

FAG**6202-H-2RSR**

Deep groove ball bearing

Schaeffler ID:
0937980160000Deep groove ball bearing 62...H-2RSR,
single row, H-Series, seals, steel sheet
metal cage

Technical information

Main Dimensions & Performance Data

d	15 mm	Bore diameter
D	35 mm	Outside diameter
B	11 mm	Width
C _r	7.640 N	Basic dynamic load rating, radial
C _{0r}	3.720 N	Basic static load rating, radial
C _{ur}	218 N	Fatigue load limit, radial
n _G	12.400 1/min	Limiting speed
	0,045 kg	Weight

Dimensions

r _{min}	0,6 mm	Minimum chamfer dimension
D ₂	31 mm	Caliber diameter outer ring
d ₂	20,6 mm	Caliber diameter inner ring

Mounting dimensions

d _{a min}	19,2 mm	Minimum diameter shaft shoulder
D _{a max}	30,8 mm	Maximum diameter of housing shoulder
r _{a max}	0,6 mm	Maximum fillet radius

Calculation factors

f ₀	13,1	Calculation factor
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Temperature range

T _{min}	-20 °C	Operating temperature min.
T _{max}	110 °C	Operating temperature max.