



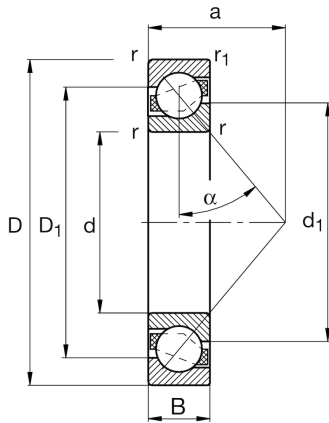
FAG

**7244-B-MP**

Angular contact ball bearing

Schaeffler ID:  
0384531930000Angular contact ball bearing 72...-B-MP,  
single row, solid brass cage

## Technical information



## Main Dimensions &amp; Performance Data

d	220 mm	Bore diameter
D	400 mm	Outside diameter
B	65 mm	Width
$C_r$	370.000 N	Basic dynamic load rating, radial
$C_{0r}$	570.000 N	Basic static load rating, radial
$C_{ur}$	17.000 N	Fatigue load limit, radial
$n_G$	2.480 1/min	Limiting speed
$n_{gr}$	1.790 1/min	Reference speed
	36,5 kg	Weight

## Additional information

$r_{min}$	4 mm	Minimum chamfer dimension
$r_{1 min}$	1,5 mm	Minimum chamfer dimension
$D_1$	329,5 mm	Shoulder diameter on outer ring wide side face
$d_1$	294,5 mm	Shoulder diameter on inner ring wide side face
a	163 mm	Distance between the apexes of the pressure cones
$\alpha$	40 °	Contact angle

## Mounting dimensions

$d_{a min}$	237 mm	Minimum diameter of shaft shoulder
$D_{a max}$	383 mm	Maximum diameter of housing shoulder
$D_{b max}$	391 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.

