



Bearing No. 6205N

D	52 mm
d	25 mm
B	15 mm
C	15 mm
a	2.46 mm
b	1.35 mm
r1	0.5 mm
D1	49.73 mm
Width	15 mm
Weight	0.128 Kg
r min.	1 mm
r1 min.	0.5 mm
a (max)	2.5 mm
da (min)	31 mm
Cy (max)	3.3 mm
Da (max)	46 mm
Dx (min)	58.5 mm
ra (max)	1 mm
Factor fo	13.9
Bore Type	Cylindrical Bore
Enclosure	Open
Size (mm)	25x52x15
Bore Size	25 mm
Width (mm)	15
Groove Width	1.4 mm
Configuration	Single Row
Bearing number	6205N
Groove Diameter	49.7 mm
Outside Diameter	52 mm
Radial Clearance	0.005 to 0.020 mm

Static Load Rating	7,900 N
Bore Diameter (mm)	25
Dynamic Load Rating	14,000 N
Outer Diameter (mm)	52
Limiting Speed - Oil	16,000 rpm
Fillet Radius/Chamfer	1 mm
Limiting Speed - Grease	13,000 rpm
(Grease) Lubrication Speed	12000 r/min
Basic static load rating (C0)	7,9 kN
Basic dynamic load rating (C)	14 kN