


The Timken Company

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Part Number QAC15A075S, Single Concentric Piloted Flange Cartridge



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Specifications

Engineering Group	Mounted Bearing
Bearing Number	22215
Shaft Size	75 mm
Shaft Size Type	Metric
Full Timken Part Number	QAC15A075SB QAC15A075SC QAC15A075SEB QAC15A075SEC QAC15A075SEM QAC15A075SEN QAC15A075SEO QAC15A075SET QAC15A075SM QAC15A075SN QAC15A075SO QAC15A075ST



Locking Style	Single Concentric
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Housing Construction	Piloted Flange Cartridge
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UPC Code	0883450035408
	0883450035415
	0883450035439
	0883450035446
	0883450035453
	0883450035460
	0883450035477
	0883450035484
	0883450193238
	0883450193399
0883450270427	
0883450270588	

Dimensions

Dimension BC	7-1/2 in 190.5 mm
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Dimension B Exp	2.7 in 68.6 mm
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Dimension B Fix	2.61 in 66.3 mm
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Dimension C	4.29 in 109 mm
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Dimension D	6.38 in 162.1 mm
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Dimension E	5.3 in 134.6 mm
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Dimension F	8-3/4 in 222.3 mm
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Dimension G	6.375 in 161.9 mm
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Dimension H	0.81 in 20.6 mm
Dimension J (Bolt Size)	0.625 in 16 mm
Dimension KA	1.25 in 31.8 mm
Dimension L Exp	3.95 in 100.3 mm
Dimension L Fix	3.86 in 98 mm
Dimension M	2.37 in 60.2 mm
Dimension N	1.25 in 31.8 mm
Dimension RA	0.24 in 6.1 mm
Dimension SA	3.62 in 91.9 mm

Radial and Thrust Factors

C0 - Static Load	54100 lbf 240000 N
C - Dynamic Load (Basic)	49900 lbf 222000 N
e - Geometry Factor	0.22
Y1 - Geometry Factor	3.14
Y2 - Geometry Factor	4.67

Engineering Seal Speed

Oil Lubrication - M/N Seal	1600 rpm
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Oil Lubrication - T Seal	2900 rpm
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Oil Lubrication - B/C/O Seal	1300 rpm
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Grease Lubrication - M/N Seal	1600 rpm
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Grease Lubrication - T Seal	2400 rpm
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Grease Lubrication - B/C/O Seal	1300 rpm
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Engineering Bearing Attributes

Float	0.083 in 2.108 mm
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Shaft Tolerance	0.0020 in 0.051 mm
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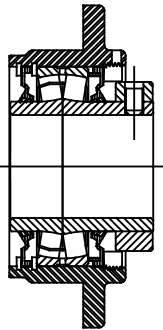
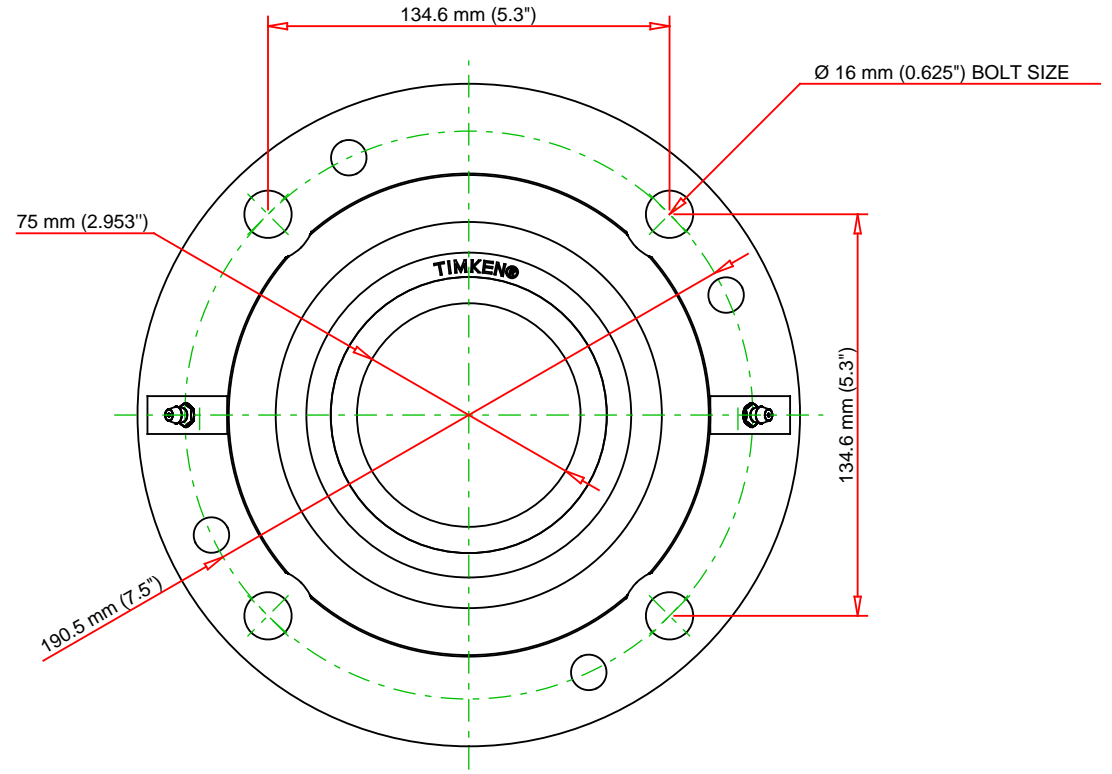
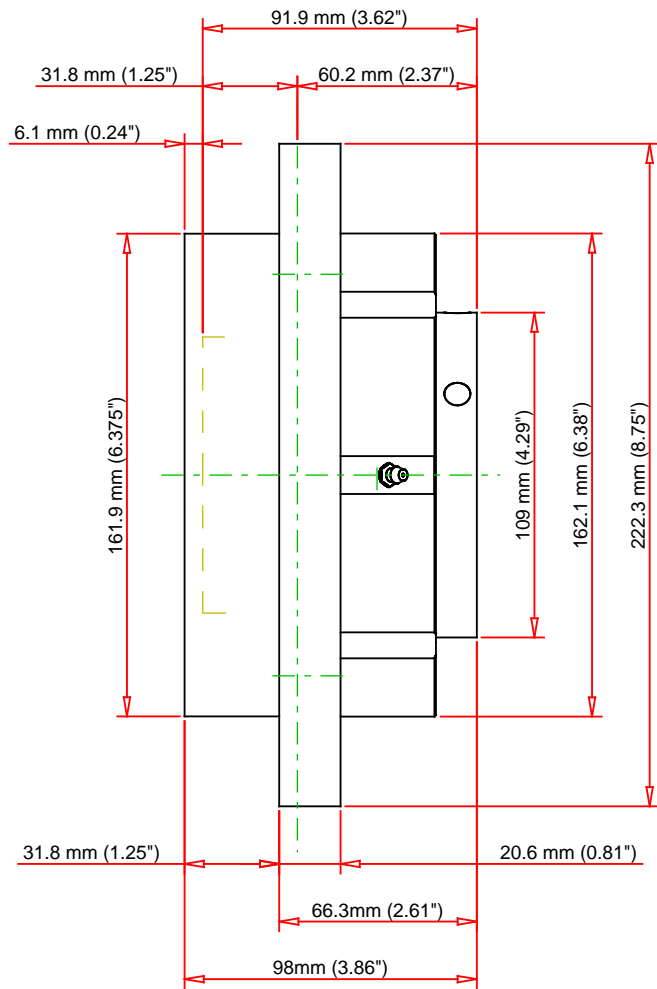
Engineering Internal Radial Clearance

Eng Internal Radial Clearance - Min	0.0020
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Eng Internal Radial Clearance - Max	0.0031
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Pre Install Clearance Min	0.0020 in 0.050 mm
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Pre Install Clearance Max	0.0031 in 0.080 mm
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Note: Section View not to Scale

C - Dynamic Load	49900	lbf	222000	N
C0 - Static Load	54100	lbf	240000	N
Weight	22	lb	10	kg
Max. Speed T-Seals & Grease	2400	rpm		
Rad. Clearance - Max.	0.0031			

TIMKEN

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NORTH CANTON, OHIO USA

QAC15A075S

Single Concentric Piloted Flange
Cartridge

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