

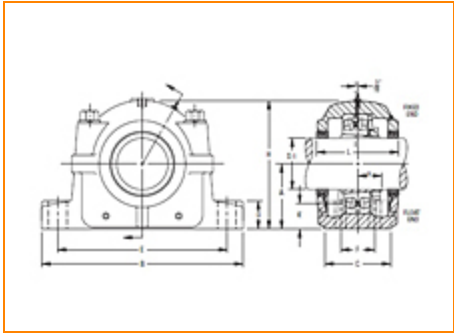


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Part Number SAF 22534, Inch Tapered Bore Mounting Pillow Block SAF225 and SAF226 Series

- The basic number for ordering complete pillow block assemblies is listed in the table below.
- Each assembly includes the housing cap and base, cap bolts, bearing, bearing adapter, locknut and lockwasher, stabilizing ring, and triple ring seals.
- If only the pillow block housing is desired, use the numbers listed in column headed "Housing Only". These units include: cap, base, cap bolts, triple ring seals and stabilizing ring.
- All assemblies and housings described on this page constitute fixed

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Specifications

Bearing Number	22234K
Diameter S-1	5 15/16 in
A	7-1/16 in
B	24.75 in



C	6.75 in
D	2-3/4 in
E Max.	21.625 in
E Min.	19.375 in
F	4-1/4 in
H	14.5625 in
L	9.3750 in
Bolt Hole Length	2.125 in
Bolt Hole Width	1 in
Adapter Assembly Number¹	SNW-34 x 5-15/16
Housing Only²	SAF534
Stabilizing Ring 1 Req'd³	SR-34-0
Triple Seal 2 Req'd	LOR 140
Seal Type	Triple Ring Seal
Full Timken Part Number	SAF22534

Basic Load Ratings

C0 - Static Radial Rating	359000 lbf 1590000 N
C1(2) - Dynamic Radial Rating (Two-Rows)	290000 lbf 1290000 N

Factors

e - ISO Factor⁴	0.26
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Y0 - ISO Factor⁵	2.55
Y1 - ISO Factor⁶	2.61
Y2 - ISO Factor⁷	3.89
Reference Thermal Speed Rating (Grease)	1700 rpm
Reference Thermal Speed Rating (Oil)⁸	2000 rpm
Cg - Geometry Factor⁹	0.0901

¹ Includes sleeve, locknut and lockwasher. Add shaft size to order.

² "Housing Only" includes: cap, base, cap bolts, triple ring seals and stabilizing ring as required. When ordering non-standard housing only specify the shaft size.

³ Stabilizing ring is used for fixed (FX) block; do not use for float (FL) mounting.

⁴ These factors apply for both inch and metric calculations. Consult your Timken representative for instruction on use.

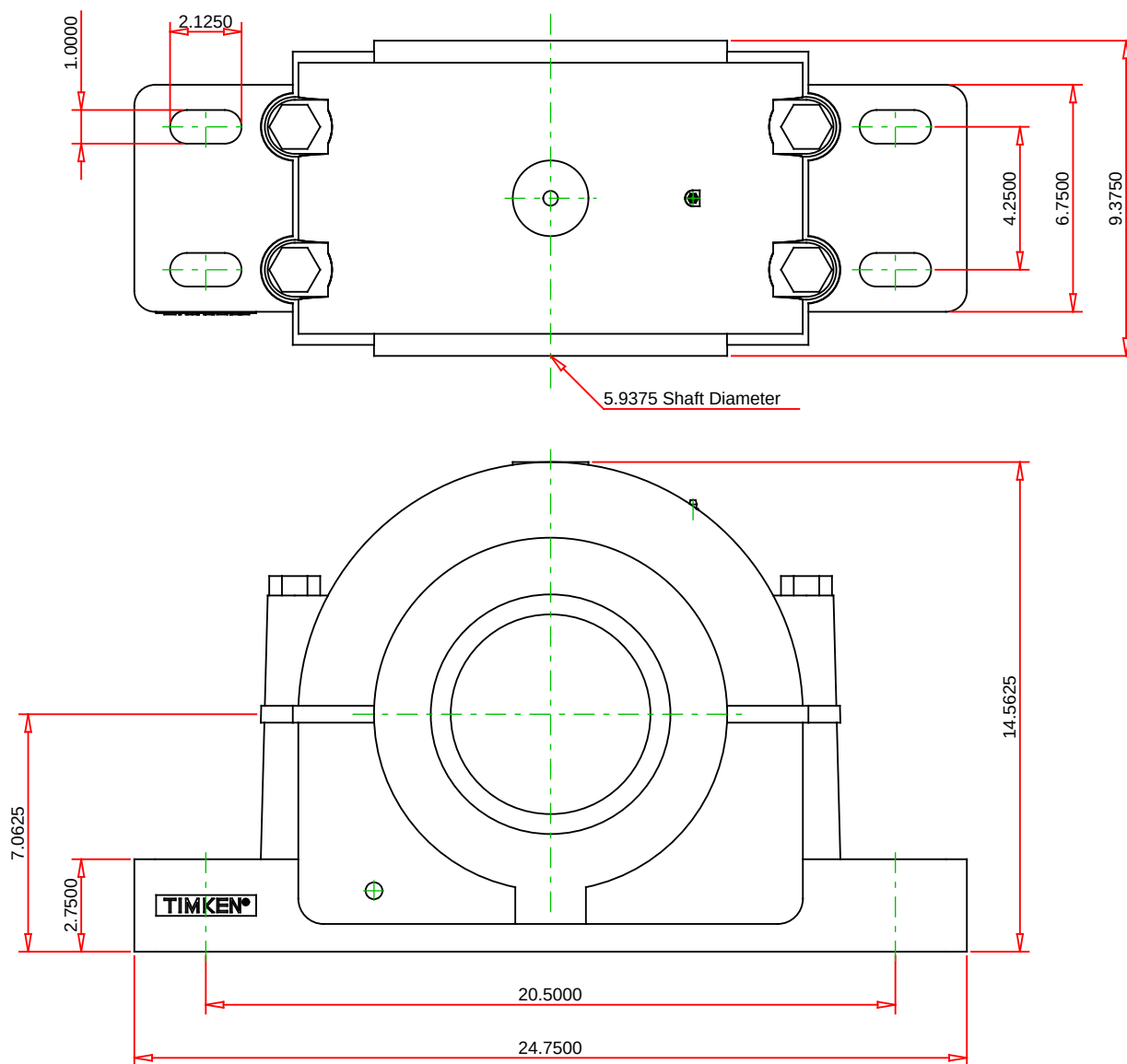
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⁸ See thermal speed ratings in the engineering section.

⁹ Geometry constant for Lubrication Life Adjustment Factor a3l.



IMPERIAL UNITS

Housing
Bearing
Seal Type
Adapter Sleeve
(includes 1 sleeve, 1 locknut
and 1 lockwasher)
Stabilizing Ring
Bolt Hole Spacing Max.
Bolt Hole Spacing Min.

SAF534
22234K
LOR 140
SNW-34 x
5-15/16

SR-34-0
21.6250
19.3750

TIMKEN®

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

SAF 22534
PILLOW BLOCK SAF225 AND SAF226

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