

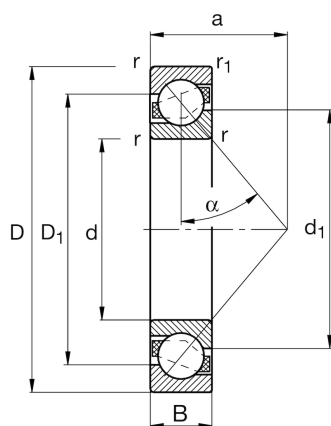
FAG

7248-B-MP

Angular contact ball bearing

Schaeffler ID:
0191164030000Angular contact ball bearing 72..-B-MP,
single row, solid brass cage

Technical information



Main Dimensions & Performance Data

d	240 mm	Bore diameter
D	440 mm	Outside diameter
B	72 mm	Width
C_r	440.000 N	Basic dynamic load rating, radial
C_{0r}	710.000 N	Basic static load rating, radial
C_{ur}	20.100 N	Fatigue load limit, radial
n_G	2.230 1/min	Limiting speed
n_{gr}	1.590 1/min	Reference speed
	49,5 kg	Weight

Additional information

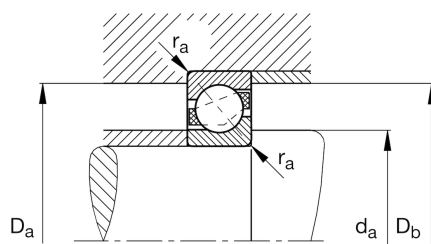
r_{min}	4 mm	Minimum chamfer dimension
$r_{1 min}$	1,5 mm	Minimum chamfer dimension
D_1	362 mm	Shoulder diameter on outer ring wide side face
d_1	322,5 mm	Shoulder diameter on inner ring wide side face
a	179 mm	Distance between the apexes of the pressure cones
α	40 °	Contact angle

Mounting dimensions

$d_{a min}$	257 mm	Minimum diameter of shaft shoulder
$D_{a max}$	423 mm	Maximum diameter of housing shoulder
$D_{b max}$	431 mm	Maximaler Durchmesser der Gehäuseschulter
$r_{a max}$	3 mm	Maximum fillet radius of shaft
$r_{a1 max}$	1,5 mm	Maximum fillet radius of housing

Temperature range

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



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