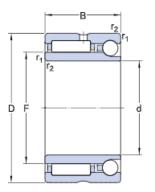


## Technical specification



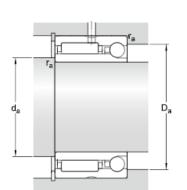


# Needle roller / angular contact ball bearings

Bearing data Tolerances, Normal, Radial internal clearance, table Design considerations Shaft and housing tolerances, table

#### DIMENSIONS

d	45 mm
D	68 mm
В	30 mm
F	52 mm
r <sub>1,2</sub>	min. 0.6 mm



#### ABUTMENT DIMENSIONS

d <sub>a</sub>	min. 49 mm
D <sub>a</sub>	max. 64 mm
r <sub>a</sub>	max. 0.6 mm



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#### CALCULATION DATA

Basic dynamic load rating, radial direction	С	45.7 kN
Basic static load rating, radial direction	C <sub>0</sub>	78 kN
Basic dynamic load rating, axial direction	С	7.47 kN
Basic static load rating, axial direction	C <sub>0</sub>	12 kN
Fatigue load limit, radial direction	Pu	9.65 kN
Fatigue load limit, axial direction	Pu	0.513 kN
Reference speed		7 500 r/min
Limiting speed		8 500 r/min

#### MASS

Mass bearing		0.38 kg
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#### More information

roduct details	Engineering information	Tools
Needle roller / angular contact ball bearings	Principles of rolling bearing selection	SimPro Quick
Needle roller / thrust ball	General bearing knowledge	Bearing Select
bearings Needle roller / cylindrical	Bearing selection process	Engineering Calculator
roller thrust bearings	Bearing failure and how to	LubeSelect for SKF greases
Bearing data	prevent it	Heater Selection Tool
Loads		skf.com/mount
Temperature limits		
Permissible speed		
Design considerations		
Designation system		



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