

FAG**6207-H-2Z**

Deep groove ball bearing

Schaeffler ID:
0938588840000

Deep groove ball bearing 62...-H-2Z, single row, H-Series, shields, steel sheet metal cage

Technical information

Main Dimensions & Performance Data

d	35 mm	Bore diameter
D	72 mm	Outside diameter
B	17 mm	Width
C _r	27.060 N	Basic dynamic load rating, radial
C _{0r}	15.330 N	Basic static load rating, radial
C _{ur}	900 N	Fatigue load limit, radial
n _G	11.600 1/min	Limiting speed
n _{gr}	10.500 1/min	Reference speed
	0,299 kg	Weight

Dimensions

r _{min}	1,1 mm	Minimum chamfer dimension
D ₂	63 mm	Caliber diameter outer ring
d ₂	43,4 mm	Caliber diameter inner ring

Mounting dimensions

d _{a min}	42 mm	Minimum diameter shaft shoulder
D _{a max}	65 mm	Maximum diameter of housing shoulder
r _{a max}	1,1 mm	Maximum fillet radius

Calculation factors

f ₀	13,3	Calculation factor
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Temperature range

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