



ISOSTATIC BEARING LIMITED

30 mm x 80 mm x 100 mm SKF KR 80 PPA Cam Follower and Track Roller - Stud Type



KR 80 PPA Bearing 2D drawings and 3D CAD models

Bearing No. KR 80 PPA

Category	Cam Follower and Track Roller - Stud Type
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	1.792
EAN	7316571620787
Product Group	B04144
Roller Surface Profile	Crowned
Profile	Stud Type
Thread Size	M30X1.5
Stud Profile	Standard Stud
Enclosure	Sealed
Rolling Element	Needle Bearing
Relubricatable	Yes
Hex Socket	Yes
Inch - Metric	Metric
Other Features	Caged Polyamide 66 Axial Sliding 3 Stage Sealing
Long Description	80MM Roller Diameter; 35MM Roller Width; Crowned Roller Surface; Stud Type; 30MM Stud Diameter; M30X1.5 Thread; Standard Stud; Sealed; Needle Bearing; Relubricatable; Hex Socket
Category	Cam Followers Stud Type



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UNSPSC	31171530
Harmonized Tariff Code	8482.40.00.00
Noun	Bearing
Keyword String	Cam Follower
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	KR 80 PPA
Weight / LBS	3.549
Roller Diameter	3.15 Inch 80 Millimeter
Stud Diameter	1.181 Inch 30 Millimeter
Roller Width	1.378 Inch 35 Millimeter
roller diameter:	80 mm
operating temperature range:	Maximum of +280 ° F
roller width:	35 mm
radial dynamic load capacity:	36.9 kN
stud diameter:	30 mm
radial static load capacity:	72 kN
stud length:	63 mm
maximum rpm:	1800 rpm
roller shape:	Crowned
lubrication hole location:	Head, Stud End
roller material:	Steel
finish/coating:	Uncoated
bearing element:	Needle Rollers
standards met:	ANSI/ABMA Standard 18.1, ISO 7063
closure type:	Sealed
series:	KR
head type:	Hex
manufacturer catalog:	Click here
hex size:	8 mm
manufacturer upc number:	7316571620787



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thread size:	M30 x 1.5 mm
D	80 mm
d	30 mm
B	100 mm
C	35 mm
B ₁	63 mm
B ₂	15 mm
C ₁	1 mm
d ₁	53 mm
G	M 30x1.5
G ₁	32 mm
M	8 mm
M ₁	4 mm
SW	14 mm
r _{1,2} min.	1.1 mm
Basic dynamic load rating C	36.9 kN
Basic static load rating C ₀	72 kN
Fatigue load limit P _u	9 kN
Maximum dynamic radial loads F _r max.	106 kN
Maximum static radial loads F _{0r} max.	150 kN
Limiting speed	1800 r/min
Mass cam follower	1.61 kg
Recommended tightening torque	450 N · m
Grease fitting	NIP A3x9.5
Hexagonal nut	M 30x1.5
Lubrication adapter	AP 14