

**PWKR80-2RS-RR-XL**

Stud type track roller

Stud type track rollers PWKR..-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, without eccentric collar, X-life design

X-life

Technical information



Your current product variant

Type of Seal	2RS	Protected lip seal on both sides
Outer ring profile	IOP	Optimized INA-profile
Grease nipples	2x	Drive-fit lubrication nipple unmounted 2x
Relubrication	KSP	Via head, stud and fit
Assembling aid head	I6	Hexagon socket
Mounting aid	I6	Hexagon socket
Coating	RR	Protected against corrosion by Corrotect special coating

Main Dimensions & Performance Data

D	80 mm	Outside diameter
d ₁	30 mm	Fit diameter of roller stud / stud
B	100 mm	Width
C _{r w}	57.000 N	Basic dynamic load rating, radial
C _{0 r w}	77.000 N	Basic static load rating, radial
C _{u r w}	10.900 N	Fatigue load limit, radial
n _{D G}	1.800 1/min	Speed on permanent grease lubrication
F _{0 r per}	77.000 N	Permissible static load, radial
F _{r per}	59.000 N	Permissible dynamic load outer ring, radial
≈m	1,557 kg	Weight



Dimensions

B ₁	37 mm	Width of thrust washer
B ₂	63 mm	Bolt/stud length effectively
B ₃	15 mm	Distance to lubrication hole
C	35 mm	Width, outer ring
C ₁	1 mm	Protrusion outer ring to thrust washer
r _{min}	1,1 mm	Minimum chamfer dimension
d ₂	47 mm	Stop diameter of thrust washer
d ₃	4 mm	Diameter lubrication hole
G	M30X1,5	Thread
I _G	32 mm	Thread length
W	14 mm	Width of flats

Additional information

	NIPA3X9,5	Drive-fit lubrication nipple
M _A	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