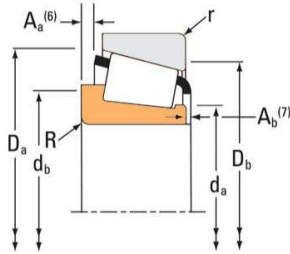
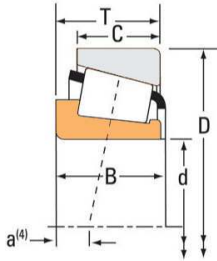




BEARING USA CORP.

TYPE TS



3316A Double Row Angular Contact Ball Bearing 80x170x68.3mm

Bearing No. 19143

19143 Bearing 2D drawings and 3D CAD models

Series	19000
Cone Part Number	19143
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	19800 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	5150 lbf
d	1.4375 in
B - Cone Width	0.6504 in
R - Cone Backface To Clear Radius ³	0.06 in
da - Cone Frontface Backing Diameter	1.63 in
db - Cone Backface Backing Diameter	1.73 in
Ab - Cage-Cone Frontface Clearance	0.09 in
Aa - Cage-Cone Backface Clearance	0.03 in
a - Effective Center Location ⁴	-0.06 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	2960 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	11400 lbf



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C0 - Static Radial Rating	13000 lbf
C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	2250 lbf
K - Factor ⁸	1.31
G1 - Heat Generation Factor (Roller-Raceway)	17.5
G2 - Heat Generation Factor (Rib-Roller End)	11.5
Cg - Geometry Factor	0.0694