

319301 SKF 1820x1500x140mm

Calculation factor – kr 0.03

Thrust ball bearings

Bearing number	319301
Size (mm)	1820x1500x140
Brand	SKF
Bore Diameter (mm)	1820
Outer Diameter (mm)	1500
Width (mm)	140
d	1500 mm
D	1820 mm
B	140 mm
d_1	1618 mm
E	1738 mm
$r_{1,2} - \text{min.}$	7.5 mm
s	18.5 mm
$d_a - \text{min.}$	1528 mm
$d_a - \text{max.}$	1728 mm
$D_a - \text{min.}$	1748 mm
$D_a - \text{max.}$	1792 mm
$r_a - \text{max.}$	6 mm
Basic dynamic load rating – C	3300 kN
Basic static load rating – C_0	8000 kN
Fatigue load limit – P_u	440 kN
Reference speed	200 r/min
Limiting speed	260 r/min

Calculation factor – k_r	0.03
$d_1 \approx$	1618 mm
$r_{1,2}$ min.	7.5 mm
s max.	18.5 mm
d_a min.	1528 mm
d_a max.	1728 mm
D_a min.	1748 mm
D_a max.	1792 mm
r_a max.	6 mm
Basic dynamic load rating C	3300 kN
Basic static load rating C_0	8000 kN
Fatigue load limit P_u	440 kN
Calculation factor k_r	0.03
Limiting value e	0.2
Axial load factor Y	0
Mass bearing	653 kg