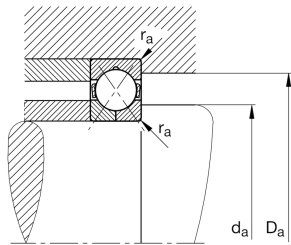
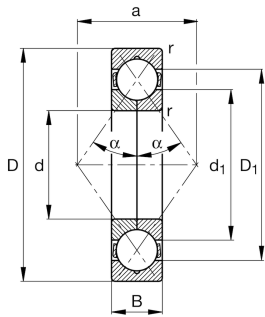


**FAG****QJ1272-MPA**

Four-point contact bearing

Four point contact bearing QJ12...-MPA, solid brass cage

Technical information

**Your current product variant**

Cage	MPA	Solid brass cage, outer ring guided
Tolerance class	PN	Tolerance class PN, acc. to DIN 620
Dimensional / heat stabilization	S1	Rings dimensional stabilized up to 200°
Axial internal clearance	CN	Group N (CN)

Main Dimensions & Performance Data

d	360 mm	Bore diameter
D	650 mm	Outside diameter
B	122 mm	Width
C_r	1.110.000 N	Basic dynamic load rating, radial
C_{0r}	2.600.000 N	Basic static load rating, radial
C_{ur}	67.000 N	Fatigue load limit, radial
n_G	1.700 1/min	Limiting speed
n_{gr}	810 1/min	Reference speed
m	192 kg	Weight

Mounting dimensions

$d_{a \min}$	386 mm	Minimum diameter shaft shoulder
$D_{a \max}$	624 mm	Maximum diameter of housing shoulder
$r_{a \max}$	5 mm	Maximum fillet radius



Dimensions

r_{\min}	6 mm	Minimum chamfer dimension
D_1	544,2 mm	Shoulder diameter outer ring
d_1	469,9 mm	Shoulder diameter inner ring
a	505 mm	Distance between the apexes of the pressure cones
α	45 °	Contact angle

Temperature range

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

Characteristics



Radial load



Axial load in one direction



Axial load in two directions



Grease Lubrication



Oil Lubrication



Not sealed



Large bearing