

FAG**6012-2RSR**

Deep groove ball bearing

Schaeffler ID:
0167178560000Deep groove ball bearing 60..-2RSR,
single row, seals, steel sheet metal cage

Technical information

Main Dimensions & Performance Data

d	60 mm	Bore diameter
D	95 mm	Outside diameter
B	18 mm	Width
C _r	31.500 N	Basic dynamic load rating, radial
C _{0r}	23.200 N	Basic static load rating, radial
C _{ur}	1.230 N	Fatigue load limit, radial
n _G	3.750 1/min	Limiting speed
	0,419 kg	Weight

Dimensions

r _{min}	1,1 mm	Minimum chamfer dimension
D ₂	86 mm	Caliber diameter outer ring
d ₁	71,3 mm	Shoulder diameter inner ring

Mounting dimensions

d _{a min}	66 mm	Minimum diameter shaft shoulder
D _{a max}	89 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum fillet radius

Calculation factors

f ₀	15,6	Calculation factor
----------------	------	--------------------

Temperature range

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