



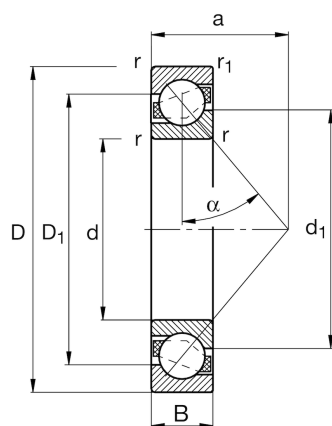
FAG

7232-B-MP

Angular contact ball bearing

Schaeffler ID:
0191162760000Angular contact ball bearing 72..-B-MP,
single row, solid brass cage

Technical information



Main Dimensions & Performance Data

d	160 mm	Bore diameter
D	290 mm	Outside diameter
B	48 mm	Width
C_r	241.000 N	Basic dynamic load rating, radial
C_{0r}	305.000 N	Basic static load rating, radial
C_{ur}	10.700 N	Fatigue load limit, radial
n_G	3.500 1/min	Limiting speed
n_{gr}	2.650 1/min	Reference speed
	13,5 kg	Weight

Additional information

r_{min}	3 mm	Minimum chamfer dimension
$r_{1 min}$	1,1 mm	Minimum chamfer dimension
D_1	238 mm	Shoulder diameter on outer ring wide side face
d_1	212 mm	Shoulder diameter on inner ring wide side face
a	118 mm	Distance between the apexes of the pressure cones
α	40 °	Contact angle

Mounting dimensions

$d_{a min}$	174 mm	Minimum diameter of shaft shoulder
$D_{a max}$	276 mm	Maximum diameter of housing shoulder
$D_{b max}$	283 mm	Maximaler Durchmesser der Gehäuseschulter
$r_{a max}$	2,5 mm	Maximum fillet radius of shaft
$r_{a1 max}$	1 mm	Maximum fillet radius of housing

Temperature range

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

