

FAG

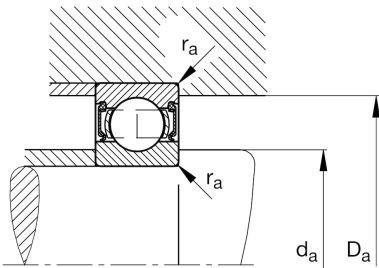
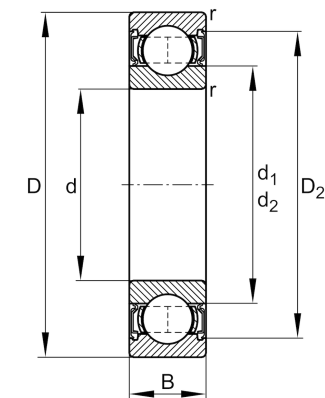
6303-2RSR

Deep groove ball bearing

Schaeffler ID:
0167227950000

Deep groove ball bearing 63...-2RSR,
single row, cf. DIN 625-1

Technical information



Main Dimensions & Performance Data

d	17 mm	Bore diameter
D	47 mm	Outside diameter
B	14 mm	Width
r _{min}	1 mm	Minimum chamfer dimension
C _r	14.400 N	Basic dynamic load rating, radial
C _{0r}	6.500 N	Basic static load rating, radial
C _{ur}	435 N	Fatigue load limit, radial
n _G	10.200 1/min	Limiting speed
	0,112 kg	Weight

Dimensions

D ₂	39,3 mm	Caliber diameter outer ring
d ₁	26,2 mm	Shoulder diameter inner ring

Mounting dimensions

d _{a min}	22,6 mm	Minimum diameter shaft shoulder
D _{a max}	41,4 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum fillet radius

Temperature range

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

Calculation factors

f ₀	12,2	Calculation factor
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