

FAG

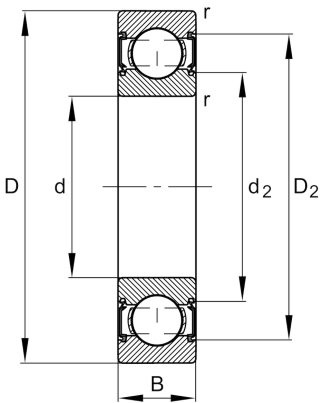
6002-C-2HRS

Deep groove ball bearing

Schaeffler ID:
0957693660000

Deep groove ball bearing 60...-C-2HRS,
single row, Generation C, seals, steel
sheet metal cage

Technical information



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
	0.029 kg	Weight

Main Dimensions & Performance Data

d	15 mm	Bore diameter
D	32 mm	Outside diameter
B	9 mm	Width
C_r	6,300 N	Basic dynamic load rating, radial
C_{0r}	2,850 N	Basic static load rating, radial
C_{ur}	191 N	Fatigue load limit, radial
n_G	20,300 1/min	Limiting speed

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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Temperature range

T_{min}	-20 °C	Operating temperature min.
T_{max}	100 °C	Operating temperature max.