

# KOYO BT1516 needle roller bearings

Request A Quote For Your Special KOYO BT1516 needle roller bearings Needs M736100 Series Today! Free Quotes. ISO JM736149 Cone Part Number 9001 certified.

Series	M736100
Cone Part Number	JM736149
Cup Part Number	JM736110
Design Units	METRIC
Bearing Weight	6.7 Kg
Cage Type	Stamped Steel
d	180 mm
D	250 mm
B – Cone Width	45 mm
C – Cup Width	37.000 mm
B	47.000 mm
R – Cone Backface To Clear Radius <sup>1</sup>	3.050 mm
r – Cup Backface To Clear Radius <sup>2</sup>	2.54 mm
da – Cone Frontface Backing Diameter	190.5 mm
db – Cone Backface Backing Diameter	196.09 mm
Da – Cup Frontface Backing Diameter	243.08 mm
Db – Cup Backface Backing Diameter	231.90 mm
Ab – Cage-Cone Frontface Clearance	4.8 mm
Aa – Cage-Cone Backface Clearance	2.8 mm
a – Effective Center Location <sup>3</sup>	8.9 mm
C90 – Dynamic Radial Rating (90 million revolutions) <sup>4</sup>	106000 N

C1 – Dynamic Radial Rating (1 million revolutions) <sup>5</sup>	409000 N
C0 – Static Radial Rating	786000 N
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	87200 N
K – Factor <sup>7</sup>	1.22
e – ISO Factor <sup>8</sup>	0.48
Y – ISO Factor <sup>9</sup>	1.25
G1 – Heat Generation Factor (Roller-Raceway)	589
G2 – Heat Generation Factor (Rib-Roller End)	128
Cg – Geometry Factor	0.123