



FAG

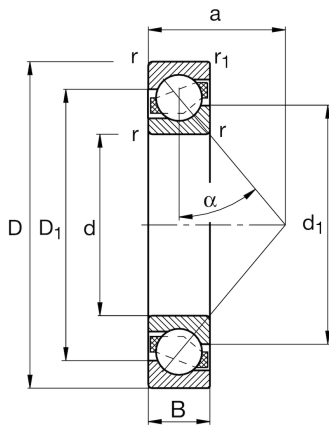
7230-B-XL-MP

Angular contact ball bearing

Schaeffler ID:
0191162250000Angular contact ball bearing 72..-B-XL-MP,
single row, X-life, solid brass cage

X-life

Technical information



Main Dimensions & Performance Data

d	150 mm	Bore diameter
D	270 mm	Outside diameter
B	45 mm	Width
C_r	245.000 N	Basic dynamic load rating, radial
C_{0r}	275.000 N	Basic static load rating, radial
C_{ur}	13.200 N	Fatigue load limit, radial
n_G	4.100 1/min	Limiting speed
n_{gr}	2.850 1/min	Reference speed
	10,995 kg	Weight

Additional information

r_{min}	3 mm	Minimum chamfer dimension
$r_{1 min}$	1,1 mm	Minimum chamfer dimension
D_1	223,5 mm	Shoulder diameter on outer ring wide side face
d_1	197,5 mm	Shoulder diameter on inner ring wide side face
a	111 mm	Distance between the apexes of the pressure cones
α	40 °	Contact angle

Mounting dimensions

$d_{a min}$	164 mm	Minimum diameter of shaft shoulder
$D_{a max}$	256 mm	Maximum diameter of housing shoulder
$D_{b max}$	263 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

Temperature range

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

