

# 316012 SKF 820x670x56mm da max. 770 mm Thrust ball bearings

Bearing number	316012
Size (mm)	820x670x56
Brand	SKF
Bore Diameter (mm)	820
Outer Diameter (mm)	670
Width (mm)	56
d	670 mm
D	820 mm
B	56 mm
$d_1$	728 mm
E	777 mm
$r_{1,2} - \text{min.}$	3 mm
s	7.5 mm
$d_a - \text{min.}$	684 mm
$d_a - \text{max.}$	770 mm
$D_a - \text{min.}$	781 mm
$D_a - \text{max.}$	806 mm
$r_a - \text{max.}$	2.5 mm
Basic dynamic load rating – C	616 kN
Basic static load rating – $C_0$	1370 kN
Fatigue load limit – $P_u$	83 kN
Reference speed	1600 r/min
Limiting speed	2200 r/min

Calculation factor – $k_r$	0.02
$d_1 \approx$	728 mm
$r_{1,2}$ min.	3 mm
s max.	7.5 mm
$d_a$ min.	684 mm
$d_a$ max.	770 mm
$D_a$ min.	781 mm
$D_a$ max.	806 mm
$r_a$ max.	2.5 mm
Basic dynamic load rating C	616 kN
Basic static load rating $C_0$	1370 kN
Fatigue load limit $P_u$	83 kN
Calculation factor $k_r$	0.02
Limiting value e	0.2
Axial load factor Y	0
Mass bearing	57 kg