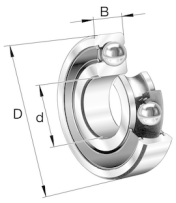
SCHAEFFLER



FAG

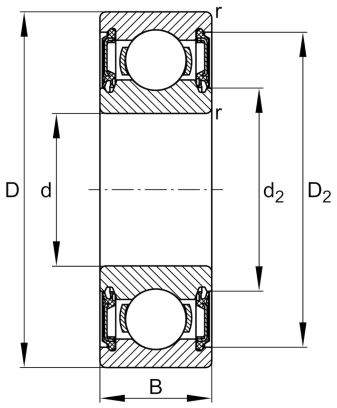
6301-H-2RSR

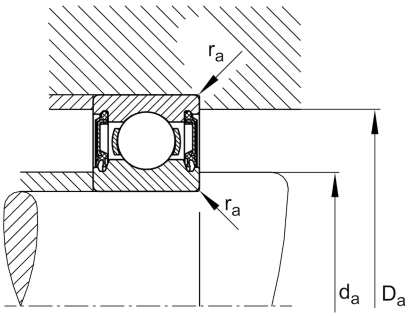
Deep groove ball bearing

Schaeffler ID:
0938685610000

Deep groove ball bearing 63..-H-2RSR, single row, H-Series, seals, steel sheet metal cage

Technical information





Main Dimensions & Performance Data

d	12 mm	Bore diameter
D	37 mm	Outside diameter
B	12 mm	Width
C_r	7.690 N	Basic dynamic load rating, radial
C_{0r}	3.500 N	Basic static load rating, radial
C_{ur}	202 N	Fatigue load limit, radial
n_G	13.400 1/min	Limiting speed
	0,064 kg	Weight

Dimensions

r_{min}	1 mm	Minimum chamfer dimension
D_2	30 mm	Caliber diameter outer ring
d_2	18,7 mm	Caliber diameter inner ring

Mounting dimensions

$d_{a\ min}$	17,6 mm	Minimum diameter shaft shoulder
$D_{a\ max}$	31,4 mm	Maximum diameter of housing shoulder
$r_{a\ max}$	1 mm	Maximum fillet radius

Calculation factors

f_0	12,4	Calculation factor

Temperature range

T_{min}	-20 °C	Operating temperature min.
T_{max}	110 °C	Operating temperature max.

The datasheet is only an overview of dimensions and basic load ratings of the selected product. Please always observe all further information and guidelines for this product. For further information you can use the contact form on our website.