



## PWKRE80-2RS-XL [↗](#)

### Stud type track roller

Stud type track rollers PWKRE...-2RS-XL, double row cylindrical roller bearings with particularly thick-walled outer ring, with a central rib, full complement cylindrical roller set and with a solid roller stud with fixing thread and a mounting aid, the outer ring is guided axially by the central rib and rolling elements, protected lip seal on both sides, with eccentric collar, X-life design

**X-life**

## Technical information



### Your current product variant

Sealing	2RS	Protected lip seal on both sides
Outer ring profile	IOP	Optimized INA-profile
Grease nipples	2x	Drive-fit lubrication nipple unmounted 2x
Relubrication facility	KS	Via head and stud
Assembling aid head	I6	Hexagon socket
Assembling aid stud	I6	Hexagon socket

### Main Dimensions & Performance Data

D	80 mm	Outside diameter
d <sub>1</sub>	30 mm	Fit diameter of roller stud / stud
B	100 mm	Width
C <sub>r w</sub>	57.000 N	Basic dynamic load rating, radial
C <sub>0 r w</sub>	77.000 N	Basic static load rating, radial
C <sub>u r w</sub>	10.900 N	Fatigue load limit, radial
n <sub>D G</sub>	1.800 1/min	Speed on permanent grease lubrication
F <sub>0 r per</sub>	77.000 N	Permissible static load, radial
F <sub>r per</sub>	59.000 N	Permissible dynamic load outer ring, radial
≈m	1,67 kg	Weight









## Dimensions

B <sub>1</sub>	37 mm	Width of thrust washer
B <sub>2</sub>	63 mm	Bolt/stud length effectively
C	35 mm	Width, outer ring
C <sub>1</sub>	1 mm	Protrusion outer ring to thrust washer
r <sub>min</sub>	1,1 mm	Minimum chamfer dimension
d <sub>2</sub>	47 mm	Stop diameter of thrust washer
G	M30X1,5	Thread
l <sub>G</sub>	32 mm	Thread length
W	14 mm	Width of flats
d <sub>e</sub>	35 mm	Diameter of eccentric
B <sub>e</sub>	29 mm	Width, eccentric
e	1,5 mm	Eccentricity

## Additional information

	NIPA3X9,5	Drive-fit lubrication nipple
M <sub>A</sub>	450 Nm	Tightening torque nut

## Characteristics

	Radial load
	Axial load in one direction
	Axial load in two directions
	Lifetime lubrication, freedom from maintenance
	Grease Lubrication
	Sealed on both sides