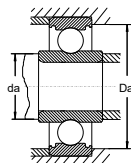
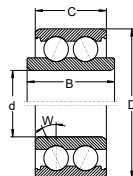
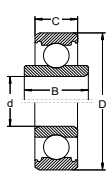


# Exemples de roulements pour machines textiles



## Cages et protections

- Exécution disponible
- Exécution possible (quantité minimale)
- Hors programme

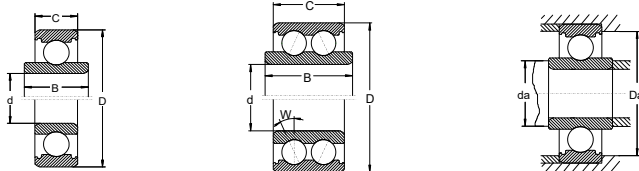
## Codes des profils et spécialités

- K** : Une bague décentrée
- M** : Une bague est plus large que l'autre
- S** : Des bagues en acier Inox
- T** : Deux rangées de billes



| d  | Dimensions            |               |               | Désignation           | Angle de contact<br>W | Vitesse limite<br>min <sup>-1</sup> x 1'000 |         |                   | Charges de base<br>Dyn. Cr<br>Stat. Cor |       | Dimensions de montage<br>da min Da min |      | Poids<br>~ gr | Désignation | Cages et protections   |   |    |                       |      |     |                         |     |      |                                |   |    |     |      |     |      |     |      |         |   |    |     |      |     |      |     |      |
|--|-----------------------|---------------|---------------|-----------------------|-----------------------|---|---------|-------------------|---|-------|--|------|---------------|-------------|--|---|----|-----------------------|------|-----|-------------------------|-----|------|--------------------------------|---|----|-----|------|-----|------|-----|------|---------|---|----|-----|------|-----|------|-----|------|
|  | D                     | B             | C             |                       |                       | Huile                                       | Graisse | Joint<br>contacts | kN                                      | kN    | mm                                     | mm   |               |             | Cage Y<br>Protections  |   |    | Cage J<br>Protections |      |     | Cage T9H<br>Protections |     |      | Cage PEH (PEEK)<br>Protections |   |    |     |      |     |      |     |      |         |   |    |     |      |     |      |     |      |
|  | mm<br>inch            |               |               |                       | °                     |   |         |                   |   |       |  |      |               |             | Overcut  | Z | ZZ | RSR                   | 2RSR | RSF | 2RSF                    | RSV | 2RSV | Overcut                        | Z | ZZ | RSR | 2RSR | RSF | 2RSF | RSV | 2RSV | Overcut | Z | ZZ | RSR | 2RSR | RSF | 2RSF | RSV | 2RSV |
| <b>0</b>   | 22                    | 30            | 10.2          | <sup>①</sup> OT0MSD00 | 30                    | 34  | 28      | 5.930             | 2.790                                   | -     | -                                      | 46   | OT0MSD00      |             |  |   |    |                       |      |     |                         |     |      |                                |   |    |     |      |     |      |     |      |         |   |    |     |      |     |      |     |      |
| <sup>①</sup> La bague intérieure du roulement est un axe, sans alésage |                       |               |               |                       |                       |   |         |                   |   |       |  |      |               |             |  |   |    |                       |      |     |                         |     |      |                                |   |    |     |      |     |      |     |      |         |   |    |     |      |     |      |     |      |
| <b>3</b>   | 16.5                  | 4.8           | 7             | CLM303                | -                     | 45  | 38      | 24                | 1.300                                   | 0.486 | 4.6                                    | 14.0 | 4.7           | CLM303      |  |   |    |                       |      |     |                         |     |      |                                |   |    |     |      |     |      |     |      |         |   |    |     |      |     |      |     |      |
|  | 16                    | 4.8           | 7             | CM300                 | -                     | 45  | 38      | 24                | 1.300                                   | 0.486 | 4.6                                    | 14.0 | 4.7           | CM300       |  |   |    |                       |      |     |                         |     |      |                                |   |    |     |      |     |      |     |      |         |   |    |     |      |     |      |     |      |
| <b>3.1</b>   | 16.5                  | 4.8           | 7             | CM3,100               | -                     | 45  | 38      | 24                | 1.300                                   | 0.486 | 4.6                                    | 14.0 | 4.7           | CM3,100     |  |   |    |                       |      |     |                         |     |      |                                |   |    |     |      |     |      |     |      |         |   |    |     |      |     |      |     |      |
| <b>4</b>   | 17.4                  | 5             | 7             | CM400                 | -                     | 45  | 38      | 24                | 1.300                                   | 0.486 | 5.6                                    | 15.0 | 6.6           | CM400       |  |   |    |                       |      |     |                         |     |      |                                |   |    |     |      |     |      |     |      |         |   |    |     |      |     |      |     |      |
| <b>5</b>   | 18.55                 | 5             | 7             | CM500                 | -                     | 43  | 36      | 22                | 1.880                                   | 0.680 | 7.0                                    | 15.0 | 6.2           | CM500       |  |   |    |                       |      |     |                         |     |      |                                |   |    |     |      |     |      |     |      |         |   |    |     |      |     |      |     |      |
| <b>5.004</b>   | 14.68<br>.197<br>.578 | 6<br>.236     | 6<br>.236     | O501                  | -                     | 43  | 36      | 22                | 1.880                                   | 0.680 | 7.0                                    | 13.0 | 4.5           | O501        |  |   |    |                       |      |     |                         |     |      |                                |   |    |     |      |     |      |     |      |         |   |    |     |      |     |      |     |      |
| <b>6.35</b>  | 15.875<br>.25         | 8.733<br>.344 | 8.733<br>.344 | WSR4                  | -                     | 41  | 33      | 22                | 1.480                                   | 0.618 | 7.9                                    | 14.4 | 7.3           | WSR4        |  |   |    |                       |      |     |                         |     |      |                                |   |    |     |      |     |      |     |      |         |   |    |     |      |     |      |     |      |
| <b>7</b>   | 19                    | 7.5           | 8.5           | KMO7K00               | -                     | 38  | 32      | 22                | 2.460                                   | 1.050 | 9.0                                    | 17.8 | 9.8           | KMO7K00     |  |   |    |                       |      |     |                         |     |      |                                |   |    |     |      |     |      |     |      |         |   |    |     |      |     |      |     |      |
|  | 19                    | 11            | 18.3          | EMX7SD00              | -                     | 39  | 32      | 20                | 2.800                                   | 1.060 | 9.0                                    | 17.0 | 18.4          | EMX7SD00    |  |   |    |                       |      |     |                         |     |      |                                |   |    |     |      |     |      |     |      |         |   |    |     |      |     |      |     |      |
|  | 28.2                  | 11            | 18.3          | JMX7SD00              | -                     | 39  | 32      | 20                | 2.800                                   | 1.060 | 9.0                                    | 17.0 | 25.4          | JMX7SD00    |  |   |    |                       |      |     |                         |     |      |                                |   |    |     |      |     |      |     |      |         |   |    |     |      |     |      |     |      |
| <b>8</b>   | 22                    | 7             | 7             | B801                  | -                     | 24  | 20      | 13                | 3.400                                   | 2.090 | 10.0                                   | 20.0 | 12.4          | B801        | Exécutions pleines de billes : Z; 2Z; RSR; 2RSR; RSF; 2RSF [ disponibles ] - RSV; 2RSV [ possibles ] |   |    |                       |      |     |                         |     |      |                                |   |    |     |      |     |      |     |      |         |   |    |     |      |     |      |     |      |
|  | 22                    | 7             | 7             | B802                  | -                     | 36  | 30      | 20                | 3.400                                   | 2.090 | 10.0                                   | 20.0 | 12.4          | B802        | Exécutions pleines de billes : Z; 2Z; RSR; 2RSR; RSF; 2RSF [ disponibles ] - RSV; 2RSV [ possibles ] |   |    |                       |      |     |                         |     |      |                                |   |    |     |      |     |      |     |      |         |   |    |     |      |     |      |     |      |
|  | 22                    | 11            | 10            | OT8MSD01              | -                     | 36  | 30      |                   | 5.070                                   | 2.580 | 10.0                                   | 20.0 | 18            | OT8MSD01    |  |   |    |                       |      |     |                         |     |      |                                |   |    |     |      |     |      |     |      |         |   |    |     |      |     |      |     |      |
|  | 22                    | 14.9          | 10.3          | O8M00                 | -                     | 36  | 30      | 20                | 3.280                                   | 1.360 | 10.0                                   | 20.0 | 18.9          | O8M00       |  |   |    |                       |      |     |                         |     |      |                                |   |    |     |      |     |      |     |      |         |   |    |     |      |     |      |     |      |

# Exemples de roulements pour machines textiles



## Cages et protections

- Exécution disponible
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## Codes des profils et spécialités

- K** : Une bague décentrée
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- S** : Des bagues en acier Inox
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| d   | Dimensions      |                | C              | Désignation | Angle de contact W | Vitesse limite min <sup>-1</sup> x 1'000 |       |         | Charges de base Dyn. Cr |       | Dimensions de montage da min Da min |      | Poids ~ gr | Désignation | Cages et protections  |    |    |        |   |    |     |     |      |     |     |      |     |     |      |        |   |    |     |     |      |     |     |      |     |     |      |        |   |    |     |     |      |
|---|-----------------|----------------|----------------|-------------|--------------------|--|-------|---------|-------------------------|-------|-------------------------------------|------|------------|-------------|---|----|----|--------|---|----|-----|-----|------|-----|-----|------|-----|-----|------|--------|---|----|-----|-----|------|-----|-----|------|-----|-----|------|--------|---|----|-----|-----|------|
|   | D               | B              |                |             |                    | mm inch                                  | Huile | Graisse | Joint à contacts        | kN    | kN                                  | mm   |            |             | mm  | mm | mm | Ouvert | Z | ZZ | RSR | RSR | 2RZR | RSF | RSF | 2RZF | RSY | RSY | 2RSY | Ouvert | Z | ZZ | RSR | RSR | 2RZR | RSF | RSF | 2RZF | RSY | RSY | 2RSY | Ouvert | Z | ZZ | RSR | RSR | 2RZR |
| <b>9(M4)</b>  | 26.4            | 21.5           | 21.4           | ET900       | -                  | 34                                       | 28    | 18      | 7.040                   | 3.940 | 11.0                                | 24.4 | 61         | ET900       | * [Cage Y, J, T9H, PEH] [Z, ZZ, RSR, 2RZR, RSF, 2RZF, RSY, 2RSY]  |    |    |        |   |    |     |     |      |     |     |      |     |     |      |        |   |    |     |     |      |     |     |      |     |     |      |        |   |    |     |     |      |
| Ⓣ Le roulement est composé de deux bagues intérieures, ainsi que d'un axe avec un taraudage M4 traversant |                 |                |                |             |                    |  |       |         |                         |       |                                     |      |            |             |   |    |    |        |   |    |     |     |      |     |     |      |     |     |      |        |   |    |     |     |      |     |     |      |     |     |      |        |   |    |     |     |      |
| <b>9.525</b><br>.375  | 22.225<br>.875  | 9.525<br>.375  | 9.525<br>.375  | WSR6        | -                  | 36                                       | 29    | 20      | 3.330                   | 1.410 | 11.3                                | 20.2 | 14.8       | WSR6        | [Cage Y, J, T9H, PEH] [Z, ZZ, RSR, 2RZR, RSF, 2RZF, RSY, 2RSY]  |    |    |        |   |    |     |     |      |     |     |      |     |     |      |        |   |    |     |     |      |     |     |      |     |     |      |        |   |    |     |     |      |
|   | 22.225<br>.875  | 10.32<br>.406  | 7.938<br>.313  | O9,5KM00    | -                  | 36                                       | 29    | 20      | 3.330                   | 1.410 | 11.3                                | 20.2 | 14.8       | O9,5KM00    | [Cage Y, J, T9H, PEH] [Z, ZZ, RSR, 2RZR, RSF, 2RZF, RSY, 2RSY]  |    |    |        |   |    |     |     |      |     |     |      |     |     |      |        |   |    |     |     |      |     |     |      |     |     |      |        |   |    |     |     |      |
| <b>10</b><br>.394   | 26<br>1.024     | 11.506<br>.453 | 11.506<br>.453 | O1000       | -                  | 34                                       | 28    | 18      | 4.580                   | 1.970 | 12.0                                | 24.0 | 26.6       | O1000       | [Cage Y, J, T9H, PEH] [Z, ZZ, RSR, 2RZR, RSF, 2RZF, RSY, 2RSY]  |    |    |        |   |    |     |     |      |     |     |      |     |     |      |        |   |    |     |     |      |     |     |      |     |     |      |        |   |    |     |     |      |
|   | 26              | 16             | 12             | O10M00      | -                  | 34                                       | 28    | 18      | 4.580                   | 1.970 | 12.0                                | 24.0 | 31.1       | O10M00      | [Cage Y, J, T9H, PEH] [Z, ZZ, RSR, 2RZR, RSF, 2RZF, RSY, 2RSY]  |    |    |        |   |    |     |     |      |     |     |      |     |     |      |        |   |    |     |     |      |     |     |      |     |     |      |        |   |    |     |     |      |
| <b>12</b>   | 28              | 41.5           | 8              | X1201       | -                  | 32                                       | 26    | 17      | 5.100                   | 2.370 | 14.0                                | 26.0 | 22.2       | X1201       | [Cage Y, J, T9H, PEH] [Z, ZZ, RSR, 2RZR, RSF, 2RZF, RSY, 2RSY]  |    |    |        |   |    |     |     |      |     |     |      |     |     |      |        |   |    |     |     |      |     |     |      |     |     |      |        |   |    |     |     |      |
| Ⓣ Le roulement comporte un axe chassé dans la bague intérieure  |                 |                |                |             |                    |  |       |         |                         |       |                                     |      |            |             |   |    |    |        |   |    |     |     |      |     |     |      |     |     |      |        |   |    |     |     |      |     |     |      |     |     |      |        |   |    |     |     |      |
|   | 28              | 16             | 12             | O12M00      | -                  | 32                                       | 26    | 17      | 5.100                   | 2.370 | 14.0                                | 26.0 | 34.2       | O12M00      | [Cage Y, J, T9H, PEH] [Z, ZZ, RSR, 2RZR, RSF, 2RZF, RSY, 2RSY]  |    |    |        |   |    |     |     |      |     |     |      |     |     |      |        |   |    |     |     |      |     |     |      |     |     |      |        |   |    |     |     |      |
| <b>12.7</b><br>.50  | 28              | 15             | 11.5           | O12,7M01    | -                  | 32                                       | 26    | 17      | 5.100                   | 2.370 | 14.7                                | 26.0 | 30         | O12,7M01    | [Cage Y, J, T9H, PEH] [Z, ZZ, RSR, 2RZR, RSF, 2RZF, RSY, 2RSY]  |    |    |        |   |    |     |     |      |     |     |      |     |     |      |        |   |    |     |     |      |     |     |      |     |     |      |        |   |    |     |     |      |
|   | 28              | 16             | 12             | O12,7M00    | -                  | 32                                       | 26    | 17      | 5.100                   | 2.370 | 14.7                                | 26.0 | 34         | O12,7M00    | [Cage Y, J, T9H, PEH] [Z, ZZ, RSR, 2RZR, RSF, 2RZF, RSY, 2RSY]  |    |    |        |   |    |     |     |      |     |     |      |     |     |      |        |   |    |     |     |      |     |     |      |     |     |      |        |   |    |     |     |      |
|   | 28.575<br>1.125 | 11.113<br>.438 | 11.113<br>.438 | O12,700     | -                  | 32                                       | 26    | 17      | 5.100                   | 2.370 | 14.7                                | 26.6 | 30.6       | O12,700     | [Cage Y, J, T9H, PEH] [Z, ZZ, RSR, 2RZR, RSF, 2RZF, RSY, 2RSY]  |    |    |        |   |    |     |     |      |     |     |      |     |     |      |        |   |    |     |     |      |     |     |      |     |     |      |        |   |    |     |     |      |
|   | 36.512<br>1.437 | 11.506<br>.453 | 11.506<br>.453 | O12,701     | -                  | 32                                       | 26    | 17      | 5.100                   | 2.370 | 14.7                                | 34.5 | 67.5       | O12,701     | [Cage Y, J, T9H, PEH] [Z, ZZ, RSR, 2RZR, RSF, 2RZF, RSY, 2RSY]  |    |    |        |   |    |     |     |      |     |     |      |     |     |      |        |   |    |     |     |      |     |     |      |     |     |      |        |   |    |     |     |      |
| <b>15</b>   | 35              | 14.4           | 11             | O15M00      | -                  | 26                                       | 20    | 13      | 7.730                   | 3.760 | 19.0                                | 31.0 | 47.5       | O15M00      | [Cage Y, J, T9H, PEH] [Z, ZZ, RSR, 2RZR, RSF, 2RZF, RSY, 2RSY]  |    |    |        |   |    |     |     |      |     |     |      |     |     |      |        |   |    |     |     |      |     |     |      |     |     |      |        |   |    |     |     |      |
|   | 35              | 26             | 11             | BR15KMR00   | -                  | 30                                       | 24    | 14      | 5.590                   | 2.840 | 17.0                                | 32.0 | 64.8       | BR15KMR00   | [Cage Y, J, T9H, PEH] [Z, ZZ, RSR, 2RZR, RSF, 2RZF, RSY, 2RSY]  |    |    |        |   |    |     |     |      |     |     |      |     |     |      |        |   |    |     |     |      |     |     |      |     |     |      |        |   |    |     |     |      |
| <b>17</b>   | 40              | 22             | 22             | EKR17K00    | -                  | 22                                       | 18    | 12      | 9.550                   | 4.760 | 21                                  | 36   | 111.6      | EKR17K00    | [Cage Y, J, T9H, PEH] [Z, ZZ, RSR, 2RZR, RSF, 2RZF, RSY, 2RSY]  |    |    |        |   |    |     |     |      |     |     |      |     |     |      |        |   |    |     |     |      |     |     |      |     |     |      |        |   |    |     |     |      |
|   | 42              | 10             | 9.6            | O17M00      | -                  | 28                                       | 22    | 13      | 6.000                   | 3.250 | 19.0                                | 40.0 | 70.8       | O17M00      | [Cage Y, J, T9H, PEH] [Z, ZZ, RSR, 2RZR, RSF, 2RZF, RSY, 2RSY]  |    |    |        |   |    |     |     |      |     |     |      |     |     |      |        |   |    |     |     |      |     |     |      |     |     |      |        |   |    |     |     |      |
|   | 42              | 10             | 9.6            | B17M00      | -                  | 15                                       | 12    | 9       | 8.860                   | 1.860 | 20.0                                | 39.0 | 66.6       | B17M00      | [Cage Y, J, T9H, PEH] [Z, ZZ, RSR, 2RZR, RSF, 2RZF, RSY, 2RSY] [Exécutions pleines de billes : Z; ZZ [disponibles]] |    |    |        |   |    |     |     |      |     |     |      |     |     |      |        |   |    |     |     |      |     |     |      |     |     |      |        |   |    |     |     |      |
| Ⓣ Roulement oscillant à une rangée de billes  |                 |                |                |             |                    |  |       |         |                         |       |                                     |      |            |             |   |    |    |        |   |    |     |     |      |     |     |      |     |     |      |        |   |    |     |     |      |     |     |      |     |     |      |        |   |    |     |     |      |
|   | 42              | 10             | 9.6            | B17MSD00    | -                  | 26                                       | 20    | 13      | 8.610                   | 4.290 | 20.0                                | 39.0 | 66         | B17MSD00    | [Cage Y, J, T9H, PEH] [Z, ZZ, RSR, 2RZR, RSF, 2RZF, RSY, 2RSY]  |    |    |        |   |    |     |     |      |     |     |      |     |     |      |        |   |    |     |     |      |     |     |      |     |     |      |        |   |    |     |     |      |