

ISO SL192312 cylindrical roller bearings

ISO SL192312 cylindrical roller bearings, Units and M249700 Series Housings CAD models , Manufacturing Service . Get Your Free.

Series	M249700
Cone Part Number	M249749H
Cup Part Number	M249710X
Design Units	Imperial
Bearing Weight	21.7 Kg
Cage Type	Stamped Steel
d	254.000 mm
D	358.775 mm
B – Cone Width	71.438 mm
C – Cup Width	53.975 mm
B	71.438 mm
R – Cone Backface To Clear Radius ¹	3.560 mm
r – Cup Backface To Clear Radius ²	3.30 mm
da – Cone Frontface Backing Diameter	272.03 mm
db – Cone Backface Backing Diameter	276.1 mm
Da – Cup Frontface Backing Diameter	343.41 mm
Db – Cup Backface Backing Diameter	335.03 mm
Ab – Cage-Cone Frontface Clearance	4.3 mm
Aa – Cage-Cone Backface Clearance	7.1 mm
a – Effective Center Location ³	-6.9 mm
C90 – Dynamic Radial Rating (90 million revolutions) ⁴	66900 lbf

C1 – Dynamic Radial Rating (1 million revolutions) ⁵	258000 lbf
C0 – Static Radial Rating	416000 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) ⁶	38100 lbf
K – Factor ⁷	1.76
e – ISO Factor ⁸	0.33
Y – ISO Factor ⁹	1.8
G1 – Heat Generation Factor (Roller-Raceway)	1626
G2 – Heat Generation Factor (Rib-Roller End)	173
Cg – Geometry Factor	0.153