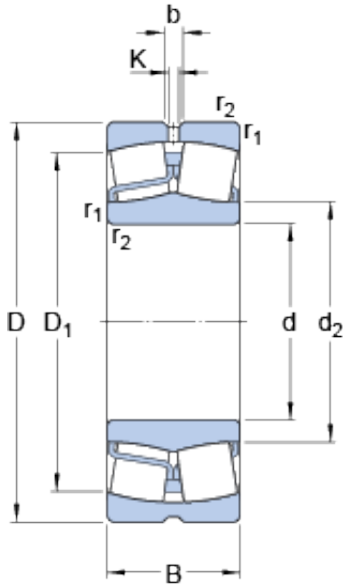




# BEARING DRIVESHAFT, INC.

80 mm x 140 mm x 33 mm skf 22216 e bearing



22216 e Bearing 2D drawings and 3D CAD models

Bearing No. 22216 e

Size	140x80x33 mm
Bore Diameter	140 mm
Outer Diameter	80 mm
Width	33 mm
d	80 mm
D	140 mm
B	33 mm
d <sub>2</sub>	94.7 mm
D <sub>1</sub>	124 mm
b	6 mm
K	3 mm
r <sub>1,2</sub> - min.	2 mm
d <sub>a</sub> - min.	91 mm
D <sub>a</sub> - max.	129 mm
r <sub>a</sub> - max.	2 mm
Basic dynamic load rating - C	243 kN
Basic static load rating - C <sub>0</sub>	270 kN
Fatigue load limit - P <sub>u</sub>	29 kN
Reference speed	4300 r/min
Limiting speed	6000 r/min
Calculation factor - e	0.22
Calculation factor - Y <sub>1</sub>	3
Calculation factor - Y <sub>2</sub>	4.6
Calculation factor - Y <sub>0</sub>	2.8



## BEARING DRIVESHAFT,INC.

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	2.15
EAN	7316576652523
Product Group	B04311
Internal Clearance	C0-Medium
Mounting Method	Shaft Mount
Rolling Element	Spherical Roller Bearing
Bore Profile	Straight
Cage Material	Steel
Enclosure	Open
Number of Rows of Rollers	Double Row
Relubricatable	Yes
Withdrawal Sleeve	Not Applicable
Withdrawal Nut	Not Applicable
Inch - Metric	Metric
Long Description	80MM Straight Bore; 140MM Outside Diameter; 33MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
Category	Spherical Roller Bearing
UNSPSC	31171510
Harmonized Tariff Code	84823080
Noun	Bearing
Keyword String	Spherical
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Weight / LBS	4.735
Outside Diameter	5.512 Inch   140 Millimeter



## BEARING DRIVESHAFT, INC.

Bore	3.15 Inch   80 Millimeter
Adapter Part Number	Not Applicable Inch   Not Applicable Millimeter
Width	1.299 Inch   33 Millimeter
bore diameter:	80 mm
maximum rpm:	6000 RPM
outside diameter:	140 mm
operating temperature range:	Maximum of +390 ° F
overall width:	4.3800 in
cage material:	Steel
bore type:	Straight
bearing material:	Steel
outer ring type:	Not Split
precision rating:	Not Rated
internal clearance:	C0
finish/coating:	Uncoated
closure type:	Open
outer ring width:	33 mm
lubrication hole type:	Lubrication Groove & Hole
fillet radius:	2 mm
dynamic load capacity:	236 kN
series:	222
static load capacity:	270 kN
$d_2$	94.7 mm
$D_1$	124 mm
$r_{1,2}$ min.	2 mm
$d_a$ min.	91 mm
$D_a$ max.	129 mm
$r_a$ max.	2 mm
Basic dynamic load rating C	243 kN
Basic static load rating $C_0$	270 kN
Fatigue load limit $P_u$	29 kN



## BEARING DRIVESHAFT, INC.

Calculation factor e	0.22
Calculation factor $Y_1$	3
Calculation factor $Y_2$	4.6
Calculation factor $Y_0$	2.8
Mass bearing	2.1 kg