

SKF FYR 2 1/2 bearing units

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Series	LM48500
Cone Part Number	LM48548
Cup Part Number	LM48510
Design Units	Imperial
Bearing Weight	0.20 Kg
Cage Type	Stamped Steel
d	34.925 mm
D	65.088 mm
B – Cone Width	18.288 mm
C – Cup Width	13.970 mm
B	18.034 mm
R – Cone Backface To Clear Radius ¹	3.560 mm
r – Cup Backface To Clear Radius ²	1.27 mm
da – Cone Frontface Backing Diameter	41.40 mm
db – Cone Backface Backing Diameter	48.01 mm
Da – Cup Frontface Backing Diameter	61.00 mm
Db – Cup Backface Backing Diameter	57.91 mm
Ab – Cage-Cone Frontface Clearance	2 mm
Aa – Cage-Cone Backface Clearance	0.3 mm
a – Effective Center Location ³	-3.6 mm
C90 – Dynamic Radial Rating (90 million revolutions) ⁴	3760 lbf

C1 – Dynamic Radial Rating (1 million revolutions) ⁵	14500 lbf
C0 – Static Radial Rating	14200 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) ⁶	2430 lbf
K – Factor ⁷	1.55
e – ISO Factor ⁸	0.38
Y – ISO Factor ⁹	1.59
G1 – Heat Generation Factor (Roller-Raceway)	18
G2 – Heat Generation Factor (Rib-Roller End)	10.6
Cg – Geometry Factor	0.0666