

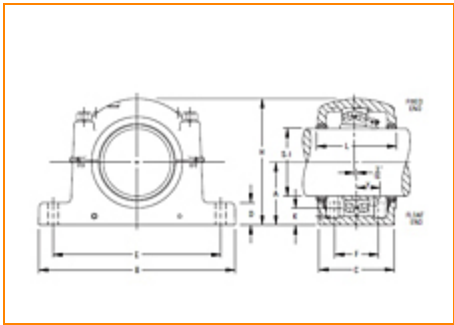


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Part Number SDAF 23284K 15-3/4, Inch Tapered Bore Mounting Pillow Block SDAF231K and SDAF232K Series

- Each assembly includes the housing cap and base, cap bolts, bearing, bearing adapter, locknut and lockwasher, stabilizing ring and triple ring seals.
- To order pillow block housing only, use the numbers listed in the "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

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Specifications	
Bearing Number	23284K
Diameter S-1	15 3/4 in
A	18 in
B	54.25 in
	21.625 in



D	5.75 in
E Max.	48.875 in
E Min.	47.125 in
F	15 in
H	35.75 in
L	22.25 in
Bolt Hole Length	3.375 in
Bolt Hole Width	2.5 in
Adapter Assembly Number¹	SNP-3284 x 15-3/4
Housing Only²	SDAF3284K x 15-3/4
Stabilizing Ring 1 Req'd³	A8990
Triple Seal Req'd	ER 969-1
Full Timken Part Number	SDAF23284K15-3/4

Basic Load Ratings

C0 - Static Radial Rating	2660000 lbf 11800000 N
C1(2) - Dynamic Radial Rating (Two-Rows)	1650000 lbf 7360000 N

Factors

e - ISO Factor⁴	0.35
Y0 - ISO Factor⁵	1.86
Y1 - ISO Factor⁶	1.9

Y2 - ISO Factor⁷	2.83
Reference Thermal Speed Rating (Grease)	330 rpm
Reference Thermal Speed Rating (Oil)⁸	360 rpm
Cg - Geometry Factor⁹	0.0979

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.

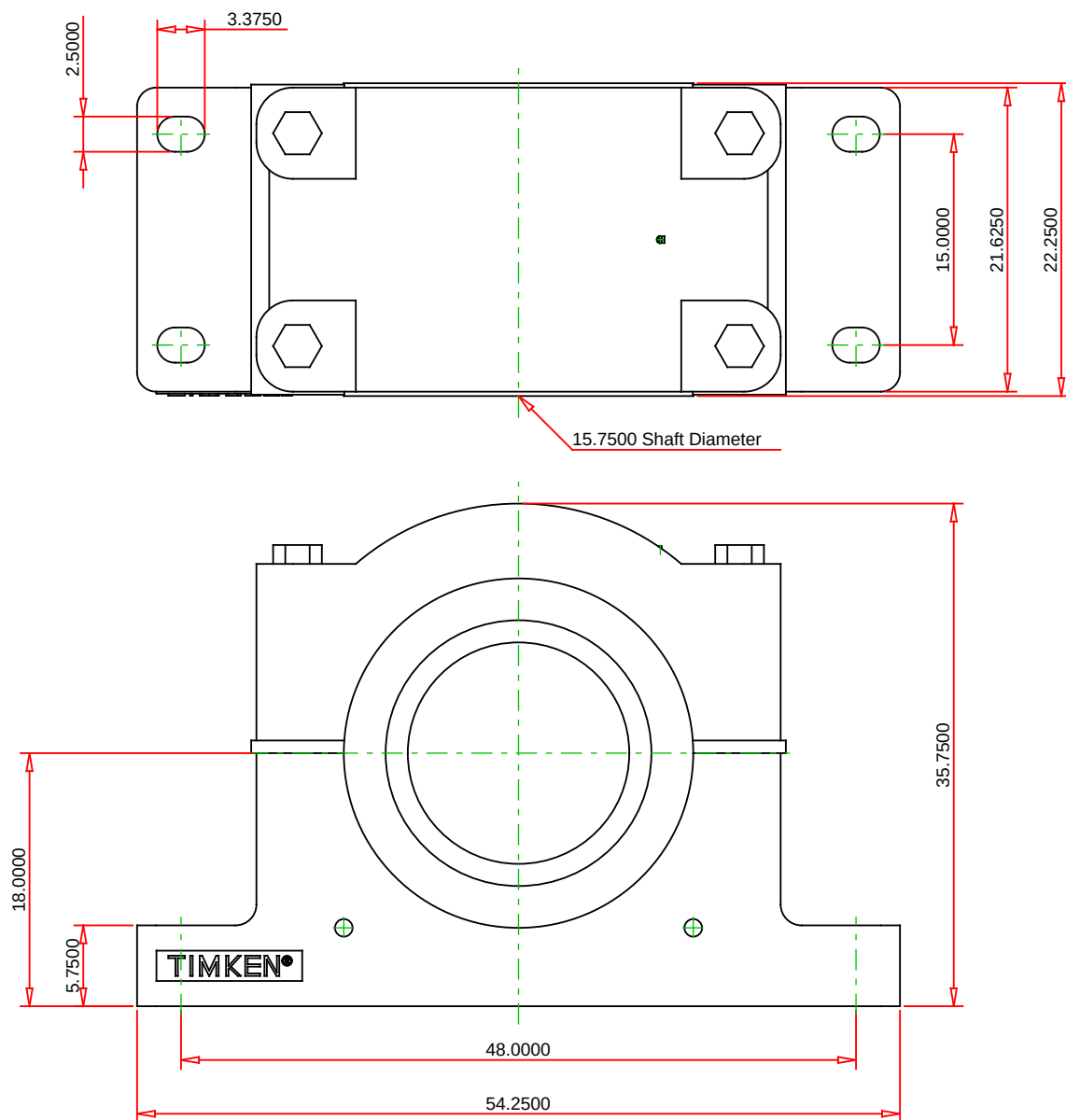
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⁸ See thermal speed ratings in the engineering section.

⁹ Geometry constant for Lubrication Life Adjustment Factor a3l.



IMPERIAL UNITS

Housing	SDAF3284K x 15-3/4
Bearing	23284K
Seal Type	ER 969-1
Adapter Sleeve	SNP-3284 x 15-3/4
(includes 1 sleeve, 1 locknut and 1 lockwasher)	
Stabilizing Ring	A8990
Bolt Hole Spacing Max.	48.8750
Bolt Hole Spacing Min.	47.1250

TIMKEN®

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

SDAF 23284K 15-3/4
PILLOW BLOCK SDAF231K AND SDAF232K

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