

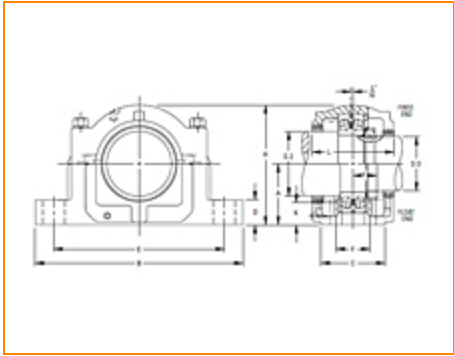


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Part Number SAF 22228, Inch Straight Bore Mounting Pillow Block SAF222 and SAF223 Series

- Each assembly includes the housing cap and base, cap bolts, bearing, locknut and lockwasher, stabilizing ring and triple ring seals.
- To order pillow block housing only, use the numbers listed in "Housing Only" column. These units include: cap, base, cap bolts, triple ring seals and stabilizing ring.
- Assembly and pillow blocks described on this page constitute fixed units.
- To order float units, specify part number plus suffix "Float" or "FL".
- If one end closed assembly is required, specify "CL"

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Specifications

Bearing Number	22228
Diameter S-2	6 1/4 in
Diameter S-3	5 5/16 in
A	6 in
	20.125 in



C	5.875 in
D	2.375 in
E Max.	17.125 in
E Min.	16 in
F	3.375 in
H¹	11-3/4 in
Oil Level K	2.125 in
L²	7.7500 in
Y	2.4063 in
No. of Base Bolts Required	4
Size of Base Bolts Required	1
Bolt Hole Length	1.5625 in
Bolt Hole Width	1 in
Locknut	AN28
Lockwasher	W28
Housing Only³	SAF228
Stabilizing Ring 1 Req'd⁴	SR-28-0
Triple Seal 2 Req'd at S-2	LOR144
Triple Seal 2 Req'd at S-3	LOR127
Seal Type	Triple Ring Seal
Full Timken Part Number	SAF22228

C0 - Static Radial Rating	237000 lbf 1060000 N
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C1(2) - Dynamic Radial Rating (Two-Rows)	194000 lbf 863000 N
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Factors

e - ISO Factor⁵	0.25
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Y0 - ISO Factor⁶	2.61
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Y1 - ISO Factor⁷	2.67
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Y2 - ISO Factor⁸	3.98
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Reference Thermal Speed Rating (Grease)	2200 rpm
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Reference Thermal Speed Rating (Oil)⁹	2600 rpm
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Cg - Geometry Factor¹⁰	0.0856
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¹ Tolerance -0 to + 0.4 mm (-0 to +1/64 in)

² Tolerance -0 to + 0.4 mm (-0 to +1/64 in)

³ "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.

⁴ Stabilizing ring is used for fixed (FX) block; do not use for float (FL) mounting.

⁵ These factors apply for both inch and metric calculations. Consult your Timken representative for instruction on use.

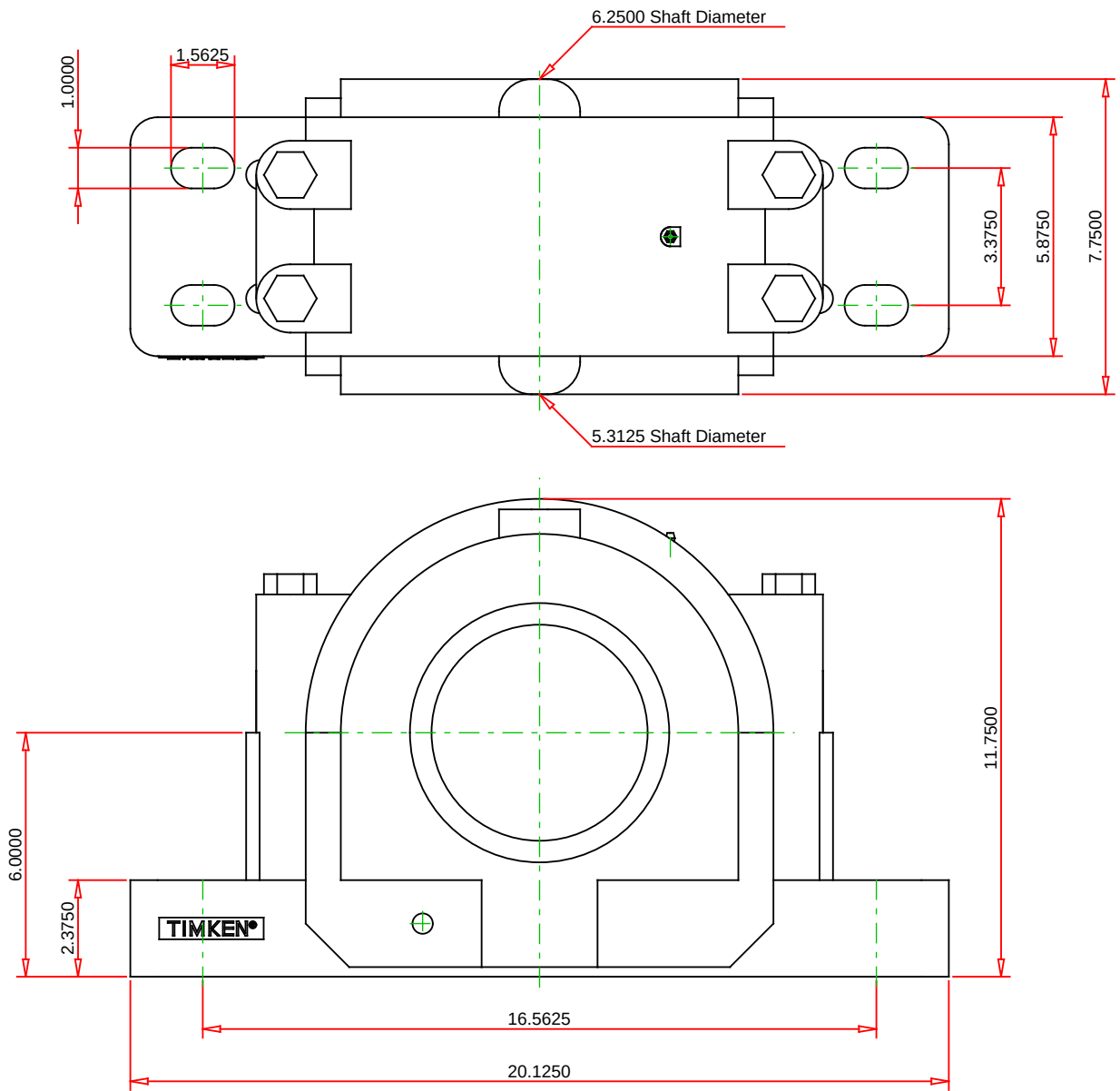
⁶ These factors apply for both inch and metric calculations. See engineering

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⁹ See thermal speed ratings in the engineering section.

¹⁰ Geometry constant for Lubrication Life Adjustment Factor a3l.



IMPERIAL UNITS

Housing	SAF228
Bearing	22228
Triple Seal at S-2	LOR144
Triple Seal at S-3	LOR127
Stabilizing Ring	SR-28-0
Locknut	AN28
Lockwasher	W28
Bolt Hole Spacing Max.	17.1250
Bolt Hole Spacing Min.	16.0000

TIMKEN®

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

SAF 22228
PILLOW BLOCK SAF222 AND SAF223

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