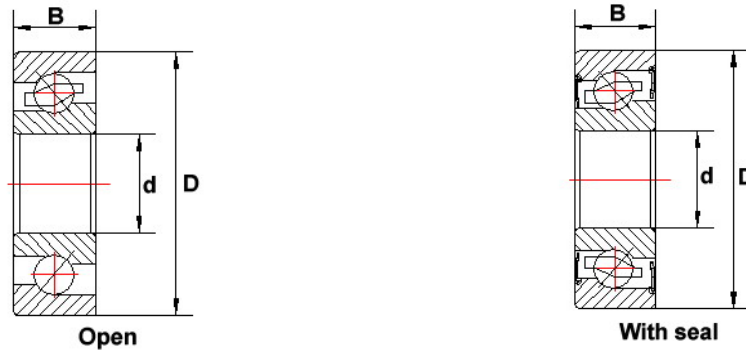


Single Row Angular Contact Ball Bearings



Suffixes

B: Contact angle is 40°.

TVP: Solid window type cage, glass-fibre reinforced polyamide.

| Code | Dimensions (mm) | | | r_s min | r_{1s} min | Mass (kg) | Load rating (kN) | | Limiting speed min ⁻¹ |
|-----------|-----------------|-----|----|--------------|-----------------|-----------|------------------|-------|-------------------------------------|
| | d | D | B | | | | Cr | Cor | |
| 7200B.TVP | 10 | 30 | 9 | 0.6 | 0.3 | 0.032 | 5.00 | 2.50 | 32000 |
| 7201B.TVP | 12 | 32 | 10 | 0.6 | 0.3 | 0.035 | 6.95 | 3.40 | 28000 |
| 7301B.TVP | | 37 | 12 | 1 | 0.6 | 0.06 | 10.60 | 5.00 | 24000 |
| 7202B.TVP | 15 | 35 | 11 | 0.6 | 0.3 | 0.044 | 8.00 | 4.30 | 24000 |
| 7302B.TVP | | 42 | 13 | 1 | 0.6 | 0.082 | 12.90 | 6.55 | 20000 |
| 7203B.TVP | 17 | 40 | 12 | 0.6 | 0.6 | 0.065 | 10.00 | 5.50 | 20000 |
| 7303B.TVP | | 47 | 14 | 1 | 0.6 | 0.109 | 16.00 | 8.30 | 18000 |
| 7204B.TVP | 20 | 47 | 14 | 1 | 0.6 | 0.104 | 13.40 | 7.65 | 18000 |
| 7304B.TVP | | 52 | 15 | 1.1 | 0.6 | 0.143 | 19.00 | 10.40 | 17000 |
| 7205B.TVP | 25 | 52 | 15 | 1 | 0.6 | 0.127 | 14.60 | 9.30 | 16000 |
| 7305B.TVP | | 62 | 17 | 1.1 | 0.6 | 0.223 | 26.00 | 15.00 | 14000 |
| 7206B.TVP | 30 | 62 | 16 | 1 | 0.6 | 0.196 | 20.40 | 13.40 | 13000 |
| 7306B.TVP | | 72 | 19 | 1.1 | 0.6 | 0.341 | 32.50 | 20.00 | 11000 |
| 7207B.TVP | 35 | 72 | 17 | 1.1 | 0.6 | 0.282 | 27.00 | 18.30 | 11000 |
| 7307B.TVP | | 80 | 21 | 1.5 | 1 | 0.447 | 39.00 | 25.00 | 9500 |
| 7208B.TVP | 40 | 80 | 18 | 1.1 | 0.6 | 0.367 | 32.00 | 23.20 | 9500 |
| 7308B.TVP | | 90 | 23 | 1.5 | 1 | 0.609 | 50.00 | 32.50 | 8500 |
| 7209B.TVP | 45 | 85 | 19 | 1.1 | 0.6 | 0.405 | 36.00 | 26.50 | 8500 |
| 7309B.TVP | | 100 | 25 | 1.5 | 1 | 0.812 | 60.00 | 40.00 | 7500 |
| 7210B.TVP | 50 | 90 | 20 | 1.1 | 0.6 | 0.458 | 37.50 | 28.50 | 8000 |
| 7310B.TVP | | 110 | 27 | 2 | 1 | 1.05 | 69.50 | 47.50 | 7000 |
| 7211B.TVP | 55 | 100 | 21 | 1.5 | 1 | 0.604 | 46.50 | 36.00 | 7000 |
| 7311B.TVP | | 120 | 29 | 2 | 1 | 1.38 | 78.00 | 56.00 | 6300 |
| 7212B.TVP | 60 | 110 | 22 | 1.5 | 1 | 0.78 | 56.00 | 44.00 | 6300 |
| 7312B.TVP | | 130 | 31 | 2.1 | 1.1 | 1.72 | 90.00 | 65.50 | 5600 |
| 7213B.TVP | 65 | 120 | 23 | 1.5 | 1 | 1 | 64.00 | 53.00 | 6000 |

Bearing

| | | | | | | | | | |
|-----------|-----|-----|----|-----|-----|------|--------|--------|------|
| 7313B.TVP | | 140 | 33 | 2.1 | 1.1 | 2.12 | 102.00 | 75.00 | 5300 |
| 7214B.TVP | 70 | 125 | 24 | 1.5 | 1 | 1.08 | 69.50 | 58.50 | 5600 |
| 7314B.TVP | | 150 | 35 | 2.1 | 1.1 | 2.57 | 114.00 | 863.50 | 5000 |
| 7215B.TVP | 75 | 130 | 25 | 1.5 | 1 | 1.16 | 68.00 | 58.50 | 5300 |
| 7315B.TVP | | 160 | 37 | 2.1 | 1.1 | 3.08 | 127.00 | 100.00 | 4500 |
| 7216B.TVP | 80 | 140 | 26 | 2 | 1 | 1.42 | 80.00 | 69.50 | 5000 |
| 7316B.TVP | | 170 | 39 | 2.1 | 1.1 | 3.66 | 140.00 | 114.00 | 4300 |
| 7217B.TVP | 85 | 150 | 28 | 2 | 1 | 1.82 | 90.00 | 80.00 | 4500 |
| 7317B.TVP | | 180 | 41 | 3 | 1.1 | 4.26 | 150.00 | 127.00 | 4000 |
| 7218B.TVP | 90 | 160 | 30 | 2 | 1 | 2.21 | 106.00 | 93.00 | 4300 |
| 7318B.TVP | | 190 | 43 | 3 | 1.1 | 4.99 | 160.00 | 140.00 | 3800 |
| 7219B.TVP | 95 | 170 | 32 | 2.1 | 1.1 | 2.63 | 116.00 | 100.00 | 4000 |
| 7319B.TVP | | 200 | 45 | 3 | 1.1 | 5.77 | 173.00 | 153.00 | 3800 |
| 7220B.TVP | 100 | 180 | 34 | 2.1 | 1.1 | 3.16 | 129.00 | 114.00 | 3800 |
| 7320B.TVP | | 225 | 49 | 3 | 1.1 | 7.16 | 193.00 | 180.00 | 3600 |
| 7221B.TVP | 105 | 190 | 36 | 2.1 | 1.1 | 4.18 | 143.00 | 129.00 | 6000 |
| 7321B.TVP | | 225 | 49 | 3 | 1.1 | 9 | 200.00 | 193.00 | 5300 |
| 7222B.TVP | 110 | 200 | 38 | 2.1 | 1.1 | 4.44 | 153.00 | 143.00 | 3600 |
| 7322B.TVP | | 240 | 50 | 3 | 1.1 | 9.73 | 224.00 | 224.00 | 3400 |
| 7224B.TVP | 120 | 215 | 40 | 2.1 | 1.1 | 5.31 | 166.00 | 160.00 | 3400 |
| 7324B.TVP | | 260 | 55 | 3 | 1.1 | 12.4 | 250.00 | 260.00 | 3200 |
| 7226B.TVP | 130 | 230 | 40 | 3 | 1.1 | 6.12 | 186.00 | 190.00 | 3200 |
| 7326B.TVP | | 280 | 58 | 4 | 1.5 | 15.1 | 275.00 | 300.00 | 3000 |
| 7228B.TVP | 140 | 250 | 42 | 3 | 1.1 | 8.55 | 196.00 | 212.00 | 4800 |
| 7328B.TVP | | 320 | 65 | 4 | 1.5 | 20.4 | 300.00 | 340.00 | 4300 |
| 7230B.TVP | 150 | 270 | 45 | 3 | 1.1 | 10.9 | 224.00 | 255.00 | 4500 |
| 7330B.TVP | | 320 | 65 | 4 | 1.5 | 24.8 | 325.00 | 390.00 | 3800 |