

FAG**51101**

Axial deep groove ball bearing

Schaeffler ID:
0167146360000Axial deep groove ball bearing 511, single
direction, steel sheet metal cage

Technical information

Main Dimensions & Performance Data

d	12 mm	Bore diameter
D	26 mm	Outside diameter
T	9 mm	Height
C _a	10.300 N	Basic dynamic load rating, axial
C _{0a}	15.400 N	Basic static load rating, axial
C _{ua}	710 N	Fatigue load limit, axial
n _G	13.100 1/min	Limiting speed
n _{gr}	16.900 1/min	Reference speed
	21 g	Weight

Additional information

r _{min}	0,3 mm	Minimum chamfer dimension
D ₁	13 mm	Bore diameter housing washer
d ₁	26 mm	Lip diameter shaft washer

Mounting dimensions

d _{a min}	20 mm	Minimum diameter shaft shoulder
D _{a max}	18 mm	Maximum diameter of housing shoulder
r _{a max}	0,3 mm	Maximum recess radius

Calculation factors

A	0,001	Minimum load factor
---	-------	---------------------

Temperature range

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