



FAG

## ★ 53205

## Axial deep groove ball bearing

Schaeffler ID:  
0167157640000

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

★ Preferred product

## Technical information

## Temperature range

$T_{\min}$	-30 °C	Operating temperature min.
$T_{\max}$	150 °C	Operating temperature max.
	0,119 kg	Weight

## Main Dimensions &amp; Performance Data

d	25 mm	Bore diameter
D	47 mm	Outside diameter
T	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
$n_{gr}$	9.800 1/min	Reference speed

## Dimensions

$r_{\min}$	0,6 mm	Minimum chamfer dimension
$D_1$	27 mm	Bore diameter housing washer
$d_1$	47 mm	Lip diameter shaft washer
R	40 mm	Radius spherical housing washer
A	19 mm	Distance of the center point
$T_1$	19 mm	Height with seat washer

## 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 recess radius

## Additional information

A	0,013	Minimum load factor
	U205	Seat washer

