

LS GAC130S plain bearings

What is LS GAC130S plain bearings in mechanical engineering?
HM252310 Cup Part Number Manufacturing Service . Upload your
CAD file for an instant. HM252300 Series

Series	HM252300
Cone Part Number	HM252344
Cup Part Number	HM252310
Design Units	Imperial
Bearing Weight	44.30 Kg
Cage Type	Pin-Type
d	254.000 mm
D	422.275 mm
B – Cone Width	79.771 mm
C – Cup Width	66.675 mm
B	86.121 mm
R – Cone Backface To Clear Radius ¹	6.860 mm
r – Cup Backface To Clear Radius ²	3.30 mm
da – Cone Frontface Backing Diameter	280.92 mm
db – Cone Backface Backing Diameter	287.02 mm
Da – Cup Frontface Backing Diameter	401.07 mm
Db – Cup Backface Backing Diameter	391.92 mm
Ab – Cage-Cone Frontface Clearance	7.4 mm
Aa – Cage-Cone Backface Clearance	8.9 mm
a – Effective Center Location ³	-9.4 mm
C90 – Dynamic Radial Rating (90 million revolutions) ⁴	90100 lbf
C1 – Dynamic Radial Rating (1 million revolutions) ⁵	348000 lbf

C0 – Static Radial Rating	475000 lbf
Ca90 – Dynamic Thrust Rating (90 million revolutions) ⁶	51300 lbf
K – Factor ⁷	1.76
e – ISO Factor ⁸	0.33
Y – ISO Factor ⁹	1.8
G1 – Heat Generation Factor (Roller-Raceway)	1550
G2 – Heat Generation Factor (Rib-Roller End)	152
Cg – Geometry Factor	0.15