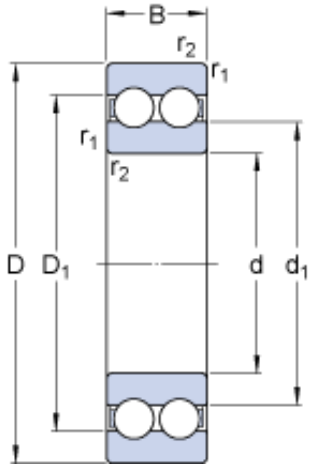
Loyal | 4205 ATN9



Bearing No. 4205 ATN9

D	52 mm
d	25 mm
B	18 mm
series:	42
Category	Ball Bearings
Inventory	0.0
Size (mm)	52x25x18
Width (mm)	18
bore type:	Round
Mass bearing	0.17 kg
maximum rpm:	11000 RPM
closure type:	Open
d_1	34.2 mm
Product Group	B00152
D_1	42.8 mm
fillet radius:	1 mm
cage material:	Fiberglass Reinforced Nylon
overall width:	18 mm
Bearing number	4205 ATN9
bore diameter:	25 mm
Limiting speed	11000 r/min
Reference speed	20000 r/min
finish/coating:	Uncoated
outside diameter:	52 mm
outer ring width:	18 mm
precision rating:	Not Rated
Manufacturer Name	SKF
Weight / Kilogram	0.169
r_a max.	1 mm

D_a max.	46.4 mm
d_a min.	30.6 mm
Bore Diameter (mm)	52
internal clearance:	C0
Outer Diameter (mm)	25
$r_{1,2}$ min.	1 mm
Minimum Buy Quantity	N/A
r_a - max.	1 mm
D_a - max.	46.4 mm
d_a - min.	30.6 mm
D_1 ?	42.8 mm
d_1 ?	34.2 mm
row type & fill slot:	Double Row Non-Fill Slot
static load capacity:	14.6 kN
dynamic load capacity:	19 kN
$r_{1,2}$ - min.	1 mm
Basic dynamic load rating C	19 kN
Basic dynamic load rating - C	19 kN
Fatigue load limit P_u	0.62 kN
Calculation factor k_r	0.05
Calculation factor f_0	14.3
Calculation factor - f_0	14
Fatigue load limit - P_u	0.62 kN
Basic static load rating C_0	14.6 kN
Basic static load rating - C_0	14.6 kN
Calculation factor minimum radial load - k_r	0.05