



FAG

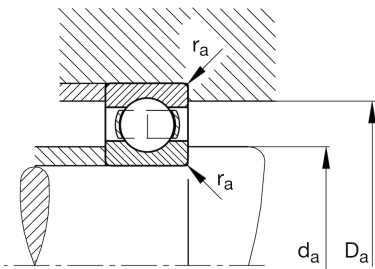
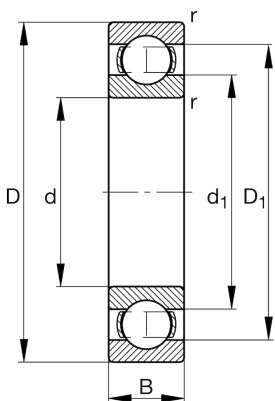
627

Deep groove ball bearing

Schaeffler ID:
0383910150000

Deep groove ball bearing 62, single row,
steel sheet metal cage

Technical information



Main Dimensions & Performance Data

d	7 mm	Bore diameter
D	22 mm	Outside diameter
B	7 mm	Width
C _r	3,297 N	Basic dynamic load rating, radial
C _{0r}	1,368 N	Basic static load rating, radial
C _{ur}	74 N	Fatigue load limit, radial
n _G	47,000 1/min	Limiting speed
n _{gr}	28,000 1/min	Reference speed
	0.013 kg	Weight

Dimensions

r _{min}	0.3 mm	Minimum chamfer dimension
D ₁	18 mm	Shoulder diameter outer ring
d ₁	12.14 mm	Shoulder diameter inner ring

Temperature range

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

Mounting dimensions

f ₀	12.4	Calculation factor
d _{a min}	9.4 mm	Minimum diameter shaft shoulder
D _{a max}	19.6 mm	Maximum diameter of housing shoulder
r _{a max}	0.3 mm	Maximum fillet radius