

# SKF 7007 CE/HCP4A angular contact ball bearings

What is SKF 7007 CE/HCP4A angular contact ball bearings in mechanical engineering? Manufacturing Service . Upload your X33017 Cone Part Number CAD 33017 Series file Y33017 Cup Part Number for an instant.

Series	33017
Cone Part Number	X33017
Cup Part Number	Y33017
Design Units	METRIC
Bearing Weight	1.7 Kg
Cage Type	Stamped Steel
d	85 mm
D	130.000 mm
B – Cone Width	36 mm
C – Cup Width	29.5 mm
B	36 mm
R – Cone Backface To Clear Radius <sup>1</sup>	1.520 mm
r – Cup Backface To Clear Radius <sup>2</sup>	1.52 mm
da – Cone Frontface Backing Diameter	92.96 mm
db – Cone Backface Backing Diameter	96.01 mm
Da – Cup Frontface Backing Diameter	125.00 mm
Db – Cup Backface Backing Diameter	119.89 mm
Ab – Cage-Cone Frontface Clearance	3.3 mm
Aa – Cage-Cone Backface Clearance	1 mm
a – Effective Center Location <sup>3</sup>	-9.4 mm

C90 – Dynamic Radial Rating (90 million revolutions) <sup>4</sup>	57100 N
C1 – Dynamic Radial Rating (1 million revolutions) <sup>5</sup>	220000 N
C0 – Static Radial Rating	343000 N
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	28500 N
K – Factor <sup>7</sup>	2
e – ISO Factor <sup>8</sup>	0.29
Y – ISO Factor <sup>9</sup>	2.06
G1 – Heat Generation Factor (Roller-Raceway)	157.9
G2 – Heat Generation Factor (Rib-Roller End)	55.6
Cg – Geometry Factor	0.0865