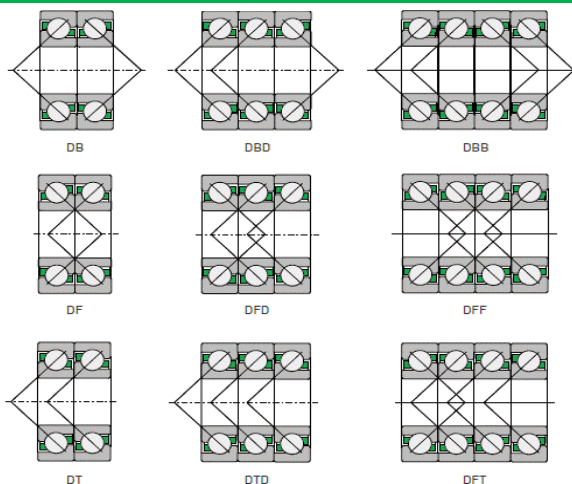
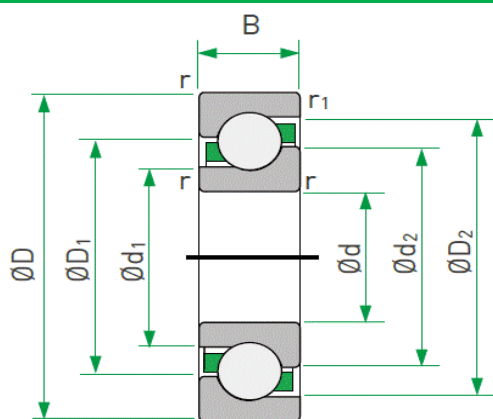


BALLSCREW BEARINGS

ANGULAR CONTACT TYPE



Bearing Specification Table:

| Specification | | | Main Dimensions (mm) | | | | | Dynamic Load Rating (Note 1) | Axial Load (Note 2) | Shaft Diameter (mm) | Allowable speed (rpm) | Other Dimensions (mm) | | | |
|---------------|------------------------------|----------------------------------|----------------------|----|----|---------|----------------------|------------------------------|---------------------|---------------------|-----------------------|-----------------------|----------------------|----------------|----------------|
| Open Type | With Dust Cap (Contact Type) | With Dust Cap (Non-Contact Type) | d | D | B | r (min) | r ₁ (min) | | | | | Ca (kN) | C _{0a} (kN) | d ₁ | d ₂ |
| 15 BSB 47 | 15 BSB 47 WW | 15 BSB 47 UU | 15 | 47 | 15 | 1 | 0.6 | 21.9 | 26.6 | ∅20 | 6000 | 27.3 | 34 | 34.2 | 39.6 |
| 17 BSB 47 | 17 BSB 47 WW | 17 BSB 47 UU | 17 | 47 | 15 | 1 | 0.7 | 21.9 | 26.6 | ∅25-∅28 | 6000 | 27.3 | 34 | 34.2 | 39.6 |
| 20 BSB 47 | 20 BSB 47 WW | 20 BSB 47 UU | 20 | 47 | 15 | 1 | 0.8 | 21.9 | 26.6 | ∅25-∅28 | 6000 | 27.3 | 34 | 34.2 | 39.6 |
| 25 BSB 62 | 25 BSB 62 WW | 25 BSB 62 UU | 25 | 62 | 15 | 1 | 0.9 | 29.2 | 43 | ∅30-∅36 | 4300 | 39.6 | 47.2 | 47 | 53.3 |
| 30 BSB 62 | 30 BSB 62 WW | 30 BSB 62 UU | 30 | 62 | 15 | 1 | 0.10 | 29.2 | 43 | ∅40 | 4300 | 39.6 | 47.2 | 47 | 53.3 |
| 35 BSB 72 | 35 BSB 72 WW | 35 BSB 72 UU | 35 | 72 | 15 | 1 | 0.11 | 31.5 | 52 | ∅45 | 3600 | 49.3 | 57.1 | 56.9 | 65.2 |
| 40 BSB 72 | 40 BSB 72 WW | 40 BSB 72 UU | 40 | 72 | 15 | 1 | 0.12 | 31.5 | 52 | ∅50 | 3600 | 49.3 | 57.1 | 56.9 | 63.2 |

Assembly Arrangement Table

| Specification | Bearing Assembly Type | | | | | | | | | Basic Dynamic Load Rating (k.N) | | |
|---------------|-----------------------|-------------------|---------------------|--------------|-------------------|---------------------|--------------|---------------------|---------------------|---------------------------------|---------------------|------------------------|
| | Duplex | | DF.DB | | | Triplex DFD. DBD | | Quadruplex DFF. DBD | | Supported by 1 Row | Supported by 2 Rows | Supported by 3 Rows |
| | Preload (kN) | Stiffness (kN/μm) | Start Torque (N.cm) | Preload (kN) | Stiffness (kN/μm) | Start Torque (N.cm) | Preload (kN) | Stiffness (kN/μm) | Start Torque (N.cm) | Single DB | DF. | DT. DBD. DFD. DBB. DFF |
| 15 BSB 47 | 2.1 | 0.75 | 14 | 2.9 | 1.1 | 20 | 4.3 | 1.4 | 29 | 21.9 | 35.5 | 47.5 |
| 17 BSB 47 | 2.1 | 0.75 | 14 | 2.9 | 1.1 | 20 | 4.3 | 1.4 | 29 | 21.9 | 35.5 | 47.5 |
| 20 BSB 47 | 2.1 | 0.75 | 14 | 2.9 | 1.1 | 20 | 4.3 | 1.4 | 29 | 21.9 | 35.5 | 47.5 |
| 25 BSB 62 | 3.3 | 1.0 | 24 | 4.5 | 1.5 | 33 | 6.6 | 2.0 | 49 | 29.2 | 47.5 | 63 |
| 30 BSB 62 | 3.3 | 1.0 | 24 | 4.5 | 1.5 | 33 | 6.6 | 2.0 | 49 | 29.2 | 47.5 | 63 |
| 35 BSB 72 | 3.9 | 1.2 | 28 | 5.3 | 1.8 | 37 | 7.8 | 2.4 | 55 | 31.5 | 51.5 | 68.5 |
| 40 BSB 72 | 3.9 | 1.2 | 28 | 5.3 | 1.8 | 37 | 7.8 | 2.4 | 55 | 31.5 | 51.5 | 68.5 |