

FAG**6220-2RSR**

Deep groove ball bearing

Schaeffler ID:
0167216750000Deep groove ball bearing 62...-2RSR,
single row, seals, steel sheet metal cage

Technical information

Main Dimensions & Performance Data

d	100 mm	Bore diameter
D	180 mm	Outside diameter
B	34 mm	Width
C _r	130.000 N	Basic dynamic load rating, radial
C _{0r}	93.000 N	Basic static load rating, radial
C _{ur}	5.500 N	Fatigue load limit, radial
n _G	2.140 1/min	Limiting speed
	3,28 kg	Weight

Dimensions

r _{min}	2,1 mm	Minimum chamfer dimension
D ₂	158,9 mm	Caliber diameter outer ring
d ₁	124,7 mm	Shoulder diameter inner ring

Mounting dimensions

d _{a min}	112 mm	Minimum diameter shaft shoulder
D _{a max}	168 mm	Maximum diameter of housing shoulder
r _{a max}	2,1 mm	Maximum fillet radius

Calculation factors

f ₀	14,4	Calculation factor
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Temperature range

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