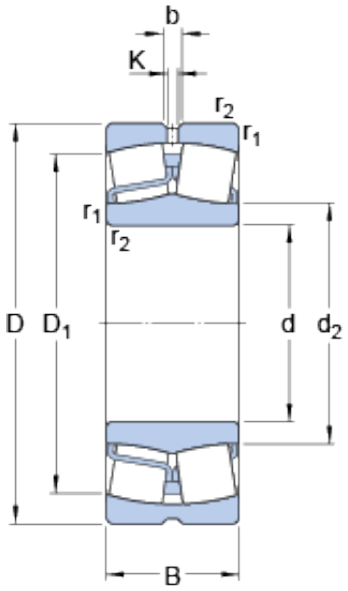
Loyal | 21318 E



Bearing No. 21318 E

b	8.3 mm
K	4.5 mm
d	90 mm
D	190 mm
B	43 mm
Bore	3.543 Inch | 90 Millimeter
Noun	Bearing
Width	1.693 Inch | 43 Millimeter
UNSPSC	31171510
series:	213
Category	Spherical Roller Bearing
Size (mm)	190x90x43
Enclosure	Open
Inventory	0.0
Width (mm)	43
bore type:	Straight
maximum rpm:	4800 RPM
Weight / LBS	13.888
Bore Profile	Straight
Mass bearing	6.1 kg
Cage Material	Steel
closure type:	Open
d_2	112 mm
D_1	150 mm
Inch - Metric	Metric
Product Group	B04311
Limiting speed	4800 r/min
fillet radius:	2.5 mm

cage material:	Steel
overall width:	43 mm
Keyword String	Spherical
Withdrawal Nut	Not Applicable
Relubricatable	Yes
bore diameter:	90 mm
Bearing number	21318 E
finish/coating:	Uncoated
Mounting Method	Shaft Mount
Rolling Element	Spherical Roller Bearing
Reference speed	3600 r/min
Manufacturer URL	http://www.skf.com
outer ring type:	Not Split
Long Description	90MM Straight Bore; 190MM Outside Diameter; 43MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
Outside Diameter	7.48 Inch | 190 Millimeter
outer ring width:	43 mm
precision rating:	Not Rated
outside diameter:	190 mm
Manufacturer Name	SKF
bearing material:	Steel
Weight / Kilogram	6.305
Withdrawal Sleeve	Not Applicable
Bore Diameter (mm)	190
r_a max.	2.5 mm
D_a max.	176 mm

d_a min.	104 mm
Internal Clearance	C0-Medium
Outer Diameter (mm)	90
Adapter Part Number	Not Applicable Inch | Not Applicable Millimeter
internal clearance:	C0
d_a - min.	104 mm
Minimum Buy Quantity	N/A
r_a - max.	2.5 mm
$r_{1,2}$ min.	3 mm
D_a - max.	176 mm
Calculation factor e	0.24
d_2 ?	112 mm
static load capacity:	450 kN
D_1 ?	150 mm
dynamic load capacity:	380 kN
lubrication hole type:	Lubrication Groove & Hole
Harmonized Tariff Code	84823080
Calculation factor - e	0.24
$r_{1,2}$ - min.	3 mm
Number of Rows of Rollers	Double Row
Basic dynamic load rating C	393 kN
operating temperature range:	Maximum of +390 °F
Basic dynamic load rating - C	393 kN
Fatigue load limit P_u	45.5 kN
Calculation factor Y_0	2.8
Calculation factor Y_2	4.2
Calculation factor Y_1	2.8
Calculation factor - Y_1	2.8

Calculation factor - Y_0	2.8
Fatigue load limit - P_u	45.5 kN
Calculation factor - Y_2	4.2
Basic static load rating C_0	450 kN
Basic static load rating - C_0	450 kN