



PWKRE90-2RS-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	90 mm	Outside diameter
d ₁	30 mm	Fit diameter of roller stud / stud
B	100 mm	Width
C _{r w}	63.000 N	Basic dynamic load rating, radial
C _{0 r w}	89.000 N	Basic static load rating, radial
C _{u r w}	12.500 N	Fatigue load limit, radial
n _{D G}	1.800 1/min	Speed on permanent grease lubrication
F _{0 r per}	89.000 N	Permissible static load, radial
F _{r per}	89.000 N	Permissible dynamic load outer ring, radial
≈m	1,98 kg	Weight









Dimensions

B ₁	37 mm	Width of thrust washer
B ₂	63 mm	Bolt/stud length effectively
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
G	M30X1,5	Thread
l _G	32 mm	Thread length
W	14 mm	Width of flats
d _e	35 mm	Diameter of eccentric
B _e	29 mm	Width, eccentric
e	1,5 mm	Eccentricity

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