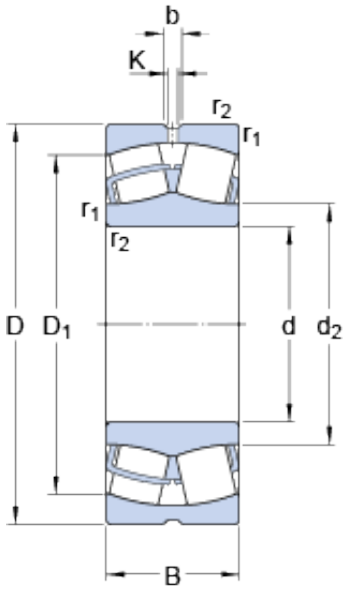
Loyal | 22228 CC/W33



Bearing No. 22228 CC/W33

b	11.1 mm
K	6 mm
d	140 mm
D	250 mm
B	68 mm
Noun	Bearing
Bore	5.512 Inch | 140 Millimeter
Width	2.677 Inch | 68 Millimeter
UNSPSC	31171510
series:	222
Category	Spherical Roller Bearing
Size (mm)	250x140x68
Enclosure	Open
Inventory	0.0
bore type:	Straight
Width (mm)	68
cage type:	Inner Ring Guided
maximum rpm:	3200 RPM
Weight / LBS	31.217
Bore Profile	Straight
Mass bearing	14 kg
D_1	216 mm
Cage Material	Steel
closure type:	Open
d_2	166 mm
Product Group	B04311
Inch - Metric	Metric
fillet radius:	2.5 mm

cage material:	Steel
overall width:	68 mm
bore diameter:	140 mm
Keyword String	Spherical
Withdrawal Nut	Not Applicable
Relubricatable	Yes
Bearing number	22228 CC/W33
Limiting speed	3200 r/min
Reference speed	2400 r/min
finish/coating:	Uncoated
Rolling Element	Spherical Roller Bearing
Mounting Method	Shaft Mount
Outside Diameter	9.843 Inch | 250 Millimeter
outer ring type:	Not Split
Long Description	140MM Straight Bore; 250MM Outside Diameter; 68MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
Manufacturer URL	http://www.skf.com
Weight / Kilogram	14.173
precision rating:	Not Rated
Withdrawal Sleeve	Not Applicable
outer ring width:	68 mm
outside diameter:	250 mm
bearing material:	Steel
Manufacturer Name	SKF
D_a max.	236 mm
Bore Diameter (mm)	250

Internal Clearance	C0-Medium
r_a max.	2.5 mm
d_a min.	154 mm
internal clearance:	C0
Outer Diameter (mm)	140
Adapter Part Number	Not Applicable Inch | Not Applicable Millimeter
d_a - min.	154 mm
$r_{1,2}$ min.	3 mm
Minimum Buy Quantity	N/A
D_a - max.	236 mm
r_a - max.	2.5 mm
Calculation factor e	0.26
D_1 ?	216 mm
d_2 ?	166 mm
static load capacity:	900 kN
Calculation factor - e	0.26
dynamic load capacity:	710 kN
$r_{1,2}$ - min.	3 mm
lubrication hole type:	Lubrication Groove & Hole
Harmonized Tariff Code	84823080
Number of Rows of Rollers	Double Row
Basic dynamic load rating C	743 kN
operating temperature range:	Maximum of +390 °F
Basic dynamic load rating - C	743 kN
Calculation factor Y_1	2.6
Fatigue load limit P_u	86.5 kN
Calculation factor Y_2	3.9
Calculation factor Y_0	2.5

Calculation factor - Y_1	2.6
Calculation factor - Y_2	3.9
Calculation factor - Y_0	2.5
Fatigue load limit - P_u	86.5 kN
Basic static load rating C_0	900 kN
Basic static load rating - C_0	900 kN