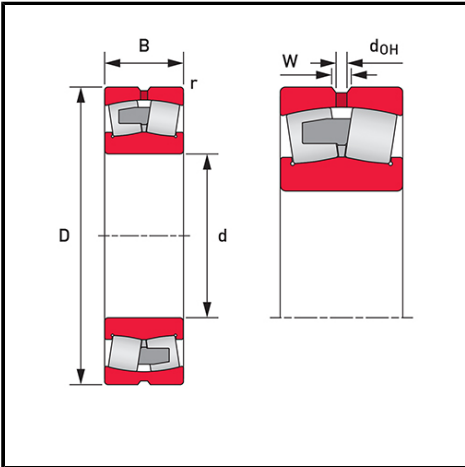


23940CAMC3W507



Current Selection

Design/Internal Design	--	Spherical roller bearing, series 239
Bore Type	--	Cylindrical bore
Cage	CAM	Machined brass
Radial Internal Clearance	C3	Greater than normal clearance
Accuracy	--	Standard accuracy
Lubrication Feature	E4	Lubrication groove and holes, outer ring
Special Materials	--	--
Other	W507	E4 + S11 (Heat stabilization up to 200°C) + Special packaging specification to prevent shipping damage.

Main Dimensions and Performance Data

d	200 mm	Bore Diameter
D	280 mm	Outside Diameter
B	60 mm	Width
r (min.)	2.1 mm	Chamfer Dimension
d _{oh}	5.0 mm	Diameter, Oil Hole
C _r	710000.0 N	Basic Dynamic Load Rating
C _{0r}	1060000.0 N	Basic Static Load Rating
--	2400.0 rpm	Thermal Reference Speed
--	2600.0 rpm	Limiting speed, mechanical
--	1100.0 rpm	Limiting speed, grease
--	1400.0 rpm	Limiting speed, oil
--	10.89114 kg	Weight (approx.)

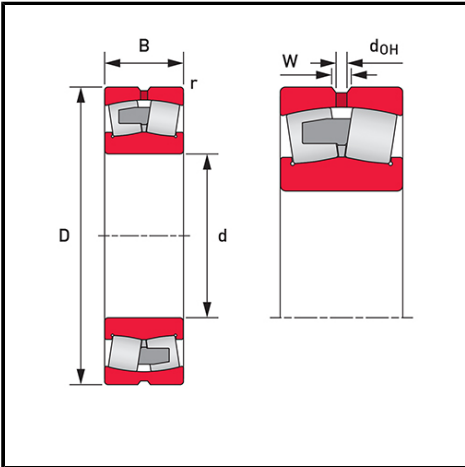
Mounting Dimensions

d _a (min.)	212.0 mm	Minimum diameter, shaft shoulder
d _a (max.)	--	Maximum diameter, shaft shoulder
D _a (max.)	268.0 mm	Maximum diameter, housing shoulder
D _a (min.)	258.0 mm	Minimum diameter, housing shoulder
r _a (max.)	2.0 mm	Maximum fillet radius

NSK CORPORATION

P.O. Box 134007
Ann Arbor, MI 48113-4007
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Calculation Factors

e	--	Constant
Y_2	--	Dynamic Axial Load Factor
Y_3	--	Dynamic Axial Load Factor
Y_0	--	Static Axial Load Factor

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