

FAG

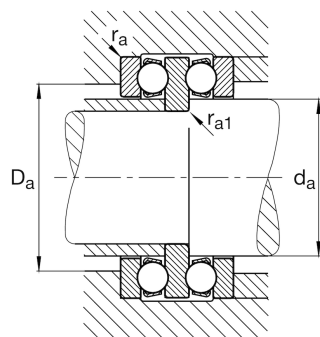
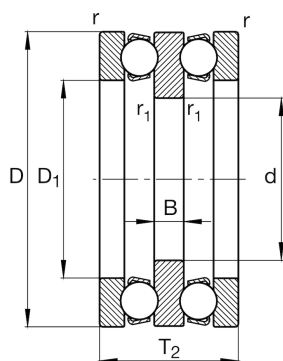
★ 52216

Axial deep groove ball bearing

Schaeffler ID:
0167155780000Axial deep groove ball bearing 522, double
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.
	1,568 kg	Weight

Main Dimensions & Performance Data

d	65 mm	Bore diameter
D	115 mm	Outside diameter
T_2	48 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_{gr}	4.150 1/min	Reference speed

Dimensions

D_1	82 mm	Bore diameter housing washer
B	10 mm	Height shaft washer
r_{\min}	1 mm	Minimum chamfer dimension
$r_{1\min}$	1 mm	Minimum chamfer dimension

Mounting dimensions

$d_{a\max}$	80 mm	Maximum mounting dimension shaft
$D_{a\max}$	94 mm	Maximum diameter of housing shoulder
$r_{a\max}$	1 mm	Maximum recess radius
$r_{a1\max}$	1 mm	Maximum recess radius

Additional information

A	0,23	Minimum load factor
---	------	---------------------