

314756 SKF Limiting value e 0.2 440x320x72mm Cylindrical roller bearings

Bearing number	314756
Size (mm)	440x320x72
Brand	SKF
Bore Diameter (mm)	440
Outer Diameter (mm)	320
Width (mm)	72
d	320 mm
D	440 mm
B	72 mm
d_1	362 mm
D_1	393 mm
F	352 mm
$r_{1,2} - \text{min.}$	3 mm
$d_a - \text{min.}$	333 mm
$d_b - \text{min.}$	366 mm
$D_a - \text{max.}$	427 mm
$r_a - \text{max.}$	2.5 mm
Basic dynamic load rating – C	765 kN
Basic static load rating – C_0	1500 kN
Fatigue load limit – P_u	140 kN
Reference speed	1400 r/min
Limiting speed	1400 r/min

Calculation factor – k_r	0.1
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$d_1 \approx$	362 mm
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$r_{1,2} \text{ min.}$	3 mm

d_a min.	333 mm
d_b min.	366 mm
D_a max.	427 mm
r_a max.	2.5 mm
Basic dynamic load rating C	765 kN
Basic static load rating C_0	1500 kN
Fatigue load limit P_u	140 kN
Calculation factor k_r	0.1
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	34.5 kg