

# AST 22238C spherical roller bearings

What are the types of AST 22238C spherical roller bearings ?  
40 mm d Manufacturing Service . Get Your Free, Instant price,  
design review. 28 mm B

d	40 mm
D	80 mm
B	28 mm
d2	47.8 mm
D1	73.8 mm
rs min	1.1 mm
Number of lubrication holes	3
b	5.4 mm
k	2.5 mm
e	0.27
Y1	2.47
Y2	3.68
Y0	2.41
Radial clearance class	CN
Mass	0.6 kg
Dynamic load, C	116 kN
Static load, C0	105 kN
Fatigue limit load, Cu	11.2 kN
Nlim	2,300 rpm
Min operating temperature, Tmin	-20 °C
Max operating temperature, Tmax	120 °C
Characteristic cage frequency, FTF	0.42 Hz

Characteristic rolling element frequency, BSF	5.62 Hz
Characteristic outer ring frequency, BPF <sub>0</sub>	6.64 Hz
Characteristic inner ring frequency, BRFI	9.36 Hz
da min	45.1 mm
Da max	73.9 mm
ra max	1 mm