

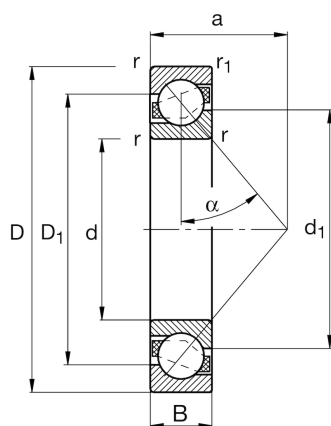
FAG

7256-B-MP

Angular contact ball bearing

Schaeffler ID:
0191164200000Angular contact ball bearing 72..-B-MP,
single row, solid brass cage

Technical information



Main Dimensions & Performance Data

d	280 mm	Bore diameter
D	500 mm	Outside diameter
B	80 mm	Width
C_r	500.000 N	Basic dynamic load rating, radial
C_{0r}	880.000 N	Basic static load rating, radial
C_{ur}	23.300 N	Fatigue load limit, radial
n_G	1.940 1/min	Limiting speed
n_{gr}	1.350 1/min	Reference speed
	69,1 kg	Weight

Additional information

r_{min}	5 mm	Minimum chamfer dimension
$r_{1 min}$	2 mm	Minimum chamfer dimension
D_1	413 mm	Shoulder diameter on outer ring wide side face
d_1	368 mm	Shoulder diameter on inner ring wide side face
a	204 mm	Distance between the apexes of the pressure cones
α	40 °	Contact angle

Mounting dimensions

$d_{a min}$	300 mm	Minimum diameter of shaft shoulder
$D_{a max}$	480 mm	Maximum diameter of housing shoulder
$D_{b max}$	489 mm	Maximaler Durchmesser der Gehäuseschulter
$r_{a max}$	4 mm	Maximum fillet radius of shaft
$r_{a1 max}$	2 mm	Maximum fillet radius of housing

Temperature range

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

