



FAG

★ 7208-B-XL-MP

Angular contact ball bearing

Schaeffler ID:
0191148000000Angular contact ball bearing 72..-B-XL-MP,
single row, X-life, solid brass cage

★ Preferred product

X-life

Technical information



Temperature range

T_{min}	-30 °C	Operating temperature min.
T_{max}	150 °C	Operating temperature max.
	0,004 kg	Weight

Main Dimensions & Performance Data

d	40 mm	Bore diameter
D	80 mm	Outside diameter
B	18 mm	Width
C_r	36.000 N	Basic dynamic load rating, radial
C_{0r}	23.500 N	Basic static load rating, radial
C_{ur}	1.630 N	Fatigue load limit, radial
n_G	15.500 1/min	Limiting speed
n_{gr}	8.600 1/min	Reference speed

Dimensions

r_{min}	1,1 mm	Minimum chamfer dimension
$r_{1 min}$	0,6 mm	Minimum chamfer dimension
D_1	64,4 mm	Shoulder diameter on outer ring wide side face
d_1	56,42 mm	Shoulder diameter on inner ring wide side face
a	34 mm	Distance between the apexes of the pressure cones
α	40 °	Contact angle

Mounting dimensions

$d_{a min}$	47 mm	Minimum diameter of shaft shoulder
$D_{a max}$	73 mm	Maximum diameter of housing shoulder
$D_{b max}$	75,8 mm	Maximaler Durchmesser der Gehäuseschulter
$r_{a max}$	1 mm	Maximum fillet radius of shaft
$r_{a1 max}$	0,6 mm	Maximum fillet radius of housing

