



ITEM NUMBER

22209EAKD1C3

Spherical Roller Bearing w/ Tapered Bore & Oil Groove

Spherical Roller Bearings w/ Tapered Bore

d
45 mm
Bore

D
85 mm
Outside diameter

B
23 mm
Width

View details: <https://catson.vn/tra-cuu-vong-bi/ntn/22209eakd1c3/?lang=en>

Technical Specifications

Type	Spherical Roller Bearing
Bore Type	Tapered
Material	Through Hardened Steel
Cage Type	Pressed
Cage Material	Steel
Limiting Speed - Oil	7100 RPM
Limiting Speed - Grease	6100.0 RPM
e	0.26
Y1	2.64
Y2	3.93
Y0	2.58
Series	222
Radial Internal Clearance	C3
Ring Modification	Relube
Tolerance	JIS-0 RBEC-1
Taper	1:12
Static Load Rating	113000 N

Dynamic Load Rating	121000 N
Enclosure	Open
Weight	0.570 kg
Operating Temperature Range	-40 to 200 °C

Dimensional Specifications

d	45.000 mm
D	85.000 mm
B	23.000 mm
r	1.100 mm
W0	6.000 mm
d0	2.500 mm
da min	52.000 mm
Da max	78.000 mm
ras max	1.100 mm

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