

# ISO L730649/10 tapered roller bearings

ISO L730649/10 tapered roller bearings Needs Analysis , Manufacturing XA30220M Cone Part Number Service . 30220M Series Get Your Free.

Series	30220M
Cone Part Number	XA30220M
Design Units	METRIC
Cage Type	Stamped Steel
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	140000 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	36200 lbf
d	100 mm
B – Cone Width	34.000 mm
WPD	166 mm
DD	152.3 mm
R – Cone Backface To Clear Radius <sup>3</sup>	3.050 mm
da – Cone Frontface Backing Diameter	115 mm
db – Cone Backface Backing Diameter	119 mm
Ab – Cage-Cone Frontface Clearance	6.1 mm
Aa – Cage-Cone Backface Clearance	2.5 mm
a – Effective Center Location <sup>4</sup>	-0.8 mm
C90 – Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	92400 N
C1 – Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	357000 N
C0 – Static Radial Rating	375000 N

Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	66500 N
K – Factor <sup>8</sup>	1.39
G1 – Heat Generation Factor (Roller-Raceway)	167.4
G2 – Heat Generation Factor (Rib-Roller End)	51.9
Cg – Geometry Factor	0.0927