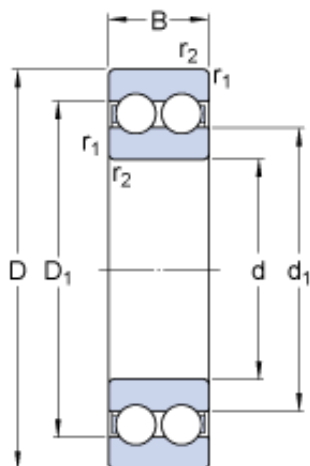




BEARING ITALIA S.P.A



25 mm x 52 mm x 18 mm skf 4205 ATN9 Deep groove ball bearings

Bearing No. 4205 ATN9

4205 ATN9 Bearing 2D drawings and 3D CAD models

Size	52x25x18 mm
Bore Diameter	52 mm
Outer Diameter	25 mm
Width	18 mm
d	25 mm
D	52 mm
B	18 mm
d ₁	34.2 mm
D ₁	42.8 mm
r _{1,2} - min.	1 mm
d _a - min.	30.6 mm
D _a - max.	46.4 mm
r _a - max.	1 mm
Basic dynamic load rating - C	19 kN
Basic static load rating - C ₀	14.6 kN
Fatigue load limit - P _u	0.62 kN
Reference speed	20000 r/min
Limiting speed	11000 r/min
Calculation factor minimum radial load - k _r	0.05
Calculation factor - f ₀	14
Category	Ball Bearings
Inventory	0.0
Manufacturer Name	SKF



BEARING ITALIA S.P.A

Minimum Buy Quantity	N/A
Weight / Kilogram	0.169
Product Group	B00152
bore diameter:	25 mm
static load capacity:	14.6 kN
outside diameter:	52 mm
precision rating:	Not Rated
overall width:	18 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Fiberglass Reinforced Nylon
closure type:	Open
outer ring width:	18 mm
row type & fill slot:	Double Row Non-Fill Slot
fillet radius:	1 mm
internal clearance:	C0
maximum rpm:	11000 RPM
dynamic load capacity:	19 kN
series:	42
d_1	34.2 mm
D_1	42.8 mm
$r_{1,2}$ min.	1 mm
d_a min.	30.6 mm
D_a max.	46.4 mm
r_a max.	1 mm
Basic dynamic load rating C	19 kN
Basic static load rating C_0	14.6 kN
Fatigue load limit P_u	0.62 kN
Calculation factor k_r	0.05
Calculation factor f_0	14.3
Mass bearing	0.17 kg