

# Timken 28990/28921D tapered roller bearings

We work closely with our Timken 28990/28921D tapered roller bearings manufacturing partners to bring X32008XMSA Cone Part Number the best value to customers. 32008XM Series

Series	32008XM
Cone Part Number	X32008XMSA
Cup Part Number	Y32008XM
Design Units	METRIC
Bearing Weight	0.30 Kg
Cage Type	Stamped Steel
d	40 mm
D	68.000 mm
B – Cone Width	19.000 mm
C – Cup Width	14.500 mm
B	19.000 mm
R – Cone Backface To Clear Radius <sup>1</sup>	1.020 mm
r – Cup Backface To Clear Radius <sup>2</sup>	1.02 mm
da – Cone Frontface Backing Diameter	45.47 mm
db – Cone Backface Backing Diameter	46.99 mm
Da – Cup Frontface Backing Diameter	66.00 mm
Db – Cup Backface Backing Diameter	60.96 mm
Ab – Cage-Cone Frontface Clearance	2.3 mm
Aa – Cage-Cone Backface Clearance	0.5 mm
a – Effective Center Location <sup>3</sup>	-3.8 mm
C90 – Dynamic Radial Rating (90 million revolutions) <sup>4</sup>	14400 N

C1 – Dynamic Radial Rating (1 million revolutions) <sup>5</sup>	55500 N
C0 – Static Radial Rating	71600 N
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	9330 N
K – Factor <sup>7</sup>	1.54
e – ISO Factor <sup>8</sup>	0.38
Y – ISO Factor <sup>9</sup>	1.58
G1 – Heat Generation Factor (Roller-Raceway)	23.8
G2 – Heat Generation Factor (Rib-Roller End)	16.1
Cg – Geometry Factor	0.0732