



HMSA BEARING MANUFACTURING LIMITED

25 mm x 47 mm x 12 mm SNR 6005ZZ Single row deep groove ball bearings

Bearing No. 6005ZZ

6005ZZ Bearing 2D drawings and 3D CAD models

d	25 mm
D	47 mm
B	12 mm
d1	30 mm
D1	42 mm
rs min	0.6 mm
Radial clearance class	CN
Mass	0.08 kg
Dynamic load, C	9.9 kN
Static load, C0	5.9 kN
Fatigue limit load, Cu	0.27 kN
f0	14.5
Nref	15,000 rpm
Nlim	20,000 rpm
Min operating temperature, Tmin	-20 ° C
Max operating temperature, Tmax	120 ° C
Characteristic cage frequency, FTF	0.41 Hz
Characteristic rolling element frequency, BSF	5.49 Hz
Characteristic outer ring frequency, BPF0	4.12 Hz
Characteristic inner ring frequency, BRFI	5.88 Hz
da min	29 mm



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da max	30 mm
Da max	43 mm
ra max	0.6 mm