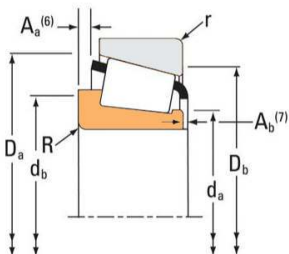
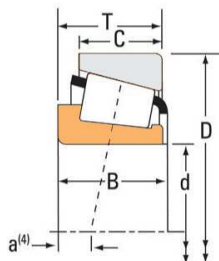




# QM INDUSTRIES BEARING LIMITED

## TYPE TS



## TIMKEN JHM720249 FRANCE Bearing

Bearing No. JHM720249

Series	HM720200
Cone Part Number	JHM720249
Design Units	METRIC
Cage Type	Stamped Steel
C1 - Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	130000 lbf
C90(2) - Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	33600 lbf
d	100 mm
B - Cone Width	40.000 mm
WPD	152.9 mm
DD	134.2 mm
R - Cone Backface To Clear Radius <sup>3</sup>	3.050 mm
da - Cone Frontface Backing Diameter	109.4 mm
db - Cone Backface Backing Diameter	117 mm
Ab - Cage-Cone Frontface Clearance	4.3 mm
Aa - Cage-Cone Backface Clearance	2.8 mm
a - Effective Center Location <sup>4</sup>	-2.5 mm
C90 - Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	85800 N
C1 - Dynamic Radial Rating	331000 N

JHM720249 Bearing 2D drawings and 3D CAD models



## QM INDUSTRIES BEARING LIMITED

(1 million revolutions) <sup>6</sup>	
C0 - Static Radial Rating	416000 N
C <sub>a90</sub> - Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	69100 N
K - Factor <sup>8</sup>	1.24
G1 - Heat Generation Factor (Roller-Raceway)	187.7
G2 - Heat Generation Factor (Rib-Roller End)	45.3
C <sub>g</sub> - Geometry Factor	0.107