

# Cylindrical roller bearings SL045013-D-PP

## (Series SL0450..-PP)

locating bearing, double row, full complement cylindrical roller set,  
dimension series 50, lip seals on both sides

The datasheet is only an overview of dimensions and basic load ratings of the selected product. Please always observe all the guidelines in these overview pages. Further information is given on many products under the menu item "Description". You can also order comprehensive information via the Catalogue ordering system ([https://www.schaeffler.de/content.schaeffler.de/en/news\\_media/index.jsp](https://www.schaeffler.de/content.schaeffler.de/en/news_media/index.jsp)) or by telephone on +49 (91 32) 82 - 28 97.

d	65 mm	
D	100 mm	
B	46 mm	
	30 °	Chamfer angle
C	45 mm	
C <sub>1</sub>	40,2 mm	Tolerance: +0,2/0
Ca <sub>1</sub>	35 mm	Mounting dimension for snap ring WRE (not included in delivery) Tolerance: 0/-0,2
Ca <sub>2</sub>	34 mm	Mounting dimension for retaining ring to DIN 471 (not included in delivery) Tolerance: 0/-0,2
D <sub>1</sub>	97,4 mm	Tolerance: +0,2/0
d <sub>1</sub>	79 mm	

d2	84 mm	
d3	109 mm	Outside diameter of snap ring WRE
d <sub>a min</sub>	79 mm	
m	3,2 mm	
r <sub>a max</sub>	0,6 mm	
r <sub>min</sub>	0,6 mm	
t	1 mm	
X	36 mm	Distance between rolling elements
m	1,33 kg	Mass
C <sub>r</sub>	130000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	215000 N	Basic static load rating, radial
C <sub>ur</sub>	30000 N	Fatigue limit load, radial
n <sub>G Fett</sub>	2040 1/min	Limiting speed for grease lubrication
	WRE100	Designation for snap ring WRE (not included in delivery)
	100X3	Designation for retaining ring to DIN 471 (not included in delivery)

