



FAG

★ 51405

Axial deep groove ball bearing

Schaeffler ID:  
0167154200000Axial deep groove ball bearing 514, single  
direction, steel sheet metal cage

★ Preferred product

## Technical information



## Temperature range

$T_{\min}$	-30 °C	Operating temperature min.
$T_{\max}$	150 °C	Operating temperature max.
	0,317 kg	Weight

## Main Dimensions &amp; Performance Data

d	25 mm	Bore diameter
D	60 mm	Outside diameter
T	24 mm	Height
$C_a$	43.000 N	Basic dynamic load rating, axial
$C_{0a}$	66.000 N	Basic static load rating, axial
$C_{ua}$	3.000 N	Fatigue load limit, axial
$n_G$	4.700 1/min	Limiting speed
$n_{gr}$	10.900 1/min	Reference speed

## Dimensions

$r_{\min}$	1 mm	Minimum chamfer dimension
$D_1$	27 mm	Bore diameter housing washer
$d_1$	60 mm	Lip diameter shaft washer

## Mounting dimensions

$d_{a\min}$	46 mm	Minimum diameter shaft shoulder
$D_{a\max}$	39 mm	Maximum diameter of housing shoulder
$r_{a\max}$	1 mm	Maximum recess radius

## Additional information

A	0,032	Minimum load factor
---	-------	---------------------