

SKF W 637/4 XR deep groove ball bearings

Our highly-skilled and factory-trained service experts have the resources to help you with all your SKF W 637/4 XR deep groove ball bearings needs – including 3585 Cone Part Number routine maintenance, 3500 Series major repairs, warranty service, and equipment inspections.

Series	3500
Cone Part Number	3585
Cup Part Number	3525-B
Design Units	Imperial
Bearing Weight	3.1 lb
Cage Type	Stamped Steel
d	1.6250 in
D	3.4375 in
D1 – Flange Outer Diameter	3.6215 in
B – Cone Width	1.2160 in
C – Cup Width	0.9375 in
C1 – Cup Flange Width	0.1870 in
T1 – Bearing Width	1.1875 in
T – Bearing Width to Flange	0.4370 in
R – Cone Backface To Clear Radius1	0.06 in
r – Cup Backface To Clear Radius2	0.130 in
da – Cone Frontface Backing Diameter	1.89 in
db – Cone Backface Backing Diameter	1.97 in
Da – Cup Frontface Backing Diameter	3.27 in
Ab – Cage-Cone Frontface Clearance	0.05 in

Aa – Cage-Cone Backface Clearance	0.07 in
a – Effective Center Location ³	-0.4 in
C90 – Dynamic Radial Rating (90 million revolutions) ⁴	6610 lbf
C1 – Dynamic Radial Rating (1 million revolutions) ⁵	25500 lbf
C0 – Static Radial Rating	30100 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) ⁶	3460 lbf
K – Factor ⁷	1.91
e – ISO Factor ⁸	0.31
Y – ISO Factor ⁹	1.96
G1 – Heat Generation Factor (Roller-Raceway) ¹⁰	39.5
G2 – Heat Generation Factor (Rib-Roller End)	10.5
Cg – Geometry Factor ¹¹	0.0808