

# Timken 65BIC298 deep groove ball bearings

Various types and sizes to accommodate your Timken 65BIC298 deep groove ball bearings JP17000C Series requirements.

Series	JP17000C
Cone Part Number	KJP17049
Design Units	METRIC
Cage Type	Stamped Steel
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	98800 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	25600 lbf
d	170 mm
B – Cone Width	30.000 mm
WPD	221.7 mm
DD	209.4 mm
R – Cone Backface To Clear Radius <sup>3</sup>	3.050 mm
da – Cone Frontface Backing Diameter	179 mm
db – Cone Backface Backing Diameter	184 mm
Ab – Cage-Cone Frontface Clearance	4.8 mm
Aa – Cage-Cone Backface Clearance	2.8 mm
a – Effective Center Location <sup>4</sup>	13 mm
C90 – Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	65400 N
C1 – Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	252000 N
C0 – Static Radial Rating	436000 N

Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	51700 N
K – Factor <sup>8</sup>	1.27
G1 – Heat Generation Factor (Roller-Raceway)	361.9
G2 – Heat Generation Factor (Rib-Roller End)	156.4
Cg – Geometry Factor	0.123