



The Timken Company

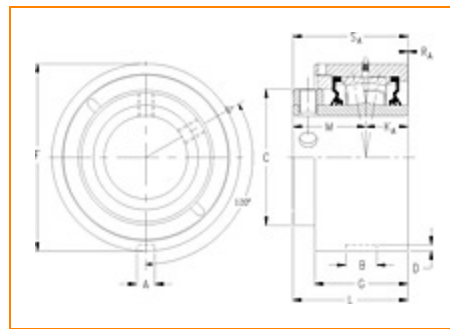
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Part Number QAMC13A060S, Single Concentric Cartridge Block



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Specifications

Engineering Group	Mounted Bearing
Bearing Number	22213
Shaft Size	60 mm
Shaft Size Type	Metric
Full Timken Part Number	QAMC13A060SB QAMC13A060SC QAMC13A060SEB QAMC13A060SEC QAMC13A060SEM QAMC13A060SEN QAMC13A060SEO QAMC13A060SET QAMC13A060SM QAMC13A060SN QAMC13A060SO QAMC13A060ST



Locking Style	Single Concentric
Housing Construction	Cartridge
UPC Code	0883450302982 0883450302999 0883450303002 0883450303019 0883450303026 0883450303033 0883450303040 0883450303057 0883450303064 0883450303071 0883450303088 0883450303095

Dimensions

Dimension A	0.53 in 13.5 mm
Dimension B	0.91 in 23.1 mm
Dimension C	3.81 in 96.8 mm
Dimension D	0.19 in 4.8 mm
Dimension F	5 in 127 mm
Dimension G	2.73 in 69.3 mm
Dimension KA	1.24 in 31.5 mm
Dimension L Exp	3.46 in 87.9 mm

Dimension L Fix	3.38 in 85.9 mm
Dimension M	2.15 in 54.6 mm
Dimension RA	0 in 0 mm
Dimension SA	3.39 in 86.1 mm

Radial and Thrust Factors

C0 - Static Load	48600 lbf 216000 N
C - Dynamic Load (Basic)	46400 lbf 206000 N
e - Geometry Factor	0.24
Y1 - Geometry Factor	2.79
Y2 - Geometry Factor	4.15

Engineering Seal Speed

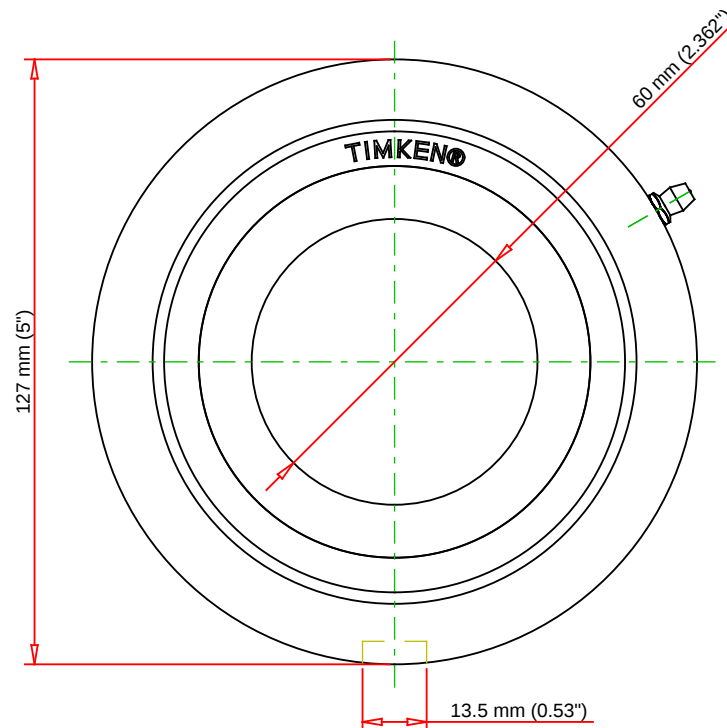
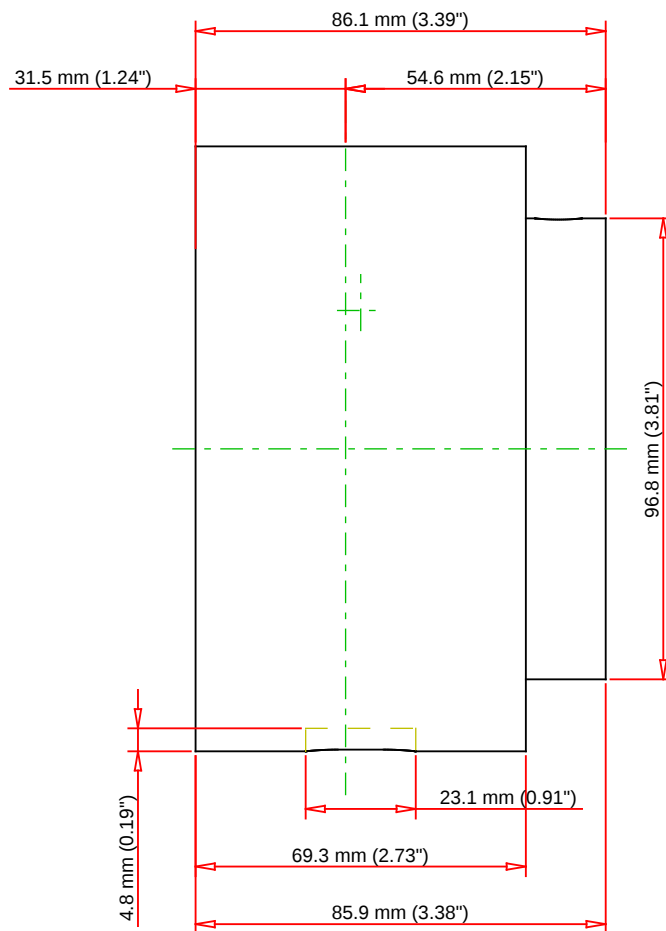
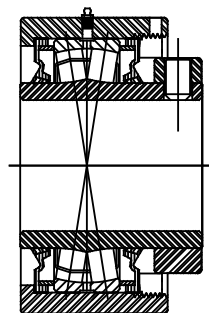
Oil Lubrication - M/N Seal	1800 rpm
Oil Lubrication - T Seal	3200 rpm
Oil Lubrication - B/C/O Seal	1500 rpm
Grease Lubrication - M/N Seal	1800 rpm
Grease Lubrication - T Seal	2800 rpm
Grease Lubrication - B/C/O Seal	1500 rpm

Engineering Bearing Attributes

Float	0.083 in 2.108 mm
Shaft Tolerance	0.0015 in 0.038 mm

Engineering Internal Radial Clearance

Eng Internal Radial Clearance - Min	0.0016
Eng Internal Radial Clearance - Max	0.0026
Pre Install Clearance Min	0.0016 in 0.040 mm
Pre Install Clearance Max	0.0026 in 0.065 mm



Note: Section View not to Scale

C - Dynamic Load	46400	lbf	206000	N
C0 - Static Load	48600	lbf	216000	N
Weight	12	lb	5.4	kg
Max. Speed T-Seals & Grease	2800	rpm		
Rad. Clearance - Max.	0.0026			

TIMKEN®

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

QAMC13A060S
Single Concentric Cartridge Block

Every reasonable effort has been made to ensure the accuracy of the information contained in this writing, but no liability is accepted for errors, omissions or for any other reason.

FOR DISCUSSION ONLY