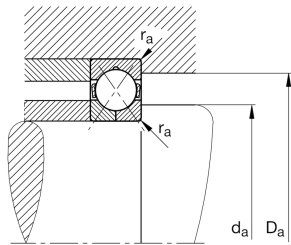
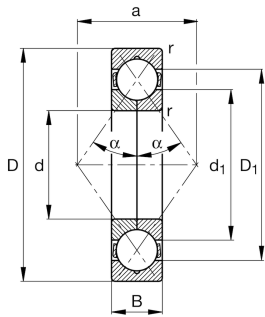


**FAG****QJ316-MPA**

Four-point contact bearing

Four point contact bearing QJ3..-MPA, solid brass cage

Technical information

**Your current product variant**

Tolerance class	PN	Normal (ISO 492:2023)
Cage	MPA	Solid brass cage, outer ring guided
Dimensional / heat stabilization	S0	Rings dimensional stabilized up to 150°
Axial internal clearance	CN	Group N (CN)

Main Dimensions & Performance Data

d	80 mm	Bore diameter
D	170 mm	Outside diameter
B	39 mm	Width
C_r	226.000 N	Basic dynamic load rating, radial
C_{0r}	220.000 N	Basic static load rating, radial
C_{ur}	11.100 N	Fatigue load limit, radial
n_G	7.000 1/min	Limiting speed
n_{gr}	3.750 1/min	Reference speed
m	4,65 kg	Weight

Mounting dimensions

$d_{a \min}$	92 mm	Minimum diameter shaft shoulder
$D_{a \max}$	158 mm	Maximum diameter of housing shoulder
$r_{a \max}$	2,1 mm	Maximum fillet radius



Dimensions

r_{\min}	2,1 mm	Minimum chamfer dimension
D_1	140,8 mm	Shoulder diameter outer ring
d_1	110,72 mm	Shoulder diameter inner ring
a	87,5 mm	Distance between the apexes of the pressure cones
α	35 °	Contact angle

Temperature range

T_{\min}	-30 °C	Operating temperature min.
T_{\max}	150 °C	Operating temperature max.

Characteristics

-  Radial load
-  Axial load in one direction
-  Axial load in two directions
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed