

FAG 231SM170-MA spherical roller bearings

YOU'LL H852800 Series H852810 Cup Part Number FIND AN H852849 Cone Part Number EXTENSIVE SELECTION OF FAG 231SM170-MA spherical roller bearings FOR SALE.

Series	H852800
Cone Part Number	H852849
Cup Part Number	H852810
Design Units	Imperial
Bearing Weight	72.40 Kg
Cage Type	Stamped Steel
d	266.7 mm
D	444.5 mm
B – Cone Width	117.475 mm
C – Cup Width	88.900 mm
B	120.650 mm
R – Cone Backface To Clear Radius ¹	6.35 mm
r – Cup Backface To Clear Radius ²	6.35 mm
da – Cone Frontface Backing Diameter	296.93 mm
db – Cone Backface Backing Diameter	314.96 mm
Da – Cup Frontface Backing Diameter	423.93 mm
Db – Cup Backface Backing Diameter	389.89 mm
Ab – Cage-Cone Frontface Clearance	5.6 mm
Aa – Cage-Cone Backface Clearance	18 mm
a – Effective Center Location ³	-0.5 mm
C90 – Dynamic Radial Rating (90 million revolutions) ⁴	106000 lbf

C1 – Dynamic Radial Rating (1 million revolutions) ⁵	410000 lbf
C0 – Static Radial Rating	791000 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) ⁶	105000 lbf
K – Factor ⁷	1.01
e – ISO Factor ⁸	0.58
Y – ISO Factor ⁹	1.04
G1 – Heat Generation Factor (Roller-Raceway)	2250
G2 – Heat Generation Factor (Rib-Roller End)	171
Cg – Geometry Factor	0.204