


The Timken Company

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Part Number QAC13A065S, Single Concentric Piloted Flange Cartridge



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Specifications

Engineering Group	Mounted Bearing
Bearing Number	22213
Shaft Size	65 mm
Shaft Size Type	Metric
Full Timken Part Number	QAC13A065SB QAC13A065SC QAC13A065SEB QAC13A065SEC QAC13A065SEM QAC13A065SEN QAC13A065SEO QAC13A065SET QAC13A065SM QAC13A065SMFG QAC13A065SMNP QAC13A065SN QAC13A065SO



QAC13A065ST

Locking Style Single Concentric

Housing Construction Piloted Flange Cartridge

UPC Code

0883450035101
 0883450035118
 0883450035132
 0883450035149
 0883450035156
 0883450035163
 0883450035170
 0883450035187
 0883450193207
 0883450193368
 0883450270397
 0883450270557
 0883450434317
 0883450952972

Dimensions

Dimension BC 6-1/2 in
165.1 mm

Dimension B Exp 2.48 in
63 mm

Dimension B Fix 2.36 in
59.9 mm

Dimension C 3.8 in
96.5 mm

Dimension D 5.5 in
139.7 mm

Dimension E 4.6 in
116.8 mm

Dimension F 7.63 in
193.8 mm

Dimension G	5.5 in 139.7 mm
Dimension H	0.69 in 17.5 mm
Dimension J (Bolt Size)	0.5 in 12 mm
Dimension KA	1.24 in 31.5 mm
Dimension L Exp	3.57 in 90.7 mm
Dimension L Fix	3.49 in 88.6 mm
Dimension M	2.15 in 54.6 mm
Dimension N	1.13 in 28.7 mm
Dimension RA	0.1 in 2.5 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

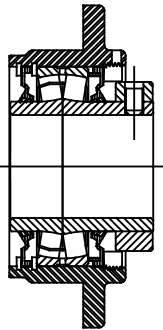
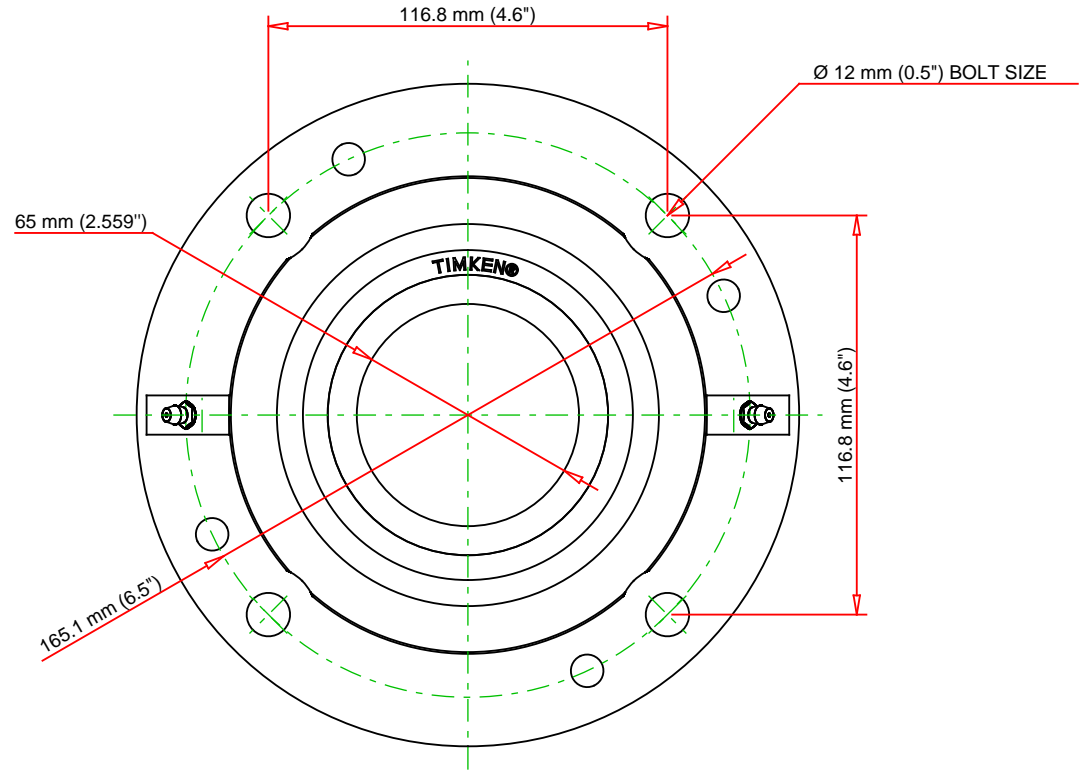
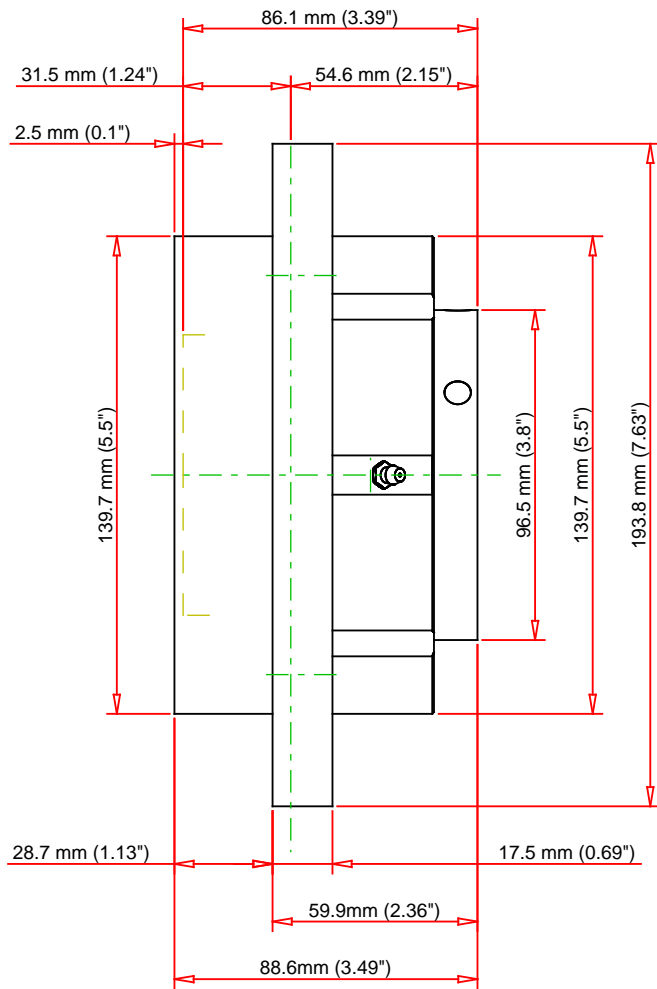
Oil Lubrication - M/N Seal	1800 rpm
Oil Lubrication - T Seal	3200 rpm
Oil Lubrication - B/C/O Seal	1500 rpm
Grease Lubrication - M/N Seal	1800 rpm
Grease Lubrication - T Seal	2800 rpm
Grease Lubrication - B/C/O Seal	1500 rpm

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	16	lb	7.3	kg
Max. Speed T-Seals & Grease	2800	rpm		
Rad. Clearance - Max.	0.0026			

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NORTH CANTON, OHIO USA

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Cartridge

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.

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