



PWKRE35-2RS-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	35 mm	Outside diameter
d ₁	16 mm	Fit diameter of roller stud / stud
B	52 mm	Width
C _{r w}	12.500 N	Basic dynamic load rating, radial
C _{0r w}	14.900 N	Basic static load rating, radial
C _{ur w}	1.790 N	Fatigue load limit, radial
n _{D G}	6.000 1/min	Speed on permanent grease lubrication
F _{0r per}	14.900 N	Permissible static load, radial
F _{r per}	10.600 N	Permissible dynamic load outer ring, radial
≈m	0,178 kg	Weight









Dimensions

B ₁	22,6 mm	Width of thrust washer
B ₂	29,5 mm	Bolt/stud length effectively
C	18 mm	Width, outer ring
C ₁	3,8 mm	Protrusion outer ring to thrust washer
r _{min}	0,6 mm	Minimum chamfer dimension
d ₂	27,6 mm	Stop diameter of thrust washer
G	M16X1,5	Thread
l _G	17 mm	Thread length
W	8 mm	Width of flats
d _e	20 mm	Diameter of eccentric
B _e	12 mm	Width, eccentric
e	1 mm	Eccentricity

Additional information

	NIPA2X7,5	Drive-fit lubrication nipple
M _A	58 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