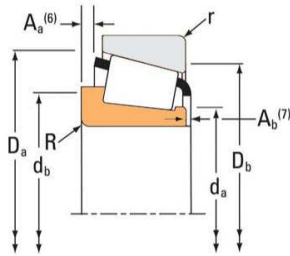




Bearing Rolamentos do Brasil Ltda.

TYPE TS



RE50050 Cross Roller Bearings, RE50050 Bearings SIZE 500x625x50mm

Bearing No. 17580

17580 Bearing 2D drawings and 3D CAD models

Series	17500
Cone Part Number	17580
Design Units	Imperial
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) ¹	12300 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) ²	3190 lbf
d	0.6250 in
B - Cone Width	0.6563 in
R - Cone Backface To Clear Radius ³	0.06 in
da - Cone Frontface Backing Diameter	0.83 in
db - Cone Backface Backing Diameter	0.91 in
Ab - Cage-Cone Frontface Clearance	0.11 in
Aa - Cage-Cone Backface Clearance	-0.01 in
a - Effective Center Location ⁴	-0.23 in
C90 - Dynamic Radial Rating (90 million revolutions) ⁵	1830 lbf
C1 - Dynamic Radial Rating (1 million revolutions) ⁶	7070 lbf



Bearing Rolamentos do Brasil Ltda.

C0 - Static Radial Rating	6560 lbf
C _{a90} - Dynamic Thrust Rating (90 million revolutions) ⁷	1040 lbf
K - Factor ⁸	1.76
G1 - Heat Generation Factor (Roller-Raceway)	5.3
G2 - Heat Generation Factor (Rib-Roller End)	4.53
Cg - Geometry Factor	0.0423