

# SL045011-PP INA Separable No 55x90x46mm Cylindrical roller bearings

Bearing number	SL045011-PP
Size (mm)	55x90x46
Brand	INA
Bore Diameter (mm)	55
Outer Diameter (mm)	90
Width (mm)	46
d	55 mm
D	90 mm
B	46 mm
	30 ° / Chamfer angle
C	45 mm
C <sub>1</sub>	40.2 mm / Tolerance: +0.2
C <sub>a1</sub> – 35 mm / Mounting dimension for snap ring WRE / Tolerance: -0,2	35 mm / Mounting dimension for snap ring WRE / Tolerance: 0.2
C <sub>a2</sub> – 34 mm / Mounting dimension for retaining ring to DIN 471 / Tolerance: -0,2	34 mm / Mounting dimension for retaining ring to DIN 471 / Tolerance: 0.2
D <sub>1</sub>	87.4 mm / Tolerance: +0.2
d <sub>1</sub>	68.6 mm
d <sub>2</sub>	73 mm
d <sub>3</sub>	99 mm / Outside diameter of snap ring WRE

m	3.2 mm
$r_{\min}$	0.6 mm
t	1 mm
X	36 mm / Distance between rolling elements
m	1.18 kg / Weight
$C_r$	120000 N / Dynamic load rating (radial)
$C_{0r}$	186000 N / Static load rating (radial)
$C_{ur}$	25500 N
$n_{G \text{ Fett}}$	1800 1/min / Limiting speed for grease lubrication
	WRE90 / Designation for snap ring WRE
Category	Cylindrical Roller Bearings
BDI Inventory	0.0
Manufacturer Name	SCHAEFFLER GROUP
Minimum Buy Quantity	N/A
Weight / Kilogram	1.413
EAN	4012802071474
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	55MM Bore; Straight Bore Profile; 90MM Outside Diameter; 46MM 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	SL045011PP
Weight / LBS	3.115
Outside Diameter	3.543 Inch   90 Millimeter
Width	1.811 Inch   46 Millimeter
Bore	2.165 Inch   55 Millimeter