

# 315933 SKF 780x630x56mm

## Fatigue load limit – Pu 85 kN

### Thrust ball bearings

Bearing number	315933
Size (mm)	780x630x56
Brand	SKF
Bore Diameter (mm)	780
Outer Diameter (mm)	630
Width (mm)	56
d	630 mm
D	780 mm
B	56 mm
d <sub>1</sub>	688 mm
E	737 mm
r <sub>1,2</sub> – min.	4 mm
s	5.6 mm
d <sub>a</sub> – min.	645 mm
d <sub>a</sub> – max.	730 mm
D <sub>a</sub> – min.	741 mm
D <sub>a</sub> – max.	765 mm
r <sub>a</sub> – max.	3 mm
Basic dynamic load rating – C	605 kN
Basic static load rating – C <sub>0</sub>	1290 kN
Fatigue load limit – P <sub>u</sub>	85 kN
Reference speed	1700 r/min
Limiting speed	2600 r/min

Calculation factor – $k_r$	0.03
$d_1 \approx$	688 mm
$r_{1,2}$ min.	4 mm
s max.	5.6 mm
$d_a$ min.	645 mm
$d_a$ max.	730 mm
$D_a$ min.	741 mm
$D_a$ max.	765 mm
$r_a$ max.	3 mm
Basic dynamic load rating C	605 kN
Basic static load rating $C_0$	1290 kN
Fatigue load limit $P_u$	85 kN
Calculation factor $k_r$	0.03
Limiting value e	0.2
Axial load factor Y	0
Mass bearing	55 kg