 <sub>-0.3</sub>        | —                                      | 4                          | 5 <sup>+0.2</sup>         | 1                         | 3.5                       | φ3 × 100°              | —                               | 1    | 2,000             | 9.0                      |
| 000202 | DR-19-SAS0.5-GN | 19                        | —                                      | 5                          | 6                         | 0.5                       | 3.5 <sub>-0.2</sub>       | φ4 × 120°              | —                               | 2    | 2,000             | 10.7                     |
| 000421 | DR-22-SAS1      | 22                        | —                                      | 5                          | 7                         | 1 <sub>±0.3</sub>         | 3.4 <sub>±0.1</sub>       | φ4 × 90°               | —                               | 2    | 1,000             | 9.0                      |
| 020202 | DR-19-SBS0.5    | 19                        | —                                      | —                          | 6                         | 0.5                       | 8 <sub>±0.5</sub>         | —                      | —                               | 3    | 2,000             | 12.5                     |
| 020442 | DR-22-SBS0.5-GN | 22                        | —                                      | —                          | 7                         | 0.5                       | 8 <sub>±0.5</sub>         | —                      | —                               | 4    | 1,000             | 9.8                      |
| 020735 | DR-26-SBS0.5    | 26                        | —                                      | —                          | 7                         | 0.5                       | 8 <sub>±0.5</sub>         | —                      | —                               | 4    | 1,000             | 10.1                     |
| 021001 | DR-30-SBS0.5    | 30                        | —                                      | —                          | 7                         | 0.5 <sub>±0.3</sub>       | 8 <sub>±0.5</sub>         | —                      | —                               | 4    | 500               | 6.8                      |
| 021100 | DR-35-SBS0.5    | 35                        | —                                      | —                          | 7                         | 0.5 <sub>±0.3</sub>       | 8 <sub>±0.5</sub>         | —                      | —                               | 4    | 300               | 4.0                      |
| 040101 | DR-18-SHS6-GN   | 18                        | 6                                      | —                          | 6                         | —                         | —                         | —                      | —                               | 5    | 2,500             | 7.8                      |
| 040207 | DR-19-SHS6      | 19                        | 6                                      | —                          | 6                         | —                         | —                         | —                      | —                               | 5    | 2,500             | 8.1                      |
| 040404 | DR-22-SHS6-GN   | 22                        | 6                                      | —                          | 7                         | —                         | —                         | —                      | —                               | 5    | 1,000             | 7.0                      |
| 040414 | DR-22-SHS8-GN   | 22                        | 8                                      | —                          | 7                         | —                         | —                         | —                      | —                               | 5    | 1,000             | 5.3                      |
| 040801 | DR-28-SHS6-GN   | 28                        | 6                                      | —                          | 7                         | —                         | —                         | —                      | —                               | 5    | 500               | 4.2                      |
| 041601 | DR-26-SHS10-GN  | 26                        | 10                                     | —                          | 8                         | —                         | —                         | —                      | 98 (10)                         | 5    | 1,000             | 7.9                      |
| 041611 | DR-30-SHS10-GN  | 30                        | 10                                     | —                          | 9                         | —                         | —                         | —                      | 147 (15)                        | 5    | 500               | 7.7                      |
| 041613 | DR-32-SHS12-GN  | 32                        | 12                                     | —                          | 10                        | —                         | —                         | —                      | 176 (18)                        | 5    | 500               | 9.6                      |
| 041615 | DR-35-SHS15-GN  | 35                        | 15                                     | —                          | 11                        | —                         | —                         | —                      | 176 (18)                        | 5    | 400               | 10.6                     |
| 041617 | DR-40-SHS17-GN  | 40                        | 17                                     | —                          | 12                        | —                         | —                         | —                      | 205 (21)                        | 5    | 250               | 6.9                      |
| 041619 | DR-47-SHS20-GN  | 47                        | 20                                     | —                          | 14                        | —                         | —                         | —                      | 235 (24)                        | 5    | 150               | 8.7                      |
| 040103 | DR-18-SHS8      | 18                        | 8                                      | —                          | 5                         | —                         | —                         | —                      | —                               | 6    | 3,000             | 8.7                      |

\*1 Reference Dimension

\*2 Allowable Load at 300min -1 (300r.p.m.)

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