



ITEM NUMBER

22214EAKD1C3

Spherical Roller Bearing w/ Tapered Bore & Oil Groove

Spherical Roller Bearings w/ Tapered Bore

d
70 mm
Bore

D
125 mm
Outside diameter

B
31 mm
Width

View details: <https://catson.vn/tra-cuu-vong-bi/ntn/22214eakd1c3/?lang=en>

Technical Specifications

Type	Spherical Roller Bearing
Bore Type	Tapered
Material	Through Hardened Steel
Cage Type	Pressed
Cage Material	Steel
Limiting Speed - Oil	5200 RPM
Limiting Speed - Grease	4100 RPM
e	0.22
Y1	3.01
Y2	4.48
Y0	2.94
Series	222
Radial Internal Clearance	C3
Ring Modification	Relube
Tolerance	JIS-0 RBEC-1
Taper	1:12
Static Load Rating	240000 N

Dynamic Load Rating	225000 N
Enclosure	Open
Weight	1.580 kg
Operating Temperature Range	-40 to 200 °C

Dimensional Specifications

d	70.000 mm
D	125.000 mm
B	31.000 mm
r	1.500 mm
W0	7.000 mm
d0	3.500 mm
da min	79.000 mm
Da max	116.000 mm
ras max	1.500 mm

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