

FAG**6304-2Z**

Deep groove ball bearing

Schaeffler ID:
0167228840000Deep groove ball bearing 63...-2Z, single
row, shields, steel sheet metal cage

Technical information

Main Dimensions & Performance Data

d	20 mm	Bore diameter
D	52 mm	Outside diameter
B	15 mm	Width
C _r	16.900 N	Basic dynamic load rating, radial
C _{0r}	7.900 N	Basic static load rating, radial
C _{ur}	540 N	Fatigue load limit, radial
n _G	16.800 1/min	Limiting speed
n _{gr}	14.400 1/min	Reference speed
	0,155 kg	Weight

Dimensions

r _{min}	1,1 mm	Minimum chamfer dimension
D ₂	44,4 mm	Caliber diameter outer ring
d ₁	30,3 mm	Shoulder diameter inner ring

Mounting dimensions

d _{a min}	27 mm	Minimum diameter shaft shoulder
D _{a max}	45 mm	Maximum diameter of housing shoulder
r _{a max}	1,1 mm	Maximum fillet radius

Calculation factors

f ₀	12,4	Calculation factor
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Temperature range

T _{min}	-20 °C	Operating temperature min.
T _{max}	120 °C	Operating temperature max.