



INA SL045024-PP cylindrical roller bearings

Bearing No. SL045024-PP

Size	120x180x80 mm
Bore Diameter	120 mm
Outer Diameter	180 mm
Width	80 mm
d	120 mm
D	180 mm
B	80 mm
	30 ° / Chamfer angle
C	79 mm
C ₁	71,2 mm / Tolerance: +0,2
C _{a1} - 65 mm / Mounting dimension for snap ring WRE / Tolerance: -0,2	65 mm / Mounting dimension for snap ring WRE / Tolerance: 0,2
C _{a2} - 63 mm / Mounting dimension for retaining ring to DIN 471 / Tolerance: -0,2	63 mm / Mounting dimension for retaining ring to DIN 471 / Tolerance: 0,2
D ₁	176 mm / Tolerance: +0,2
d ₁	140,9 mm
d ₂	153 mm
d ₃	196 mm / Outside diameter of snap ring WRE
m	4,2 mm
r _{min}	0,6 mm
t	1,8 mm
X	64 mm / Distance between rolling elements
m	7,04 kg / Weight

SL045024-PP Bearing 2D drawings and 3D CAD models



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C_r	410000 N / Dynamic load rating (radial)
C_{0r}	740000 N / Static load rating (radial)
C_{ur}	99000 N
$n_{G\text{ Fett}}$	900 1/min / Limiting speed for grease lubrication
	WRE180 / Designation for snap ring WRE
Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	SCHAEFFLER GROUP
Minimum Buy Quantity	N/A
Weight / Kilogram	8.438
Product Group	B04144
Bore Profile	Straight
Cage Material	None
Precision Class	RBEC 1 ISO P0
Number of Rows of Rollers	Double Row
Separable	No
Rolling Element	Cylindrical Roller Bearing
Profile	Complete with Outer and Inner Ring
Snap Ring	Yes
Internal Clearance	C0-Medium
Retainer	No
Relubricatable	Yes
Inch - Metric	Metric
Other Features	Full Complement 3 Rib Inner Ring 1 Rib Outer Ring Seals on Both Sides Operating Temperature From -20 to 80 Deg
Long Description	120MM Bore; Straight Bore Profile; 180MM Outside



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	Diameter; 80MM Width; RBEC 1 ISO P0; Double Row; Not Separable; Snap Ring; Relubricatable; C0-Medium Internal Clearance; No Retainer
Category	Cylindrical Roller Bearing
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer URL	http://www.ina.com
Manufacturer Item Number	SL045024PP
Weight / LBS	18.586
Outside Diameter	7.087 Inch 180 Millimeter
Width	3.15 Inch 80 Millimeter
Bore	4.724 Inch 120 Millimeter