

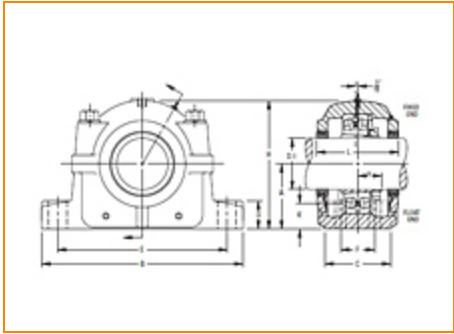


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Part Number SAF 22530 5-1/8, Inch Tapered Bore Mounting Pillow Block SAF225 and SAF226 Series

- 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	22230K
Diameter S-1	5.1250 in
A	6-5/16 in
B	21.25 in



6-1/4 in

D

2.5 in

E Max.

18.25 in

E Min.

17 in

F

3-3/4 in

H

12.5 in

L

8.3750 in

Bolt Hole Length

1.625 in

Bolt Hole Width

1 in

Adapter Assembly Number¹

SNW-30 x 5-1/8

Housing Only²

SAF530 x 5-1/8

Stabilizing Ring 1 Req'd³

SR-30-0

Triple Seal 2 Req'd

LOR 124

Seal Type

Triple Ring Seal

Full Timken Part Number

SAF225305-1/8

Basic Load Ratings

C0 - Static Radial Rating

276000 lbf
1230000 NC1(2) - Dynamic Radial Rating
(Two-Rows)225000 lbf
1000000 N

Factors

e - ISO Factor⁴

0.25

Y0 - ISO Factor⁵	2.63
Y1 - ISO Factor⁶	2.69
Y2 - ISO Factor⁷	4
Reference Thermal Speed Rating (Grease)	2000 rpm
Reference Thermal Speed Rating (Oil)⁸	2400 rpm
Cg - Geometry Factor⁹	0.0899

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.

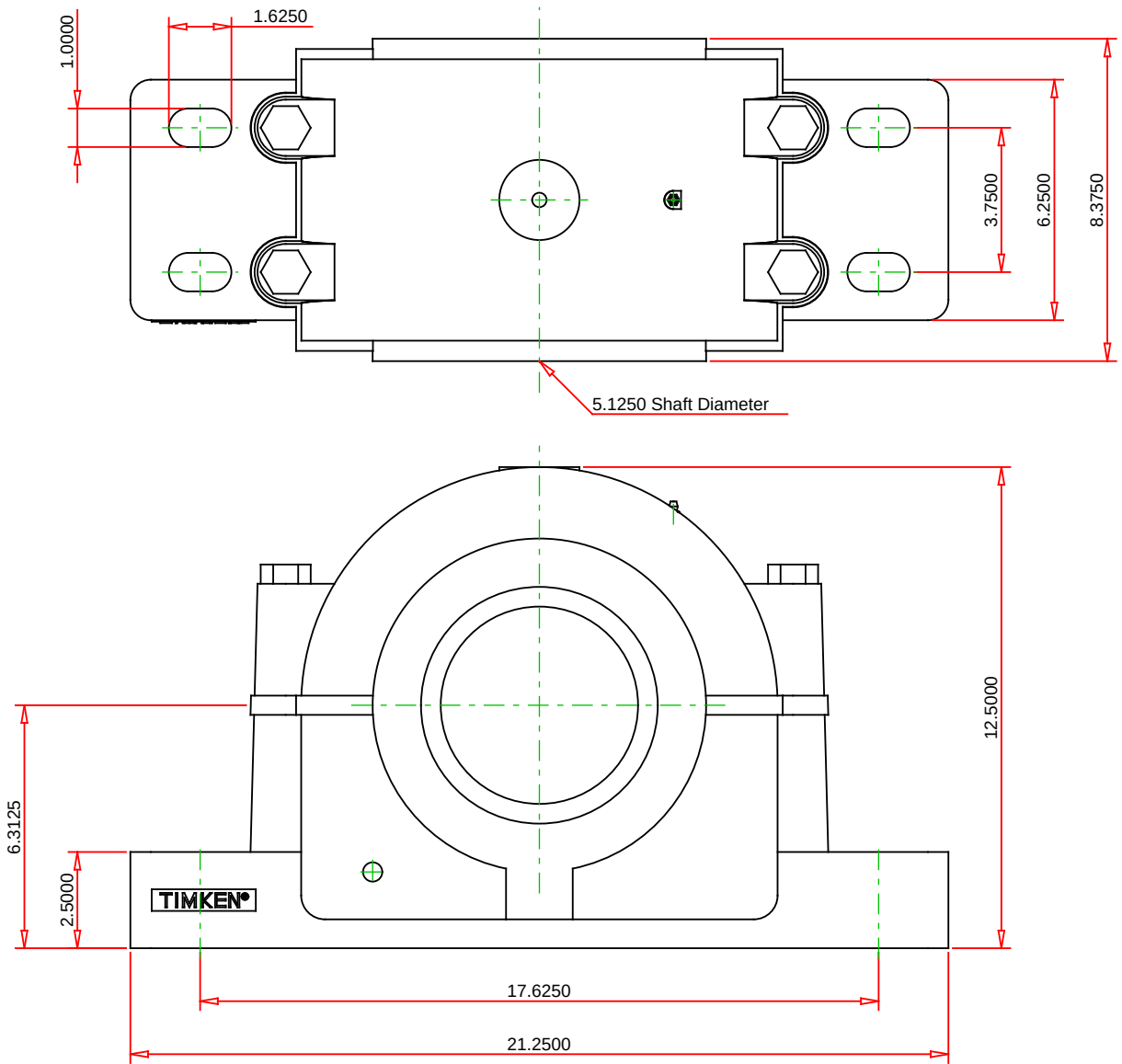
⁵ These factors apply for both inch and metric calculations. See engineering

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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	SAF530 x 5-1/8
Bearing	22230K
Seal Type	LOR 124
Adapter Sleeve	SNW-30 x 5-1/8
(includes 1 sleeve, 1 locknut and 1 lockwasher)	
Stabilizing Ring	SR-30-0
Bolt Hole Spacing Max.	18.2500
Bolt Hole Spacing Min.	17.0000

TIMKEN®

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

SAF 22530 5-1/8
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