

FAG**6006-H-2Z**

Deep groove ball bearing

Schaeffler ID:
0938788420000

Deep groove ball bearing 60..-H-2Z, single row, H-Series, shields, steel sheet metal cage

Technical information

Main Dimensions & Performance Data

d	30 mm	Bore diameter
D	55 mm	Outside diameter
B	13 mm	Width
C _r	13.230 N	Basic dynamic load rating, radial
C _{0r}	8.300 N	Basic static load rating, radial
C _{ur}	475 N	Fatigue load limit, radial
n _G	15.500 1/min	Limiting speed
n _{gr}	12.800 1/min	Reference speed
	0,126 kg	Weight

Dimensions

r _{min}	1 mm	Minimum chamfer dimension
D ₂	49,9 mm	Caliber diameter outer ring
d ₂	36,8 mm	Caliber diameter inner ring

Mounting dimensions

d _{a min}	34,6 mm	Minimum diameter shaft shoulder
D _{a max}	50,4 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum fillet radius

Calculation factors

f ₀	14,8	Calculation factor
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Temperature range

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