



305807 C-2Z Bearing 2D drawings and 3D CAD models

**35 mm x 80 mm x 27 mm SKF 305807 C-2Z  
deep groove ball bearings**

Bearing No. 305807 C-2Z

Size	35x80x27 mm
Bore Diameter	35 mm
Outer Diameter	80 mm
Width	27 mm
D	80 mm
d	35 mm
B	27 mm
d <sub>1</sub>	45.4 mm
D <sub>1</sub>	63.9 mm
R	400 mm
r <sub>1,2</sub> - min.	1.1 mm
a	42 mm
Basic dynamic load rating - C	31.9 kN
Basic static load rating - C <sub>0</sub>	20.4 kN
Fatigue load limit - P <sub>u</sub>	0.865 kN
Maximum dynamic radial loads - F <sub>r</sub>	max. 15.6 kN
Maximum static radial loads - F <sub>0r</sub>	max. 22.4 kN
Limiting speed	4300 r/min
Category	Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



## Timken MANUFACTURING (THAILAND)CO.,LTD.

Weight / Kilogram	0.66
EAN	7316577008190
Product Group	B00152
roller diameter:	80 mm
radial static load capacity:	5400 lbf
roller width:	27 mm
roller material:	Chrome Steel
bore diameter:	35 mm
maximum rpm:	4300 RPM
roller shape:	Crowned
lubrication hole location:	Inner Ring
bearing element:	Balls - Two Rows
axial dynamic load capacity:	7760 lbf
closure type:	Shielded
axial static load capacity:	4860 lbf
operating temperature range:	Maximum of +300 ° F
finish/coating:	Uncoated
radial dynamic load capacity:	3730 lbf
standards met:	ANSI/ABMA Standard 18.1
$d_1$	45.4 mm
$D_1$	63.9 mm
$r_{1,2}$ min.	1.1 mm
Basic dynamic load rating C	31.9 kN
Basic static load rating $C_0$	20.4 kN
Fatigue load limit $P_u$	0.865 kN
Maximum dynamic radial load $F_r$ max.	15.6 kN
Maximum static radial load $F_{0r}$ max.	22.4 kN
Mass cam roller	0.65 kg