

# Timken L853049/L853011B tapered roller bearings

YOU'LL FIND 190 Bore Diameter (mm) AN EXTENSIVE SELECTION OF 190x90x64 Size (mm) Timken L853049/L853011B tapered roller bearings FOR SALE.

Size (mm)	190x90x64
Bore Diameter (mm)	190
Outer Diameter (mm)	90
Width (mm)	64
d	90 mm
D	190 mm
B	64 mm
d2	113 mm
D1	161 mm
b	11.1 mm
K	6 mm
r1,2 – min.	3 mm
da – min.	104 mm
Da – max.	176 mm
ra – max.	2.5 mm
Basic dynamic load rating – C	637 kN
Basic static load rating – C0	695 kN
Fatigue load limit – Pu	67 kN
Reference speed	2600 r/min
Limiting speed	3600 r/min
Calculation factor – e	0.33
Calculation factor – Y1	2

Calculation factor – Y2	3
Calculation factor – Y0	2
Permissible rotational acceleration (oil lubrication)	667 g [m/s]
Permissible linear acceleration (oil lubrication)	206 g [m/s]
Inventory	1.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	8.917
EAN	7316571108360
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	90MM Straight Bore; 190MM Outside Diameter; 64MM Width; C0-Medium Clearance; Shaft Mount; Double Row
UNSPSC	31171510
Harmonized Tariff Code	84823080

Noun	Bearing
Keyword String	Spherical
Weight / LBS	19.641
Adapter Part Number	Not Applicable Inch   Not Applicable Millimeter
Outside Diameter	7.48 Inch   190 Millimeter
Bore	3.543 Inch   90 Millimeter
Width	2.52 Inch   64 Millimeter
bore diameter:	90 mm
operating temperature range:	Maximum of +390 °F
outside diameter:	190 mm
cage material:	Steel
overall width:	64 mm
bearing material:	Steel
bore type:	Straight
cage type:	Outer Ring Guided
outer ring type:	Not Split
precision rating:	Not Rated
internal clearance:	C0
application:	Vibratory Applications
closure type:	Open
finish/coating:	Uncoated
lubrication hole type:	Lubrication Groove & Hole
outer ring width:	64 mm
dynamic load capacity:	610 kN
fillet radius:	2.5 mm
static load capacity:	695 kN
series:	223

maximum rpm:	3600 RPM
d2 ≈	113 mm
D1 ≈	161 mm
r1,2 min.	3 mm
da min.	104 mm
Da max.	176 mm
ra max.	2.5 mm
Basic dynamic load rating C	637 kN
Basic static load rating C0	695 kN
Fatigue load limit Pu	67 kN
Calculation factor e	0.33
Calculation factor Y1	2
Calculation factor Y2	3
Calculation factor Y0	2
Mass bearing	9.05 kg