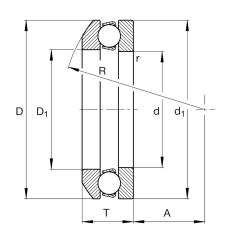
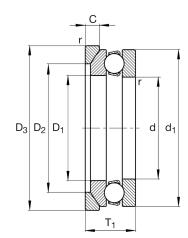
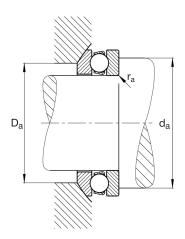


Technical information







53205

FAG

Axial deep groove ball bearing

Schaeffler ID: 0167157640000 Axial deep groove ball bearing 532, single direction, with spherical housing washer, steel sheet metal cage

Dimensions		
r _{min}	0,6 mm	Minimum chamfer dimension
D ₁	27 mm	Inner diameter housing washer
d ₁	47 mm	Outer diameter shaft washer
R	40 mm	Radius spherical housing washer
A	19 mm	Distance of the center point
Τ ₁	19 mm	Height with seat washer
	0,119 kg	Weight

Main Dimensions & Performance Data

d	25 mm	Inner diameter shaft washer
D	47 mm	Outer diameter housing washer
Т	16,7 mm	Height
C a	26.500 N	Basic dynamic load rating, axial
C _{0a}	50.000 N	Basic static load rating, axial
C _{ua}	2.280 N	Fatigue load limit, axial
n _G	7.500 1/min	Limiting speed
n _{ər}	9.800 1/min	Reference speed

Mounting dimensions

d _{a min}	38 mm	Minimum diameter shaft shoulder
D _{a max}	36 mm	Maximum diameter of housing shoulder
r _{a max}	0,6 mm	Maximum filled radius

Calcu

Calculation factors			
A	0,013	Minimum load factor	
Additional information			
	U205	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.

