

# ISO GE 060 XES plain bearings

ISO GE 060 XES plain bearings Needs Analysis , Manufacturing Service . LM104900 Series Get Your Free.

Series	LM104900
Cone Part Number	JLM104946
Cup Part Number	JLM104914
Design Units	METRIC
Bearing Weight	0.5 Kg
Cage Type	Stamped Steel
d	50.000 mm
D	88.000 mm
B – Cone Width	23.993 mm
C – Cup Width	17.000 mm
B	21.500 mm
R – Cone Backface To Clear Radius <sup>1</sup>	3.560 mm
r – Cup Backface To Clear Radius <sup>2</sup>	0.76 mm
da – Cone Frontface Backing Diameter	55.12 mm
db – Cone Backface Backing Diameter	60.96 mm
Da – Cup Frontface Backing Diameter	82.00 mm
Db – Cup Backface Backing Diameter	77.98 mm
Ab – Cage-Cone Frontface Clearance	0.3 mm
Aa – Cage-Cone Backface Clearance	0.3 mm
a – Effective Center Location <sup>3</sup>	-5.3 mm
C <sub>90</sub> – Dynamic Radial Rating (90 million revolutions) <sup>4</sup>	25000 N
C <sub>1</sub> – Dynamic Radial Rating (1 million revolutions) <sup>5</sup>	96300 N
C <sub>0</sub> – Static Radial Rating	104000 N

Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>6</sup>	13000 N
K – Factor <sup>7</sup>	1.91
e – ISO Factor <sup>8</sup>	0.31
Y – ISO Factor <sup>9</sup>	1.97
G1 – Heat Generation Factor (Roller-Raceway)	38.8
G2 – Heat Generation Factor (Rib-Roller End)	19.3
Cg – Geometry Factor	0.0801