

# FAG 22340-K-MB spherical roller bearings

LET OUR FAG 22340-K-MB spherical roller bearings EXPERTS GET YOU THE PARTS YOU NEED. 736000 Series

Series	736000
Cone Part Number	EE736160
Cup Part Number	736238
Design Units	Imperial
Bearing Weight	81.100 Kg
Cage Type	Pin-Type
d	406.400 mm
D	609.524 mm
B – Cone Width	79.375 mm
C – Cup Width	60.325 mm
B	82.550 mm
R – Cone Backface To Clear Radius <sup>1</sup>	7.870 mm
r – Cup Backface To Clear Radius <sup>2</sup>	6.35 mm
da – Cone Frontface Backing Diameter	436.88 mm
db – Cone Backface Backing Diameter	449.07 mm
Da – Cup Frontface Backing Diameter	576.10 mm
Db – Cup Backface Backing Diameter	569.98 mm
Ab – Cage-Cone Frontface Clearance	8.1 mm
Aa – Cage-Cone Backface Clearance	7.4 mm
a – Effective Center Location <sup>3</sup>	13.5 mm
C90 – Dynamic Radial Rating (90 million revolutions) <sup>4</sup>	100000 lbf

C1 – Dynamic Radial Rating (1 million revolutions) <sup>5</sup>	387000 lbf
C0 – Static Radial Rating	769000 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	59600 lbf
K – Factor <sup>7</sup>	1.68
e – ISO Factor <sup>8</sup>	0.35
Y – ISO Factor <sup>9</sup>	1.73
G1 – Heat Generation Factor (Roller-Raceway)	4176.8
G2 – Heat Generation Factor (Rib-Roller End)	536.6
Cg – Geometry Factor	0.21