

# 316053 SKF Da – min. 647 mm 680x560x45mm Thrust ball bearings

Bearing number	316053
Size (mm)	680x560x45
Brand	SKF
Bore Diameter (mm)	680
Outer Diameter (mm)	560
Width (mm)	45
d	560 mm
D	680 mm
B	45 mm
$d_1$	606 mm
E	645 mm
$r_{1,2}$ – min.	3 mm
s	5.8 mm
$d_a$ – min.	573 mm
$d_a$ – max.	639 mm
$D_a$ – min.	647 mm
$D_a$ – max.	667 mm
$r_a$ – max.	2.5 mm
Basic dynamic load rating – C	429 kN
Basic static load rating – $C_0$	950 kN
Fatigue load limit – $P_u$	62 kN
Reference speed	2000 r/min
Limiting speed	3200 r/min

Calculation factor – $k_r$	0.02
$d_1 \approx$	606 mm
$r_{1,2}$ min.	3 mm
s max.	5.8 mm
$d_a$ min.	573 mm
$d_a$ max.	639 mm
$D_a$ min.	647 mm
$D_a$ max.	667 mm
$r_a$ max.	2.5 mm
Basic dynamic load rating C	429 kN
Basic static load rating $C_0$	950 kN
Fatigue load limit $P_u$	62 kN
Calculation factor $k_r$	0.02
Limiting value e	0.2
Axial load factor Y	0
Mass bearing	31.5 kg