



The Timken Company

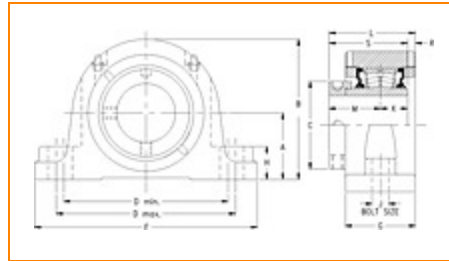
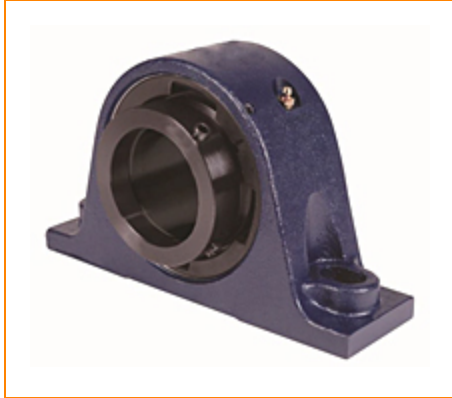
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Part Number QMSN09J040S, Eccentric Two-Bolt Pillow Block



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Specifications

Engineering Group Mounted Bearing

Bearing Number 22209

Shaft Size 40 mm

Shaft Size Type Metric

Full Timken Part Number

- QMSN09J040SB
- QMSN09J040SC
- QMSN09J040SEB
- QMSN09J040SEC
- QMSN09J040SEM
- QMSN09J040SEN
- QMSN09J040SEO
- QMSN09J040SET
- QMSN09J040SM
- QMSN09J040SN
- QMSN09J040SO
- QMSN09J040ST

Locking Style	Eccentric
Weight	10.5 Kg 23 lb
Housing Construction	Two-Bolt Pillow Block
UPC Code	0883450096027 0883450096034 0883450096058 0883450096065 0883450096072 0883450096089 0883450096096 0883450096102 0883450160803 0883450161169 0883450253468 0883450253857

Dimensions

Dimension A	2.36 in 60 mm
Dimension B	4.37 in 111.0 mm
Dimension C	2.64 in 67.0 mm
Dimension D Min	6.26 in 159 mm
Dimension D Max	6.89 in 175 mm
Dimension F	8.07 in 205 mm
Dimension G	2.440 in 62.00 mm
Dimension H	1.38 in 35 mm

Dimension J (Bolt Size)	0.5 in 12 mm
Dimension K	0.98 in 25 mm
Dimension L	3.11 in 79.0 mm
Dimension M	1.89 in 48 mm
Dimension R	0.24 in 6.0 mm
Dimension S	2.87 in 73.00 mm

Radial and Thrust Factors

C0 - Static Load	108 kN 24200 lb
C - Dynamic Load (Basic)	109 kN 24500 lb
e - Geometry Factor	0.26
Y1 - Geometry Factor	2.64
Y2 - Geometry Factor	3.93

Engineering Seal Speed

Oil Lubrication - M/N Seal	2700 rpm
Oil Lubrication - T Seal	4500 rpm
Oil Lubrication - B/C/O Seal	1950 rpm
Grease Lubrication - M/N Seal	2700 rpm
Grease Lubrication - T Seal	4000 rpm

Grease Lubrication - B/C/O Seal 1950 rpm

Engineering Bearing Attributes

Float 0.050 in
1.270 mm

Shaft Tolerance 0.0015 in
0.038 mm

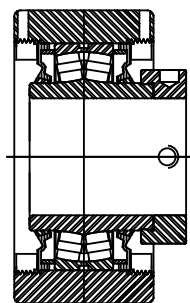
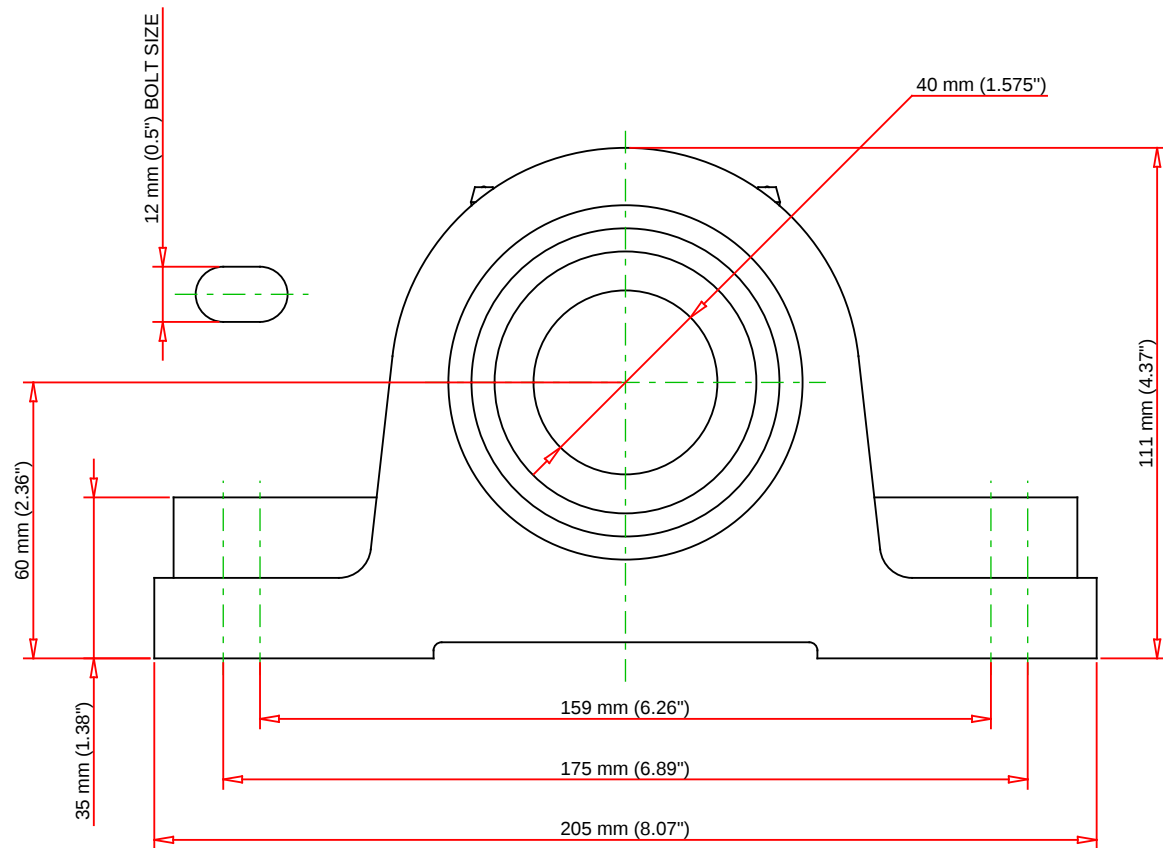
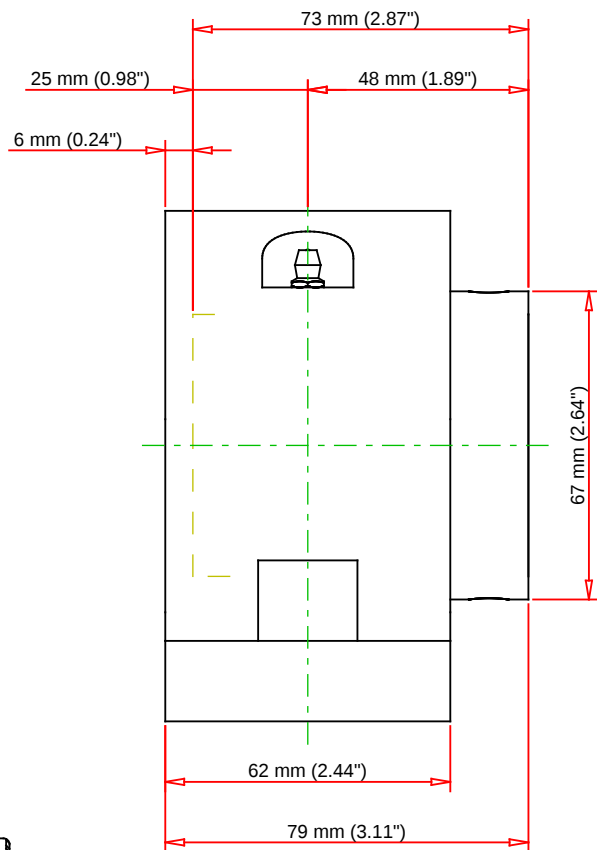
Engineering Internal Radial Clearance

Eng Internal Radial Clearance - Min 0.0014

Eng Internal Radial Clearance - Max 0.0022

Pre Install Clearance Min 0.0014 in
0.035 mm

Pre Install Clearance Max 0.0022 in
0.055 mm



Note: Section View not to Scale

C - Dynamic Load	24500	lb	109	kN
C0 - Static Load	24200	lb	108	kN
Weight	23	lb	10.5	kg
Max. Speed T-Seals & Grease	4000	rpm		
Rad. Clearance - Max.	0.0022			

TIMKEN

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NORTH CANTON, OHIO USA

QMSN09J040S
Eccentric Two-Bolt Pillow 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