



TYPE TS



Timken 358 353D Tapered roller bearing

Bearing No. 358

358 Bearing 2D drawings and 3D CAD models

Series	355
Cone Part Number	358
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	38000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	9840 lbf
d	1.7717 in
B - Cone Width	0.8540 in
R - Cone Backface To Clear Radius ³	0.06 in
da - Cone Frontface Backing Diameter	1.97 in
db - Cone Backface Backing Diameter	2.09 in
Ab - Cage-Cone Frontface Clearance	0.09 in
Aa - Cage-Cone Backface Clearance	0 in
a - Effective Center Location ⁴	-0.19 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	5650 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	21800 lbf
C0 - Static Radial Rating	20000 lbf



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C_{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	2960 lbf
K - Factor ⁸	1.91
G1 - Heat Generation Factor (Roller-Raceway)	30
G2 - Heat Generation Factor (Rib-Roller End)	12.2
Cg - Geometry Factor	0.0732