

# Loyal 23074101 bearing

Loyal 23074101 bearing with easy-to-use parts graphics, giving 32305 Series you METRIC Design Units the ability to check parts availability, pricing, examine remanufactured options.

Series	32305
Cone Part Number	X32305
Design Units	METRIC
Cage Type	Stamped Steel
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	28300 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	7350 lbf
d	25.000 mm
B – Cone Width	24.000 mm
WPD	56.1 mm
DD	49.5 mm
R – Cone Backface To Clear Radius <sup>3</sup>	1.520 mm
da – Cone Frontface Backing Diameter	31.5 mm
db – Cone Backface Backing Diameter	35 mm
Ab – Cage-Cone Frontface Clearance	3 mm
Aa – Cage-Cone Backface Clearance	1.5 mm
a – Effective Center Location <sup>4</sup>	-9.7 mm
C90 – Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	18800 N
C1 – Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	72400 N
C0 – Static Radial Rating	72400 N

Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	9640 N
K – Factor <sup>8</sup>	1.95
G1 – Heat Generation Factor (Roller-Raceway)	15.1
G2 – Heat Generation Factor (Rib-Roller End)	7.2
Cg – Geometry Factor	0.058