



FAG

★ 53209

Axial deep groove ball bearing

Schaeffler ID:  
0167158100000

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.
	0,291 kg	Weight

## Main Dimensions &amp; Performance Data

$d$	45 mm	Bore diameter
$D$	73 mm	Outside diameter
$T$	21,3 mm	Height
$C_a$	39.000 N	Basic dynamic load rating, axial
$C_{0a}$	80.000 N	Basic static load rating, axial
$C_{ua}$	3.650 N	Fatigue load limit, axial
$n_G$	5.500 1/min	Limiting speed
$n_{gr}$	6.600 1/min	Reference speed

## Dimensions

$r_{\min}$	1 mm	Minimum chamfer dimension
$D_1$	47 mm	Bore diameter housing washer
$d_1$	73 mm	Lip diameter shaft washer
$R$	56 mm	Radius spherical housing washer
$A$	26 mm	Distance of the center point
$T_1$	24 mm	Height with seat washer

## Mounting dimensions

$d_{a \min}$	62 mm	Minimum diameter shaft shoulder
$D_{a \max}$	60 mm	Maximum diameter of housing shoulder
$r_{a \max}$	1 mm	Maximum recess radius

## Additional information

$A$	0,043	Minimum load factor
	U209	Seat washer

