

FAG

7222-B-XL-MP

Angular contact ball bearing

Materiálové číslo Schaeffler:
0191160980000

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



X-life

Technické informace

Main Dimensions & Performance Data

d	110 mm	Bore diameter
D	200 mm	Outside diameter
B	38 mm	Width
C _r	167.000 N	Basic dynamic load rating, radial
C _{0r}	154.000 N	Basic static load rating, radial
C _{ur}	8.600 N	Fatigue load limit, radial
n _G	5.600 1/min	Limiting speed
n _{gr}	3.950 1/min	Reference speed
	4,99 kg	{Hmotnost}

Mounting dimensions

d _{a min}	122 mm	Minimum diameter of shaft shoulder
D _{a max}	188 mm	Maximum diameter of housing shoulder
D _{b max}	193 mm	Maximum diameter of housing shoulder
r _{a max}	2,1 mm	Maximum fillet radius of shaft
r _{a1 max}	1 mm	Maximum fillet radius of housing

Dimensions

r _{min}	2,1 mm	Minimum chamfer dimension
r _{1 min}	1,1 mm	Minimum chamfer dimension
D ₁	165,7 mm	Shoulder diameter on outer ring wide side face
d ₁	144,9 mm	Shoulder diameter on inner ring wide side face
a	84 mm	Distance between the apexes of the pressure cones
α	40 °	Contact angle

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	150 °C	Operating temperature max.

