



FAG

★ S6004-2RSR

Deep groove ball bearing

Schaeffler ID:
0551551460000

★ Preferred product

Deep groove ball bearing S60...-2RSR,
corrosion-resistant materials, single row,
seals, steel sheet metal cage

Technical information



Temperature range

T_{\min}	-30 °C	Operating temperature min.
T_{\max}	110 °C	Operating temperature max.
	0,069 kg	Weight

Main Dimensions & Performance Data

d	20 mm	Bore diameter
D	42 mm	Outside diameter
B	12 mm	Width
C_r	7.980 N	Basic dynamic load rating, radial
C_{0r}	4.050 N	Basic static load rating, radial
C_{ur}	265 N	Fatigue load limit, radial
n_G	9.700 1/min	Limiting speed

Dimensions

r_{\min}	0,6 mm	Minimum chamfer dimension
D_2	38,75 mm	Caliber diameter outer ring
d_1	27,6 mm	Shoulder diameter inner ring

Mounting dimensions

$d_{a\min}$	23,2 mm	Minimum diameter shaft shoulder
$D_{a\max}$	38,8 mm	Maximum diameter of housing shoulder
$r_{a\max}$	0,6 mm	Maximum fillet radius

Calculation factors

f_0	11,2	Calculation factor
-------	------	--------------------