

15578/15520

SKF

57.15×25.4×17.462mm rb max.

1.5 mm Tapered roller bearings

Bearing number	15578/15520
Size (mm)	57.15×25.4×17.462
Brand	SKF
Bore Diameter (mm)	57.15
Outer Diameter (mm)	25.4
Width (mm)	17.462
d	25.4 mm
D	57.15 mm
T	17.462 mm
d ₁	42.3 mm
B	17.513 mm
C	13.55 mm
r _{1,2} – min.	1.3 mm
r _{3,4} – min.	1.5 mm
a	12 mm
d _a – max.	35 mm
d _b – min.	31.5 mm
D _a – min.	49 mm
D _a – max.	50 mm
D _b – min.	53 mm
C _a – min.	3 mm

C_b – min.	3.5 mm
r_a – max.	1.3 mm
r_b – max.	1.5 mm
Basic dynamic load rating – C	40.2 kN
Basic static load rating – C_0	45.5 kN
Fatigue load limit – P_u	4.9 kN
Reference speed	9000 r/min
Limiting speed	13000 r/min
Calculation factor – e	0.35
Calculation factor – Y	1.7
Calculation factor – Y_0	0.9
Dimension series	15500
$d_1 \approx$	42.3 mm
$r_{1,2}$ min.	1.3 mm
$r_{3,4}$ min.	1.5 mm
d_a max.	35 mm
d_b min.	33 mm
D_a min.	49 mm
D_a max.	50 mm
D_b min.	53 mm
C_a min.	3 mm
C_b min.	3.5 mm
r_a max.	1.3 mm
r_b max.	1.5 mm
Basic dynamic load rating C	49.1 kN
Basic static load rating C_0	45.5 kN

Fatigue load limit P_u	4.9 kN
Calculation factor e	0.35
Calculation factor Y	1.7
Calculation factor Y_0	0.9
Mass bearing	0.22 kg