



RNA6906-XL

Radial roller bearing

Radial roller bearing RNA..-XL

X-life

Technical information



Your current product variant

Cage	Standard	
Radial internal clearance	CN (Group N)	Normal internal clearance
Tolerance class	PN	Normal (ISO 492:2023)
Lubrication hole	With	With
Coating	Without	
Lubricant	Without	
Sealing	Without	
Special features	Without	
Number of rows	1	Single-row design



Main Dimensions & Performance Data

F_w	35 mm	Under roller diameter
D	47 mm	Outside diameter
B	30 mm	Width
C_r	49.000 N	Basic dynamic load rating, radial
C_{0r}	71.000 N	Basic static load rating, radial
C_{ur}	13.100 N	Fatigue load limit, radial
n_G	12.600 1/min	Limiting speed
n_G Grease	7.500 1/min	Limiting speed for grease lubrication
n_{gr}	6.600 1/min	Reference speed
m	0,126 kg	Weight






Dimensions

r_{min}	0,3 mm	Minimum chamfer dimension
C	30 mm	Width, outer ring

Temperature range

T_{min}	-30 °C	Operating temperature min.
T_{max}	120 °C	Operating temperature max.

Characteristics

	Radial load
	Grease Lubrication
	Oil Lubrication
	Not sealed
	Small design envelope