

| Designation | | | | Principal dimensions (mm) | | | | | | Basic load ratings(N) | | Basic load ratings(kgf) | | Speed ratings(rpm) | | | Abutment and fillet dimensions (mm) | | | | | | Weight(g) | |
|-------------|---------------|--------------|--------------|---------------------------|----|-----|-----|------------------|-------------------|-----------------------|-----|-------------------------|-----|--------------------|-------|---------|-------------------------------------|----------------|---------|----------|----------------|----------------|-----------|---------------|
| 轴承代号 | | | | 外形尺寸 | | | | | | 额定载荷(N) | | 额定载荷(kgf) | | 极限转速(rpm) | | | 安装尺寸(mm) | | | | | | 重量(g) | |
| Open type | With shielded | With seal VV | With seal DD | d | D | B | B1 | r ⁽¹⁾ | r1 ⁽¹⁾ | Cr | Cor | Cr | Cor | Grease 脂润滑 | | Oil 油润滑 | d _a | d _b | Da | Db | r _a | r _b | Open type | With shielded |
| | | | | | | | | Min (最小) | Min (最小) | | | | | ZZ | D-D | Z | Min (最小) | Max(最大) | Max(最大) | Min (最小) | Max(最大) | Max(最大) | | |
| 681 | - | - | - | 1 | 3 | 1 | - | 0.05 | - | 80 | 23 | 8 | 2.5 | 130000 | - | 150000 | 1.4 | - | 2.6 | - | 0.05 | - | 0.03 | - |
| 681X | 681XZZ | - | - | 1.5 | 4 | 12 | 2 | 0.05 | 0.05 | 112 | 33 | 11 | 3.5 | 100000 | - | 120000 | 1.9 | 2.1 | 3.6 | 3.6 | 0.05 | 0.05 | 0.07 | 0.11 |
| 682 | 682ZZ | - | - | 2 | 5 | 15 | 23 | 0.08 | 0.08 | 169 | 50 | 17 | 5 | 85000 | - | 100000 | 2.6 | 2.7 | 4.4 | 4.2 | 0.08 | 0.08 | 0.12 | 0.17 |
| 682X | 682XZZ | - | - | 2.5 | 6 | 18 | 2.6 | 0.08 | 0.08 | 208 | 74 | 21 | 7.5 | 71000 | - | 80000 | 3.1 | 3.7 | 5.4 | 5.4 | 0.08 | 0.08 | 0.23 | 0.29 |
| 683A | 683AZZ | - | - | 3 | 7 | 2 | 3 | 0.1 | 0.1 | 390 | 130 | 40 | 13 | 63000 | - | 75000 | 3.8 | 4 | 6.2 | 6.4 | 0.1 | 0.1 | 0.32 | 0.45 |
| 684A | 684AZZ | - | - | 4 | 9 | 2.5 | 4 | -0.15 | -0.15 | 640 | 225 | 65 | 23 | 53000 | - | 63000 | 4.8 | 5.2 | 8.2 | 8.1 | 0.1 | 0.1 | 0.63 | 1.01 |
| 685 | 685ZZ | - | - | 5 | 11 | 3 | 5 | 0.15 | 0.15 | 715 | 281 | 73 | 29 | 45000 | - | 53000 | 6.2 | 6.2 | 9.8 | 9.9 | 0.15 | 0.15 | 1.2 | 1.96 |
| 686A | 686AZZ | 686AVV | 686ADD | 6 | 13 | 3.5 | 5 | 0.15 | 0.15 | 1080 | 440 | 110 | 45 | 40000 | 38000 | 50000 | 7.2 | 7.4 | 11.8 | 11.7 | 0.15 | 0.15 | 1.91 | 2.69 |
| 687 | 687ZZ1 | 687VV | 687DD | 7 | 14 | 3.5 | 5 | 0.15 | 0.15 | 1170 | 510 | 120 | 52 | 40000 | 34000 | 45000 | 8.2 | 8.5 | 12.8 | 12.7 | 0.15 | 0.15 | 2.13 | 2.97 |
| 688A | 688AZZ1 | 688AVV | 688ADD | 8 | 16 | 4 | 5 | 0.2 | 0.2 | 1610 | 710 | 164 | 73 | 36000 | 28000 | 43000 | 9.6 | 10.2 | 14.4 | 14.2 | 0.2 | 0.2 | 3.12 | 4.02 |
| 689 | 689ZZ1 | 689VV | 689DD | 9 | 17 | 4 | 5 | 0.2 | 0.2 | 1330 | 665 | 136 | 68 | 36000 | 24000 | 43000 | 10.6 | 11.5 | 15.4 | 15.2 | 0.2 | 0.2 | 3.53 | 4.43 |