



FAG

★ 7228-B-XL-MP

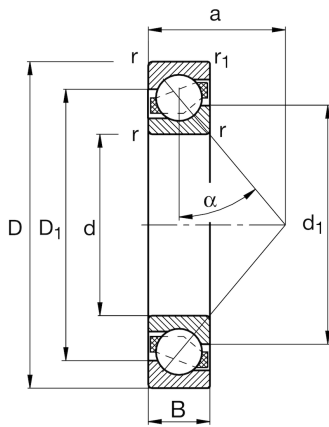
Angular contact ball bearing

Schaeffler ID:
0167257000000Angular 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}	200 °C	Operating temperature max.
	8,55 kg	Weight

Main Dimensions & Performance Data

d	140 mm	Bore diameter
D	250 mm	Outside diameter
B	42 mm	Width
C_r	214.000 N	Basic dynamic load rating, radial
C_{0r}	231.000 N	Basic static load rating, radial
C_{ur}	11.500 N	Fatigue load limit, radial
n_G	4.450 1/min	Limiting speed
n_{gr}	3.100 1/min	Reference speed

Dimensions

r_{min}	3 mm	Minimum chamfer dimension
r_{1min}	1,1 mm	Minimum chamfer dimension
D_1	207,5 mm	Shoulder diameter on outer ring wide side face
d_1	183,5 mm	Shoulder diameter on inner ring wide side face
a	103 mm	Distance between the apexes of the pressure cones
α	40 °	Contact angle

Mounting dimensions

$d_{a min}$	154 mm	Minimum diameter of shaft shoulder
$D_{a max}$	236 mm	Maximum diameter of housing shoulder
$D_{b max}$	243 mm	Maximaler Durchmesser der Gehäuseschulter
$r_{a max}$	2,5 mm	Maximum fillet radius of shaft
$r_{a1 max}$	1 mm	Maximum fillet radius of housing

