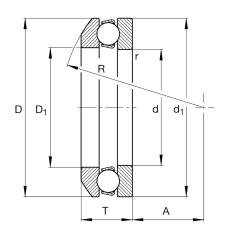
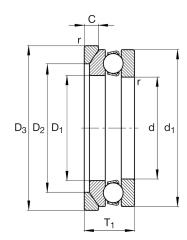
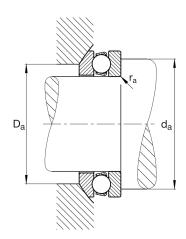
SCHAEFFLER



Technical information









53216

FAG

Axial deep groove ball bearing

Schaeffler ID: 0190070940000

Axial deep groove ball bearing 532, single direction, with spherical housing washer, steel sheet metal cage

Main Dimensions & Performance Data

d	80 mm	Inner diameter shaft washer
D	115 mm	Outer diameter housing washer
Т	29,5 mm	Height
C a	75.000 N	Basic dynamic load rating, axial
C _{0a}	191.000 N	Basic static load rating, axial
C _{ua}	8.800 N	Fatigue load limit, axial
n _G	3.700 1/min	Limiting speed
n _{ər}	3.950 1/min	Reference speed
	0,876 kg	Weight

Dimensions

r _{min}	1 mm	Minimum chamfer dimension
D ₁	82 mm	Inner diameter housing washer
d ₁	115 mm	Outer diameter shaft washer
R	90 mm	Radius spherical housing washer
А	46 mm	Distance of the center point
Τ ₁	33 mm	Height with seat washer

Mounting dimensions

d _{a min}	101 mm	Minimum diameter shaft shoulder
D _{a max}	98 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum filled radius

Calculation factors

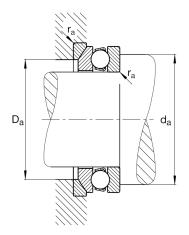
А

0,23 Minimum load factor

Additional information

	U216	Seat washer		
Temperature range				
T _{min}	-30 °C	Operating temperature min.		
T _{max}	150 °C	Operating temperature max.		

The datasheet is only an overview of dimensions and basic load ratings of the selected product. Please always observe all further information and guidelines for this product. For further information you can use the contact form on our website.





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