

# KOYO ML1003 deep groove ball bearings

KOYO ML1003 deep groove ball bearings Engineering Calculator ,  
TIMKEN Manufacturer Name N/A Minimum Buy Quantity  
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Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	5.3
EAN	0087796026506
Product Group	B04311
Design Unit	METRIC
Bearing Weight	5.4 Kg
Cage Type	EM
UPC Code	087796026506
Cage Material	Brass
Superseded Part	22315YMW33W800C4
d – Bore	75 mm
D – Outer Diameter	159.993 mm
B – Inner Ring Width	55 mm
B – Outer Ring Width	55.000 mm
R – Inner Ring To Clear Radius1	2.0 mm
r – Outer Ring To Clear Radius2	2.0 mm
da – Inner Ring Backing Diameter	97.000 mm
Da – Outer Ring Backing Diameter	144.000 mm
C0 – Static Radial Rating	478000 N
C1(2) – Dynamic Radial Rating (Two-Rows)	450000 N

e – ISO Factor <sup>3</sup>	0.33
Y <sub>0</sub> – ISO Factor <sup>4</sup>	2.04
Y <sub>1</sub> – ISO Factor <sup>5</sup>	3.04
Y <sub>2</sub> – ISO Factor <sup>6</sup>	2
Reference Thermal Speed Rating (Grease)	3400
Reference Thermal Speed Rating (Oil) <sup>7</sup>	4000
C <sub>g</sub> – Geometry Factor <sup>8</sup>	0.0614