

# SL045036-PP INA 180x280x136mm BDI Inventory 0.0 Cylindrical roller bearings

Bearing number	SL045036-PP
Size (mm)	180x280x136
Brand	INA
Bore Diameter (mm)	180
Outer Diameter (mm)	280
Width (mm)	136
d	180 mm
D	280 mm
B	136 mm
	30 ° / Chamfer angle
C	135 mm
C <sub>1</sub>	118.2 mm / Tolerance: +0.2
C <sub>a1</sub> – 110 mm / Mounting dimension for snap ring WRE / Tolerance: -0,2	110 mm / Mounting dimension for snap ring WRE / Tolerance: 0.2
C <sub>a2</sub> – 108 mm / Mounting dimension for retaining ring to DIN 471 / Tolerance: -0,2	108 mm / Mounting dimension for retaining ring to DIN 471 / Tolerance: 0.2
D <sub>1</sub>	274 mm / Tolerance: +0.2
d <sub>1</sub>	217.8 mm
d <sub>2</sub>	239 mm
d <sub>3</sub>	302 mm / Outside diameter of snap ring WRE

m	5.2 mm
$r_{\min}$	0.6 mm
t	2 mm
X	112 mm / Distance between rolling elements
m	30.1 kg / Weight
$C_r$	1140000 N / Dynamic load rating (radial)
$C_{0r}$	2130000 N / Static load rating (radial)
$C_{ur}$	265000 N
$n_{G \text{ Fett}}$	550 1/min / Limiting speed for grease lubrication
	WRE280 / Designation for snap ring WRE
Category	Cylindrical Roller Bearings
BDI Inventory	0.0
Manufacturer Name	SCHAEFFLER GROUP
Minimum Buy Quantity	N/A
Weight / Kilogram	35.086
EAN	4054366079985
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	180MM Bore; Straight Bore Profile; 280MM Outside Diameter; 136MM 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	SL045036PP
Weight / LBS	77.352
Bore	7.087 Inch   180 Millimeter
Width	5.354 Inch   136 Millimeter
Outside Diameter	11.024 Inch   280 Millimeter