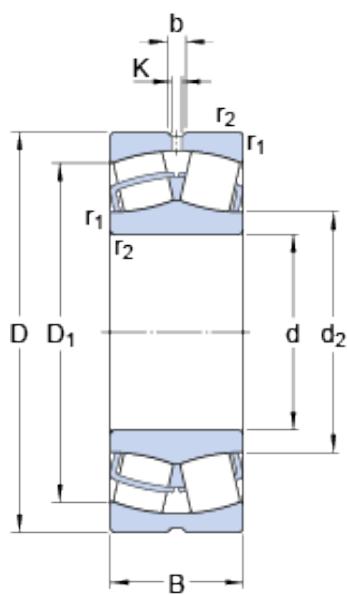




Bearing No. 22207 E

b	3.7 mm
K	2 mm
d	35 mm
D	72 mm
B	23 mm
Noun	Bearing
Bore	1.378 Inch 35 Millimeter
Width	0.906 Inch 23 Millimeter
UNSPSC	31171510
series:	222
Category	Spherical Roller Bearing
Size (mm)	72x35x23
Enclosure	Open
Inventory	36.0
bore type:	Straight
Width (mm)	23
cage type:	Inner Ring Guided
maximum rpm:	12000 RPM
Weight / LBS	1.004
Bore Profile	Straight
Mass bearing	0.45 kg
D ₁	61.8 mm
Cage Material	Steel
closure type:	Open
d ₂	44.5 mm
Product Group	B04311
Inch - Metric	Metric
fillet radius:	1 mm

cage material:	Steel
overall width:	4.3800 in
bore diameter:	35 mm
Keyword String	Spherical
Withdrawal Nut	Not Applicable
Relubricatable	Yes
Bearing number	22207 E
Limiting speed	12000 r/min
Reference speed	9000 r/min
finish/coating:	Uncoated
Rolling Element	Spherical Roller Bearing
Mounting Method	Shaft Mount
Outside Diameter	2.835 Inch 72 Millimeter
outer ring type:	Not Split
Long Description	35MM Straight Bore; 72MM Outside Diameter; 23MM 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	0.456
precision rating:	Not Rated
Withdrawal Sleeve	Not Applicable
outer ring width:	23 mm
outside diameter:	72 mm
bearing material:	Steel
Manufacturer Name	SKF
D _a max.	65 mm
Bore Diameter (mm)	72

Internal Clearance	C0-Medium
r_a max.	1 mm
d_a min.	42 mm
internal clearance:	C0
Outer Diameter (mm)	35
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
d_a - min.	42 mm
$r_{1,2}$ min.	1.1 mm
Minimum Buy Quantity	N/A
D_a - max.	65 mm
r_a - max.	1 mm
Calculation factor e	0.31
D_1 ?	61.8 mm
d_2 ?	44.5 mm
static load capacity:	85 kN
Calculation factor - e	0.31
dynamic load capacity:	86.5 kN
$r_{1,2}$ - min.	1.1 mm
lubrication hole type:	Lubrication Groove & Hole
Harmonized Tariff Code	84823080
Number of Rows of Rollers	Double Row
Basic dynamic load rating C	88.8 kN
operating temperature range:	Maximum of +390 °F
Basic dynamic load rating - C	88.8 kN
Calculation factor Y_1	2.2
Fatigue load limit P_u	9.3 kN
Calculation factor Y_2	3.3
Calculation factor Y_0	2.2

Calculation factor - Y_1	2.2
Calculation factor - Y_2	3.3
Calculation factor - Y_0	2.2
Fatigue load limit - P_u	9.2 kN
Basic static load rating C_0	85 kN
Basic static load rating - C_0	83 kN