

# SL045010-PP INA 50x80x40mm Internal Clearance C0-Medium Cylindrical roller bearings

Bearing number	SL045010-PP
Size (mm)	50x80x40
Brand	INA
Bore Diameter (mm)	50
Outer Diameter (mm)	80
Width (mm)	40
d	50 mm
D	80 mm
B	40 mm
	30 ° / Chamfer angle
C	39 mm
C <sub>1</sub>	34.2 mm / Tolerance: +0.2
C <sub>a1</sub> – 30 mm / Mounting dimension for snap ring WRE / Tolerance: -0,2	30 mm / Mounting dimension for snap ring WRE / Tolerance: 0.2
C <sub>a2</sub> – 29 mm / Mounting dimension for retaining ring to DIN 471 / Tolerance: -0,2	29 mm / Mounting dimension for retaining ring to DIN 471 / Tolerance: 0.2
D <sub>1</sub>	77.8 mm / Tolerance: +0.2
d <sub>1</sub>	61.8 mm
d <sub>2</sub>	66 mm
d <sub>3</sub>	87 mm / Outside diameter of snap ring WRE

m	2.7 mm
$r_{\min}$	0.6 mm
t	0.8 mm
X	30.5 mm / Distance between rolling elements
m	0.76 kg / Weight
$C_r$	102000 N / Dynamic load rating (radial)
$C_{0r}$	151000 N / Static load rating (radial)
$C_{ur}$	21700 N
$n_{G \text{ Fett}}$	2000 1/min / Limiting speed for grease lubrication
	WRE80 / Designation for snap ring WRE
Category	Cylindrical Roller Bearings
BDI Inventory	0.0
Manufacturer Name	SCHAEFFLER GROUP
Minimum Buy Quantity	N/A
Weight / Kilogram	0.91
Product Group – BDI	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	50MM Bore; Straight Bore Profile; 80MM Outside Diameter; 40MM Width; RBEC 1   ISO P0; Double Row; Not Separable; Snap Ring; Relubricatable; C0-Medium Internal Clearance; No Retainer
Category – BDI	Cylindrical Roller Bearing
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer URL	<a href="http://www.ina.com">http://www.ina.com</a>
Manufacturer Item Number	SL045010PP
Weight / LBS	0.21
Width	1.575 Inch   40 Millimeter
Outside Diameter	3.15 Inch   80 Millimeter
Bore	1.969 Inch   50 Millimeter