



Bearing No. 7205

D	52 mm
d	25 mm
B	15 mm
C	15 mm
a	19 mm
Mass	0.12 kg
r min.	1 mm
Weight	0,125 Kg
Da max	46.5 mm
rs min	1 mm
Db max	47.5 mm
ra max	1 mm
db min	29,5 mm
da min	30.5 mm
series:	72
r1a max	0.6 mm
weight:	0.125 kg
ra max.	1 mm
da min.	30,5 mm
r1 min.	0,6 mm
r1s min	0.6 mm
Size (mm)	25x52x15
Nlim (oil)	19,000 rpm
bore type:	Round
Width (mm)	15
maximum rpm:	19000 rpm
Nlim (grease)	14,000 rpm
closure type:	Open
bore diameter:	25 mm
overall width:	15 mm

fillet radius:	1 mm
cage material:	Steel
contact angle:	30 °
Bearing number	7205
finish/coating:	Uncoated
Dynamic load, C	16.2 kN
Angle (?)	25 °
Static load, C0	10.3 kN
Contact angle ?	30 °
precision rating:	ISO Class 0
bearing material:	High Carbon Chrome Steel
outside diameter:	52 mm
outer ring width:	15 mm
Bore Diameter (mm)	25
snap ring included:	Without Snap Ring
internal clearance:	C0
Outer Diameter (mm)	52
row type & fill slot:	Single-Row Non-Fill Slot
Fatigue limit load, Cu	0.47 kN
manufacturer product page:	Click here
(Grease) Lubrication Speed	14 000 r/min
operating temperature range:	-40 to 120 °C
radial static load capacity:	10300 N
Basic static load rating (C0)	10,3 kN
Basic dynamic load rating (C)	16,2 kN
radial dynamic load capacity:	16200 N
Max operating	120 °C

temperature, Tmax	
Min operating temperature, Tmin	-40 °C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic inner ring frequency, BPF1	7.64 Hz
Characteristic outer ring frequency, BPF0	5.36 Hz
Characteristic rolling element frequency, BSF	4.76 Hz