



The Timken Company

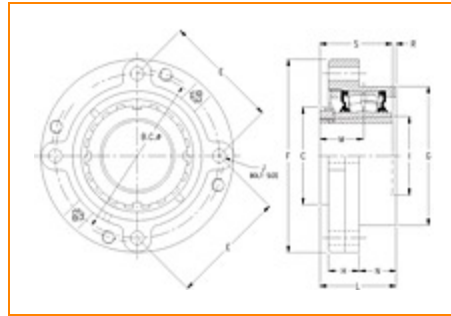
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Part Number DVC13K204S, Tapered Adapter Piloted Flange Cartridge



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Specifications

Engineering Group Mounted Bearing

Bearing Number 22213

Shaft Size 2 1/4 in

Shaft Size Type Imperial

Full Timken Part Number

- DVC13K204SB
- DVC13K204SC
- DVC13K204SEB
- DVC13K204SEC
- DVC13K204SEM
- DVC13K204SEN
- DVC13K204SEO
- DVC13K204SET
- DVC13K204SM
- DVC13K204SN
- DVC13K204SO
- DVC13K204ST



Locking Style	Tapered Adapter
Housing Construction	Piloted Flange Cartridge

UPC Code	0883450004022
	0883450004039
	0883450004053
	0883450004060
	0883450004077
	0883450004084
	0883450004091
	0883450004107
	0883450196871
	0883450197076
0883450274388	
0883450274586	

Dimensions

Dimension BC
6 in
152.4 mm

Dimension C
3.35 in
85.1 mm

Dimension E
4.24 in
107.7 mm

Dimension F
7.13 in
181.1 mm

Dimension G
5 in
127 mm

Dimension H
1.47 in
37.3 mm

Dimension I
3.34 in
84.8 mm

Dimension J (Bolt Size)
0.5 in
12 mm

Dimension L	2.58 in 65.5 mm
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Dimension M	1.56 in 39.6 mm
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Dimension N	1 in 25.4 mm
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Dimension R	0.11 in 2.8 mm
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Dimension S	2.56 in 65 mm
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Radial and Thrust Factors

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

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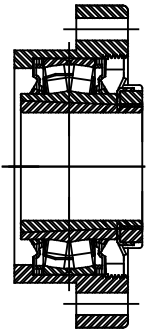
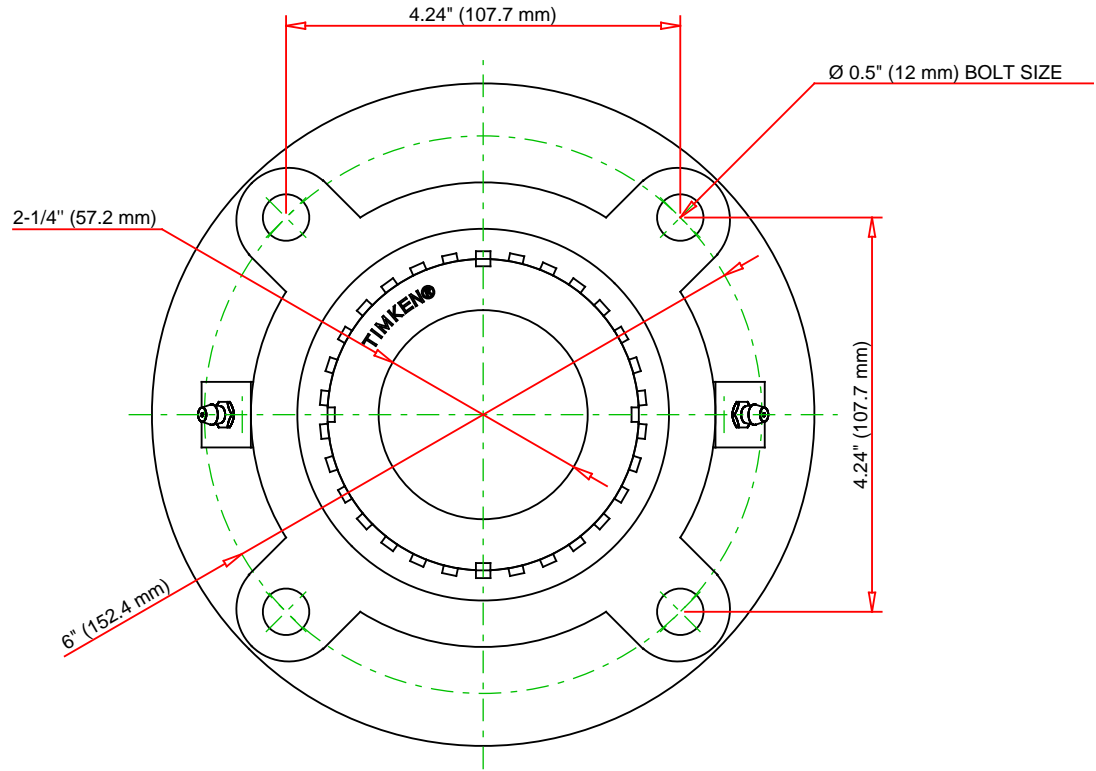
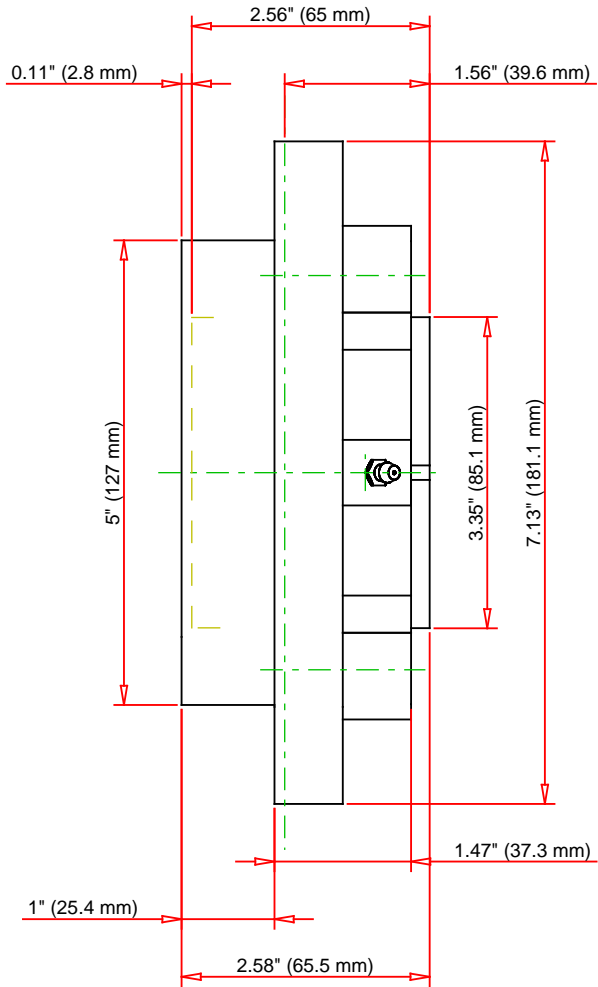
Grease Lubrication - B/C/O Seal	1500 rpm
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Engineering Bearing Attributes

Float	0.083 in 2.108 mm
Shaft Tolerance	0.0030 in 0.076 mm

Engineering Internal Radial Clearance

Pre Install Clearance Min	0.0030 in 0.075 mm
Pre Install Clearance Max	0.0037 in 0.094 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.				

TIMKEN

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

DVC13K204S

Tapered Adapter Piloted Flange
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.

FOR DISCUSSION ONLY