

SNR UK308+H-22 deep groove ball bearings

SNR UK308+H-22 deep groove ball bearings Needs Analysis , Manufacturing Service 300x460x100 Size (mm) 300 Bore Diameter (mm) . Get Your Free.

Size (mm)	300x460x100
Bore Diameter (mm)	300
Outer Diameter (mm)	460
Width (mm)	100
d	300 mm
D	460 mm
T	100 mm
B	100 mm
C	74 mm
ra1 max.	3 mm
a	98 mm
r min.	5 mm
r1 min.	4 mm
da min.	322 mm
Da min	404 mm
Da max.	442 mm
db max.	329 mm
Db min.	439 mm
ra max.	4 mm
Sa	15 mm
Sb	26 mm
Weight	59,6 Kg

Basic dynamic load rating (C)	1 490 kN
Basic static load rating (C0)	2 830 kN
(Grease) Lubrication Speed	680 r/min
(Oil) Lubrication Speed	910 r/min
Calculation factor (e)	0,43
Calculation factor (Y0)	0,76
d1	380 mm
rs min	5 mm
r1s min	4 mm
e	0.43
Y2	1.38
Y0	0.76
Mass	59.6 kg
ISO 355 reference	T4GD300
Dynamic load, C	1,490 kN
Rating life coefficient, A2	1
Static load, C0	2,830 kN
Fatigue limit load, Cu	231 kN
Nlim (oil)	910 rpm
Nlim (grease)	680 rpm
Min operating temperature, Tmin	-40 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.45 Hz
Characteristic rolling element frequency, BSF	9.59 Hz
Characteristic outer ring frequency, BPF0	12.16 Hz
Characteristic inner ring frequency, BRFI	14.84 Hz
da max	329 mm
db min	322 mm
Da max	442 mm

Db min	439 mm
Ca min	15 mm
Cb min	26 mm
ra max	4 mm
r1a max	3 mm