

FAG HCB7007-C-2RSD-T-P4S angular contact ball bearings

FAG HCB7007-C-2RSD-T-P4S angular contact ball bearings, Units and Housings CAD models 05186 Cup Part Number , 05066 Cone Part Number Manufacturing Service 05000 Series . Get Your Free.

Series	05000
Cone Part Number	05066
Cup Part Number	05186
Design Units	Imperial
Bearing Weight	0.10 Kg
Cage Type	Stamped Steel
d	16.993 mm
D	46.990 mm
B – Cone Width	14.381 mm
C – Cup Width	11.999 mm
B	15.250 mm
R – Cone Backface To Clear Radius ¹	1.520 mm
r – Cup Backface To Clear Radius ²	1.52 mm
da – Cone Frontface Backing Diameter	22.10 mm
db – Cone Backface Backing Diameter	24.38 mm
Da – Cup Frontface Backing Diameter	42.93 mm
Db – Cup Backface Backing Diameter	40.39 mm
Ab – Cage-Cone Frontface Clearance	1.8 mm
Aa – Cage-Cone Backface Clearance	-0.3 mm
a – Effective Center Location ³	-4.1 mm

C90 – Dynamic Radial Rating (90 million revolutions) ⁴	1560 lbf
C1 – Dynamic Radial Rating (1 million revolutions) ⁵	6010 lbf
C0 – Static Radial Rating	5720 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) ⁶	952 lbf
K – Factor ⁷	1.64
e – ISO Factor ⁸	0.36
Y – ISO Factor ⁹	1.68
G1 – Heat Generation Factor (Roller-Raceway)	5.8
G2 – Heat Generation Factor (Rib-Roller End)	5.5
Cg – Geometry Factor	0.0448