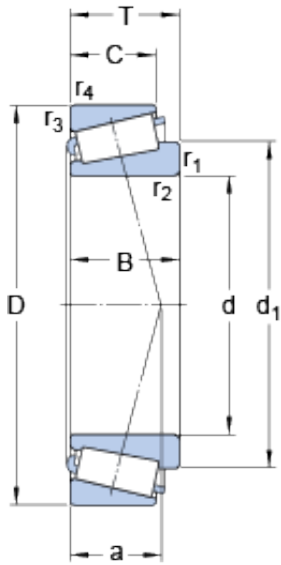




# SKF DRIVESHAFT CORP



609.6 mm x 787.4 mm x 93.662 mm skf EE  
649240/649310 Single row tapered roller bearings

Bearing No. EE 649240/649310

EE 649240/649310 Bearing 2D drawings and 3D CAD models

Size	787.4x609.6x93.662 mm
Bore Diameter	787,4 mm
Outer Diameter	609,6 mm
Width	93,662 mm
d	609.6 mm
D	787.4 mm
T	93.662 mm
d <sub>1</sub>	687 mm
B	93.662 mm
C	69.85 mm
r <sub>1,2</sub> - min.	6.4 mm
r <sub>3,4</sub> - min.	6.4 mm
a	125 mm
d <sub>a</sub> - max.	643 mm
d <sub>b</sub> - min.	642 mm
D <sub>a</sub> - min.	732 mm
D <sub>a</sub> - max.	755 mm
D <sub>b</sub> - min.	755 mm
C <sub>a</sub> - min.	17 mm
C <sub>b</sub> - min.	23.5 mm
r <sub>a</sub> - max.	6 mm
r <sub>b</sub> - max.	6 mm
Basic dynamic load rating - C	2160 kN
Basic static load rating - C <sub>0</sub>	5300 kN



## SKF DRIVESHAFT CORP

Fatigue load limit - $P_u$	380 kN
Reference speed	450 r/min
Limiting speed	670 r/min
Calculation factor - e	0.37
Calculation factor - Y	1.6
Calculation factor - $Y_0$	0.9
Dimension series	EE 649000
$d_1$	687 mm
$r_{1,2}$ min.	6.4 mm
$r_{3,4}$ min.	6.4 mm
$d_a$ max.	643 mm
$d_b$ min.	642 mm
$D_a$ min.	732 mm
$D_a$ max.	755 mm
$D_b$ min.	755 mm
$C_a$ min.	17 mm
$C_b$ min.	23.5 mm
$r_a$ max.	6 mm
$r_b$ max.	6 mm
Basic dynamic load rating C	2160 kN
Basic static load rating $C_0$	5300 kN
Fatigue load limit $P_u$	380 kN
Calculation factor e	0.37
Calculation factor Y	1.6
Calculation factor $Y_0$	0.9
Mass bearing	110 kg