

# FAG 22311-E1-K + H2311 spherical roller bearings

How do you find the FAG 22311-E1-K + H2311 spherical roller bearings specification? Manufacturers Online HM237500 Series HM237547 Cone Part Number Free check☐

Series	HM237500
Cone Part Number	HM237547
Cup Part Number	HM237510
Design Units	Imperial
Bearing Weight	15.2 Kg
Cage Type	Stamped Steel
d	180 mm
D	288.925 mm
B – Cone Width	68.263 mm
C – Cup Width	47.625 mm
B	63.505 mm
R – Cone Backface To Clear Radius <sup>1</sup>	7.110 mm
r – Cup Backface To Clear Radius <sup>2</sup>	3.30 mm
da – Cone Frontface Backing Diameter	195.07 mm
db – Cone Backface Backing Diameter	205.99 mm
Da – Cup Frontface Backing Diameter	271.30 mm
Db – Cup Backface Backing Diameter	265.94 mm
Ab – Cage-Cone Frontface Clearance	3 mm
Aa – Cage-Cone Backface Clearance	4.6 mm
a – Effective Center Location <sup>3</sup>	-11.7 mm
C90 – Dynamic Radial Rating (90 million revolutions) <sup>4</sup>	48800 lbf

C1 – Dynamic Radial Rating (1 million revolutions) <sup>5</sup>	188000 lbf
C0 – Static Radial Rating	254000 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	26600 lbf
K – Factor <sup>7</sup>	1.83
e – ISO Factor <sup>8</sup>	0.32
Y – ISO Factor <sup>9</sup>	1.88
G1 – Heat Generation Factor (Roller-Raceway)	704.9
G2 – Heat Generation Factor (Rib-Roller End)	95.5
Cg – Geometry Factor	0.114