

# Loyal RKS.12139 5101 2 Customized crossed cylindrical roller slewing bearing without a gear

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Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	107.6
EAN	7316577119506
Product Group	B04311
Internal Clearance	C0-Medium
Mounting Method	Shaft Mount
Rolling Element	Spherical Roller Bearing
Bore Profile	Straight
Cage Material	Steel
Enclosure	Open
Number of Rows of Rollers	Double Row
Relubricatable	Yes
Withdrawal Sleeve	Not Applicable
Withdrawal Nut	Not Applicable
Inch – Metric	Metric

Long Description	320MM Straight Bore; 480MM Outside Diameter; 160MM Width; C0-Medium Clearance; Shaft Mount; Double R
UNSPSC	31171510
Harmonized Tariff Code	84823080
Noun	Bearing
Keyword String	Spherical
Weight / LBS	237.217
d	320 mm
B	160 mm
Adapter Part Number	Not Applicable Inch   Not Applicable Millimeter
D	480 mm
bore diameter:	320 mm
maximum rpm:	1200 RPM
outside diameter:	480 mm
operating temperature range:	Maximum of +390 °F
overall width:	160 mm
cage material:	Steel
bore type:	Straight
bearing material:	Steel
outer ring type:	Not Split
cage type:	Inner Ring Guided
internal clearance:	C0
precision rating:	Not Rated
closure type:	Open
finish/coating:	Uncoated
lubrication hole type:	Lubrication Groove & Hole
outer ring width:	160 mm

dynamic load capacity:	2850 kN
fillet radius:	3 mm
static load capacity:	5100 kN
series:	240
d2 ≈	354 mm
D1 ≈	423 mm
b	13.9 mm
K	7.5 mm
r1,2 min.	4 mm
da min.	335 mm
Da max.	465 mm
ra max.	3 mm
Basic dynamic load rating C	2969 kN
Basic static load rating C0	5100 kN
Fatigue load limit Pu	400 kN
Reference speed	800 r/min
Limiting speed	1200 r/min
Calculation factor e	0.31
Calculation factor Y1	2.2
Calculation factor Y2	3.3
Calculation factor Y0	2.2
Mass bearing	100 kg