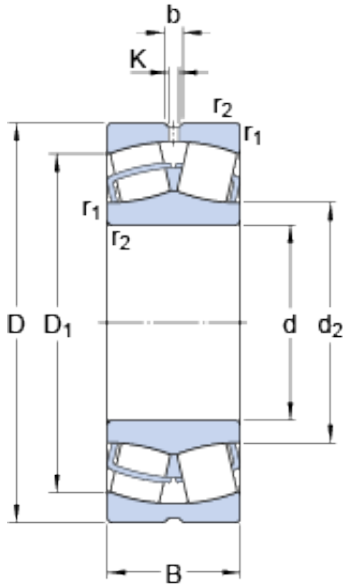




# BROWNING BEARING COMPANY

65 mm x 140 mm x 48 mm skf 22313 e bearing

Bearing No. 22313 e



22313 e Bearing 2D drawings and 3D CAD models

Size	140x65x48 mm
Bore Diameter	140 mm
Outer Diameter	65 mm
Width	48 mm
d	65 mm
D	140 mm
B	48 mm
d <sub>2</sub>	81.6 mm
D <sub>1</sub>	118 mm
b	8.3 mm
K	4.5 mm
r <sub>1,2</sub> - min.	2.1 mm
d <sub>a</sub> - min.	77 mm
D <sub>a</sub> - max.	128 mm
r <sub>a</sub> - max.	2 mm
Basic dynamic load rating - C	357 kN
Basic static load rating - C <sub>0</sub>	360 kN
Fatigue load limit - P <sub>u</sub>	38 kN
Reference speed	3800 r/min
Limiting speed	5000 r/min
Calculation factor - e	0.35
Calculation factor - Y <sub>1</sub>	1.9
Calculation factor - Y <sub>2</sub>	2.9
Calculation factor - Y <sub>0</sub>	1.8



## BROWNING BEARING COMPANY

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	3.559
EAN	7316576653841
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	65MM Straight Bore; 140MM Outside Diameter; 48MM 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	7.839
Bore	2.559 Inch   65 Millimeter



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Outside Diameter	5.512 Inch   140 Millimeter
Adapter Part Number	Not Applicable Inch   Not Applicable Millimeter
Width	1.89 Inch   48 Millimeter
bore diameter:	65 mm
maximum rpm:	5000 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
cage type:	Inner Ring Guided
internal clearance:	C0
precision rating:	Not Rated
closure type:	Open
finish/coating:	Uncoated
lubrication hole type:	Lubrication Groove & Hole
outer ring width:	48 mm
dynamic load capacity:	340 kN
fillet radius:	2 mm
static load capacity:	360 kN
series:	223
$d_2$	81.6 mm
$D_1$	118 mm
$r_{1,2}$ min.	2.1 mm
$d_a$ min.	77 mm
$D_a$ max.	128 mm
$r_a$ max.	2 mm
Basic dynamic load rating C	357 kN
Basic static load rating $C_0$	360 kN



## BROWNING BEARING COMPANY

Fatigue load limit $P_u$	38 kN
Calculation factor $e$	0.35
Calculation factor $Y_1$	1.9
Calculation factor $Y_2$	2.9
Calculation factor $Y_0$	1.8
Mass bearing	3.75 kg