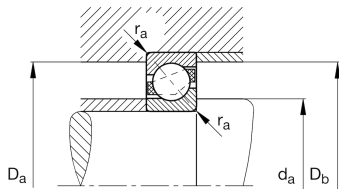
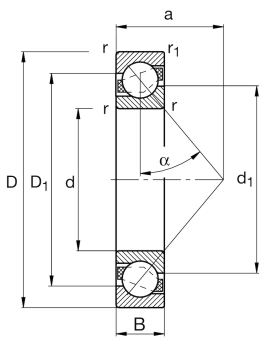


**FAG****7328-B-MP**

Angular contact ball bearing

Angular contact ball bearing 73..-B-MP, single row, solid brass cage

Technical information



Your current product variant

Design variant	B	B
Type of Seal	Without	Not sealed
Cage	MP	Solid brass cage, ball guided
Tolerance class	PN	Normal (ISO 492:2023)
Dimensional / heat stabilization	S1	Rings dimensional stabilized up to 200°
Lubricant	Without	Bearing not greased

Main Dimensions & Performance Data

d	140 mm	Bore diameter
D	300 mm	Outside diameter
B	62 mm	Width
C _r	310.000 N	Basic dynamic load rating, radial
C _{0r}	375.000 N	Basic static load rating, radial
C _{ur}	13.100 N	Fatigue load limit, radial
n _G	3.350 1/min	Limiting speed
n _{gr}	2.400 1/min	Reference speed
≈m	21,3 kg	Weight



Mounting dimensions

$d_{a\ min}$	157 mm	Minimum diameter of shaft shoulder
$D_{a\ max}$	283 mm	Maximum diameter of housing shoulder
$D_{b\ max}$	291 mm	Maximum diameter of housing shoulder
$r_{a\ max}$	3 mm	Maximum fillet radius of shaft
$r_{a1\ max}$	1,5 mm	Maximum fillet radius of housing

Dimensions

$r_{\min}$	4 mm	Minimum chamfer dimension
$r_{1\ min}$	1,5 mm	Minimum chamfer dimension
D_1	239,5 mm	Shoulder diameter on outer ring wide side face
d_1	204,38 mm	Shoulder diameter on inner ring wide side face
a	123,3 mm	Distance between the apexes of the pressure cones
α	40 °	Contact angle

Temperature range

$T_{\min}$	-30 °C	Operating temperature min.
$T_{\max}$	200 °C	Operating temperature max.

Characteristics

	Radial load
	Axial load in one direction
	Grease Lubrication
	Oil Lubrication
	Not sealed