

FAG

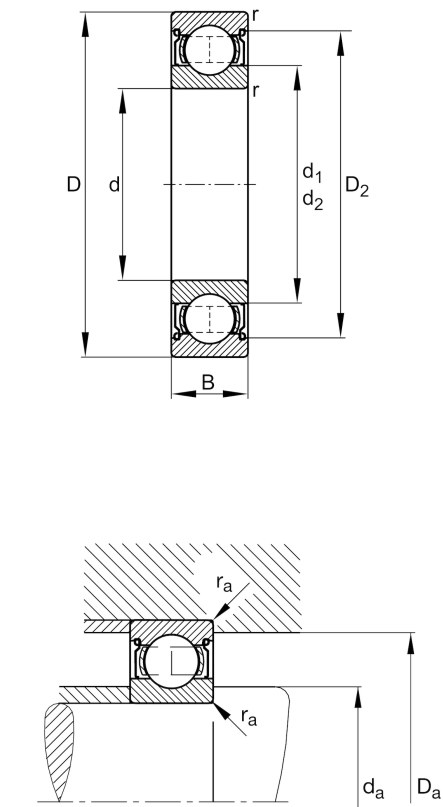
61804-2Z

Deep groove ball bearing

Schaeffler ID:
0554546310000

Deep groove ball bearing 618..-2Z, single row, shields, steel sheet metal cage

Technical information



Main Dimensions & Performance Data

d	20 mm	Bore diameter
D	32 mm	Outside diameter
B	7 mm	Width
C _r	4.020 N	Basic dynamic load rating, radial
C _{0r}	2.460 N	Basic static load rating, radial
C _{ur}	110 N	Fatigue load limit, radial
n _G	28.500 1/min	Limiting speed
n _{gr}	17.600 1/min	Reference speed
	0,016 kg	Weight

Dimensions

r _{min}	0,3 mm	Minimum chamfer dimension
D ₂	29,5 mm	Caliber diameter outer ring
d ₂	22,6 mm	Caliber diameter inner ring

Mounting dimensions

d _{a min}	22 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	15,4	Calculation factor
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Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	120 °C	Operating temperature max.