

FAG

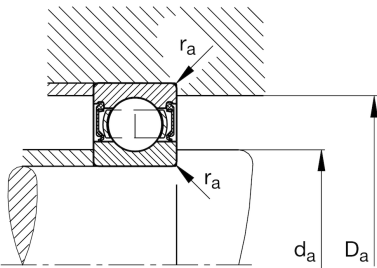
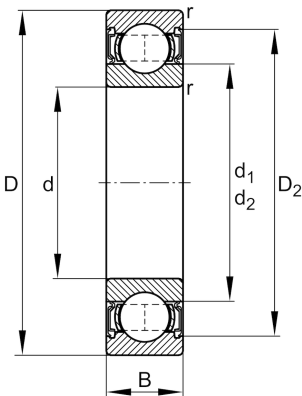
6003-2RSR

Deep groove ball bearing

Schaeffler ID:
0167170230000

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

Technical information



Main Dimensions & Performance Data

d	17 mm	Bore diameter
D	35 mm	Outside diameter
B	10 mm	Width
C _r	6.400 N	Basic dynamic load rating, radial
C _{0r}	3.250 N	Basic static load rating, radial
C _{ur}	162 N	Fatigue load limit, radial
n _G	11.800 1/min	Limiting speed
	39,5 g	Weight

Dimensions

r _{min}	0,3 mm	Minimum chamfer dimension
D ₂	30,8 mm	Caliber diameter outer ring
d ₁	22,7 mm	Shoulder diameter inner ring

Mounting dimensions

d _{a min}	19 mm	Minimum diameter shaft shoulder
D _{a max}	33 mm	Maximum diameter of housing shoulder
r _{a max}	0,3 mm	Maximum fillet radius

Calculation factors

f ₀	14,3	Calculation factor
----------------	------	--------------------

Temperature range

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