

FAG

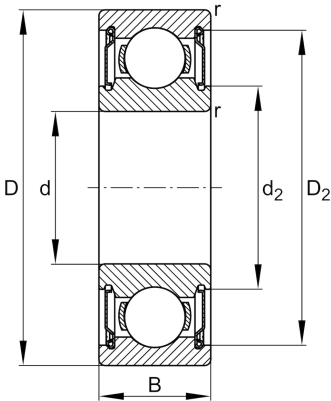
6212-H-2Z-SN

Deep groove ball bearing

Schaeffler ID:
0948194080000

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

Technical information



Main Dimensions & Performance Data

d	60 mm	Bore diameter
D	110 mm	Outside diameter
B	22 mm	Width
C _r	47.760 N	Basic dynamic load rating, radial
C _{0r}	32.920 N	Basic static load rating, radial
C _{ur}	1.970 N	Fatigue load limit, radial
n _G	7.300 1/min	Limiting speed
n _{gr}	6.900 1/min	Reference speed
	0,778 kg	Weight

Dimensions

r _{min}	1,5 mm	Minimum chamfer dimension
D ₂	97,8 mm	Caliber diameter outer ring
d ₂	73,3 mm	Caliber diameter inner ring

Mounting dimensions

d _{a min}	69 mm	Minimum diameter shaft shoulder
D _{a max}	101 mm	Maximum diameter of housing shoulder
r _{a max}	1,5 mm	Maximum fillet radius

Calculation factors

f ₀	14,5	Calculation factor
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Temperature range

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

