


NTN BEARING CORPORATION OF AMERICA

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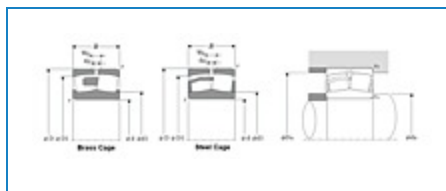
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Item # 23940EMW33C3, Spherical Roller Bearing w/ Standard Bore & Oil Groove, 239 Series


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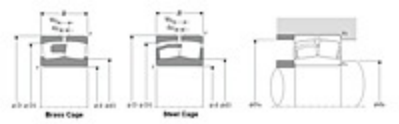
Technical Specifications

Type

Spherical Roller Bearing

Bore Type	Round
Material	Through Hardened Steel
Cage Material	Brass
Limiting Speed - Oil	1500 RPM
Limiting Speed - Grease	1500 RPM
e	0.18
Y1	3.76
Y2	5.59
Y0	3.67
Series	239
Radial Internal Clearance	C3
Ring Modification	Plain
Tolerance	JIS-0 RBEC-1
Static Load Rating	268000 lbf 1190000 N 1190.00 kN
Dynamic Load Rating	171000 lbf 760000 N 760.00 kN
Enclosure	Open
Weight	26.455 lb 12.000 kg
Operating Temperature Range	-40 to 400 °F -40 to 200 °C

Dimensional Specifications



Spherical Roller Bearing w/ Standard Bore & Oil Groove, 239 Series - Dimensions

d	7.8740 in 200.000 mm
D	11.0236 in 280.000 mm
B	2.3622 in 60.000 mm
d1	8.7008 in 221.000 mm
D1	10.2362 in 260.000 mm
r	0.0827 in 2.100 mm
W0	0.4724 in 12.000 mm
d0	0.2362 in 6.000 mm
da min	8.3071 in 211.000 mm
Da max	10.5906 in 269.000 mm
ras max	0.0827 in 2.100 mm