

SRB Model (Split Outer Ring model for inner ring rotation)

SRB20030

Model number

UU

Seal mark

If no mark is available: no seal
 UU : seal on both sides
 U : seal on either side

S1

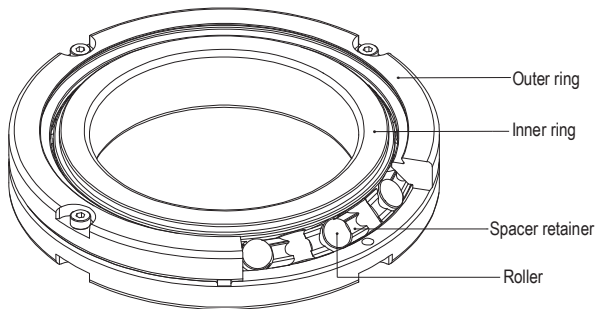
Radial clearance mark (P.19)

S1 : Preloaded (negative clearance)
 C1 : No preload (positive clearance)

P2

Accuracy mark (P.15)

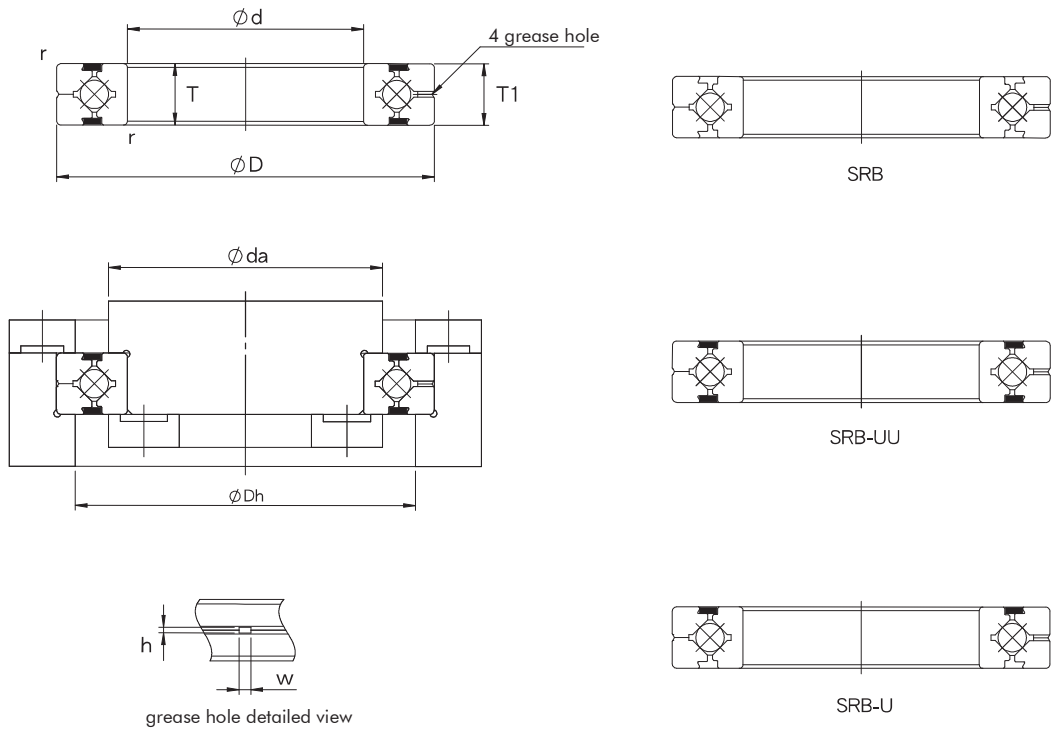
if no mark is available: ordinary grade (0 grade)
 P5 : rotating accuracy grade 5
 PS5 : rotating accuracy grade 5+size accuracy grade 5
 P4 : rotating accuracy grade 4
 PS4 : rotating accuracy grade 4 +size accuracy grade 4
 P2 : rotating accuracy grade 2
 PS2 : rotating accuracy grade 2 + size accuracy grad 2



Unit : mm

| Shaft Diameter | Model Number | Main Dimensions | | | | | | Shoulder Height | | Basic Load Rating (Radial) | | Mass |
|----------------|--------------|---------------------|---------------------|----------------------------|---------------|-----|-----------------------------|-----------------|----------------|----------------------------|----------------------|------|
| | | Inner Diameter d | Outer Diameter D | Width T, T ₁ | Greasing Hole | | Chamfer r _{min} | d _a | D _h | C kN | C ₀ kN | kg |
| | | | | | w | h | | | | | | |
| 20 | SRB2008 | 20 | 36 | 8 | 2.1 | 0.7 | 0.5 | 24 | 30 | 3.2 | 3.1 | 0.06 |
| 25 | SRB2508 | 25 | 41 | 8 | 2.1 | 0.7 | 0.5 | 29 | 35 | 3.6 | 3.8 | 0.07 |
| 30 | SRB3010 | 30 | 55 | 10 | 2.6 | 0.8 | 0.6 | 37.5 | 46.5 | 7.4 | 8.4 | 0.14 |
| 35 | SRB3510 | 35 | 60 | 10 | 2.6 | 0.8 | 0.6 | 41.5 | 51 | 7.6 | 9.1 | 0.12 |
| 40 | SRB4010 | 40 | 65 | 10 | 2.6 | 0.8 | 0.6 | 47 | 58 | 8.3 | 10.8 | 0.18 |
| 45 | SRB4510 | 45 | 70 | 10 | 2.6 | 0.8 | 0.6 | 51.5 | 61 | 8.6 | 11.1 | 0.15 |
| 50 | SRB5013 | 50 | 80 | 13 | 2.6 | 1.5 | 0.6 | 57 | 72.5 | 16.6 | 20.7 | 0.28 |
| 60 | SRB6013 | 60 | 90 | 13 | 2.6 | 1.5 | 0.6 | 67.5 | 82.5 | 18 | 24.1 | 0.32 |
| 70 | SRB7013 | 70 | 100 | 13 | 2.6 | 1.5 | 0.6 | 78.5 | 91.5 | 19.5 | 27.9 | 0.37 |
| 80 | SRB8016 | 80 | 120 | 16 | 3.1 | 1.5 | 0.8 | 91.5 | 110 | 30 | 42 | 0.72 |
| 90 | SRB9016 | 90 | 130 | 16 | 3.1 | 1.5 | 1.0 | 98.8 | 117 | 31.3 | 45.1 | 0.77 |
| 100 | SRB10016 | 100 | 140 | 16 | 3.6 | 1.5 | 1.0 | 110 | 128 | 31.8 | 48.8 | 0.82 |
| 100 | SRB10020 | 100 | 150 | 20 | 3.6 | 1.5 | 1.0 | 117 | 132 | 33 | 51 | 1.47 |
| 110 | SRB11012 | 110 | 135 | 12 | 2.6 | 0.8 | 0.6 | 118 | 126 | 12.6 | 24 | 0.42 |
| 110 | SRB11015 | 110 | 145 | 15 | 3.6 | 1.5 | 0.6 | 123 | 135 | 23.8 | 41.8 | 0.76 |
| 110 | SRB11020 | 110 | 160 | 20 | 3.6 | 1.5 | 1.0 | 121 | 139 | 34 | 54 | 1.58 |
| 120 | SRB12016 | 120 | 150 | 16 | 3.6 | 1.5 | 0.8 | 128 | 140 | 24.3 | 43.4 | 0.74 |
| 120 | SRB12025 | 120 | 180 | 25 | 3.6 | 2.1 | 1.5 | 134 | 163 | 66.8 | 100.2 | 2.62 |

Note) (w) and (h) greasing hole dimensions in the detailed view are reference values.



Unit : mm

| Shaft Diameter | Model Number | Main Dimensions | | | | | | Shoulder Height | | Basic Load Rating (Radial) | | Mass |
|----------------|--------------|--------------------|--------------------|----------------|---------------|-----|-------------------|-----------------|------|----------------------------|----------|------|
| | | Inner Diameter d | Outer Diameter D | Width T, T_1 | Greasing Hole | | Chamfer r_{min} | da | Dh | C kN | C_0 kN | kg |
| | | | | | w | h | | | | | | |
| 130 | SRB13015 | 130 | 160 | 15 | 3.6 | 1.5 | 0.8 | 136 | 151 | 25 | 46.9 | 0.74 |
| 130 | SRB13025 | 130 | 190 | 25 | 3.6 | 2.1 | 1.2 | 144 | 173 | 69.7 | 107.3 | 2.8 |
| 140 | SRB14016 | 140 | 175 | 16 | 2.6 | 1.5 | 0.8 | 148 | 163 | 26 | 50.3 | 1.1 |
| 140 | SRB14025 | 140 | 200 | 25 | 3.6 | 2.1 | 1.2 | 155 | 184 | 74.7 | 121 | 2.98 |
| 150 | SRB15013 | 150 | 180 | 13 | 2.6 | 1.5 | 0.5 | 158 | 171 | 27.1 | 53.7 | 0.66 |
| 150 | SRB15025 | 150 | 210 | 25 | 3.6 | 2.1 | 1.2 | 165 | 193 | 76.5 | 128 | 3.18 |
| 150 | SRB15030 | 150 | 230 | 30 | 4.6 | 3.1 | 1.5 | 174 | 210 | 100 | 156 | 5.2 |
| 160 | SRB16025 | 160 | 220 | 25 | 3.6 | 2.1 | 1.2 | 172 | 205 | 81.6 | 135 | 3.12 |
| 170 | SRB17020 | 170 | 220 | 20 | 3.6 | 1.5 | 1.2 | 185 | 197 | 29.2 | 62 | 2.2 |
| 180 | SRB18025 | 180 | 240 | 25 | 3.6 | 1.8 | 1.2 | 196 | 224 | 84.3 | 143 | 3.41 |
| 190 | SRB19025 | 190 | 240 | 25 | 3.6 | 1.5 | 0.8 | 203 | 221 | 41.8 | 82.7 | 2.97 |
| 200 | SRB20025 | 200 | 260 | 25 | 3.6 | 1.8 | 1.8 | 214 | 246 | 84.1 | 157 | 4.2 |
| 200 | SRB20030 | 200 | 280 | 30 | 4.6 | 2.8 | 1.8 | 222 | 257 | 113 | 202 | 6.8 |
| 200 | SRB20035 | 200 | 295 | 35 | 5.1 | 2.8 | 1.8 | 224 | 271 | 151 | 251 | 9.8 |
| 220 | SRB22025 | 220 | 280 | 25 | 3.6 | 1.8 | 1.8 | 236 | 264 | 92.1 | 173 | 4 |
| 240 | SRB24025 | 240 | 300 | 25 | 3.6 | 1.8 | 2.2 | 255 | 282 | 68.4 | 146 | 4.7 |
| 250 | SRB25025 | 250 | 310 | 25 | 3.6 | 1.8 | 2.2 | 264 | 291 | 69.2 | 152 | 5.2 |

Note) (w) and (h) greasing hole dimensions in the detailed view are reference values.