

FAG**51212**

Axial deep groove ball bearing

Schaeffler ID:
0167151010000Axial deep groove ball bearing 512, single
direction, steel sheet metal cage

Technical information

Main Dimensions & Performance Data

d	60 mm	Bore diameter
D	95 mm	Outside diameter
T	26 mm	Height
C _a	62.000 N	Basic dynamic load rating, axial
C _{0a}	139.000 N	Basic static load rating, axial
C _{ua}	6.300 N	Fatigue load limit, axial
n _G	4.200 1/min	Limiting speed
n _{gr}	5.300 1/min	Reference speed
	0,65 kg	Weight

Additional information

r _{min}	1 mm	Minimum chamfer dimension
D ₁	62 mm	Bore diameter housing washer
d ₁	95 mm	Lip diameter shaft washer

Mounting dimensions

d _{a min}	81 mm	Minimum diameter shaft shoulder
D _{a max}	74 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum recess radius

Calculation factors

A	0,12	Minimum load factor
---	------	---------------------

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	150 °C	Operating temperature max.