



Bearing No. 24172 ECCJ/W33

b	16.7 mm
K	9 mm
d	360 mm
D	600 mm
B	243 mm
Noun	Bearing
Bore	14.173 Inch   360 Millimeter
Width	9.567 Inch   243 Millimeter
UNSPSC	31171510
series:	241
Category	Spherical Roller Bearing
Size (mm)	600x360x243
Enclosure	Open
Inventory	0.0
bore type:	Straight
Width (mm)	243
cage type:	Inner Ring Guided
maximum rpm:	600 RPM
Weight / LBS	636.694
Bore Profile	Straight
Mass bearing	280 kg
D <sub>1</sub>	511 mm
Cage Material	Steel
closure type:	Open
d <sub>2</sub>	404 mm
Product Group	B04311
Inch - Metric	Metric
fillet radius:	4 mm

cage material:	Steel
overall width:	243 mm
bore diameter:	360 mm
Keyword String	Spherical
Withdrawal Nut	Not Applicable
Relubricatable	Yes
Bearing number	24172 ECCJ/W33
Limiting speed	600 r/min
finish/coating:	Uncoated
Rolling Element	Spherical Roller Bearing
Mounting Method	Shaft Mount
Reference speed	400 r/min
outer ring type:	Not Split
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Outside Diameter	23.622 Inch   600 Millimeter
Long Description	360MM Straight Bore; 600MM Outside Diameter; 243MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
outside diameter:	600 mm
Weight / Kilogram	288.799
precision rating:	Not Rated
bearing material:	Steel
Withdrawal Sleeve	Not Applicable
outer ring width:	243 mm
Manufacturer Name	SKF
D <sub>a</sub> max.	580 mm
Bore Diameter (mm)	600

Internal Clearance	C0-Medium
$r_a$ max.	4 mm
$d_a$ min.	380 mm
Adapter Part Number	Not Applicable Inch   Not Applicable Millimeter
Outer Diameter (mm)	360
internal clearance:	C0
$r_{1,2}$ min.	5 mm
Minimum Buy Quantity	N/A
$d_a$ - min.	380 mm
$D_a$ - max.	580 mm
$r_a$ - max.	4 mm
Calculation factor e	0.4
$D_1$ ?	511 mm
$d_2$ ?	404 mm
static load capacity:	9300 kN
Calculation factor - e	0.4
dynamic load capacity:	5600 kN
$r_{1,2}$ - min.	5 mm
lubrication hole type:	Lubrication Groove & Hole
Harmonized Tariff Code	84823080
Number of Rows of Rollers	Double Row
Basic dynamic load rating C	5737 kN
operating temperature range:	Maximum of +390 °F
Basic dynamic load rating - C	5737 kN
Calculation factor $Y_1$	1.7
Fatigue load limit $P_u$	670 kN
Calculation factor $Y_2$	2.5
Calculation factor $Y_0$	1.6

Calculation factor - $Y_1$	1.7
Calculation factor - $Y_2$	2.5
Calculation factor - $Y_0$	1.6
Fatigue load limit - $P_u$	680 kN
Basic static load rating $C_0$	9300 kN
Basic static load rating - $C_0$	9300 kN