

AST SMF105ZZ deep groove ball bearings

Our highly-skilled and factory-trained service experts have the resources to help you with all your AST SMF105ZZ deep groove ball bearings needs – including routine maintenance, 75 mm d major repairs, warranty service, and equipment inspections.

d	75 mm
D	160 mm
B	37 mm
d1	105 mm
D1	134.2 mm
rs min	2.1 mm
Associated sleeve reference	H315
e	0.22
Y1	2.84
Y2	4.39
Y0	2.97
Radial clearance class	C3
Precision class	P0
Mass	3.52 kg
Dynamic load, C	78 kN
Static load, C0	30 kN
Nref	4,800 rpm
Nlim	5,600 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C

Characteristic cage frequency, FTF	0.42 Hz
Characteristic rolling element frequency, BSF	6.08 Hz
Characteristic outer ring frequency, BPF0	6.73 Hz
Characteristic inner ring frequency, BPFI	9.27 Hz
da min	86 mm
da max	102 mm
db min	80 mm
Ce min	5 mm
Da max	149 mm
ra max	2 mm