

# Spindle Bearings

| Vòng bi số    | Suffix Explanation                    | Mass(kg) | d  | D  | B  | Basic Load Rating(N) |        |
|---------------|---------------------------------------|----------|----|----|----|----------------------|--------|
|               |                                       |          |    |    |    | Cr                   | Cor    |
| B7000-C-T-P4S | Contact angle 15°, fiber retainer, P4 | 0.01919  | 10 | 26 | 8  | 4207.5               | 2059.2 |
| B7000-E-T-P4S | Contact angle 25°, fiber retainer, P4 | 0.01919  | 10 | 26 | 8  | 4009.5               | 1980   |
| B7001-C-T-P4S | Contact angle 15°, fiber retainer, P4 | 0.02121  | 12 | 28 | 8  | 4702.5               | 2574   |
| B7001-E-T-P4S | Contact angle 25°, fiber retainer, P4 | 0.02121  | 12 | 28 | 8  | 4504.5               | 2475   |
| B7002-C-T-P4S | Contact angle 15°, fiber retainer, P4 | 0.0303   | 15 | 32 | 9  | 6138                 | 3366   |
| B7002-E-T-P4S | Contact angle 25°, fiber retainer, P4 | 0.0303   | 15 | 32 | 9  | 5940                 | 3217.5 |
| B7003-C-T-P4S | Contact angle 15°, fiber retainer, P4 | 0.03939  | 17 | 35 | 10 | 8563.5               | 4851   |
| B7003-E-T-P4S | Contact angle 25°, fiber retainer, P4 | 0.03939  | 17 | 35 | 10 | 8217                 | 4702.5 |
| B7004-C-T-P4S | Contact angle 15°, fiber retainer, P4 | 0.06868  | 20 | 42 | 12 | 10296                | 5940   |
| B7004-E-T-P4S | Contact angle 25°, fiber retainer, P4 | 0.06868  | 20 | 42 | 12 | 9900                 | 5643   |
| B7005-C-T-P4S | Contact angle 15°, fiber retainer, P4 | 0.08181  | 25 | 47 | 12 | 14454                | 9058.5 |
| B7005-E-T-P4S | Contact angle 25°, fiber retainer, P4 | 0.08181  | 25 | 47 | 12 | 13563                | 8563.5 |
| B7006-C-T-P4S | Contact angle 15°, fiber retainer, P4 | 0.1212   | 30 | 55 | 13 | 14850                | 10098  |
| B7006-E-T-P4S | Contact angle 25°, fiber retainer, P4 | 0.1212   | 30 | 55 | 13 | 14157                | 9702   |
| B7007-C-T-P4S | Contact angle 15°, fiber retainer, P4 | 0.16059  | 35 | 62 | 14 | 18810                | 13563  |
| B7007-E-T-P4S | Contact angle 25°, fiber retainer, P4 | 0.16059  | 35 | 62 | 14 | 18117                | 12771  |
| B7008-C-T-P4S | Contact angle 15°, fiber retainer, P4 | 0.19796  | 40 | 68 | 15 | 20196                | 15840  |
| B7008-E-T-P4S | Contact angle 25°, fiber retainer, P4 | 0.19695  | 40 | 68 | 15 | 19404                | 14850  |

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|               |                                       |         |    |     |    |       |       |
|---------------|---------------------------------------|---------|----|-----|----|-------|-------|
| B7009-C-T-P4S | Contact angle 15°, fiber retainer, P4 | 0.2424  | 45 | 75  | 16 | 27225 | 20988 |
| B7009-E-T-P4S | Contact angle 25°, fiber retainer, P4 | 0.2424  | 45 | 75  | 16 | 26235 | 19800 |
| B7010-C-T-P4S | Contact angle 15°, fiber retainer, P4 | 0.26159 | 50 | 80  | 16 | 28215 | 22572 |
| B7010-E-T-P4S | Contact angle 25°, fiber retainer, P4 | 0.26058 | 50 | 80  | 16 | 26730 | 21384 |
| B7011-C-T-P4S | Contact angle 15°, fiber retainer, P4 | 0.37774 | 55 | 90  | 18 | 37620 | 30690 |
| B7011-E-T-P4S | Contact angle 25°, fiber retainer, P4 | 0.37673 | 55 | 90  | 18 | 35640 | 28710 |
| B7012-C-T-P4S | Contact angle 15°, fiber retainer, P4 | 0.40097 | 60 | 95  | 18 | 38610 | 33165 |
| B7012-E-T-P4S | Contact angle 25°, fiber retainer, P4 | 0.39996 | 60 | 95  | 18 | 36135 | 31185 |
| B7013-C-T-P4S | Contact angle 15°, fiber retainer, P4 | 0.42521 | 65 | 100 | 18 | 39600 | 35145 |
| B7013-E-T-P4S | Contact angle 25°, fiber retainer, P4 | 0.4242  | 65 | 100 | 18 | 37620 | 33165 |
| B7014-C-T-P4S | Contact angle 15°, fiber retainer, P4 | 0.60095 | 70 | 110 | 20 | 49500 | 42570 |
| B7014-E-T-P4S | Contact angle 25°, fiber retainer, P4 | 0.59893 | 70 | 110 | 20 | 46035 | 41085 |