



20 mm x 42 mm x 30 mm INA SL045004-PP
cylindrical roller bearings

Bearing No. SL045004-PP

SL045004-PP Bearing 2D drawings and 3D CAD models

Size	20x42x30 mm
Bore Diameter	20 mm
Outer Diameter	42 mm
Width	30 mm
d	20 mm
D	42 mm
B	30 mm
	30 ° / Chamfer angle
C	29 mm
C ₁	24,7 mm / Tolerance: +0,2
C _{a1} - 21,5 mm / Mounting dimension for snap ring WRE / Tolerance: -0,2	21,5 mm / Mounting dimension for snap ring WRE / Tolerance: 0,2
C _{a2} - 21 mm / Mounting dimension for retaining ring to DIN 471 / Tolerance: -0,2	21 mm / Mounting dimension for retaining ring to DIN 471 / Tolerance: 0,2
D ₁	40,2 mm / Tolerance: +0,2
d ₁	30,55 mm
d ₂	34 mm
d ₃	47 mm / Outside diameter of snap ring WRE
m	1,8 mm
r _{min}	0,3 mm
t	0,5 mm
X	22,5 mm / Distance between rolling elements

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m	0,2 kg / Weight
C _r	41500 N / Dynamic load rating (radial)
C _{0r}	51000 N / Static load rating (radial)
C _{ur}	6900 N
n _{G Fett}	4000 1/min / Limiting speed for grease lubrication
	WRE42 / Designation for snap ring WRE
Category	Cylindrical Roller Bearings
Inventory	4.0
Manufacturer Name	SCHAEFFLER GROUP
Minimum Buy Quantity	N/A
Weight / Kilogram	0
EAN	4012802112597
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



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Long Description	20MM Bore; Straight Bore Profile; 42MM Outside Diameter; 30MM 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	SL045004PP
Weight / LBS	0.528
Bore	0.787 Inch 20 Millimeter
Outside Diameter	1.654 Inch 42 Millimeter
Width	1.181 Inch 30 Millimeter