

# SIGMA GAZ 010 SA plain bearings

SIGMA GAZ 010 SA plain bearings with METRIC Design Units easy-to-use parts graphics, giving you the ability to X33114 Cone Part Number check parts availability, pricing, examine remanufactured 33114 Series options.

Series	33114
Cone Part Number	X33114
Design Units	METRIC
Cage Type	Stamped Steel
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	91900 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	23800 lbf
d	70 mm
B – Cone Width	37.000 mm
WPD	114 mm
DD	100.4 mm
R – Cone Backface To Clear Radius <sup>3</sup>	2.030 mm
da – Cone Frontface Backing Diameter	79 mm
db – Cone Backface Backing Diameter	85 mm
Ab – Cage-Cone Frontface Clearance	3 mm
Aa – Cage-Cone Backface Clearance	2.3 mm
a – Effective Center Location <sup>4</sup>	-8.6 mm
C90 – Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	60800 N
C1 – Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	235000 N

C0 – Static Radial Rating	270000 N
Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	39400 N
K – Factor <sup>8</sup>	1.54
G1 – Heat Generation Factor (Roller-Raceway)	99.5
G2 – Heat Generation Factor (Rib-Roller End)	31.6
Cg – Geometry Factor	0.0809