

**FAG****7038-MP-UA**

Angular contact ball bearing

Angular contact ball bearing 70..-MP, single row, solid brass cage



Technical information



Mevcut ürün modeliniz

Sealing	Without	Not sealed
Cage	MP	Solid brass cage, ball guided
Tolerance class	PN	Normal (PN)
Dimensional / heat stabilization	S1	Rings dimensional stabilized up to 200°
Bearing with matched conditions for fitting in pairs	UA	Bearing set with small axial internal clearance
Lubricant	Without	Bearing not greased

Main Dimensions & Performance Data

d	190 mm	Bore diameter
D	290 mm	Outside diameter
B	46 mm	Width
C _r	228.000 N	Basic dynamic load rating, radial
C _{0r}	310.000 N	Basic static load rating, radial
C _{ur}	10.400 N	Fatigue load limit, radial
n _G	3.350 1/min	Limiting speed
n _{gr}	2.390 1/min	Reference speed
≈m	10,299 kg	Ağırlık



Mounting dimensions

$d_{a \min}$	200,2 mm	Minimum diameter of shaft shoulder
$D_{a \max}$	279,8 mm	Maximum diameter of housing shoulder
$D_{b \max}$	284 mm	Maximum diameter of housing shoulder
$r_{a \max}$	2,1 mm	Maximum fillet radius of shaft
$r_{a1 \max}$	1 mm	Maximum fillet radius of housing

Dimensions

r_{\min}	2,1 mm	Minimum chamfer dimension
$r_{1 \min}$	1,1 mm	Minimum chamfer dimension
D_1	254,1 mm	Shoulder diameter on outer ring wide side face
d_1	228,04 mm	Shoulder diameter on inner ring wide side face
a	92,3 mm	Distance between the apexes of the pressure cones
α	30 °	Contact angle






Temperature range

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

Additional information

A_{\min}	80 μm	Axial clearance per set min.
Tol (+)	16 μm	Tolerance for axial clearance or preload per set

Özellikleri

-  F_r Radyal yük
-  F_a Tek yönde aksel yük
-  Gres yağlama
-  Yağ ile yağlama
-  Contasız