

# KOYO KBX180 angular contact ball bearings

Online KOYO KBX180 angular contact ball bearings 33012M Series Expert.More Choices. KOYO KBX180 angular contact ball bearings in Stock & Ready to Ship Now!

Series	33012M
Cone Part Number	X33012M
Cup Part Number	Y33012M
Design Units	METRIC
Bearing Weight	0.70 Kg
Cage Type	Stamped Steel
d	60.000 mm
D	95.000 mm
B – Cone Width	27.000 mm
C – Cup Width	21.000 mm
B	27.000 mm
R – Cone Backface To Clear Radius <sup>1</sup>	1.520 mm
r – Cup Backface To Clear Radius <sup>2</sup>	1.52 mm
da – Cone Frontface Backing Diameter	66.04 mm
db – Cone Backface Backing Diameter	69.09 mm
Da – Cup Frontface Backing Diameter	91.90 mm
Db – Cup Backface Backing Diameter	86.11 mm
Ab – Cage-Cone Frontface Clearance	2.5 mm
Aa – Cage-Cone Backface Clearance	1.8 mm
a – Effective Center Location <sup>3</sup>	-7.1 mm
C90 – Dynamic Radial Rating (90 million revolutions) <sup>4</sup>	31500 N

C1 – Dynamic Radial Rating (1 million revolutions) <sup>5</sup>	122000 N
C0 – Static Radial Rating	150000 N
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	17700 N
K – Factor <sup>7</sup>	1.78
e – ISO Factor <sup>8</sup>	0.33
Y – ISO Factor <sup>9</sup>	1.83
G1 – Heat Generation Factor (Roller-Raceway)	63
G2 – Heat Generation Factor (Rib-Roller End)	31.1
Cg – Geometry Factor	0.0964