



NTN-SNR BEARING RULMENTI S.R.L.

25 mm x 62 mm x 17 mm SNR 7305 Single row
or matched pairs of angular contact ball bearings

Bearing No. 7305

7305 Bearing 2D drawings and 3D CAD models

d	25 mm
D	62 mm
B	17 mm
d1	39.1 mm
d2	32.9 mm
D1	49.1 mm
D2	54.7 mm
a	21.1 mm
Contact angle	30 °
rs min	1.1 mm
r1s min	0.6 mm
Mass	0.24 kg
Dynamic load, C	26.3 kN
Static load, C0	15.8 kN
Fatigue limit load, Cu	0.72 kN
Nref	9,900 rpm
Nlim	14,000 rpm
Min operating temperature, Tmin	-40 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.39 Hz
Characteristic rolling element frequency, BSF	3.72 Hz
Characteristic outer ring frequency, BPF0	4.28 Hz



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Characteristic inner ring frequency, BPFI	6.72 Hz
da min	32 mm
db min	32 mm
Da max	55 mm
Db max	57.5 mm
r1a max	0.6 mm
ra max	1 mm