

FAG

★ 6002-C

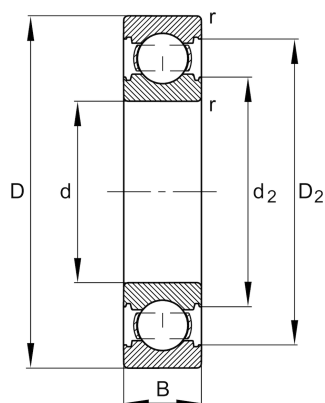
Deep groove ball bearing

Schaeffler ID:
0598128260000

Deep groove ball bearing 60...-C, single row, Generation C, steel sheet metal cage

★ Preferred product

Technical information



Temperature range

T_{\min}	-30 °C	Operating temperature min.
T_{\max}	120 °C	Operating temperature max.
	27 g	Weight

Main Dimensions & Performance Data

d	15 mm	Bore diameter
D	32 mm	Outside diameter
B	9 mm	Width
C_r	6.000 N	Basic dynamic load rating, radial
C_{0r}	2.850 N	Basic static load rating, radial
C_{ur}	176 N	Fatigue load limit, radial
n_G	37.000 1/min	Limiting speed
n_{gr}	23.200 1/min	Reference speed

Dimensions

r_{\min}	0,3 mm	Minimum chamfer dimension
D_2	28,8 mm	Caliber diameter outer ring
d_2	19,2 mm	Caliber diameter inner ring

Mounting dimensions

$d_{a\min}$	17 mm	Minimum diameter shaft shoulder
$D_{a\max}$	30 mm	Maximum diameter of housing shoulder
$r_{a\max}$	0,3 mm	Maximum fillet radius

Calculation factors

f_0	14	Calculation factor
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