



TIMKEN AXLE CORP.

18 mm x 40 mm x 58 mm SKF KR 40 B Cam Follower and Track Roller - Stud Type



KR 40 B Bearing 2D drawings and 3D CAD models

Bearing No. KR 40 B

Category	Cam Follower and Track Roller - Stud Type
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.25
EAN	7316571594859
Product Group	B04144
Roller Surface Profile	Crowned
Profile	Stud Type
Thread Size	M18X1.5
Stud Profile	Standard Stud
Enclosure	Sealed
Rolling Element	Needle Bearing
Relubricatable	Yes
Hex Socket	Yes
Inch - Metric	Metric
Other Features	Caged Gap Seal
Long Description	40MM Roller Diameter; 20MM Roller Width; Crowned Roller Surface; Stud Type; 18MM Stud Diameter; M18X1.5 Thread; Standard Stud; Sealed; Needle Bearing; Relubricatable; Hex Socket
Category	Cam Followers Stud Type
UNSPSC	31171530



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Harmonized Tariff Code	8482.40.00.00
Noun	Bearing
Keyword String	Cam Follower
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	KR 40 B
Weight / LBS	0.551
Roller Width	0.787 Inch 20 Millimeter
Stud Diameter	0.709 Inch 18 Millimeter
Roller Diameter	1.575 Inch 40 Millimeter
roller diameter:	40 mm
operating temperature range:	Maximum of +280 ° F
roller width:	20 mm
radial dynamic load capacity:	10.5 kN
stud diameter:	18 mm
radial static load capacity:	14.6 kN
stud length:	36.5 mm
maximum rpm:	3400 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:	Open
series:	KR
head type:	Hex
manufacturer catalog:	Click here
hex size:	6 mm
manufacturer upc number:	7316571594859
thread size:	M18 x 1.5 mm



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D	40 mm
d	18 mm
B	58 mm
C	20 mm
B ₁	36.5 mm
B ₂	8 mm
C ₁	0.8 mm
d ₁	31.5 mm
G	M 18x1.5
G ₁	19 mm
M	6 mm
M ₁	3 mm
SW	8 mm
r _{1,2} min.	1 mm
Basic dynamic load rating C	10.5 kN
Basic static load rating C ₀	14.6 kN
Fatigue load limit P _u	1.73 kN
Maximum dynamic radial loads F _r max.	12.5 kN
Maximum static radial loads F _{0r} max.	18 kN
Limiting speed	3400 r/min
Mass cam follower	0.25 kg
Recommended tightening torque	87 N · m
Grease fitting	NIP A2x7.5
Hexagonal nut	M 18x1.5
Lubrication adapter	AP 8