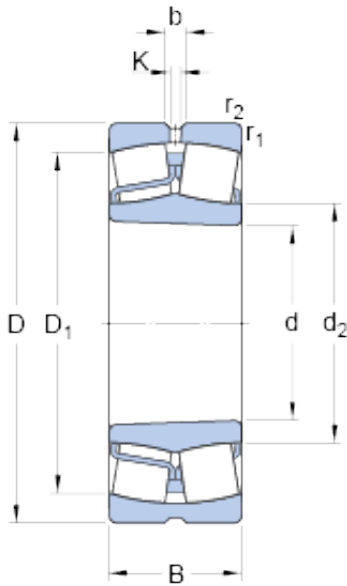




Bearing Rolamentos do Brasil Ltda.

85 mm x 180 mm x 41 mm SKF 21317 EK
spherical roller bearings

Bearing No. 21317 EK



21317 EK Bearing 2D drawings and 3D CAD models

Size	180x85x41 mm
Bore Diameter	180 mm
Outer Diameter	85 mm
Width	41 mm
d	85 mm
D	180 mm
B	41 mm
d ₂	106 mm
D ₁	141 mm
b	6 mm
K	3 mm
r _{1,2} - min.	3 mm
d _a - min.	93 mm
d _a - max.	106 mm
D _a - max.	166 mm
r _a - max.	2.5 mm
Basic dynamic load rating - C	331 kN
Basic static load rating - C ₀	375 kN
Fatigue load limit - P _u	39 kN
Reference speed	3800 r/min
Limiting speed	5300 r/min
Calculation factor - e	0.24
Calculation factor - Y ₁	2.8
Calculation factor - Y ₂	4.2



Bearing Rolamentos do Brasil Ltda.

Calculation factor - Y_0	2.8
Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	5.46
EAN	7316577730152
Product Group	B04311
Internal Clearance	C0-Medium
Mounting Method	Adapter Mount
Rolling Element	Spherical Roller Bearing
Bore Profile	Tapered
Cage Material	Steel
Enclosure	Open
Number of Rows of Rollers	Double Row
Relubricatable	Yes
Withdrawal Sleeve	AH317 (Specify bore)
Withdrawal Nut	KM19
Inch - Metric	Metric
Long Description	85MM Tapered Bore; 180MM Outside Diameter; 41MM Width; C0-Medium Clearance; Adapter Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable; Adapter Part Nu
Other Features	Order adapter or withdrawal sleeve or nut separately. Others may be available
Category	Spherical Roller Bearing
UNSPSC	31171510
Harmonized Tariff Code	84823080



Bearing Rolamentos do Brasil Ltda.

Noun	Bearing
Keyword String	Spherical
Manufacturer URL	http://www.skf.com
Weight / LBS	12.026
Adapter Part Number	SNW17 H317 HA317 HE317 (Specify Bore) Inch H317 (Specify bore) Millimeter
Bore	3.346 Inch 85 Millimeter
Width	1.614 Inch 41 Millimeter
Outside Diameter	7.087 Inch 180 Millimeter
bore diameter:	85 mm
maximum rpm:	5300 RPM
outside diameter:	180 mm
operating temperature range:	Maximum of +390 ° F
overall width:	41 mm
cage material:	Steel
bore type:	Tapered 1:12
bearing material:	Steel
outer ring type:	Not Split
precision rating:	Not Rated
internal clearance:	C0
finish/coating:	Uncoated
closure type:	Open
outer ring width:	41 mm
lubrication hole type:	Lubrication Groove & Hole
fillet radius:	2.5 mm
dynamic load capacity:	325 kN
series:	213
static load capacity:	375 kN
d ₂	106 mm
D ₁	141 mm



Bearing Rolamentos do Brasil Ltda.

$r_{1,2}$ min.	3 mm
D_a max.	166 mm
r_a max.	2.5 mm
Basic dynamic load rating C	331 kN
Basic static load rating C_0	375 kN
Fatigue load limit P_u	39 kN
Calculation factor e	0.24
Calculation factor Y_1	2.8
Calculation factor Y_2	4.2
Calculation factor Y_0	2.8
Mass bearing	5.15 kg
Recommended lock nut tightening angle	150 °