


The Timken Company

4500 Mt Pleasant St. NW

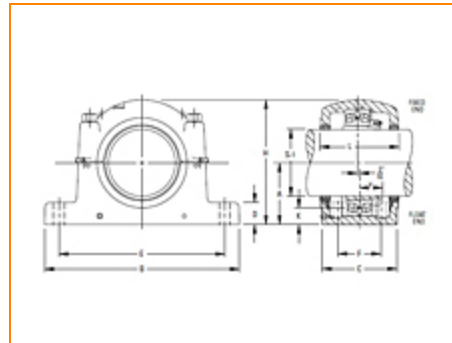
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Part Number SAF 23036K 6-1/2, Inch Tapered Bore Mounting Pillow Block SAF230K and SDAF230K Series

- 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 is desired, use the numbers listed in column "Housing Only" column. These units include: cap, base, cap bolts, triple ring seals and stabilizing ring.
- Assembly and pillow blocks as described on this page constitute fixed units.
- To order float units, specify part number plus suffix "Float" or "FL".
- If one end closed

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 TIMKEN®
REPRESENTATIVE IMAGE

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Specifications

Bearing Number	23036K
Diameter S-1	6 1/2 in
A	6-11/16 in
B	22 in
C	6-1/4 in



D	2 5/8 in
E Max.	19.25 in
E Min.	17.375 in
F	3-3/4 in
H	13.3125 in
L	8.75 in
Bolt Hole Length	1.9375 in
Bolt Hole Width	1 in
No. of Base Bolts Required	4
Adapter Assembly Number¹	SNW-3036 x 6-1/2
Housing Only²	SAF036K x 6-1/2
Stabilizing Ring 1 Req'd³	SR-0-26
Triple Seal Req'd	LOR 149
Seal Type	Triple Ring Seal
Full Timken Part Number	SAF23036K6-1/2

Basic Load Ratings

C0 - Static Radial Rating	332000 lbf 1480000 N
C1(2) - Dynamic Radial Rating (Two-Rows)	229000 lbf 1020000 N

Factors

e - ISO Factor⁴	0.23
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Y0 - ISO Factor⁵	2.85
Y1 - ISO Factor⁶	2.91
Y2 - ISO Factor⁷	4.34
Reference Thermal Speed Rating (Grease)	1700 rpm
Reference Thermal Speed Rating (Oil)⁸	2000 rpm
Cg - Geometry Factor⁹	0.0971

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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⁷ These factors apply for both inch and metric calculations. Consult your Timken representative for instruction on use.

⁸ See thermal speed ratings in the engineering section.

⁹ Geometry constant for Lubrication Life Adjustment Factor a3l.

