



FAG

6304-C-2HRS-C3>V

Deep groove ball bearing

Schaeffler ID:
0949836400030

Deep groove ball bearing 63...-C-2HRS, single row, Generation C, seals, 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	18.500 N	Basic dynamic load rating, radial
C _{0r}	7.800 N	Basic static load rating, radial
C _{ur}	540 N	Fatigue load limit, radial
n _G	14.000 1/min	Limiting speed
	0,147 kg	Weight

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 mm	Maximum fillet radius

Dimensions

r _{min}	1,1 mm	Minimum chamfer dimension
D ₂	44,12 mm	Caliber diameter outer ring
d ₂	28,83 mm	Caliber diameter inner ring

Temperature range

T _{min}	-20 °C	Operating temperature min.
T _{max}	100 °C	Operating temperature max.

Calculation factors

f ₀	12,3	Calculation factor
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