

# MIETHER™

BEARING PRODUCTS

## Corporate Catalog



**THE INDUSTRY'S LEADING  
MANUFACTURER OF BEARING HOUSINGS,  
SEALS, AND ACCESSORIES**

We've always been GREEN!™

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**MIETHER BEARING PRODUCTS, INC.**

An Alco Industries Company

PRECISION ENGINEERED FOR  
OUTSTANDING QUALITY

# SPLIT PILLOW BLOCKS

SPLIT

## FEATURES OF THE SPLIT HOUSING PILLOW BLOCK:

SAF	Cast Iron
SAFD	Ductile Iron
SAFS	Cast Steel
SDAF	Cast Iron for exceptionally heavy loads.
SDAFS	Cast Steel for heaviest industrial applications, where severe loads and shocks are commonly found.

Triple-seal rotating rings: seal out foreign matter. . . seal in oil or grease.

Large drain hole under triple-seal, for proper lubricant flow. Centerline (W-33) bearing lubrication for penetration to all work surfaces.

Outward flow flushes out foreign matter and moisture with old lubricant.

Easy installation and inspection.

For cylindrical or adapter mounting.

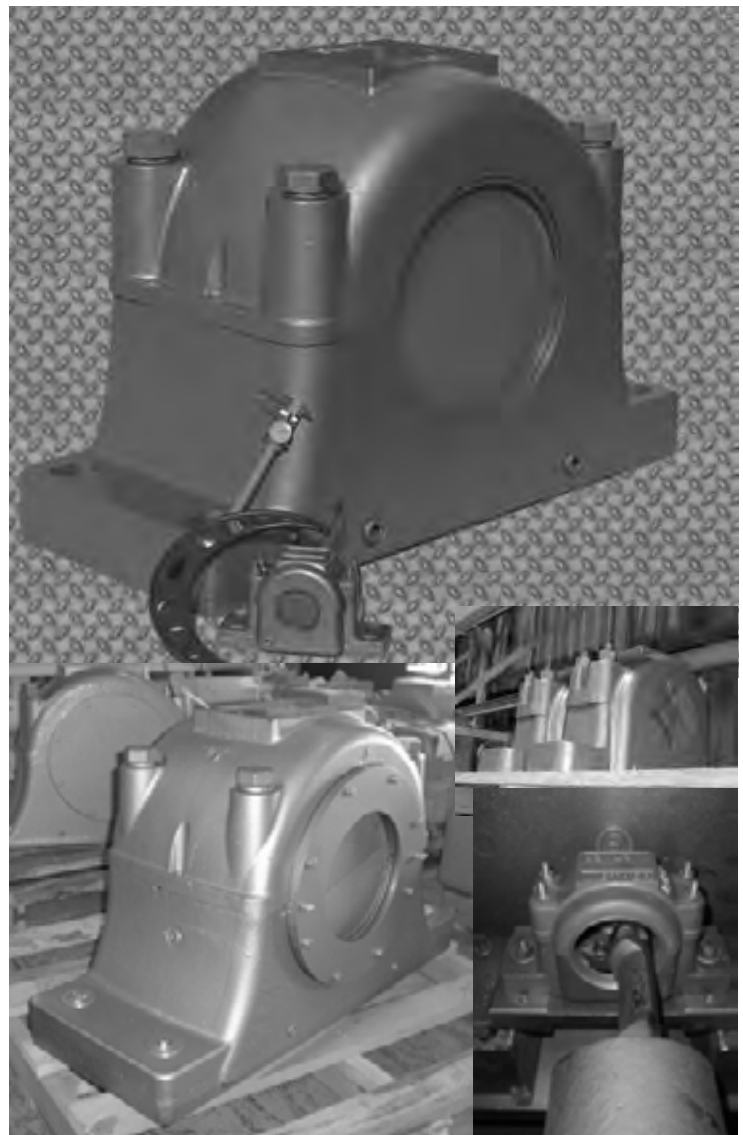
Self-aligning spherical roller bearings compensate for installation mis-alignment, movement of mounting bases, shock loads, thrust loads, or shaft mis-alignment.

Extra heavy foot pad . . . smooth surfaces for better bolt seating. Four bolt base and cap.

Stabilizing rings at no extra cost for "fixed" bearings.

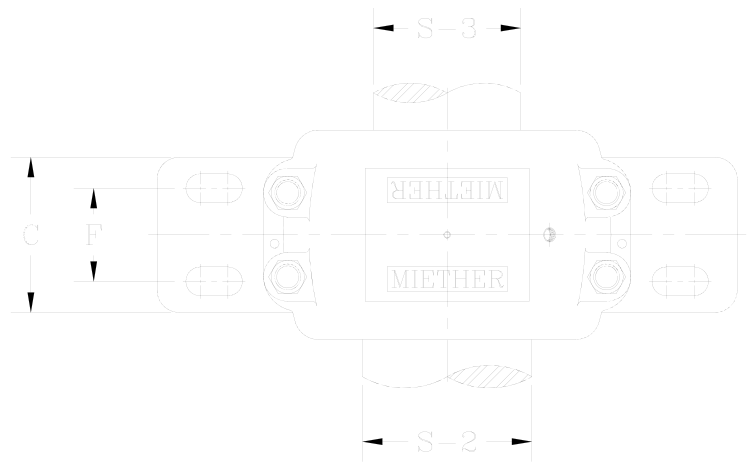
Cap and base accurately aligned by dowel pins at the start of manufacture.

With Miether Split Housing Pillow Blocks you receive quality housings for longest bearing life, experienced design and engineering service to meet your specifications.



## HOW TO ORDER:

- When you order SAF 22216 you receive;  
1 SAF 216 Housing (Housing, seal rings and stabilizing ring).  
1 No. 22216 Bearing.
- 1 No. AN 16 Locknut, 1 No. W 16 Lockwasher.
- If you order a closed housing the proper end plug is included.
- All housings include stabilizing ring, either use or discard.
- Always specify shaft size when ordering.
- Housing styles include;  
SAF - Cast Iron      SAFD - Ductile Iron  
SAFS - Cast Steel
- All Miether housings have four bolt cap.
- The sizes listed below are standard items.



## SAF 222 CYLINDRICAL MOUNTED PILLOW BLOCK PART NUMBERS

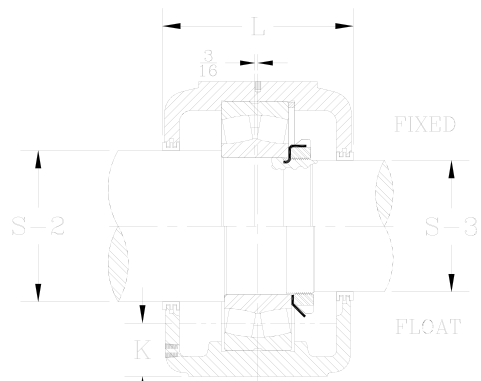
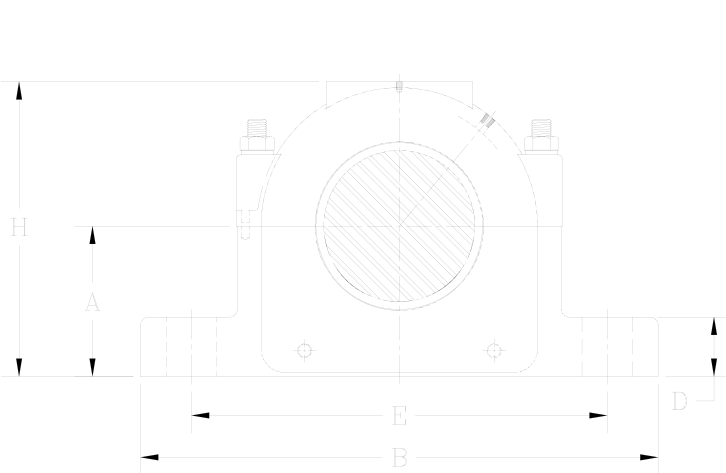
SHAFT DIAMETER		COMPLETE PILLOW BLOCK NUMBER	PILLOW BLOCK HOUSING ONLY	BEARING NUMBER	LOCKNUT	LOCK-WASHER	TRIPLE SEAL RING		STABILIZING RING (1 REQUIRED)
S-2 IN.	S-3 IN.						S-2 SHAFT	S-3 SHAFT	
						1 REQD'	1 REQD'		
3 1/16	2 7/16	SAF 22213	SAF213	22213	N 13	W 13	LER 55	LER 37	SR- 13-11
3 7/16	2 13/16	*SAF 22215	SAF215	22215	AN 15	W 15	LER 79	LER 46	SR- 15-12
3 5/8	3	*SAF 22216	SAF216	22216	AN 16	W 16	LER 82	LER 54	SR- 16-13
3 15/16	3 3/16	*SAF 22217	SAF217	22217	AN 17	W 17	LER 89	LER 63	SR- 17-14
4 1/8	3 3/8	*SAF 22218	SAF218	22218	AN 18	W 18	LER 96	LER 191	SR- 18-15
4 1/2	3 13/16	*SAF 22220	SAF220	22220	AN 20	W 20	LER 118	LER 106	SR- 20-17
4 7/8	4 3/16	SAF 22222	SAF222	22222	AN 22	W 22	LER 121	LER 113	SR- 22-19
5 5/16	4 9/16	SAF 22224	SAF224	22224	AN 24	W 24	LER 127	LER 119	SR- 24-20
5 7/8	4 15/16	SAF 22226	SAF226	22226	AN 26	W 26	LER 136	LER 122	SR- 26-0
6 1/4	5 5/16	SAF 22228	SAF228	22228	AN 28	W 28	LER 144	LER 127	SR- 28-0
6 5/8	5 3/4	SAF 22230	SAF230	22230	AN 30	W 30	LER 151	LER 134	SR- 30-0
7	6 1/16	SAF 22232	SAF232	22232	AN 32	W 32	LER 156	LER 142	SR- 32-0
7 7/16	6 7/16	SAF 22234	SAF234	22234	AN 34	W 34	LER 161	LER 148	SR- 34-0
7 13/16	6 7/8	SAF 22236	SAF236	22236	AN 36	W 36	LER 165	LER 154	SR- 36-30
8 3/8	7 1/4	SAF 22238	SAF238	22238	AN 38	W 38	LER 171	LER 160	SR- 38-32
8 3/4	7 5/8	SAF 22240	SAF240	22240	AN 40	W 40	LER 175	LER 164	SR- 40-34
9 9/16	8 5/16	SAF 22244	SAF244	22244	N 44	W 44	LER 179	LER 170	SR- 44-38

\* FOR 4 BOLT BASE PLEASE SPECIFY FSAF.

## SAF 223 CYLINDRICAL MOUNTED PILLOW BLOCK PART NUMBERS

SHAFT DIAMETER		COMPLETE PILLOW BLOCK NUMBER	PILLOW BLOCK HOUSING ONLY	BEARING NUMBER	LOCKNUT	LOCK-WASHER	TRIPLE SEAL RING		STABILIZING RING (1 REQUIRED)
S-2 IN.	S-3 IN.						S-2 SHAFT	S-3 SHAFT	
						1 REQD'	1 REQD'		
4 1/8	3 3/8	SAF 22318	SAF 318	22318	AN18	W18	LER 112	LER 191	SR- 21-18
4 1/2	3 13/16	SAF 22320	SAF 320	22320	AN20	W20	LER 118	LER 106	SR- 24-20
4 7/8	4 3/16	SAF 22322	SAF 322	22322	AN22	W22	LER 121	LER 113	SR- 0-22
5 5/16	4 9/16	SAF 22324	SAF 324	22324	AN24	W24	LER 127	LER 119	SR- 0-24
5 7/8	4 15/16	SAF 22326	SAF 326	22326	AN26	W26	LER 136	LER 122	SR- 0-26
6 1/4	5 5/16	SAF 22328	SAF 328	22328	AN28	W28	LER 144	LER 127	SR- 0-28
6 5/8	5 3/4	SAF 22330	SAF 330	22330	AN30	W30	LER 151	LER 134	SR- 36-30
7	6 1/16	SAF 22332	SAF 332	22332	AN32	W32	LER 156	LER 142	SR- 38-32
7 7/16	6 7/16	SAF 22334	SAF 334	22334	AN34	W34	LER 161	LER 148	SR- 40-34
7 13/16	6 7/8	SAF 22336	SAF 336	22336	AN36	W36	LER 165	LER 154	SR- 0-36
8 3/8	7 1/4	SAF 22338	SAF 338	22338	AN38	W38	LER 171	LER 160	SR- 44-38
8 3/4	7 5/8	SAF 22340	SAF 340	22340	AN40	W40	LER 175	LER 164	SR- 0-40





**SPLIT**

**SAF 222**

**PILLOW BLOCK DIMENSIONS**

A	B	C	D	E		F	H	K	L	BOLTS (NO. REQ'D)	WEIGHT LBS. HOUSING LER, SR	COMPLETE PILLOW BLOCK NUMBER
				MAX IN.	MIN IN.							
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.		
3	11	3 1/8	1	9 1/2	8 1/8		5 15/16	1 1/8	4 1/2	(2)- 5/8	22	SAF 22213
3 1/4	11 1/4	3 1/8	1 1/8	9 5/8	8 5/8	1 7/8	6 3/8	1 1/4	4 3/4	(2)- 5/8 (4)- 1/2	25	*SAF 22215
3 1/2	13	3 1/2	1 3/8	11	9 5/8	2 1/8	6 7/8	1 11/32	4 7/8	(2)- 3/4 (4)- 5/8	33	*SAF 22216
3 3/4	13	3 1/2	1 7/16	11	9 7/8	2 1/8	7 5/16	1 7/16	5	(2)- 3/4 (4)- 5/8	36	*SAF 22217
4	13 3/4	3 7/8	1 1/2	11 5/8	10 3/8	2 1/8	7 3/4	1 17/32	5 3/4	(2)- 3/4 (4)- 5/8	43	*SAF 22218
4 1/2	15 1/4	4 3/8	1 3/4	13 1/8	11 5/8	2 3/8	8 3/4	1 3/4	6	(2)- 7/8 (4)- 3/4	60	*SAF 22220
4 15/16	16 1/2	4 3/4	2	14 1/2	12 5/8	2 3/4	9 5/8	1 7/8	6 1/2	(4)- 3/4	83	SAF 22222
5 1/4	16 1/2	4 3/4	2 1/8	14 1/2	13 1/4	2 3/4	10 1/4	1 15/16	7 3/8	(4)- 3/4	92	SAF 22224
6	18 3/8	5 1/8	2 3/8	16	14 5/8	3 1/4	11 9/16	2 7/16	8	(4)- 7/8	136	SAF 22226
6	20 1/8	5 7/8	2 3/8	17 1/8	16	3 3/8	11 3/4	2 1/8	7 5/8	(4)- 1	141	SAF 22228
6 5/16	21 1/4	6 1/4	2 1/2	18 1/4	17	3 3/4	12 1/2	2 3/16	8 3/8	(4)- 1	159	SAF 22230
6 11/16	22	6 1/4	2 5/8	19 1/4	17 3/8	3 3/4	13 5/16	2 3/16	8 3/4	(4)- 1	174	SAF 22232
7 1/16	24 3/4	6 3/4	2 3/4	21 5/8	19 3/8	4 1/4	14 3/16	2 5/16	9 5/8	(4)- 1	226	SAF 22234
7 1/2	26 3/4	7 1/8	3	23 5/8	20 7/8	4 5/8	14 7/8	2 9/16	10	(4)- 1	273	SAF 22236
7 7/8	28	7 1/2	3 1/8	24 3/8	21 5/8	4 1/2	15 11/16	2 5/8	10 5/8	(4)- 1 1/4	311	SAF 22238
8 1/4	29 1/2	8	3 3/8	25	22 1/2	5	16 1/2	2 11/16	11 1/8	(4)- 1 1/4	338	SAF 22240
9 1/2	32 3/4	8 3/4	3 3/4	27 7/8	24 3/4	5 1/4	18 5/8	3 3/8	11 7/8	(4)- 1 1/2	466	SAF 22244

All housings come with stabilizing ring. Use for fixed, discard for float. Use only one "Fixed" bearing per shaft.

**SAF 223**

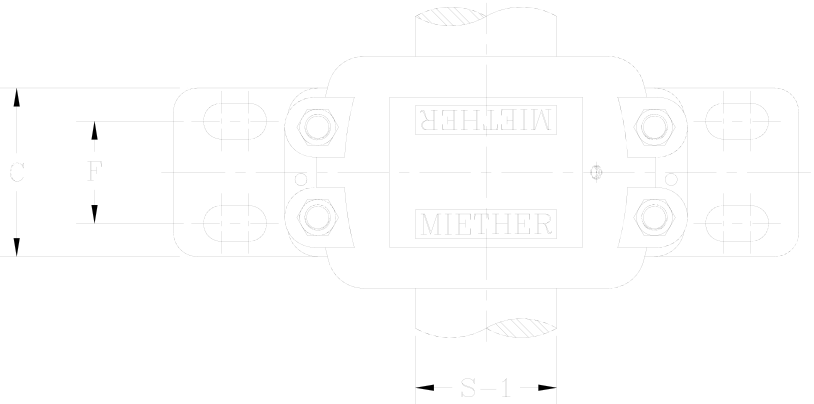
**PILLOW BLOCK DIMENSIONS**

A	B	C	D	E		F	H	K	L	BOLTS (NO. REQ'D)	WEIGHT LBS. HOUSING LER, SR	COMPLETE PILLOW BLOCK NUMBER
				MAX IN.	MIN IN.							
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.		
4 3/4	15 1/2	4 3/8	2	13 1/2	12	2 1/4	9 3/16	2	6 7/8	(4)- 3/4	78	SAF 22318
5 1/4	16 1/2	4 3/4	2 1/8	14 1/2	13 1/4	2 3/4	10 1/4	2 1/8	7 3/8	(4)- 3/4	91	SAF 22320
6	18 3/8	5 1/8	2 3/8	16	14 5/8	3 1/4	11 9/16	2 1/2	8	(4)- 7/8	125	SAF 22322
6 5/16	21 1/4	6 1/4	2 1/2	18 1/4	17	3 3/4	12 1/2	2 9/16	8 3/8	(4)- 1	175	SAF 22324
6 11/16	22	6 1/4	2 5/8	19 1/4	17 3/8	3 3/4	13 5/16	2 5/8	8 3/4	(4)- 1	202	SAF 22326
7 1/16	24 3/4	6 3/4	2 3/4	21 5/8	19 3/8	4 1/4	14 3/16	2 11/16	9 5/8	(4)- 1	248	SAF 22328
7 1/2	26 3/4	7 1/8	3	23 5/8	20 7/8	4 5/8	14 7/8	2 7/8	10	(4)- 1	290	SAF 22330
7 7/8	28	7 1/2	3 1/8	24 3/8	21 5/8	4 1/2	15 11/16	2 15/16	10 5/8	(4)- 1 1/4	322	SAF 22332
8 1/4	29 1/2	8	3 3/8	25	22 1/2	5	16 1/2	3 1/16	11 1/8	(4)- 1 1/4	348	SAF 22334
8 7/8	31 1/4	8 1/4	3 1/2	26 5/8	24	5 1/4	17 15/16	3 3/8	11 3/8	(4)- 1 1/4	448	SAF 22336
9 1/2	32 3/4	8 3/4	3 3/4	27 7/8	24 3/4	5 1/4	18 13/16	3 11/16	11 7/8	(4)- 1 1/2	485	SAF 22338
9 7/8	34 1/4	9	4	29 1/2	26 1/4	5 1/2	20	3 3/4	12 1/16	(4)- 1 1/2	594	SAF 22340



## HOW TO ORDER:

- When you order SAF 22516 you receive;  
1 SAF 516 Housing (Housing, seal rings and stabilizing ring).  
1 No. 22216 K Bearing.
- 1 No. SNW 16 Adapter (Sleeve, Locknut and Lockwasher).
- If you order a closed housing the proper end plug is included.
- All housings include stabilizing ring, either use or discard.
- Always specify shaft size when ordering.
- Housing styles include;  
SAF - Cast Iron      SAFD - Ductile Iron  
SAFS - Cast Steel
- All Miether housings have four bolt cap.
- The sizes listed below are standard items.



## SAF 225

### ADAPTER MOUNTED

### PILLOW BLOCK PART NUMBERS

SHAFT DIAMETER S-1 IN.	COMPLETE PILLOW BLOCK NUMBER	PILLOW BLOCK HOUSING ONLY	BEARING NUMBER	ADAPTER LOCKNUT AND LOCKWASHER	TRIPLE SEAL RING (2 REQUIRED)	STABILIZING RING (1 REQUIRED)
2 3/16	SAF 22513	SAF 513	22213 K	SNW 13	LER 29	SR- 13-11
2 7/16	* SAF 22515	SAF 515	22215 K	SNW 15	LER 37	SR- 15-12
2 11/16	* SAF 22516	SAF 516	22216 K	SNW 16	LER 44	SR- 16-13
2 15/16	* SAF 22517	SAF 517	22217 K	SNW 17	LER 53	SR- 17-14
3 3/16	* SAF 22518	SAF 518	22218 K	SNW 18	LER 188	SR- 18-15
3 7/16	* SAF 22520	SAF 520	22220 K	SNW 20	LER 102	SR- 20-17
3 15/16	SAF 22522	SAF 522	22222 K	SNW 22	LER 109	SR- 22-19
4 3/16	SAF 22524	SAF 524	22224 K	SNW 24	LER 113	SR- 24-20
4 7/16	SAF 22526	SAF 526	22226 K	SNW 26	LER 117	SR- 26-0
4 15/16	SAF 22528	SAF 528	22228 K	SNW 28	LER 122	SR- 28-0
5 3/16	SAF 22530	SAF 530	22230 K	SNW 30	LER 125	SR- 30-0
5 7/16	SAF 22532	SAF 532	22232 K	SNW 32	LER 130	SR- 32-0
5 15/16	SAF 22534	SAF 534	22234 K	SNW 34	LER 140	SR- 34-0
6 7/16	SAF 22536	SAF 536	22236 K	SNW 36	LER 148	SR- 36-30
6 15/16	SAF 22538	SAF 538	22238 K	SNW 38	LER 155	SR- 38-32
7 3/16	SAF 22540	SAF 540	22240 K	SNW 40	LER 159	SR- 40-34
7 15/16	SAF 22544	SAF 544	22244 K	SNW 44	LER 167	SR- 44-38

\* FOR 4 BOLT BASE PLEASE SPECIFY FSAF.

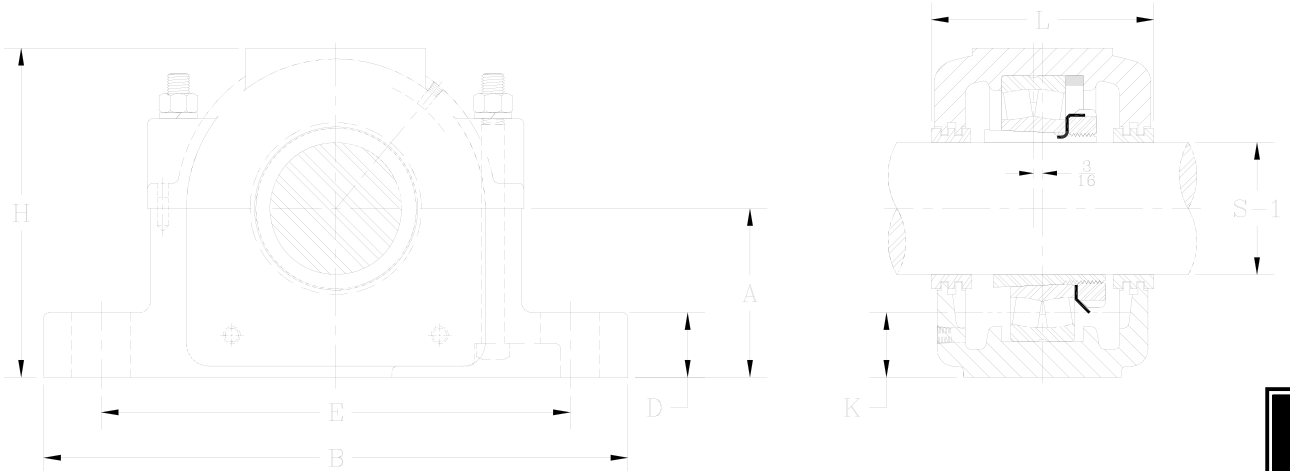
## SAF 226

### ADAPTER MOUNTED

### PILLOW BLOCK PART NUMBERS

SHAFT DIAMETER S-1 IN.	COMPLETE PILLOW BLOCK NUMBER	PILLOW BLOCK HOUSING ONLY	BEARING NUMBER	ADAPTER LOCKNUT AND LOCKWASHER	TRIPLE SEAL RING (2 REQUIRED)	STABILIZING RING (1 REQUIRED)
3 3/16	SAF 22618	SAF 618	22318 K	SNW 118	LER 188	SR- 21-18
3 7/16	SAF 22620	SAF 620	22320 K	SNW 120	LER 102	SR- 24-20
3 15/16	SAF 22622	SAF 622	22322 K	SNW 122	LER 109	SR- 0-22
4 3/16	SAF 22624	SAF 624	22324 K	SNW 124	LER 113	SR- 0-24
4 7/16	SAF 22626	SAF 626	22326 K	SNW 126	LER 117	SR- 0-26
4 15/16	SAF 22628	SAF 628	22328 K	SNW 128	LER 122	SR- 0-28
5 3/16	SAF 22630	SAF 630	22330 K	SNW 130	LER 125	SR- 36-30
5 7/16	SAF 22632	SAF 632	22332 K	SNW 132	LER 130	SR- 38-32
5 15/16	SAF 22634	SAF 634	22334 K	SNW 134	LER 140	SR- 40-34
6 7/16	SAF 22636	SAF 636	22336 K	SNW 136	LER 148	SR- 0-36
6 15/16	SAF 22638	SAF 638	22338 K	SNW 138	LER 155	SR- 44-38
7 3/16	SAF 22640	SAF 640	22340 K	SNW 140	LER 159	SR- 0-40





**SPLIT**

**SAF 225** PILLOW BLOCK DIMENSIONS

A	B	C	D	E		F	H	K	L	BOLTS (NO. REQ'D)	WEIGHT LBS. HOUSING LER, SR	COMPLETE PILLOW BLOCK NUMBER
				MAX IN.	MIN IN.							
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.		
3	11	3 1/8	1	9 1/2	8 1/8		5 15/16	1 1/8	4 1/2	(2)-5/8	23	SAF 22513
3 1/4	11 1/4	3 1/8	1 1/8	9 5/8	8 5/8	1 7/8	6 3/8	1 1/4	4 3/4	(2)-5/8 (4)-1/2	27	* SAF 22515
3 1/2	13	3 1/2	1 3/8	11	9 5/8	2 1/8	6 7/8	1 11/32	4 7/8	(2)-3/4 (4)-5/8	34	* SAF 22516
3 3/4	13	3 1/2	1 7/16	11	9 7/8	2 1/8	7 5/16	1 7/16	5	(2)-3/4 (4)-5/8	37	* SAF 22517
4	13 3/4	3 7/8	1 1/2	11 5/8	10 3/8	2 1/8	7 3/4	1 17/32	5 3/4	(2)-3/4 (4)-5/8	44	* SAF 22518
4 1/2	15 1/4	4 3/8	1 3/4	13 1/8	11 5/8	2 3/8	8 3/4	1 3/4	6	(2)-7/8 (4)-3/4	63	* SAF 22520
4 15/16	16 1/2	4 3/4	2	14 1/2	12 5/8	2 3/4	9 5/8	1 7/8	6 1/2	(4)-3/4	85	SAF 22522
5 1/4	16 1/2	4 3/4	2 1/8	14 1/2	13 1/4	2 3/4	10 1/4	1 15/16	7 3/8	(4)-3/4	94	SAF 22524
6	18 3/8	5 1/8	2 3/8	16	14 5/8	3 1/4	11 9/16	2 7/16	8	(4)-7/8	141	SAF 22526
6	20 1/8	5 7/8	2 3/8	17 1/8	16	3 3/8	11 3/4	2 1/8	7 5/8	(4)-1	146	SAF 22528
6 5/16	21 1/4	6 1/4	2 1/2	18 1/4	17	3 3/4	12 1/2	2 3/16	8 3/8	(4)-1	165	SAF 22530
6 11/16	22	6 1/4	2 5/8	19 1/4	17 3/8	3 3/4	13 5/16	2 3/16	8 3/4	(4)-1	178	SAF 22532
7 1/16	24 3/4	6 3/4	2 3/4	21 5/8	19 3/8	4 1/4	14 3/16	2 5/16	9 5/8	(4)-1	234	SAF 22534
7 1/2	26 3/4	7 1/8	3	23 5/8	20 7/8	4 5/8	14 7/8	2 9/16	10	(4)-1	273	SAF 22536
7 7/8	28	7 1/2	3 1/8	24 3/8	21 5/8	4 1/2	15 11/16	2 5/8	10 5/8	(4)-1 1/4	319	SAF 22538
8 1/4	29 1/2	8	3 3/8	25	22 1/2	5	16 1/2	2 11/16	11 1/8	(4)-1 1/4	345	SAF 22540
9 1/2	32 3/4	8 3/4	3 3/4	27 7/8	24 3/4	5 1/4	18 5/8	3 3/8	11 7/8	(4)-1 1/2	480	SAF 22544

All housings come with stabilizing ring. Use for fixed, discard for float. Use only one "Fixed" bearing per shaft.

**SAF 226** PILLOW BLOCK DIMENSIONS

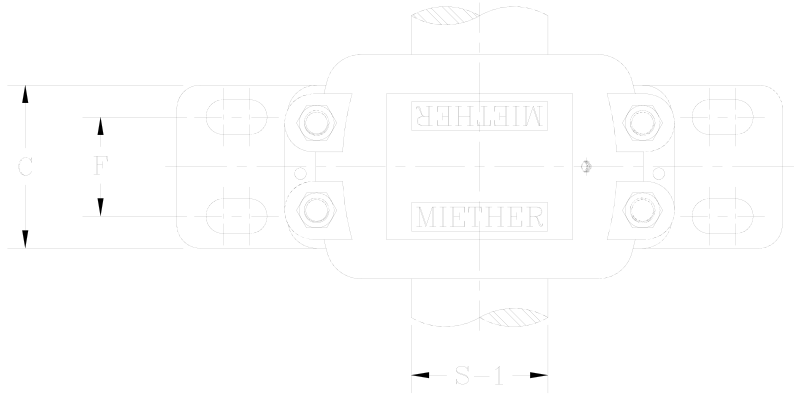
A	B	C	D	E		F	H	K	L	BOLTS (NO. REQ'D)	WEIGHT LBS. HOUSING LER, SR	COMPLETE PILLOW BLOCK NUMBER
				MAX IN.	MIN IN.							
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.		
4 3/4	15 1/2	4 3/8	2	13 1/2	12	2 1/4	9 3/16	2	6 7/8	(4)--3/4	80	SAF 22618
5 1/4	16 1/2	4 3/4	2 1/8	14 1/2	13 1/4	2 3/4	10 1/4	2 1/8	7 3/8	(4)--3/4	93	SAF 22620
6	18 3/8	5 1/8	2 3/8	16	14 7/8	3 1/4	11 9/16	2 1/2	8	(4)--7/8	131	SAF 22622
6 5/16	21 1/4	6 1/4	2 1/2	18 1/4	17	3 3/4	12 1/2	2 9/16	8 3/8	(4)--1	182	SAF 22624
6 11/16	22	6 1/4	2 5/8	19 1/4	17 3/8	3 3/4	13 5/16	2 5/8	8 3/4	(4)--1	206	SAF 22626
7 1/16	24 3/4	6 3/4	2 3/4	21 5/8	19 3/8	4 1/4	14 3/16	2 11/16	9 5/8	(4)--1	259	SAF 22628
7 1/2	26 3/4	7 1/8	3	23 5/8	20 7/8	4 5/8	14 7/8	2 7/8	10	(4)--1	303	SAF 22630
7 7/8	28	7 1/2	3 1/8	24 3/8	21 5/8	4 1/2	15 11/16	2 15/16	10 5/8	(4)--1 1/4	324	SAF 22632
8 1/4	29 1/2	8	3 3/8	25	22 1/2	5	16 1/2	3 1/16	11 1/8	(4)--1 1/4	352	SAF 22634
8 7/8	31 1/4	8 1/4	3 1/2	26 5/8	24	5 1/4	17 3/4	3 3/8	11 3/8	(4)--1 1/4	453	SAF 22636
9 1/2	32 3/4	8 3/4	3 3/4	27 7/8	24 3/4	5 1/4	18 5/8	3 11/16	11 7/8	(4)--1 1/2	490	SAF 22638
9 7/8	34 1/4	9	4	29 1/2	26 1/4	5 1/2	20	3 3/4	12 1/16	(4)--1 1/2	600	SAF 22640





## HOW TO ORDER:

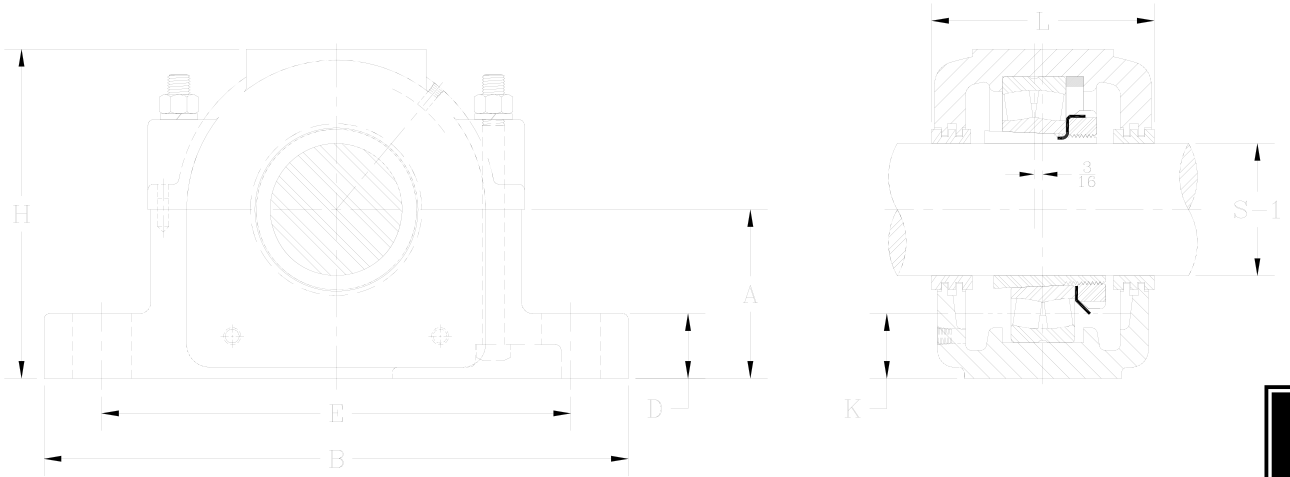
- When you order SAF 23024 K you receive;  
1 SAF 024 K Housing (Housing, seal rings and stabilizing ring).  
1 No. 23024 K Bearing.
- 1 No. SNW 3024 Adapter (Sleeve, Locknut, and Lockwasher).
- If you order a closed housing the proper end plug is included.
- All housings include stabilizing ring, either use or discard.
- Always specify shaft size when ordering.
- Housing styles include;
  - SAF - Cast Iron      SAFD - Ductile Iron
  - SAFS - Cast Steel
- All Miether housings have four bolt cap.
- The sizes listed below are standard items.



## SAF 230 K      ADAPTER MOUNTED      PILLOW BLOCK PART NUMBERS

SHAFT DIAMETER S-1 IN.	COMPLETE PILLOW BLOCK NUMBER	PILLOW BLOCK HOUSING ONLY	BEARING NUMBER	ADAPTER LOCKNUT AND LOCKWASHER	TRIPLE SEAL RING (2 REQUIRED)	STABILIZING RING
4 <sup>3/16</sup>	SAF 23024 K/4 3/16	SAF 024 K/4 3/16	23024 K	SNW 3024 /4 3/16	LER 113	(1) SR 20-17
4 <sup>7/16</sup>	SAF 23026 K/4 7/16	SAF 026 K/4 7/16	23026 K	SNW 3026 /4 7/16	LER 117	(1) SR 22-19
4 <sup>15/16</sup>	SAF 23028 K/4 15/16	SAF 028 K/4 15/16	23028 K	SNW 3028 /4 15/16	LER 122	(1) SR 0-20
5 <sup>3/16</sup>	SAF 23030 K/5 3/16	SAF 030 K/5 3/16	23030 K	SNW 3030 /5 3/16	LER 125	(1) SR 0-21
5 <sup>7/16</sup>	SAF 23032 K/5 7/16	SAF 032 K/5 7/16	23032 K	SNW 3032 /5 7/16	LER 130	(1) SR 0-22
5 <sup>15/16</sup>	SAF 23034 K/5 15/16	SAF 034 K/5 15/16	23034 K	SNW 3034 /5 15/16	LER 140	(1) SR 0-24
6 <sup>7/16</sup>	SAF 23036 K/6 7/16	SAF 036 K/6 7/16	23036 K	SNW 3036 /6 7/16	LER 148	(1) SR 0-26
6 <sup>15/16</sup>	SAF 23038 K/6 15/16	SAF 038 K/6 15/16	23038 K	SNW 3038 /6 15/16	LER 155	(1) SR 32-0
7 <sup>3/16</sup>	SAF 23040 K/7 3/16	SAF 040 K/7 3/16	23040 K	SNW 3040 /7 3/16	LER 159	(1) SR 34-0
7 <sup>15/16</sup>	SAF 23044 K/7 15/16	SAF 044 K/7 15/16	23044 K	SNW 3044 /7 15/16	LER 167	(1) SR 38-32
8 <sup>7/16</sup>	SAF 23048 K/8 7/16	SAF 048 K/8 7/16	23048 K	SNP 3048 /8 7/16	LER 526	(2) A 8897
8 <sup>1/2</sup>	SAF 23048 K/8 1/2	SAF 048 K/8 1/2	23048 K	SNP 3048 /8 1/2	LER 527	(2) A 8897
8 <sup>15/16</sup>	SAF 23048 K/8 15/16	SAF 048 K/8 15/16	23048 K	SNP 3048 /8 15/16	LER 529	(2) A 8897
9	SAF 23048 K/9	SAF 048 K/9	23048 K	SNP 3048 /9	LER 530	(2) A 8897
9 <sup>7/16</sup>	SAF 23052 K/9 7/16	SAF 052 K/9 7/16	23052 K	SNP 3052 /9 7/16	LER 178-1	(2) A 8898
9 <sup>1/2</sup>	SAF 23052 K/9 1/2	SAF 052 K/9 1/2	23052 K	SNP 3052 /9 1/2	LER 178	(2) A 8898
9 <sup>15/16</sup>	SAF 23056 K/9 15/16	SAF 056 K/9 15/16	23056 K	SNP 3056 /9 15/16	ER 751	(2) A 8819
10	SAF 23056 K/10	SAF 056 K/10	23056 K	SNP 3056 /10	ER 705	(2) A 8819
10 <sup>7/16</sup>	SAF 23056 K/10 7/16	SAF 056 K/10 7/16	23056 K	SNP 3056 /10 7/16	ER 745	(2) A 8819
10 <sup>1/2</sup>	SAF 23056 K/10 1/2	SAF 056 K/10 1/2	23056 K	SNP 3056 /10 1/2	ER 710	(2) A 8819





**SPLIT**

**SAF 230 K**

**PILLOW BLOCK DIMENSIONS**

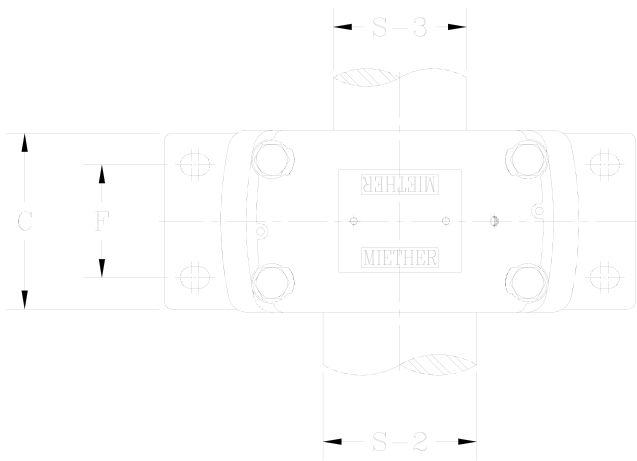
A	B	C	D	E		F	H	K STATIC OIL LEVEL	L	BOLTS (NO. REQ'D)	WEIGHT LBS. HOUSING LER, SR	COMPLETE PILLOW BLOCK NUMBER
				MAX IN.	MIN IN.							
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.		
4 1/2	15 1/4	4 3/8	1 3/4	13 1/8	11 5/8	2 3/8	8 3/4	1 3/4	6	(4)- 3/4	59	SAF 23024 K/4 3/16
4 15/16	16 1/2	4 3/4	2	14 1/2	12 5/8	2 3/4	9 5/8	1 7/8	6 1/2	(4)- 3/4	82	SAF 23026 K/4 7/16
5 1/4	16 1/2	4 3/4	2 1/8	14 1/2	13 1/4	2 3/4	10 1/4	1 15/16	7 3/8	(4)- 3/4	93	SAF 23028 K/4 15/16
6	18 3/8	5 1/8	2 3/8	16	14 5/8	3 1/4	11 9/16	2 7/16	8	(4)- 7/8	135	SAF 23030 K/5 3/16
6	18 3/8	5 1/8	2 3/8	16	14 5/8	3 1/4	11 9/16	2 7/16	8	(4)- 7/8	132	SAF 23032 K/5 7/16
6	20 1/8	5 7/8	2 3/8	17 1/8	16	3 3/8	11 3/4	2 1/8	7 5/8	(4)- 1	139	SAF 23034 K/5 15/16
6 11/16	22	6 1/4	2 5/8	19 1/4	17 3/8	3 3/4	13 1/2	2 3/16	8 3/4	(4)- 1	169	SAF 23036 K/6 7/16
6 11/16	22	6 1/4	2 5/8	19 1/4	17 3/8	3 3/4	13 1/2	2 3/16	8 3/4	(4)- 1	170	SAF 23038 K/6 15/16
7 1/16	24 3/4	6 3/4	2 3/4	21 5/8	19 3/8	4 1/4	14 3/8	2 5/16	9 5/8	(4)- 1	225	SAF 23040 K/7 3/16
7 7/8	28	7 1/2	3 1/8	24 3/8	21 5/8	4 1/2	15 7/8	2 5/8	10 5/8	(4)- 1 1/4	315	SAF 23044 K/7 15/16
8 1/4	29 1/2	8	3 3/8	25	22 1/2	5	16 11/16	2 1/4	11 1/8	(4)- 1 1/4	337	SAF 23048 K/8 7/16
8 1/4	29 1/2	8	3 3/8	25	22 1/2	5	16 11/16	2 1/4	11 1/8	(4)- 1 1/4	337	SAF 23048 K/8 1/2
8 1/4	29 1/2	8	3 3/8	25	22 1/2	5	16 11/16	2 1/4	11 1/8	(4)- 1 1/4	337	SAF 23048 K/8 15/16
8 1/4	29 1/2	8	3 3/8	25	22 1/2	5	16 11/16	2 1/4	11 1/8	(4)- 1 1/4	335	SAF 23048 K/9
9 1/2	32 3/4	8 3/4	3 3/4	27 7/8	24 3/4	5 1/4	18 13/16	2 15/16	11 7/8	(4)- 1 1/2	445	SAF 23052 K/9 7/16
9 1/2	32 3/4	8 3/4	3 3/4	27 7/8	24 3/4	5 1/4	18 13/16	2 15/16	11 7/8	(4)- 1 1/2	445	SAF 23052 K/9 1/2
9 7/8	34 1/4	9	4	29 1/2	26 1/4	5 1/2	20 3/16	2 15/16	12 1/16	(4)- 1 1/2	588	SAF 23056 K/9 15/16
9 7/8	34 1/4	9	4	29 1/2	26 1/4	5 1/2	20 3/16	2 15/16	12 1/16	(4)- 1 1/2	588	SAF 23056 K/10
9 7/8	34 1/4	9	4	29 1/2	26 1/4	5 1/2	20 3/16	2 15/16	12 1/16	(4)- 1 1/2	588	SAF 23056 K/10 7/16
9 7/8	34 1/4	9	4	29 1/2	26 1/4	5 1/2	20 3/16	2 15/16	12 1/16	(4)- 1 1/2	588	SAF 23056 K/10 1/2

All housings come with stabilizing ring. Use for fixed, discard for float. Use only one "Fixed" bearing per shaft.



## HOW TO ORDER:

- When you order SDAF 22220 you receive;
  - 1 SDAF 220 Housing (Housing, seal rings and stabilizing ring).
  - 1 No. 22220 Bearing.
  - 1 No. AN 20 Locknut, 1 No. W 20 Lockwasher.
- If you order a closed housing the proper end plug is included.
- All housings include stabilizing ring, either use or discard.
- Always specify shaft size when ordering.
- Housing styles include;
  - SDAF - Cast Iron                      SDAFD - Ductile Iron
  - SDAFS - Cast Steel
- All Miether housings have four bolt cap.
- The sizes listed below are standard items.



## SDAF 222 CYLINDRICAL MOUNTED PILLOW BLOCK PART NUMBERS

SHAFT DIAMETER		COMPLETE PILLOW BLOCK NUMBER	PILLOW BLOCK HOUSING ONLY	BEARING NUMBER	LOCKNUT	LOCK-WASHER	TRIPLE SEAL RING		STABILIZING RING (1 REQUIRED)
S-2 IN.	S-3 IN.						S-2 SHAFT	S-3 SHAFT	
						1 REQD'	1 REQD'		
4 1/2	3 13/16	SDAF 22220	SDAF 220	22220	AN20	W 20	LER 118	LER 106	SR- 20-17
4 7/8	4 3/16	*SDAFS 22222	SDAFS 222	22222	AN22	W 22	LER 121	LER 113	SR- 22-19
5 5/16	4 9/16	SDAF 22224	SDAF 224	22224	AN24	W 24	LER 127	LER 119	SR- 24-20
5 7/8	4 15/16	SDAF 22226	SDAF 226	22226	AN26	W 26	LER 136	LER 122	SR- 26-0
6 1/4	5 5/16	*SDAFS 22228	SDAFS 228	22228	AN28	W 28	LER 144	LER 127	SR- 28-0
6 5/8	5 3/4	SDAF 22230	SDAF 230	22230	AN30	W 30	LER 151	LER 134	SR- 30-0
7	6 1/16	SDAF 22232	SDAF 232	22232	AN32	W 32	LER 156	LER 142	SR- 32-0
7 7/16	6 7/16	SDAF 22234	SDAF 234	22234	AN34	W 34	LER 161	LER 148	SR- 34-0
7 13/16	6 7/8	SDAF 22236	SDAF 236	22236	AN36	W 36	LER 165	LER 154	SR- 36-30
8 3/8	7 1/4	SDAF 22238	SDAF 238	22238	AN38	W 38	LER 240	LER 229	SR- 38-32
8 3/4	7 5/8	SDAF 22240	SDAF 240	22240	AN40	W 40	LER 244	LER 233	SR- 40-34
9 9/16	8 5/16	SDAF 22244	SDAF 244	22244	N44	W 44	LER 248	LER 239	SR- 44-38

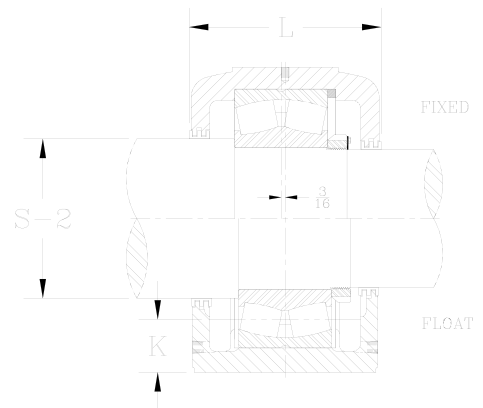
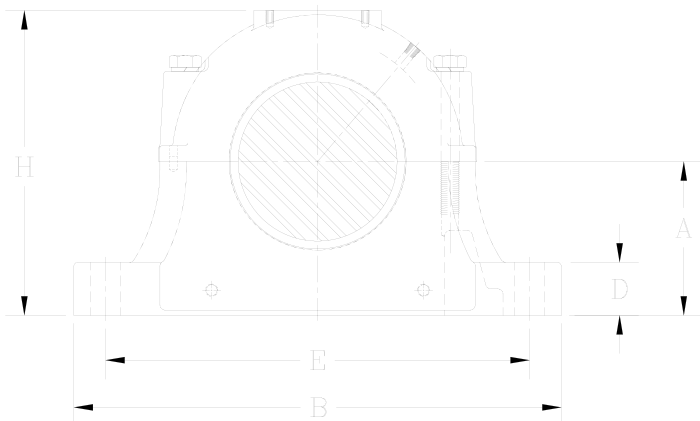
\* AVAILABLE IN STEEL ONLY

All housings come with stabilizing ring. Use for fixed, discard for float. Use only one "Fixed" bearing per shaft.

## SDAF 223 CYLINDRICAL MOUNTED PILLOW BLOCK PART NUMBERS

SHAFT DIAMETER		COMPLETE PILLOW BLOCK NUMBER	PILLOW BLOCK HOUSING ONLY	BEARING NUMBER	LOCKNUT	LOCK-WASHER	TRIPLE SEAL RING		STABILIZING RING (1 REQUIRED)
S-2 IN.	S-3 IN.						S-2 SHAFT	S-3 SHAFT	
						1 REQD'	1 REQD'		
3 15/16	3 3/16	SDAF 22317	SDAF 317	22317	AN 17	W 17	LER 109	LER 188	SR- 20-17
4 1/8	3 3/8	SDAF 22318	SDAF 318	22318	AN 18	W 18	LER 112	LER 191	SR- 21-18
4 1/2	3 13/16	SDAF 22320	SDAF 320	22320	AN 20	W 20	LER 118	LER 106	SR- 24-20
4 7/8	4 3/16	SDAF 22322	SDAF 322	22322	AN 22	W 22	LER 121	LER 113	SR- 0-22
5 5/16	4 9/16	SDAF 22324	SDAF 324	22324	AN 24	W 24	LER 127	LER 119	SR- 0-24
5 7/8	4 15/16	SDAF 22326	SDAF 326	22326	AN 26	W 26	LER 136	LER 122	SR- 0-26
6 1/4	5 5/16	SDAF 22328	SDAF 328	22328	AN 28	W 28	LER 144	LER 127	SR- 0-28
6 5/8	5 3/4	SDAF 22330	SDAF 330	22330	AN 30	W 30	LER 151	LER 134	SR- 36-30
7	6 1/16	SDAF 22332	SDAF 332	22332	AN 32	W 32	LER 225	LER 217	SR- 38-32
7 7/16	6 7/16	SDAF 22334	SDAF 334	22334	AN 34	W 34	LER 230	LER 220	SR- 40-34
7 13/16	6 7/8	SDAF 22336	SDAF 336	22336	AN 36	W 36	LER 234	LER 223	SR- 0-36
8 3/8	7 1/4	SDAF 22338	SDAF 338	22338	AN 38	W 38	LER 240	LER 229	SR- 44-38
8 3/4	7 5/8	SDAF 22340	SDAF 340	22340	AN 40	W 40	LER 244	LER 233	SR- 0-40





**SPLIT**

**SDAF 222**

**PILLOW BLOCK DIMENSIONS**

A	B	C	D	E		F	H	K STATIC OIL LEVEL	L	BOLTS (NO. REQ'D)	WEIGHT LBS. HOUSING LER, SR	COMPLETE PILLOW BLOCK NUMBER
				MAX IN.	MIN IN.							
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.		
4 1/2	15 1/4	6	1 7/8	13 1/8	11 5/8	3 3/8	8 15/16	1 3/4	6 3/4	(4)- 3/4	76	SDAF 22220
4 15/16	16 1/2	6 3/4	2 1/8	14 1/2	12 5/8	4	9 7/8	1 7/8	7 1/4	(4)- 7/8	101	*SDAFS 22222
5 1/4	16 1/2	6 7/8	2 1/4	14 1/2	13 1/4	4 1/8	10 1/2	1 15/16	7 3/8	(4)- 7/8	99	SDAF 22224
6	18 3/8	7 1/2	2 3/8	16	14 5/8	4 1/2	11 7/8	2 7/16	8	(4)- 1	153	SDAF 22226
6	20 1/8	7 1/2	2 3/8	17 1/8	16	4 1/2	12 1/16	2 1/8	7 13/16	(4)- 1 1/8	160	*SDAFS 22228
6 5/16	21 1/4	7 7/8	2 1/2	18 1/4	17	4 3/4	12 13/16	2 3/16	8 3/8	(4)- 1 1/8	181	SDAF 22230
6 11/16	22	8 1/4	2 1/2	19 1/4	17 3/8	5	13 11/16	2 3/16	8 3/4	(4)- 1 1/8	214	SDAF 22232
7 1/16	24 3/4	9	2 1/2	21 5/8	19 3/8	5 1/2	14 1/4	2 5/16	9 5/8	(4)- 1 1/4	261	SDAF 22234
7 1/2	26 3/4	9 3/8	2 3/4	23 5/8	20 7/8	5 7/8	15 3/16	2 9/16	10	(4)- 1 1/4	333	SDAF 22236
7 7/8	27 5/8	10	3	23 1/2	21 1/2	6 1/4	16 1/4	2 5/8	10 5/8	(4)- 1 3/8	379	SDAF 22238
8 1/4	28 3/4	10 1/2	3 1/4	25	23	6 3/4	17 1/8	2 11/16	11 1/8	(4)- 1 3/8	420	SDAF 22240
9 1/2	32	11 1/4	3 1/2	27 7/8	25 5/8	7 1/4	19 1/4	3 3/8	12 3/16	(4)- 1 1/2	624	SDAF 22244

\* AVAILABLE IN STEEL ONLY

All housings come with stabilizing ring. Use for fixed, discard for float. Use only one "Fixed" bearing per shaft.

**SDAF 223**

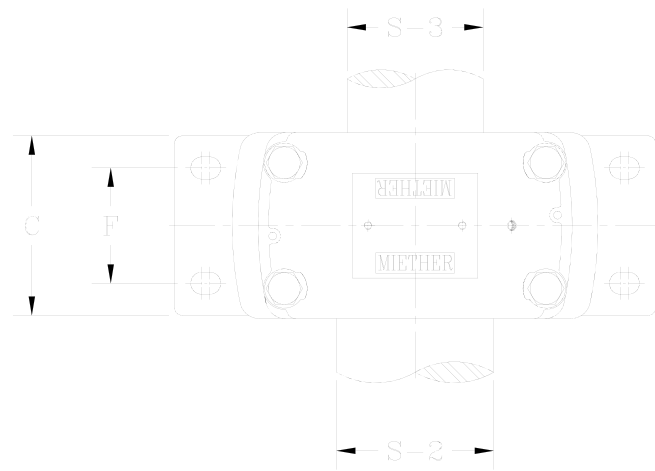
**PILLOW BLOCK DIMENSIONS**

A	B	C	D	E		F	H	K STATIC OIL LEVEL	L	BOLTS (NO. REQ'D)	WEIGHT LBS. HOUSING LER, SR	COMPLETE PILLOW BLOCK NUMBER
				MAX IN.	MIN IN.							
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.		
4 1/2	15 1/4	6	1 7/8	13 1/8	11 5/8	3 3/8	8 15/16	1 13/16	6 3/4	(4)- 3/4	77	SDAF 22317
4 3/4	15 1/2	6 1/8	2	13 1/2	12	3 5/8	9 7/16	2	6 7/8	(4)- 3/4	93	SDAF 22318
5 1/4	16 1/2	6 7/8	2 1/4	14 1/2	13 1/4	4 1/8	10 1/2	2 1/8	7 3/8	(4)- 7/8	101	SDAF 22320
6	18 3/8	7 1/2	2 3/8	16	14 5/8	4 1/2	11 7/8	2 1/2	8	(4)- 1	147	SDAF 22322
6 5/16	21 1/4	7 7/8	2 1/2	18 1/4	17	4 3/4	12 13/16	2 9/16	8 3/8	(4)- 1 1/8	173	SDAF 22324
6 11/16	22	8 1/4	2 1/2	19 1/4	17 3/8	5	13 11/16	2 5/8	8 3/4	(4)- 1 1/8	205	SDAF 22326
7 1/16	24 3/4	9	2 1/2	21 5/8	19 3/8	5 1/2	14 1/4	2 11/16	9 5/8	(4)- 1 1/4	250	SDAF 22328
7 1/2	26 3/4	9 3/8	2 3/4	23 5/8	20 7/8	5 7/8	15 3/16	2 7/8	9 3/4	(4)- 1 1/4	319	SDAF 22330
7 7/8	27 5/8	10	3	23 1/2	21 1/2	6 1/4	16 1/4	2 15/16	10 5/8	(4)- 1 3/8	363	SDAF 22332
8 1/4	28 3/4	10 1/2	3 1/4	25	23	6 3/4	17 1/8	3 1/16	11 1/8	(4)- 1 3/8	401	SDAF 22334
8 7/8	30 1/2	10 3/4	3 1/4	26 3/8	24 1/8	6 7/8	17 15/16	3 3/8	11 3/8	(4)- 1 1/2	509	SDAF 22336
9 1/2	32	11 1/4	3 1/2	27 7/8	25 5/8	7 1/4	19 1/4	3 11/16	11 13/16	(4)- 1 1/2	568	SDAF 22338
9 7/8	33 1/2	11 3/4	3 1/2	29 1/4	26 5/8	7 5/8	19 15/16	3 3/4	12 3/16	(4)- 1 5/8	599	SDAF 22340



## HOW TO ORDER:

- When you order SDAF 23156 you receive;  
1 SDAF 3156 Housing (Housing, seal rings and stabilizing ring).
- 1 No. 23156 Bearing.
- 1 No. N 056 Locknut, 1 No. P 56 Lockplate.
- If you order a closed housing the proper end plug is included.
- All housings include stabilizing ring, either use or discard.
- Always specify shaft size when ordering.
- Housing styles include;
  - SDAF Cast Iron
  - SDAFS Cast Steel
  - SDAFD Ductile Iron



## SDAF 231 CYLINDRICAL MOUNTED PILLOW BLOCK PART NUMBERS

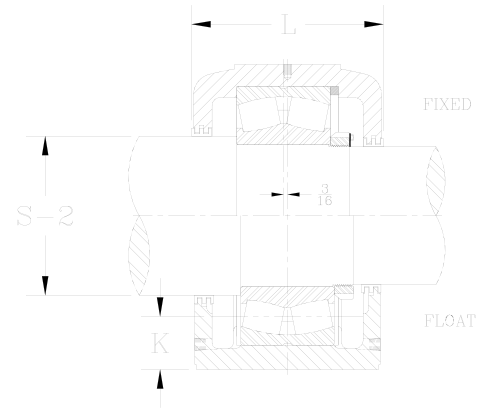
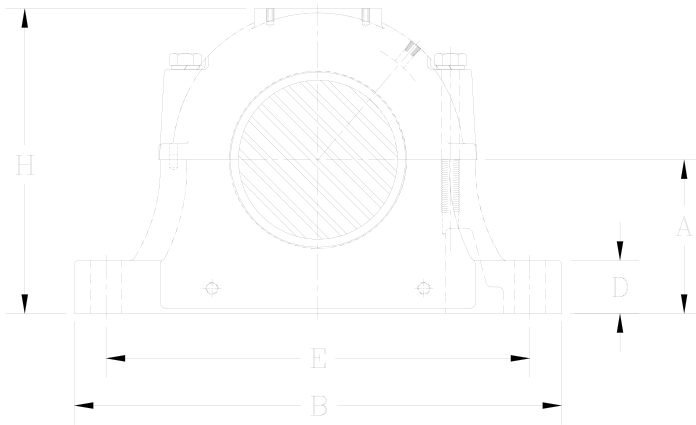
SHAFT DIAMETER		COMPLETE PILLOW BLOCK NUMBER	PILLOW BLOCK HOUSING ONLY	BEARING NUMBER	LOCKNUT	LOCK-PLATE	TRIPLE SEAL RING		STABILIZING RING (2 REQUIRED)
S-2 IN.	S-3 IN.						S-2 SHAFT 1 REQD'	S-3 SHAFT 1 REQD'	
11 1/2	9 15/16	SDAF 23152	SDAF 3152	23152	N 052	P 52	ER 832	ER 845	A- 5679
12 1/2	10 3/4	SDAF 23156	SDAF 3256	23156	N 056	P 56	ER 866	ER 826	A- 8967
13	11 1/2	SDAF 23160	SDAF 3160	23160	N 060	P 60	ER 824	ER 832	A- 8975
14	12 1/4	SDAF 23164	SDAF 3164	23164	N 064	P 64	ER 876	ER 983	A- 8970
15	13	SDAF 23168	SDAF 3168	23168	N 068	P 68	ER 847	ER 846	A- 8977
16	13 3/4	SDAF 23172	SDAF 3172	23172	N 072	P 72	ER 809	ER 874	A- 8974
17	14 1/2	SDAF 23176	SDAF 3176	23176	N 076	P 76	ER 811	ER 950	A- 8978
17 1/2	15 1/4	SDAF 23180	SDAF 3180	23180	N 080	P 80	ER 967	ER 895	A- 8979
18 1/2	15 3/4	SDAF 23184	SDAF 3184	23184	N 084	P 84	ER 978	ER 907	A- 8984
19 1/2	17	SDAF 23188	SDAF 3188	23188	N 088	P 88	ER 926	ER 838	A- 8976
20	17 3/4	SDAF 23192	SDAF 3192	23192	N 092	P 92	ER 808	ER 906	A- 8990
N/A	N/A	SDAF 23196	SDAF 3196	23196	N 096	P 96			A- 8988
N/A	N/A	SDAF 231/500	SDAF 31/500	231/500	N 500	P 500			
N/A	N/A	SDAF 231/530	SDAF 31/530	231/530	N 530	P 530			
N/A	N/A	SDAF 231/560	SDAF 31/560	231/560	N 560	P 560			

All housings come with stabilizing ring. Use for fixed, discard for float. Use only one "Fixed" bearing per shaft.

## SDAF 232 CYLINDRICAL MOUNTED PILLOW BLOCK PART NUMBERS

SHAFT DIAMETER		COMPLETE PILLOW BLOCK NUMBER	PILLOW BLOCK HOUSING ONLY	BEARING NUMBER	LOCKNUT	LOCK-PLATE	TRIPLE SEAL RING		STABILIZING RING (2 REQUIRED)
S-2 IN.	S-3 IN.						S-2 SHAFT 1 REQD'	S-3 SHAFT 1 REQD'	
10 1/2	9 3/16	SDAF 23248	SDAF 3248	23248	N 048	P 48	ER 840	ER 923	A- 5679
11 1/2	9 15/16	SDAF 23252	SDAF 3252	23252	N 052	P 52	ER 832	ER 845	A- 8968
12 1/2	10 3/4	SDAF 23256	SDAF 3256	23256	N 056	P 56	ER 866	ER 826	A- 8975
13	11 1/2	SDAF 23260	SDAF 3260	23260	N 060	P 60	ER 846	ER 856	A- 8970
14	12 1/4	SDAF 23264	SDAF 3264	23264	N 064	P 64	ER 876	ER 983	A- 8977
15	13	SDAF 23268	SDAF 3268	23268	N 068	P 68	ER 847	ER 846	A- 8978
16	13 3/4	SDAF 23272	SDAF 3272	23272	N 072	P 72	ER 965	ER 981	A- 8979
17	14 1/2	SDAF 23276	SDAF 3276	23276	N 076	P 76	ER 838	ER 984	A- 8980
17 1/2	15 1/4	SDAF 23280	SDAF 3280	23280	N 080	P 80	ER 967	ER 895	A- 8976
18 1/2	15 3/4	SDAF 23284	SDAF 3284	23284	N 084	P 84	ER 978	ER 907	A- 990
19 1/2	17	SDAF 23288	SDAF 3288	23288	N 088	P 88	ER 926	ER 838	A- 8988
20	17 3/4	SDAF 23292	SDAF 3292	23292	N 092	P 92	ER 808	ER 906	
N/A	N/A	SDAF 23296	SDAF 3296	23296	N 096	P 96			
N/A	N/A	SDAF 232/500	SDAF 32/500	232/500					





**SPLIT**

**SDAF 231**

**PILLOW BLOCK DIMENSIONS**

A	B	C	D	E		F	H	K	L	BOLTS (NO. REQ'D)	WEIGHT LBS. HOUSING LER, SR	COMPLETE PILLOW BLOCK NUMBER
				MAX IN.	MIN IN.							
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.		
10 1/4	35	14 1/2	3 3/4	30 1/2	29	8 3/4	20 1/2	3 1/8	14 1/8	(4)- 1 5/8	792	SDAF 23152
12	38 1/4	14 3/4	3 1/2	33 1/2	32 3/4	9	24	4 1/2	15 1/2	(4)- 1 5/8	1000	SDAF 23156
12	38 1/4	15 1/8	3 1/2	33 1/2	32 3/4	9	24	3 7/8	16 1/2	(4)- 1 5/8	1032	SDAF 23160
12 13/16	41 3/4	15 3/4	4 1/2	36 1/2	35	10 1/2	26	4 1/16	16 1/4	(4)- 1 7/8	1339	SDAF 23164
14	43 3/4	18 1/4	5	38 1/4	36 3/4	10 3/4	28	4 5/8	18	(4)- 2	1720	SDAF 23168
14 1/2	46	17 1/8	5	40 3/4	39 1/4	11	28 3/4	4 5/8	18	(4)- 2	1848	SDAF 23172
14 1/2	46	17 1/8	5	40 3/4	39 1/4	11	28 3/4	4 9/32	18	(4)- 2	1780	SDAF 23176
15 1/2	48 3/4	18 3/4	5 1/2	43 1/2	41 1/2	12 1/4	31	4 13/16	19 3/8	(4)- 2 1/4	2415	SDAF 23180
17	52 3/4	22 1/4	5 1/2	46 5/8	44 1/2	14 1/2	34	5 19/32	21 3/4	(4)- 2 1/4	3149	SDAF 23184
17	52 3/4	22 1/4	5 1/2	46 5/8	44 1/2	14 1/2	34	5 5/16	21 3/4	(4)- 2 1/4	3063	SDAF 23188
18	54 1/4	21 5/8	5 3/4	48 7/8	47 1/8	15	35 3/4	5 7/16	22 3/4	(4)- 2 1/2	3465	SDAF 23192
18	54 1/4	21 5/8	5 3/4	48 7/8	47 1/8	15	35 3/4	5 3/16	22 3/4	(4)- 2 1/2	3309	SDAF 23196
18	54 1/4	21 5/8	5 3/4	48 7/8	47 1/8	15	35 3/4		22 3/4	(4)- 2 1/2	2956	SDAF 231/500
20	60	22	6	54	52 1/2	16	40		24 5/8	(4)- 3	4620	SDAF 231/530
20	60	22	6	54	52 1/2	16	40		24 5/8	(4)- 3	4282	SDAF 231/560

All housings come with stabilizing ring. Use for fixed, discard for float. Use only one "Fixed" bearing per shaft.

**SDAF 232**

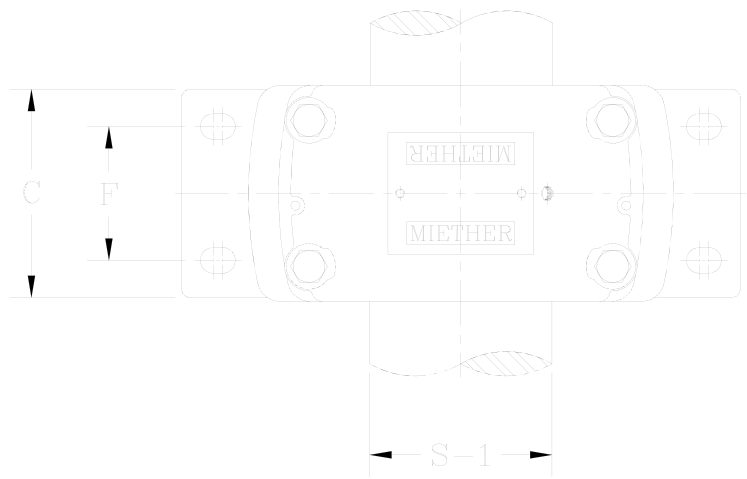
**PILLOW BLOCK DIMENSIONS**

A	B	C	D	E		F	H	K	L	BOLTS (NO. REQ'D)	WEIGHT LBS. HOUSING LER, SR	COMPLETE PILLOW BLOCK NUMBER
				MAX IN.	MIN IN.							
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.		
10 1/4	35	14 1/2	3 3/4	30 1/2	29	8 3/4	20 1/2	3 9/32	14 1/8	(4)- 1 5/8	792	SDAF 23248
12	38 1/4	15 1/8	3 1/2	33 1/2	32 3/4	9	24	4 3/8	16 1/2	(4)- 1 5/8	949	SDAF 23252
12	38 1/4	15 1/8	3 1/2	33 1/2	32 3/4	9	24	4	16 1/2	(4)- 1 5/8	888	SDAF 23256
12 13/16	41 3/4	15 3/4	4 1/2	36 1/2	35	10 1/2	26	4 3/32	16 1/4	(4)- 1 7/8	1339	SDAF 23260
14	43 3/4	18 1/4	5	38 1/4	36 3/4	10 3/4	28	4 3/4	18	(4)- 2	1720	SDAF 23264
14 1/2	46	17 1/8	5	40 3/4	39 1/4	11	28 3/4	4 17/32	18	(4)- 2	1848	SDAF 23268
15 1/2	48 3/4	18 3/4	5 1/2	43 1/2	41 1/2	12 1/4	31	5 1/8	19 3/8	(4)- 2 1/4	2415	SDAF 23272
15 1/2	48 3/4	18 3/4	5 1/2	43 1/2	41 1/2	12 1/4	31	4 9/16	19 3/8	(4)- 2 1/4	2286	SDAF 23276
17	52 3/4	22 1/4	5 1/2	46 5/8	44 1/2	14 1/2	34	5 5/8	21 3/4	(4)- 2 1/4	3149	SDAF 23280
18	54 1/4	21 5/8	5 3/4	48 7/8	47 1/8	15	35 3/4	5 25/32	22 3/4	(4)- 2 1/2	3465	SDAF 23284
18	54 1/4	21 5/8	5 3/4	48 7/8	47 1/8	15	35 3/4	5 1/4	22 3/4	(4)- 2 1/2	3309	SDAF 23288
18	54 1/4	21 5/8	5 3/4	48 7/8	47 1/8	15	35 3/4		22 3/4	(4)- 2 1/2	2956	SDAF 23292
20	60	22	6	54	52 1/2	16	40		24 5/8	(4)- 3	4620	SDAF 23296
20	60	22	6	54	52 1/2	16	40		24 5/8	(4)- 3	4282	SDAF 232/500



## HOW TO ORDER:

- When you order SDAF 22520 you receive;
  - 1 SDAF 520 Housing (Housing, seal rings and stabilizing ring).
  - 1 No. 22220 K Bearing.
  - 1 No. SNW 20 Adapter (Sleeve, Locknut and Lockwasher).
- If you order a closed housing the proper end plug is included.
- All housings include stabilizing ring, either use or discard.
- Always specify shaft size when ordering.
- Housing styles include;
  - SDAF - Cast Iron      SDAFD - Ductile Iron
  - SDAFS - Cast Steel
- All Miether housings have four bolt cap.
- The sizes listed below are standard items.



## SDAF 225 ADAPTER MOUNTED PILLOW BLOCK PART NUMBERS

SHAFT DIAMETER S-1 IN.	COMPLETE PILLOW BLOCK NUMBER	PILLOW BLOCK HOUSING ONLY	BEARING NUMBER	ADAPTER LOCKNUT AND LOCKWASHER	TRIPLE SEAL RING (2 REQUIRED)	STABILIZING RING (1 REQUIRED)
3 7/16	SDAF 22520	SDAF 520	22220 K	SNW 20	LER 102	SR- 20-17
3 15/16	*SDAFS 22522	SDAFS 522	22222 K	SNW 22	LER 109	SR- 22-19
4 3/16	SDAF 22524	SDAF 524	22224 K	SNW 24	LER 113	SR- 24-20
4 7/16	SDAF 22526	SDAF 526	22226 K	SNW 26	LER 117	SR- 26-0
4 15/16	*SDAFS 22528	SDAFS 528	22228 K	SNW 28	LER 122	SR- 28-0
5 3/16	SDAF 22530	SDAF 530	22230 K	SNW 30	LER 125	SR- 30-0
5 7/16	SDAF 22532	SDAF 532	22232 K	SNW 32	LER 130	SR- 32-0
5 15/16	SDAF 22534	SDAF 534	22234 K	SNW 34	LER 140	SR- 34-0
6 7/16	SDAF 22536	SDAF 536	22236 K	SNW 36	LER 148	SR- 36-30
6 15/16	SDAF 22538	SDAF 538	22238 K	SNW 38	LER 224	SR- 38-32
7 3/16	SDAF 22540	SDAF 540	22240 K	SNW 40	LER 228	SR- 40-34
7 15/16	SDAF 22544	SDAF 544	22244 K	SNW 44	LER 236	SR- 44-38

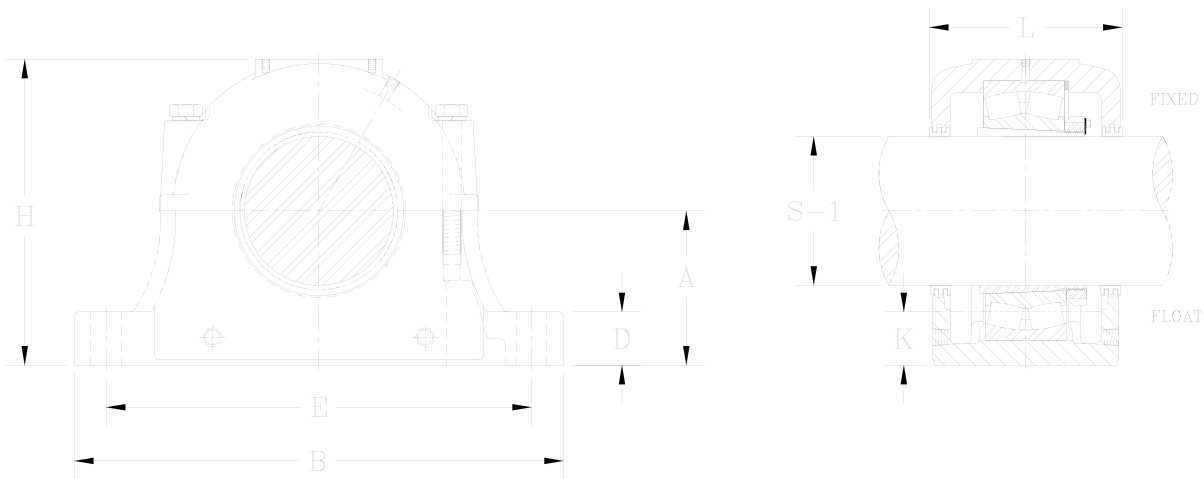
\* AVAILABLE IN STEEL ONLY

All housings come with stabilizing ring. Use for fixed, discard for float. Use only one "Fixed" bearing per shaft.

## SDAF 226 ADAPTER MOUNTED PILLOW BLOCK PART NUMBERS

SHAFT DIAMETER S-1 IN.	COMPLETE PILLOW BLOCK NUMBER	PILLOW BLOCK HOUSING ONLY	BEARING NUMBER	ADAPTER LOCKNUT AND LOCKWASHER	TRIPLE SEAL RING (2 REQUIRED)	STABILIZING RING (1 REQUIRED)
2 15/16	SDAF 22617	SDAF 617	22317 K	SNW 117	LER 53	SR- 20-17
3 3/16	SDAF 22618	SDAF 618	22318 K	SNW 118	LER 188	SR- 21-18
3 7/16	SDAF 22620	SDAF 620	22320 K	SNW 120	LER 102	SR- 24-20
3 15/16	SDAF 22622	SDAF 622	22322 K	SNW 122	LER 93	SR- 0-22
4 3/16	SDAF 22624	SDAF 624	22324 K	SNW 124	LER 113	SR- 0-24
4 7/16	SDAF 22626	SDAF 626	22326 K	SNW 126	LER 117	SR- 0-26
4 15/16	SDAF 22628	SDAF 628	22328 K	SNW 128	LER 122	SR- 0-28
5 3/16	SDAF 22630	SDAF 630	22330 K	SNW 130	LER 125	SR- 36-30
5 7/16	SDAF 22632	SDAF 632	22332 K	SNW 132	LER 211	SR- 38-32
5 15/16	SDAF 22634	SDAF 634	22334 K	SNW 134	LER 215	SR- 40-34
6 7/16	SDAF 22636	SDAF 636	22336 K	SNW 136	LER 220	SR- 0-36
6 15/16	SDAF 22638	SDAF 638	22338 K	SNW 138	LER 224	SR- 44-38
7 3/16	SDAF 22640	SDAF 640	22340 K	SNW 140	LER 228	SR- 0-40





**SPLIT**

**SDAF 225**

**PILLOW BLOCK DIMENSIONS**

A	B	C	D	E		F	H	K STATIC OIL LEVEL	L	BOLTS (NO. REQ'D)	WEIGHT LBS. HOUSING LER, SR	COMPLETE PILLOW BLOCK NUMBER
				MAX IN.	MIN IN.							
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.		
4 1/2	15 1/4	6	1 7/8	13 1/8	11 5/8	3 3/8	8 15/16	1 3/4	6 3/4	(4)- 3/4	77	SDAF 22520
4 15/16	16 1/2	6 3/4	2 1/8	14 1/2	12 5/8	4	9 7/8	1 7/8	7 1/4	(4)- 7/8	103	*SDAFS 22522
5 1/4	16 1/2	6 7/8	2 1/4	14 1/2	13 1/4	4 1/8	10 1/2	1 15/16	7 3/8	(4)- 7/8	102	SDAF 22524
6	18 3/8	7 1/2	2 3/8	16	14 5/8	4 1/2	11 7/8	2 7/16	8	(4)- 1	156	SDAF 22526
6	20 1/8	7 1/2	2 3/8	17 1/8	16	4 1/2	12 1/16	2 1/8	7 13/16	(4)- 1 1/8	171	*SDAFS 22528
6 5/16	21 1/4	7 7/8	2 1/2	18 1/4	17	4 3/4	12 13/16	2 3/16	8 3/8	(4)- 1 1/8	185	SDAF 22530
6 11/16	22	8 1/4	2 1/2	19 1/4	17 3/8	5	13 11/16	2 3/16	8 3/4	(4)- 1 1/8	217	SDAF 22532
7 1/16	24 3/4	9	2 1/2	21 5/8	19 3/8	5 1/2	14 1/4	2 5/16	9 5/8	(4)- 1 1/4	267	SDAF 22534
7 1/2	26 3/4	9 3/8	2 3/4	23 5/8	20 7/8	5 7/8	15 3/16	2 9/16	10	(4)- 1 1/4	340	SDAF 22536
7 7/8	27 5/8	10	3	23 1/2	21 1/2	6 1/4	16 1/4	2 5/8	10 5/8	(4)- 1 3/8	387	SDAF 22538
8 1/4	28 3/4	10 1/2	3 1/4	25	23	6 3/4	17 1/8	2 11/16	11 1/8	(4)- 1 3/8	429	SDAF 22540
9 1/2	32	11 1/4	3 1/2	27 7/8	25 5/8	7 1/4	19 1/4	3 3/8	12 3/16	(4)- 1 1/2	637	SDAF 22544

\* AVAILABLE IN STEEL ONLY

All housings come with stabilizing ring. Use for fixed, discard for float. Use only one "Fixed" bearing per shaft.

**SDAF 226**

**PILLOW BLOCK DIMENSIONS**

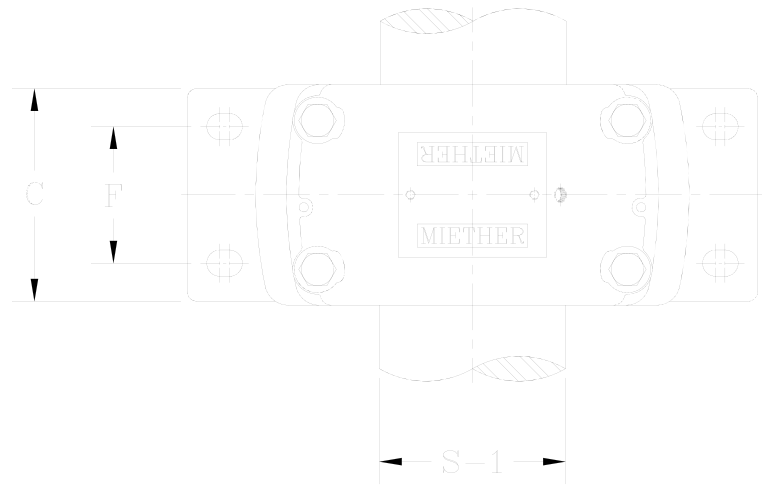
A	B	C	D	E		F	H	K STATIC OIL LEVEL	L	BOLTS (NO. REQ'D)	WEIGHT LBS. HOUSING LER, SR	COMPLETE PILLOW BLOCK NUMBER
				MAX IN.	MIN IN.							
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.		
4 1/2	15 1/4	6	1 7/8	13 1/8	11 5/8	3 3/8	8 15/16	1 13/16	6 3/4	(4)- 3/4	78	SDAF 22617
4 3/4	15 1/2	6 1/8	2	13 1/2	12	3 5/8	9 7/16	2	6 7/8	(4)- 3/4	93	SDAF 22618
5 1/4	16 1/2	6 7/8	2 1/4	14 1/2	13 1/4	4 1/8	10 1/2	2 1/8	7 3/8	(4)- 7/8	103	SDAF 22620
6	18 3/8	7 1/2	2 3/8	16	14 5/8	4 1/2	11 7/8	2 1/2	8	(4)- 1	150	SDAF 22622
6 5/16	21 1/4	7 7/8	2 1/2	18 1/4	17	4 3/4	12 13/16	2 9/16	8 3/8	(4)- 1 1/8	177	SDAF 22624
6 11/16	22	8 1/4	2 1/2	19 1/4	17 3/8	5	13 11/16	2 5/8	8 3/4	(4)- 1 1/8	209	SDAF 22626
7 1/16	24 3/4	9	2 1/2	21 5/8	19 3/8	5 1/2	14 1/4	2 11/16	9 5/8	(4)- 1 1/4	255	SDAF 22628
7 1/2	26 3/4	9 3/8	2 3/4	23 5/8	20 7/8	5 7/8	15 3/16	2 7/8	9 3/4	(4)- 1 1/4	337	SDAF 22630
7 7/8	27 5/8	10	3	23 1/2	21 1/2	6 1/4	16 1/4	2 15/16	10 5/8	(4)- 1 3/8	371	SDAF 22632
8 1/4	28 3/4	10 1/2	3 1/4	25	23	6 3/4	17 1/8	3 1/16	11 1/8	(4)- 1 3/8	410	SDAF 22634
8 7/8	30 1/2	10 3/4	3 1/4	26 3/8	24 1/8	6 7/8	17 15/16	3 3/8	11 3/8	(4)- 1 1/2	520	SDAF 22636
9 1/2	32	11 1/4	3 1/2	27 7/8	25 5/8	7 1/4	19 1/4	3 11/16	11 13/16	(4)- 1 1/2	580	SDAF 22638
9 7/8	33 1/2	11 3/4	3 1/2	29 1/4	26 5/8	7 5/8	19 15/16	3 3/4	12 3/16	(4)- 1 5/8	612	SDAF 22640





## HOW TO ORDER:

- When you order SDAF 23060 K you receive;  
1 SDAF 060 K Housing (Housing, seal rings and stabilizing ring).
- 1 No. 23060 K Bearing.
- 1 No. SNP 3060 Adapter (Sleeve, Locknut, and Lockwasher).
- If you order a closed housing the proper end plug is included.
- All housings include stabilizing ring, either use or discard.
- Always specify shaft size when ordering.
- Housing styles include;  
SDAF - Cast Iron      SDAFD - Ductile Iron  
SDAFS - Cast Steel
- All Miether housings have four bolt cap.

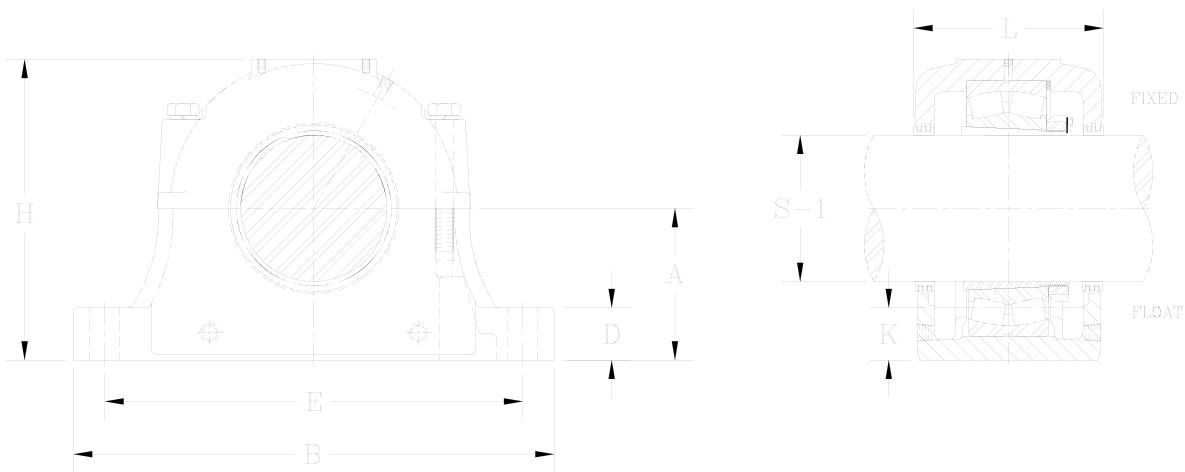


## SDAF 230 K      ADAPTER MOUNTED      PILLOW BLOCK PART NUMBERS

SHAFT DIAMETER S-1 IN.	COMPLETE PILLOW BLOCK NUMBER	PILLOW BLOCK HOUSING ONLY	BEARING NUMBER	ADAPTER LOCKNUT AND LOCKPLATE	TRIPLE SEAL RING (2 REQUIRED)	STABILIZING RING (1 REQUIRED)
10 <sup>15/16</sup>	SDAF 23060 K/10 15/16	SDAF 060 K/10 15/16	23060 K	SNP 3060 /10 15/16	ER 858	A- 8967
11	SDAF 23060 K/11	SDAF 060 K/11	23060 K	SNP 3060 /11	ER 825	A- 8967
11 <sup>7/16</sup>	SDAF 23064 K/11 7/16	SDAF 064 K/11 7/16	23064 K	SNP 3064 /11 7/16	ER 861	A- 8968
11 <sup>1/2</sup>	SDAF 23064 K/11 1/2	SDAF 064 K/11 1/2	23064 K	SNP 3064 /11 1/2	ER 832	A- 8968
11 <sup>15/16</sup>	SDAF 23064 K/11 15/16	SDAF 064 K/11 15/16	23064 K	SNP 3064 /11 15/16	ER 859	A- 8968
12	SDAF 23064 K/12	SDAF 064 K/12	23064 K	SNP 3064 /12	ER 818	A- 8968
12 <sup>7/16</sup>	SDAF 23068 K/12 7/16	SDAF 068 K/12 7/16	23068 K	SNP 3068 /12 7/16	ER 865	A- 8969
12 <sup>1/2</sup>	SDAF 23068 K/12 1/2	SDAF 068 K/12 1/2	23068 K	SNP 3068 /12 1/2	ER 866	A- 8969
12 <sup>15/16</sup>	SDAF 23072 K/12 15/16	SDAF 072 K/12 15/16	23072 K	SNP 3072 /12 15/16	ER 869	A- 8970
13	SDAF 23072 K/13	SDAF 072 K/13	23072 K	SNP 3072 /13	ER 846	A- 8970
13 <sup>7/16</sup>	SDAF 23072 K/13 7/16	SDAF 072 K/13 7/16	23072 K	SNP 3072 /13 7/16	ER 872	A- 8970
13 <sup>1/2</sup>	SDAF 23072 K/13 1/2	SDAF 072 K/13 1/2	23072 K	SNP 3072 /13 1/2	ER 823	A- 8970
13 <sup>15/16</sup>	SDAF 23076 K/13 15/16	SDAF 076 K/13 15/16	23076 K	SNP 3076 /13 15/16	ER 875	A- 8971
14	SDAF 23076 K/14	SDAF 076 K/14	23076 K	SNP 3076 /14	ER 876	A- 8971
15	SDAF 23080 K/15	SDAF 080 K/15	23080 K	SNP 3080 /15	ER 847	A- 8974
15 <sup>3/4</sup>	SDAF 23084 K/15 3/4	SDAF 084 K/15 3/4	23084 K	SNP 3084 /15 3/4	ER 885	A- 8978
16 <sup>1/2</sup>	SDAF 23088 K/16 1/2	SDAF 088 K/16 1/2	23088 K	SNP 3088 /16 1/2	ER 958	(2)A- 8979
17	SDAF 23092 K/17	SDAF 092 K/17	23092 K	SNP 3092 /17	ER 838	(2)A- 8980
18	SDAF 23096 K/18	SDAF 096 K/18	23096 K	SNP 3096 /18	ER 888	(2)A- 8984
18 <sup>1/2</sup>	SDAF 230/500 K/18 1/2	SDAF 30/500 K/18 1/2	230/500 K	SNP 30/500 18 1/2	ER 978	(2)A- 8976
19 <sup>1/2</sup>	SDAF 230/530 K/19 1/2	SDAF 30/530 K/19 1/2	230/530 K	SNP 30/530 19 1/2	ER 926	
21	SDAF 230/560 K/21	SDAF 30/560 K/21	230/560 K	SNP 30/560 21	ER 933	
22	SDAF 230/600 K/22	SDAF 30/600 K/22	230/600 K	SNP 30/600 22		
24	SDAF 230/630 K/24	SDAF 30/630 K/24	230/630 K	SNP 30/630 24		

All housings come with stabilizing ring. Use for fixed, discard for float. Use only one "Fixed" bearing per shaft.





**SPLIT**

**SDAF 230 K**

**PILLOW BLOCK DIMENSIONS**

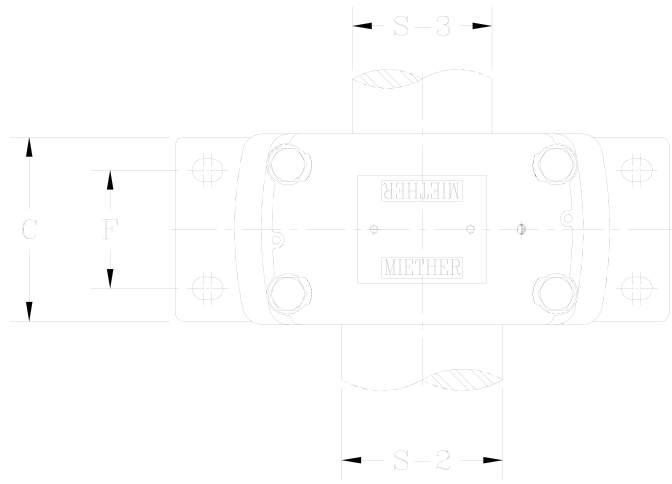
A	B	C	D	E		F	H	K5 STATIC OIL LEVEL	L	BOLTS (NO. REQ'D)	WEIGHT LBS. HOUSING LER, SR	COMPLETE PILLOW BLOCK NUMBER
				MAX IN.	MIN IN.							
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.		
12	38 1/4	14 3/4	3 1/2	33 1/2	32 3/4	9	24	4 7/16	15 1/2	(4)- 1 5/8	1011	SDAF 23060 K/10 15/16
12	38 1/4	14 3/4	3 1/2	33 1/2	32 3/4	9	24	4 7/16	15 1/2	(4)- 1 5/8	1011	SDAF 23060 K/11
12	38 1/4	15 1/8	3 1/2	33 1/2	32 3/4	9	24	4 1/16	16 1/2	(4)- 1 5/8	1010	SDAF 23064 K/11 7/16
12	38 1/4	15 1/8	3 1/2	33 1/2	32 3/4	9	24	4 1/16	16 1/2	(4)- 1 5/8	1010	SDAF 23064 K/11 1/2
12	38 1/4	15 1/8	3 1/2	33 1/2	32 3/4	9	24	4 1/16	16 1/2	(4)- 1 5/8	1010	SDAF 23064 K/11 15/16
12	38 1/4	15 1/8	3 1/2	33 1/2	32 3/4	9	24	4 1/16	16 1/2	(4)- 1 5/8	1010	SDAF 23064 K/12
12	39	15 1/4	4 3/16	33 1/2	32	10	24	3 7/16	15 3/4	(4)- 1 7/8	1075	SDAF 23068 K/12 7/16
12	39	15 1/4	4 3/16	33 1/2	32	10	24	3 7/16	15 3/4	(4)- 1 7/8	1075	SDAF 23068 K/12 1/2
12 13/16	41 3/4	15 3/4	4 1/2	36 1/2	35	10 1/2	26	3 7/8	16 1/4	(4)- 1 7/8	1353	SDAF 23072 K/12 15/16
12 13/16	41 3/4	15 3/4	4 1/2	36 1/2	35	10 1/2	26	3 7/8	16 1/4	(4)- 1 7/8	1353	SDAF 23072 K/13
12 13/16	41 3/4	15 3/4	4 1/2	36 1/2	35	10 1/2	26	3 7/8	16 1/4	(4)- 1 7/8	1353	SDAF 23072 K/13 7/16
12 13/16	41 3/4	15 3/4	4 1/2	36 1/2	35	10 1/2	26	3 7/8	16 1/4	(4)- 1 7/8	1353	SDAF 23072 K/13 1/2
12 13/16	41 3/4	15 3/4	4 1/2	36 1/2	35	10 1/2	26	3 7/16	16 1/4	(4)- 1 7/8	1739	SDAF 23076 K/13 15/16
12 13/16	41 3/4	15 3/4	4 1/2	36 1/2	35	10 1/2	26	3 7/16	16 1/4	(4)- 1 7/8	1739	SDAF 23076 K/14
14 1/2	46	17 1/8	5	40 3/4	39 1/4	11	28 3/4	4 7/16	18	(4)- 2	1868	SDAF 23080 K/15
14 1/2	46	17 1/8	5	40 3/4	39 1/4	11	28 3/4	4 1/16	18	(4)- 2	1799	SDAF 23084 K/15 3/4
15 1/2	48 3/4	18 3/4	5 1/2	43 1/2	41 1/2	12 1/4	31	4 1/2	19 3/8	(4)- 2 1/4	2440	SDAF 23088 K/16 1/2
15 1/2	48 3/4	18 3/4	5 1/2	43 1/2	41 1/2	12 1/4	31	4	19 3/8	(4)- 2 1/4	2336	SDAF 23092 K/17
17	52 3/4	22 1/4	5 1/2	46 5/8	44 1/2	14 1/2	34	5 1/8	21 3/4	(4)- 2 1/4	3183	SDAF 23096 K/18
17	52 3/4	22 1/4	5 1/2	46 5/8	44 1/2	14 1/2	34	4 3/4	21 3/4	(4)- 2 1/4	3102	SDAF 230/500 K/18 1/2
18	54 1/4	21 5/8	5 3/4	48 7/8	47 1/8	15	35 3/4	4 13/16	22 3/4	(4)- 2 1/2	3502	SDAF 230/530 K/19 1/2
18	54 1/4	21 5/8	5 3/4	48 7/8	47 1/8	15	35 3/4		22 3/4	(4)- 2 1/2	2988	SDAF 230/560 K/21
20	60	22	6	54	52 1/2	16	40		24 5/8	(4)- 3	4669	SDAF 230/600 K/22
20	60	22	6	54	52 1/2	16	40		24 5/8	(4)- 3	4326	SDAF 230/630 K/24

All housings come with stabilizing ring. Use for fixed, discard for float. Use only one "Fixed" bearing per shaft.



## HOW TO ORDER:

- When you order SDAF 23152 K you receive;  
1 SDAF 3152K Housing (Housing, seal rings and Stab Ring).  
1 No. 23152 K Bearing.
- 1 No. SNP 3152 Adapter (Sleeve, Locknut, and Lockwasher).
- If you order a closed housing the proper end plug is included.
- All housings include stabilizing ring, either use or discard.
- Always specify shaft size when ordering.
- Housing styles include;
  - SDAF Cast Iron                      SDAFD Ductile Iron
  - SDAFS Cast Steel
- All Miether housings have four bolt cap.
- The sizes listed below are standard items.



## SDAF 231 K ADAPTER MOUNTED PILLOW BLOCK PART NUMBERS

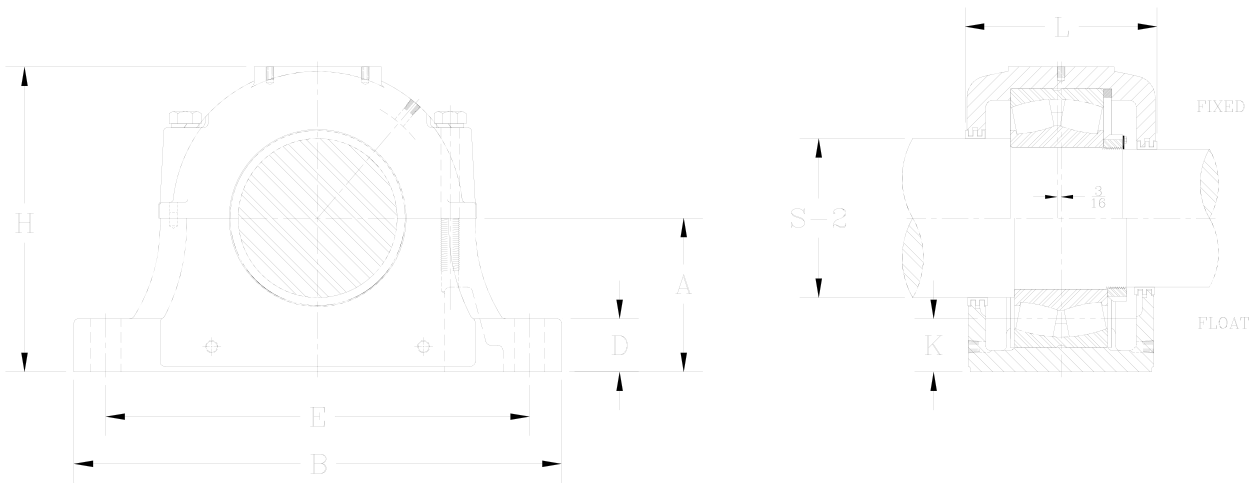
SHAFT DIAMETER S-1 IN.	COMPLETE PILLOW BLOCK NUMBER	PILLOW BLOCK HOUSING ONLY	BEARING NUMBER	ADAPTER LOCKNUT AND LOCKWASHER	TRIPLE SEAL RING (2 REQUIRED)	STABILIZING RING (2 REQUIRED)
9 <sup>7/16</sup>	SDAF 23152 K	SDAF 3152 K	23152 K	SNP 3152 9 7/16	ER 891 S	A- 5679
10 <sup>7/16</sup>	SDAF 23156 K	SDAF 3156 K	23156 K	SNP 3156 10 7/16	ER 973 S	A- 8967
10 <sup>15/16</sup>	SDAF 23160 K	SDAF 3160 K	23160 K	SNP 3160 10 15/16	ER 858 S	A- 8975
11 <sup>15/16</sup>	SDAF 23164 K	SDAF 3164 K	23164 K	SNP 3164 11 15/16	ER 900 S	A- 8970
12 <sup>7/16</sup>	SDAF 23168 K	SDAF 3168 K	23168 K	SNP 3168 12 7/16	ER 975 S	A- 8977
13 <sup>7/16</sup>	SDAF 23172 K	SDAF 3172 K	23172 K	SNP 3172 13 7/16	ER 872 S	A- 8974
13 <sup>15/16</sup>	SDAF 23176 K	SDAF 3176 K	23176 K	SNP 3176 13 15/16	ER 875 S	A- 8978
15	SDAF 23180 K	SDAF 3180 K	23180 K	SNP 3180 15	ER 976 S	A- 8979
15 <sup>3/4</sup>	SDAF 23184 K	SDAF 3184 K	23184 K	SNP 3184 15 3/4	ER 907 S	A- 8984
16 <sup>1/2</sup>	SDAF 23188 K	SDAF 3188 K	23188 K	SNP 3188 16 1/2	ER 958 S	A- 8976
17	SDAF 23192 K	SDAF 3192 K	23192 K	SNP 3192 17	ER 838 S	A- 8990
18	SDAF 23196 K	SDAF 3196 K	23196 K	SNP 3196 18	ER 888 S	A- 8988
18 <sup>1/2</sup>	SDAF 231/500 K	SDAF 31/500 K	231/500 K	SNP 31/500 18 1/2		
19 <sup>1/2</sup>	SDAF 231/530 K	SDAF 31/530 K	231/530 K	SNP 31/530 19 1/2		
21	SDAF 231/560 K	SDAF 31/560 K	231/560 K	SNP 31/560 21		

All housings come with stabilizing ring. Use for fixed, discard for float. Use only one "Fixed" bearing per shaft.

## SDAF 232 K ADAPTER MOUNTED PILLOW BLOCK PART NUMBERS

SHAFT DIAMETER S-1 IN.	COMPLETE PILLOW BLOCK NUMBER	PILLOW BLOCK HOUSING ONLY	BEARING NUMBER	ADAPTER LOCKNUT AND LOCKWASHER	TRIPLE SEAL RING (2 REQUIRED)	STABILIZING RING (2 REQUIRED)
8 <sup>15/16</sup>	SDAF 23248 K	SDAF 3248 K	23248 K	SNP 148 8-15/16	ER 914 S	A- 5679
9 <sup>7/16</sup>	SDAF 23252 K	SDAF 3252 K	23252 K	SNP 152 9-7/16	ER 891 S	A- 8968
10 <sup>7/16</sup>	SDAF 23256 K	SDAF 3256 K	23256 K	SNP 3256 10-7/16	ER 973 S	A- 8975
10 <sup>15/16</sup>	SDAF 23260 K	SDAF 3260 K	23260 K	SNP 3260 10-15/16	ER 974 S	A- 8970
11 <sup>15/16</sup>	SDAF 23264 K	SDAF 3264 K	23264 K	SNP 3264 11-15/16	ER 900 S	A- 8977
12 <sup>7/16</sup>	SDAF 23268 K	SDAF 3268 K	23268 K	SNP 3268 12-7/16	ER 975 S	A- 8978
13 <sup>7/16</sup>	SDAF 23272 K	SDAF 3272 K	23272 K	SNP 3272 13-7/16	ER 979 S	A- 8979
13 <sup>15/16</sup>	SDAF 23276 K	SDAF 3276 K	23276 K	SNP 3276 13-15/16	ER 977 S	A- 8980
15	SDAF 23280 K	SDAF 3280 K	23280 K	SNP 3280 15	ER 976 S	A- 8976
15 <sup>3/4</sup>	SDAF 23284 K	SDAF 3284 K	23284 K	SNP 3284 15-3/4	ER 907 S	A- 8990
16 <sup>1/2</sup>	SDAF 23288 K	SDAF 3288 K	23288 K	SNP 3288 16-1/2	ER 958 S	A- 8988
17	SDAF 23292 K	SDAF 3292 K	23292 K	SNP 3292 17	ER 838 S	
18	SDAF 23296 K	SDAF 3296 K	23296 K	SNP 3296 18	ER 888 S	
18 <sup>1/2</sup>	SDAF 232/500 K	SDAF 32/500 K	232/500 K	SNP 32/500 18-1/2	ER 978 S	





**SPLIT**

**SDAF 231 K** PILLOW BLOCK DIMENSIONS

A	B	C	D	E		F	H	K STATIC OIL LEVEL	L	BOLTS (NO. REQ'D)	WEIGHT LBS. HOUSING ER,A	COMPLETE PILLOW BLOCK NUMBER
				MAX IN.	MIN IN.							
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.		
10 1/4	35	14 1/2	3 3/4	30 1/2	29	8 3/4	20 1/2	3 1/8	14 1/8	(4)- 1 5/8	792	SDAF 23152 K
12	38 1/4	14 3/4	3 1/2	33 1/2	32 3/4	9	24	4 1/2	15 1/2	(4)- 1 5/8	1000	SDAF 23156 K
12	38 1/4	15 1/8	3 1/2	33 1/2	32 3/4	9	24	3 7/8	16 1/2	(4)- 1 5/8	1032	SDAF 23160 K
12 13/16	41 3/4	15 3/4	4 1/2	36 1/2	35	10 1/2	26	4 1/16	16 1/4	(4)- 1 7/8	1339	SDAF 23164 K
14	43 3/4	18 1/4	5	38 1/4	36 3/4	10 3/4	28	4 5/8	18	(4)- 2	1720	SDAF 23168 K
14 1/2	46	17 1/8	5	40 3/4	39 1/4	11	28 3/4	4 5/8	18	(4)- 2	1848	SDAF 23172 K
14 1/2	46	17 1/8	5	40 3/4	39 1/4	11	28 3/4	4 9/32	18	(4)- 2	1780	SDAF 23176 K
15 1/2	48 3/4	18 3/4	5 1/2	43 1/2	41 1/2	12 1/4	31	4 13/16	19 3/8	(4)- 2 1/4	2415	SDAF 23180 K
17	52 3/4	22 1/4	5 1/2	46 5/8	44 1/2	14 1/2	34	5 19/32	21 3/4	(4)- 2 1/4	3149	SDAF 23184 K
17	52 3/4	22 1/4	5 1/2	46 5/8	44 1/2	14 1/2	34	5 5/16	21 3/4	(4)- 2 1/4	3063	SDAF 23188 K
18	54 1/4	21 5/8	5 3/4	48 7/8	47 1/8	15	35 3/4	5 7/16	22 3/4	(4)- 2 1/2	3465	SDAF 23192 K
18	54 1/4	21 5/8	5 3/4	48 7/8	47 1/8	15	35 3/4	5 3/16	22 3/4	(4)- 2 1/2	3309	SDAF 23196 K
18	54 1/4	21 5/8	5 3/4	48 7/8	47 1/8	15	35 3/4		22 3/4	(4)- 2 1/2	2956	SDAF 231/500 K
20	60	22	6	54	52 1/2	16	40		24 5/8	(4)- 3	4620	SDAF 231/530 K
20	60	22	6	54	52 1/2	16	40		24 5/8	(4)- 3	4282	SDAF 231/560 K

All housings come with stabilizing ring. Use for fixed, discard for float. Use only one "Fixed" bearing per shaft.

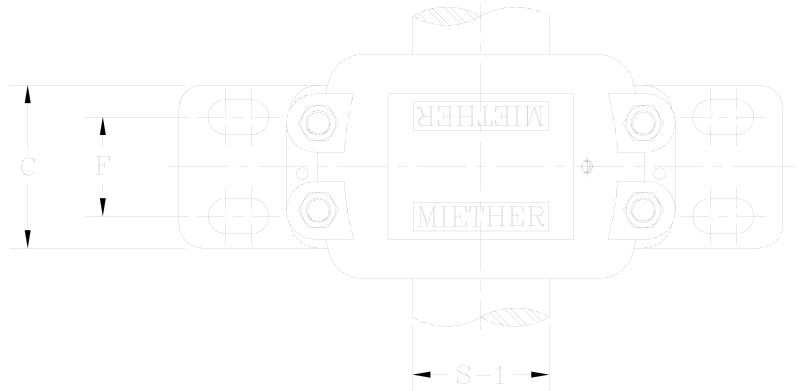
**SDAF 232 K** PILLOW BLOCK DIMENSIONS

A	B	C	D	E		F	H	K STATIC OIL LEVEL	L	BOLTS (NO. REQ'D)	WEIGHT LBS. HOUSING ER,A	COMPLETE PILLOW BLOCK NUMBER
				MAX IN.	MIN IN.							
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.		
10 1/4	35	14 1/2	3 3/4	30 1/2	29	8 3/4	20 1/2	3 9/32	14 1/8	(4)- 1 5/8	792	SDAF 23248 K
12	38 1/4	15 1/8	3 1/2	33 1/2	32 3/4	9	24	4 3/8	16 1/2	(4)- 1 5/8	949	SDAF 23252 K
12	38 1/4	15 1/8	3 1/2	33 1/2	32 3/4	9	24	4	16 1/2	(4)- 1 5/8	888	SDAF 23256 K
12 13/16	41 3/4	15 3/4	4 1/2	36 1/2	35	10 1/2	26	4 3/32	16 1/4	(4)- 1 7/8	1339	SDAF 23260 K
14	43 3/4	18 1/4	5	38 1/4	36 3/4	10 3/4	28	4 3/4	18	(4)- 2	1720	SDAF 23264 K
14 1/2	46	17 1/8	5	40 3/4	39 1/4	11	28 3/4	4 17/32	18	(4)- 2	1848	SDAF 23268 K
15 1/2	48 3/4	18 3/4	5 1/2	43 1/2	41 1/2	12 1/4	31	5 1/8	19 3/8	(4)- 2 1/4	2415	SDAF 23272 K
15 1/2	48 3/4	18 3/4	5 1/2	43 1/2	41 1/2	12 1/4	31	4 9/16	19 3/8	(4)- 2 1/4	2286	SDAF 23276 K
17	52 3/4	22 1/4	5 1/2	46 5/8	44 1/2	14 1/2	34	5 5/8	21 3/4	(4)- 2 1/4	3149	SDAF 23280 K
18	54 1/4	21 5/8	5 3/4	48 7/8	47 1/8	15	35 3/4	5 25/32	22 3/4	(4)- 2 1/2	3465	SDAF 23284 K
18	54 1/4	21 5/8	5 3/4	48 7/8	47 1/8	15	35 3/4	5 1/4	22 3/4	(4)- 2 1/2	3309	SDAF 23288 K
18	54 1/4	21 5/8	5 3/4	48 7/8	47 1/8	15	35 3/4		22 3/4	(4)- 2 1/2	2956	SDAF 23292 K
20	60	22	6	54	52 1/2	16	40		24 5/8	(4)- 3	4620	SDAF 23296 K
20	60	22	6	54	52 1/2	16	40		24 5/8	(4)- 3	4282	SDAF 232/500 K



## HOW TO ORDER:

- When you order SAW 23224 you receive;  
1 SAW 224 Housing (Housing, seal rings and Stab Ring).  
1 No. 23224 Bearing.  
1 No. AN Locknut, and 1 NO. W 24 Lockwasher.
- If you order a closed housing the proper end plug is included.
- All housings include stabilizing ring, either use or discard.
- Always specify shaft size when ordering.
- Housing styles include;  
SAW Cast Iron  
SAWS Cast Steel
- All Miether housings have four bolt cap.
- The sizes listed below are standard items.



## SAW 232 CYLINDRICAL MOUNTED PILLOW BLOCK PART NUMBERS

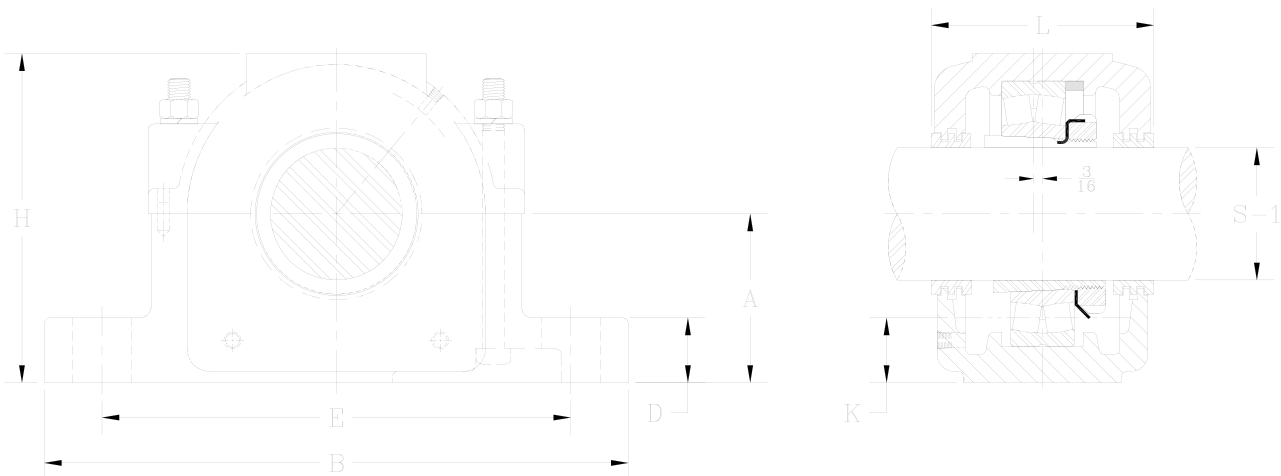
SHAFT DIAMETER		COMPLETE PILLOW BLOCK NUMBER	PILLOW BLOCK HOUSING ONLY	BEARING NUMBER	LOCKNUT	LOCK-WASHER	TRIPLE SEAL RING		STABILIZING RING (1 REQUIRED)
S-2 IN.	S-3 IN.						S-2 SHAFT 1 REQD'	S-3 SHAFT 1 REQD'	
4 7/8	4 3/16	*SAWS 23222	SAWS 222	23222	AN 22	W 22	LER 121 A	LER 113 A	SR- 22-19
5 5/16	4 9/16	SAW 23224	SAW 224	23224	AN 24	W 24	LER 127 A	LER 119 A	SR- 24-20
5 7/8	4 15/16	SAW 23226	SAW 226	23226	AN 26	W 26	LER 136 A	LER 122 A	SR- 26-0
6 1/4	5 5/16	** SAW 23228	SAW 228	23228	AN 28	W 28	LER 144 A	LER 127 A	SR- 28-0
6 5/8	5 3/4	** SAW 23230	SAW 230	23230	AN 30	W 30	LER 151 A	LER 134 A	SR- 30-0
7	6 1/16	SAW 23232	SAW 232	23232	AN 32	W 32	LER 156 A	LER 142 A	SR- 32-0
7 7/16	6 7/16	SAW 23234	SAW 234	23234	AN 34	W 34	LER 161 A	LER 148 A	SR- 34-0
7 13/16	6 7/8	SAW 23236	SAW 236	23236	AN 36	W 36	LER 165 A	LER 154 A	SR- 36-30
8 3/8	7 1/4	SAW 23238	SAW 238	23238	AN 38	W 38	LER 171 A	LER 160 A	SR- 38-32
8 3/4	7 5/8	SAW 23240	SAW 240	23240	AN 40	W 40	LER 175 A	LER 164 A	SR- 40-34
9 9/16	8 5/16	SAW 23244	SAW 244	23244	N 44	W 44	LER 179 A	LER 170 A	SR- 44-38

## SAW 235 ADAPTER MOUNTED PILLOW BLOCK PART NUMBERS

SHAFT DIAMETER S-1 IN.	COMPLETE PILLOW BLOCK NUMBER	PILLOW BLOCK HOUSING ONLY	BEARING NUMBER	ADAPTER LOCKNUT AND LOCKWASHER	TRIPLE SEAL RING (2 REQUIRED)	STABILIZING RING (1 REQUIRED)
3 15/16	* SAWS 23522 03-15	SAWS 522	23222 K	SNW 122	LER 109 A	SR- 22-19
4 3/16	SAW 23524 04-03	SAW 524	23224 K	SNW 124	LER 113 A	SR- 24-20
4 7/16	SAW 23526 04-07	SAW 526	23226 K	SNW 126	LER 117 A	SR- 26-0
4 15/16	** SAW 23528 04-15	SAW 528	23228 K	SNW 128	LER 122 A	SR- 28-0
5 3/16	** SAW 23530 05-03	SAW 530	23230 K	SNW 130	LER 125 A	SR- 30-0
5 7/16	SAW 23532 05-07	SAW 532	23232 K	SNW 132	LER 130 A	SR- 32-0
5 15/16	SAW 23534 05-15	SAW 534	23234 K	SNW 134	LER 140 A	SR- 34-0
6 7/16	SAW 23536 06-07	SAW 536	23236 K	SNW 136	LER 148 A	SR- 36-30
6 15/16	SAW 23538 06-15	SAW 538	23238 K	SNW 138	LER 155 A	SR- 38-32
7 3/16	SAW 23540 07-03	SAW 540	23240 K	SNW 140	LER 159 A	SR- 40-34
7 15/16	SAW 23544 07-15	SAW 544	23244 K	SNW 144	LER 167 A	SR- 44-38

\* Steel only \*\* Cast Iron Only





**SPLIT**

**SAW 232**

**PILLOW BLOCK DIMENSIONS**

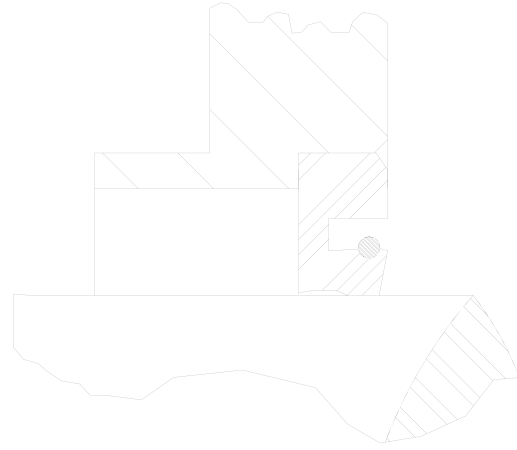
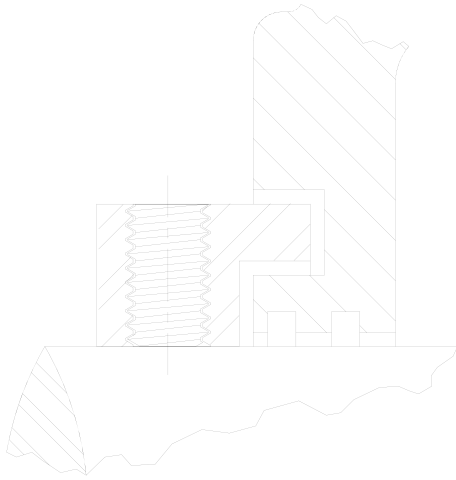
A	B	C	D	E		F	H	K STATIC OIL LEVEL	L	BOLTS (NO. REQ'D)	WEIGHT LBS. HOUSING LER, SR	COMPLETE PILLOW BLOCK NUMBER
				MAX IN.	MIN IN.							
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.		
4 15/16	16 1/2	4 3/4	2	14 1/2	12 5/8	2 3/4	9 5/8	1 13/16	7 13/16	(4)- 3/4	90	*SAWS 23222
5 1/4	16 1/2	4 3/4	2 1/8	14 1/2	13 1/4	2 3/4	10 1/4	1 7/8	7 3/8	(4)- 3/4	91	SAW 23224
6	18 3/8	5 1/8	2 3/8	16	14 7/8	3 1/4	11 9/16	2 3/8	8	(4)- 7/8	125	SAW 23226
6	20 1/8	5 7/8	2 3/8	17 1/8	16	3 3/8	11 3/4	2 1/16	9 1/8	(4)- 1	140	** SAW 23228
6 5/16	21 1/4	6 1/4	2 1/2	18 1/4	17	3 3/4	12 1/2	2 1/16	8 3/8	(4)- 1	175	** SAW 23230
6 11/16	22	6 1/4	2 5/8	19 1/4	17 3/8	3 3/4	13 5/16	2 1/8	8 3/4	(4)- 1	202	SAW 23232
7 1/16	24 3/4	6 3/4	2 3/4	21 5/8	19 3/8	4 1/4	14 3/16	2 3/16	9 5/8	(4)- 1	248	SAW 23234
7 1/2	26 3/4	7 1/8	3	23 5/8	20 7/8	4 5/8	14 7/8	2 7/16	10	(4)- 1	290	SAW 23236
7 7/8	28	7 1/2	3 1/8	24 3/8	21 5/8	4 1/2	15 11/16	2 1/2	10 5/8	(4)- 1 1/4	322	SAW 23238
8 1/4	29 1/2	8	3 3/8	25	22 1/2	5	16 1/2	2 9/16	11 1/8	(4)- 1 1/4	348	SAW 23240
9 1/2	32 3/4	8 3/4	3 3/4	27 7/8	24 3/4	5 1/4	18 5/8	3 3/16	11 7/8	(4)- 1 1/2	448	SAW 23244

**SAW 235**

**PILLOW BLOCK DIMENSIONS**

A	B	C	D	E		F	H	K STATIC OIL LEVEL	L	BOLTS (NO. REQ'D)	WEIGHT LBS. HOUSING LER, SR	COMPLETE PILLOW BLOCK NUMBER
				MAX IN.	MIN IN.							
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.		
4 15/16	16 1/2	4 3/4	2	14 1/2	12 5/8	2 3/4	9 5/8	1 13/16	7 13/16	(4)- 3/4	93	* SAWS 23522 03-15
5 1/4	16 1/2	4 3/4	2 1/8	14 1/2	13 1/4	2 3/4	10 1/4	1 7/8	7 3/8	(4)- 3/4	93	SAW 23524 04-03
6	18 3/8	5 1/8	2 3/8	16	14 7/8	3 1/4	11 9/16	2 3/8	8	(4)- 7/8	131	SAW 23526 04-07
6	20 1/8	5 7/8	2 3/8	17 1/8	16	3 3/8	11 3/4	2 1/16	9 1/8	(4)- 1	144	** SAW 23528 04-15
6 5/16	21 1/4	6 1/4	2 1/2	18 1/4	17	3 3/4	12 1/2	2 1/16	8 3/8	(4)- 1	182	** SAW 23530 05-03
6 11/16	22	6 1/4	2 5/8	19 1/4	17 3/8	3 3/4	13 5/16	2 1/8	8 3/4	(4)- 1	206	SAW 23532 05-07
7 1/16	24 3/4	6 3/4	2 3/4	21 5/8	19 3/8	4 1/4	14 3/16	2 3/16	9 5/8	(4)- 1	259	SAW 23534 05-15
7 1/2	26 3/4	7 1/8	3	23 5/8	20 7/8	4 5/8	14 7/8	2 7/16	10	(4)- 1	303	SAW 23536 06-07
7 7/8	28	7 1/2	3 1/8	24 3/8	21 5/8	4 1/2	15 11/16	2 1/2	10 5/8	(4)- 1 1/4	324	SAW 23538 06-15
8 1/4	29 1/2	8	3 3/8	25	22 1/2	5	16 1/2	2 9/16	11 1/8	(4)- 1 1/4	352	SAW 23540 07-03
9 1/2	32 3/4	8 3/4	3 3/4	27 7/8	24 3/4	5 1/4	18 5/8	3 3/16	11 7/8	(4)- 1 1/2	490	SAW 23544 07-15





LABYRINTH SEAL  
WITH OPTIONAL FLINGER

OPTIONAL FRICTION SEAL

Unless your order designates otherwise, all Miether flange cartridges are provided with labyrinth seals, designated by the standard prefix "FCL" in the complete flange unit.

Optional equipment may be ordered simply by altering the prfixes as follows:

LABYRINTH SEAL WITH FLINGER ACCESSORY.....prefix FCLF  
 FRICTION SEAL.....prefix FCS





**MIETHER BEARING PRODUCTS, INC.**  
An Alco Industries Company

PRECISION ENGINEERED FOR  
OUTSTANDING QUALITY

# FLANGE CARTRIDGE BLOCKS

FLANGE

## FEATURES OF THE FLANGE CARTRIDGE BLOCK:

- |      |   |
|------|---|
| FCL  | Cast Iron with standard Labyrinth grooves.                      |
| FCS  | Cast Iron with friction seal.                                   |
| FCLF | Cast Iron with standard Labyrinth groove and flinger accessory. |

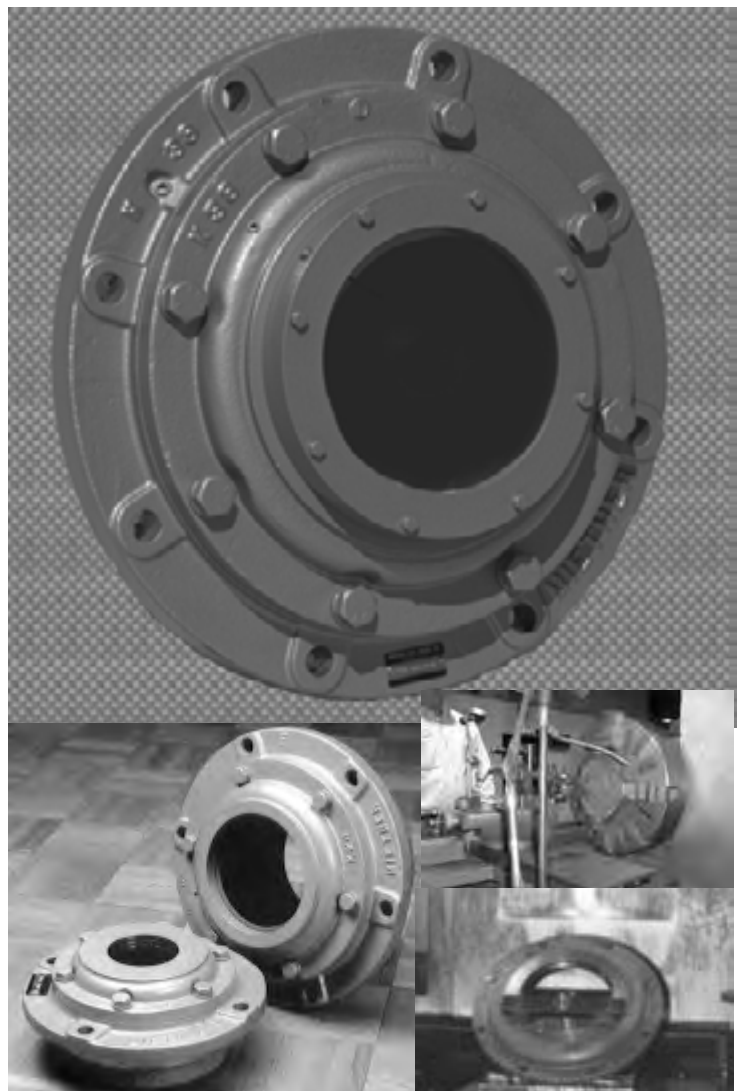
Here, at last, is a flange cartridge designed from the word "go" with special applications in mind.

**OPTIONAL FLINGER OR FRICTION SEAL --** An exclusive Miether design, the flinger provides an added safeguard where product-purity is your concern. It is available with all orders for labyrinth seals. Where preferred, friction seals are also available.

**ADAPTABILITY --** In sizes to 8-inch (larger on request), these flange cartridge blocks can be adapted to take all series of spherical roller bearings. Precision drilled end plates and cartridge housings are interchangeable.

**\*\*\*\* SPECIAL NOTE \*\*\*\***

In the Flange Cartridge housings, the seals are actually machined into the end plates and cartridge. To replace the "seals" in a flange housing requires the replacement of either the end plate or cartridge.





### HOW TO ORDER: CYLINDRICAL MOUNT

- When you order FCL 22217 you receive;  
1 FCL 217 Housing.  
1 No. 22217 Bearing.  
1 No. AN 17 Locknut, 1 No. W 17 Lockplate.
- All housings include stabilizing ring, either use or discard.
- Always specify shaft size when ordering.
- Housing styles include;  
FCL - Labyrinth Seals FCLF - Labyrinth seals  
FCS - Friction Seals with Flinger

### HOW TO ORDER: ADAPTER MOUNTED

- When you order FCL 22517 you receive;  
1 FCL 517 Housing.  
1 No. 22217-K Bearing.  
1 No. SNW 17 Adapter (Sleeve, Locknut, and Lockwasher).
- All housings include stabilizing ring, either use or discard.
- Always specify shaft size when ordering.
- Housing styles include;  
FCL - Labyrinth Seals FCLF - Labyrinth seals  
FCS - Friction Seals with Flinger

## FCL 222 CYLINDRICAL MOUNTED FLANGE CARTRIDGE PART NUMBERS

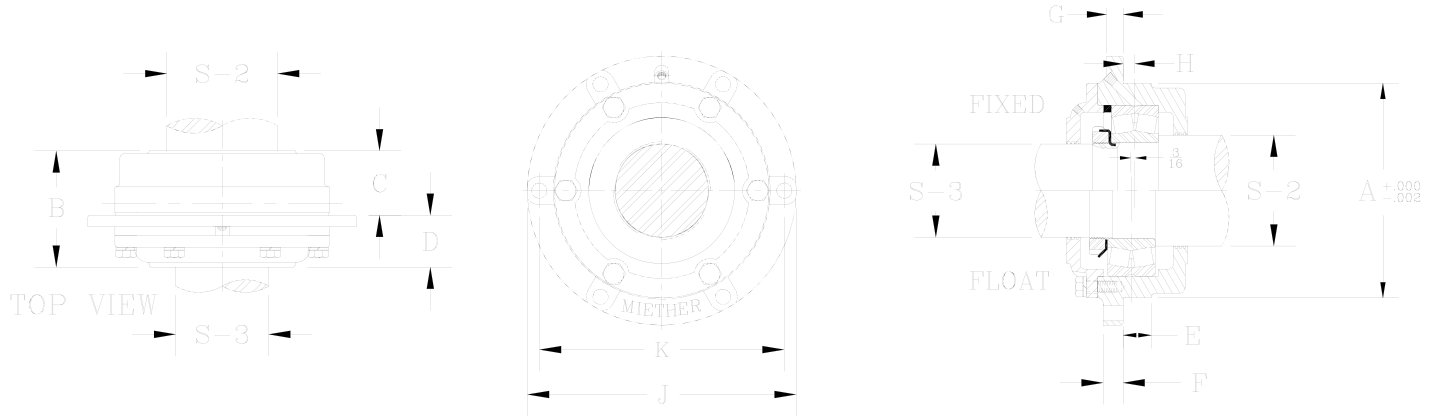
SHAFT DIAMETER		COMPLETE FLANGE UNIT NUMBER	FLANGE HOUSING ONLY	BEARING NUMBER	LOCKNUT	LOCK-WASHER	STABILIZING RING (1 REQUIRED)
S-2 IN.	S-3 IN.						
3 15/16	3 3/16	FCL 22217	FCL 217	22217	AN-17	W-17	SR- 17-14
4 1/8	3 3/8	FCL 22218	FCL 218	22218	AN-18	W-18	SR- 18-15
4 1/2	3 13/16	FCL 22220	FCL 220	22220	AN-20	W-20	SR- 20-17
4 7/8	4 3/16	FCL 22222	FCL 222	22222	AN-22	W-22	SR- 22-19
5 5/16	4 9/16	FCL 22224	FCL 224	22224	AN-24	W-24	SR- 24-20
5 7/8	4 15/16	FCL 22226	FCL 226	22226	AN-26	W-26	SR- 26-0
6 1/4	5 5/16	FCL 22228	FCL 228	22228	AN-28	W-28	SR- 28-0
6 5/8	5 3/4	FCL 22230	FCL 230	22230	AN-30	W-30	SR- 30-0
7	6 1/16	FCL 22232	FCL 232	22232	AN-32	W-32	SR- 32-0
7 7/16	6 7/16	FCL 22234	FCL 234	22234	AN-34	W-34	SR- 34-0
7 13/16	6 7/8	FCL 22236	FCL 236	22236	AN-36	W-36	SR- 36-30
8 3/8	7 1/4	FCL 22238	FCL 238	22238	AN-38	W-38	SR- 38-32
8 3/4	7 5/8	FCL 22240	FCL 240	22240	AN-40	W-40	SR- 40-34
9 9/16	8 5/16	FCL 22244	FCL 244	22244	AN-44	W-44	SR- 44-38

All housings come with stabilizing ring. Use for fixed, discard for float. Use only one "Fixed" bearing per shaft.

## FCL 225 ADAPTER MOUNTED FLANGE CARTRIDGE PART NUMBERS

SHAFT DIAMETER S-1 IN.	COMPLETE PILLOW BLOCK NUMBER	PILLOW BLOCK HOUSING ONLY	BEARING NUMBER	ADAPTER LOCKNUT AND LOCKWASHER	STABILIZING RING (1 REQUIRED)
2 15/16	FCL 22517	FCL 517	22217-K	SNW 17	SR- 17-14
3 3/16	FCL 22518	FCL 518	22218-K	SNW 18	SR- 18-15
3 7/16	FCL 22520	FCL 520	22220-K	SNW 20	SR- 20-17
3 15/16	FCL 22522	FCL 522	22222-K	SNW 22	SR- 22-19
4 3/16	FCL 22524	FCL 524	22224-K	SNW 24	SR- 24-20
4 7/16	FCL 22526	FCL 526	22226-K	SNW 26	SR- 26-0
4 15/16	FCL 22528	FCL 528	22228-K	SNW 28	SR- 28-0
5 3/16	FCL 22530	FCL 530	22230-K	SNW 30	SR- 30-0
5 7/16	FCL 22532	FCL 532	22232-K	SNW 32	SR- 32-0
5 15/16	FCL 22534	FCL 534	22234-K	SNW 34	SR- 34-0
6 7/16	FCL 22536	FCL 536	22236-K	SNW 36	SR- 36-30
6 15/16	FCL 22538	FCL 538	22238-K	SNW 38	SR- 38-32
7 3/16	FCL 22540	FCL 540	22240-K	SNW 40	SR- 40-34
7 15/16	FCL 22544	FCL 544	22244-K	SNW 44	SR- 44-38





### FCL 222

### FLANGE CARTRIDGE DIMENSIONS

A	B	C	D	E	F	G	H	J	K	BOLTS (NO. REQ'D)	WEIGHT LBS. HOUSING LER, SR	COMPLETE PILLOW BLOCK NUMBER
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.		
7.875	4 5/8	2 1/2	2 1/8	1 1/4	3/4	5/8	1/2	10 5/8	9 3/8	(4)- 3/4	35	FCL 22217
8.312	4 15/16	2 19/32	2 11/32	1 1/4	7/8	11/16	1/2	11 1/8	9 7/8	(4)- 3/4	37	FCL 22218
9.250	5 5/16	2 25/32	2 17/32	1 1/4	15/16	3/4	1/2	12 1/8	10 7/8	(4)- 3/4	41	FCL 22220
10.125	5 7/8	3 1/8	2 3/4	1 3/8	1	13/16	5/8	13	11 3/4	(6)- 3/4	68	FCL 22222
10.750	6 1/8	3 5/16	2 13/16	1 3/8	1	13/16	5/8	13 5/8	12 3/8	(6)- 3/4	70	FCL 22224
11.375	6 7/16	3 7/16	3	1 1/2	1 1/16	7/8	5/8	14 1/4	13	(6)- 3/4	84	FCL 22226
12.000	6 5/8	3 1/2	3 1/8	1 1/2	1 1/8	15/16	5/8	14 7/8	13 5/8	(6)- 3/4	89	FCL 22228
13.000	7 3/16	3 7/8	3 5/16	1 3/4	1 3/16	1	3/4	15 7/8	14 5/8	(6)- 3/4	119	FCL 22230
13.875	7 1/2	4	3 1/2	2	1 1/4	1 1/16	3/4	16 7/8	15 1/2	(8)- 3/4	126	FCL 22232
15.000	7 13/16	4 1/4	3 9/16	2	1 5/16	1 1/8	7/8	18 1/8	16 5/8	(8)- 3/4	155	FCL 22234
15.375	7 13/16	4 1/4	3 9/16	2	1 5/16	1 1/8	7/8	18 5/8	17 1/8	(8)- 3/4	154	FCL 22236
16.250	8 1/8	4 3/8	3 3/4	2 1/4	1 3/8	1 3/16	7/8	20 1/8	18 1/4	(8)- 7/8	180	FCL 22238
17.250	8 1/2	4 5/8	3 7/8	2 1/4	1 7/16	1 1/4	1	21 1/8	19 1/4	(8)- 7/8	212	FCL 22240
18.750	8 7/8	4 27/32	4 1/32	2 1/2	1 1/2	1 5/16	1	22 3/4	20 7/8	(8)- 7/8	245	FCL 22244

**FLANGE**

All housings come with stabilizing ring. Use for fixed, discard for float. Use only one "Fixed" bearing per shaft.

### FCL 225

### FLANGE CARTRIDGE DIMENSIONS

A	B	C	D	E	F	G	H	J	K	BOLTS (NO. REQ'D)	WEIGHT LBS. HOUSING LER, SR	COMPLETE PILLOW BLOCK NUMBER
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.		
7.875	4 5/8	2 1/2	2 1/8	1 1/4	3/4	5/8	1/2	10 5/8	9 3/8	(4)- 3/4	35	FCL 22517
8.312	4 15/16	2 19/32	2 11/32	1 1/4	7/8	11/16	1/2	11 1/8	9 7/8	(4)- 3/4	38	FCL 22518
9.250	5 5/16	2 25/32	2 17/32	1 1/4	15/16	3/4	1/2	12 1/8	10 7/8	(4)- 3/4	42	FCL 22520
10.125	5 7/8	3 1/8	2 3/4	1 3/8	1	13/16	5/8	13	11 3/4	(6)- 3/4	69	FCL 22522
10.750	6 1/8	3 5/16	2 13/16	1 3/8	1	13/16	5/8	13 5/8	12 3/8	(6)- 3/4	72	FCL 22524
11.375	6 7/16	3 7/16	3	1 1/2	1 1/16	7/8	5/8	14 1/4	13	(6)- 3/4	85	FCL 22526
12.000	6 5/8	3 1/2	3 1/8	1 1/2	1 1/8	15/16	5/8	14 7/8	13 5/8	(6)- 3/4	91	FCL 22528
13.000	7 3/16	3 7/8	3 5/16	1 3/4	1 3/16	1	3/4	15 7/8	14 5/8	(6)- 3/4	122	FCL 22530
13.875	7 1/2	4	3 1/2	2	1 1/4	1 1/16	3/4	16 7/8	15 1/2	(8)- 3/4	129	FCL 22532
15.000	7 13/16	4 1/4	3 9/16	2	1 5/16	1 1/8	7/8	18 1/8	16 5/8	(8)- 3/4	158	FCL 22534
15.375	7 13/16	4 1/4	3 9/16	2	1 5/16	1 1/8	7/8	18 5/8	17 1/8	(8)- 3/4	157	FCL 22536
16.250	8 1/8	4 3/8	3 3/4	2 1/4	1 3/8	1 3/16	7/8	20 1/8	18 1/4	(8)- 7/8	184	FCL 22538
17.250	8 1/2	4 5/8	3 7/8	2 1/4	1 7/16	1 1/4	1	21 1/8	19 1/4	(8)- 7/8	217	FCL 22540
18.750	8 7/8	4 27/32	4 1/32	2 1/2	1 1/2	1 5/16	1	22 3/4	20 7/8	(8)- 7/8	250	FCL 22544



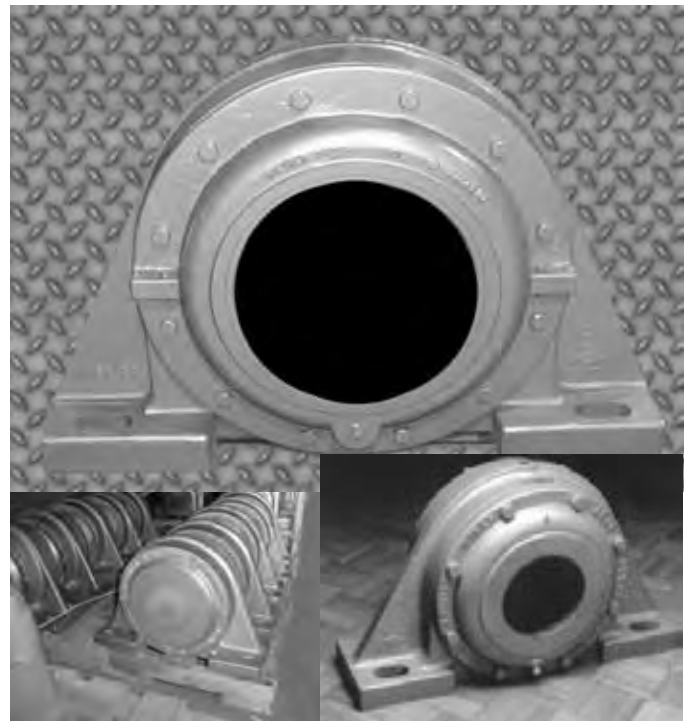




**STANDARD COFIGURATIONS FOR  
SOLID STEEL PILLOW BLOCKS:**

**DESIGNATE;**

- NE.....Non-Expansion End
- CI.....Cast Iron Closed
- E.....Expansion End
- L.....Labyrinth Seals
- S.....Oil Seals



# SOLID STEEL PILLOW BLOCKS

**SOLID**

**FEATURES OF THE SOLID PILLOW BLOCKS:**

Completely adaptable to any industrial application.  
Available for all series of spherical roller bearings.

Precision drilled end plates and housings for perfect interchangeability. Take any lubrication system... center grooved housings for universal centerline lubrication; end caps have second connection for side lubrication.

**Labyrinth or Oil Seal.**  
Both end plates removable for easy bearing installation, or adjustment.

Fit any shaft arrangement because they are compactly built. Precision engineered, one-piece construction with reinforcing center-rib to withstand severe shock loads.

Quality materials: Body made of stress-relieved SAE 1030 Cast Steel; caps made of close-grained cast iron.

Uniform wall thickness eliminates weak spots.

True alignment in every critical dimension means you can reverse or replace pillow blocks without loss of alignment.

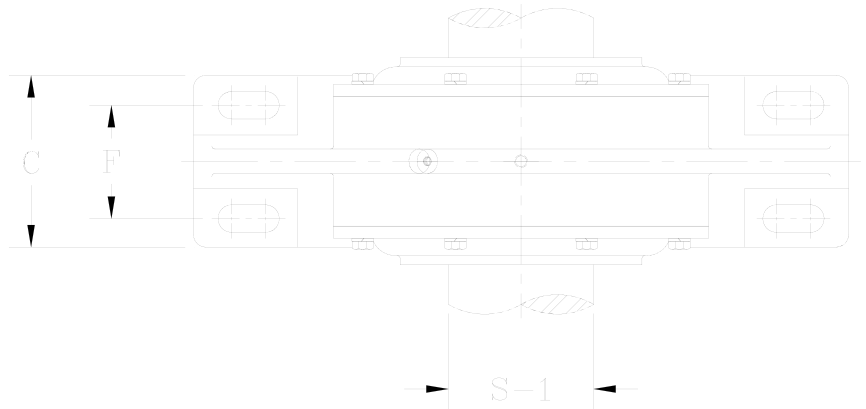
***MIETHER BEARING PRODUCTS, INC.***  
An Alco Industries Company

**PRECISION ENGINEERED FOR  
OUTSTANDING QUALITY**



## HOW TO ORDER:

- When you order MMW 22518 NEL you receive;  
1 MMW 518 Housing with Labyrinth Seals, non expansion.  
1 No. 22218 K Bearing.
- 1 No. SNW 18 Adapter (Sleeve, Locknut, and Lockwasher)
- These housing come either expansion for float applica or  
non-expansion for fixed applications. Indicate by:  
E - For Expansion NE - For Non Expansion
- Always specify shaft size when ordering.
- Use only one NE - Non-Expansion housing per shaft.
- If you want Oil Seals substitute letter S for L. Oil seals supplied at additional cost.
- If your order specifies "one end closed" you receive the necessary end plate.



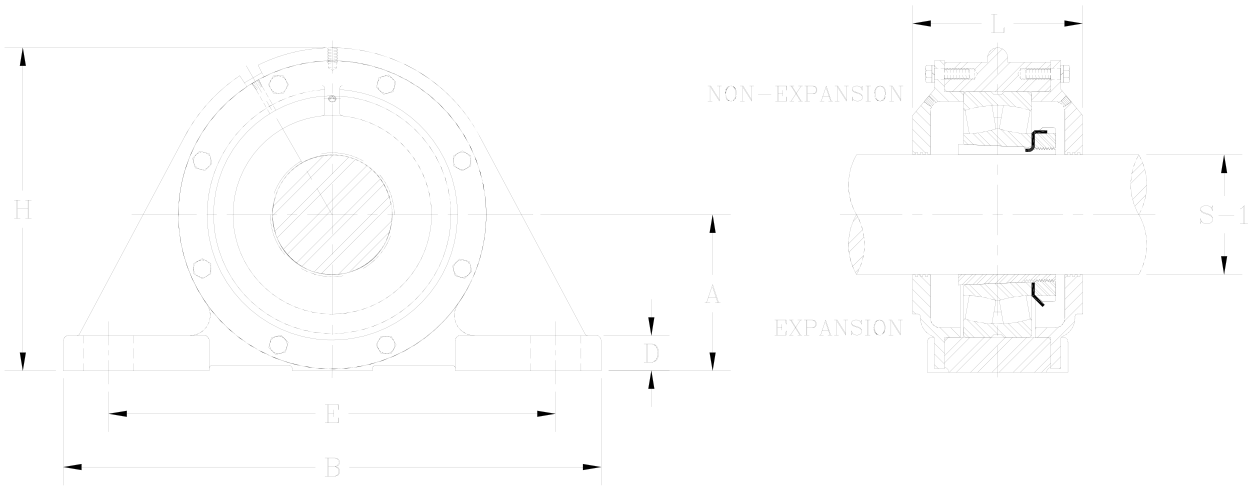
### MMW 225 ADAPTER MOUNTED PILLOW BLOCK PART NUMBERS

SHAFT DIAMETER S-1 IN.	COMPLETE PILLOW BLOCK NUMBER	PILLOW BLOCK HOUSING ONLY	BEARING NUMBER	ADAPTER LOCKNUT AND LOCKWASHER
3 <sup>3/16</sup>	MMW 22518	MMW 518	22218 K	SNW 18
3 <sup>7/16</sup>	MMW 22520	MMW 520	22220 K	SNW 20
3 <sup>15/16</sup>	MMW 22522	MMW 522	22222 K	SNW 22
4 <sup>3/16</sup>	MMW 22524	MMW 524	22224 K	SNW 24
4 <sup>7/16</sup>	MMW 22526	MMW 526	22226 K	SNW 26
4 <sup>15/16</sup>	MMW 22528	MMW 528	22228 K	SNW 28
5 <sup>3/16</sup>	MMW 22530	MMW 530	22230 K	SNW 30
5 <sup>7/16</sup>	MMW 22532	MMW 532	22232 K	SNW 32
5 <sup>15/16</sup>	MMW 22534	MMW 534	22234 K	SNW 34
6 <sup>7/16</sup>	MMW 22536	MMW 536	22236 K	SNW 36
6 <sup>15/16</sup>	MMW 22538	MMW 538	22238 K	SNW 38
7 <sup>3/16</sup>	MMW 22540	MMW 540	22240 K	SNW 40
7 <sup>15/16</sup>	MMW 22544	MMW 544	22244 K	SNW 44

### MMW 226 ADAPTER MOUNTED PILLOW BLOCK PART NUMBERS

SHAFT DIAMETER S-1 IN.	COMPLETE PILLOW BLOCK NUMBER	PILLOW BLOCK HOUSING ONLY	BEARING NUMBER	ADAPTER LOCKNUT AND LOCKWASHER
2 <sup>7/16</sup>	MMW 22615	MMW 615	22315 K	SNW 115
2 <sup>11/16</sup>	MMW 22616	MMW 616	22316 K	SNW 116
2 <sup>15/16</sup>	MMW 22617	MMW 617	22317 K	SNW 117
3 <sup>3/16</sup>	MMW 22618	MMW 618	22318 K	SNW 118
3 <sup>7/16</sup>	MMW 22620	MMW 620	22320 K	SNW 120
3 <sup>15/16</sup>	MMW 22622	MMW 622	22322 K	SNW 122
4 <sup>3/16</sup>	MMW 22624	MMW 624	22324 K	SNW 124
4 <sup>7/16</sup>	MMW 22626	MMW 626	22326 K	SNW 126
4 <sup>15/16</sup>	MMW 22628	MMW 628	22328 K	SNW 128
5 <sup>3/16</sup>	MMW 22630	MMW 630	22330 K	SNW 130
5 <sup>7/16</sup>	MMW 22632	MMW 632	22332 K	SNW 132
5 <sup>15/16</sup>	MMW 22634	MMW 634	22334 K	SNW 134
6 <sup>7/16</sup>	MMW 22636	MMW 636	22336 K	SNW 136
6 <sup>15/16</sup>	MMW 22638	MMW 638	22338 K	SNW 138
7 <sup>3/16</sup>	MMW 22640	MMW 640	22340 K	SNW 140





### MMW 225

### PILLOW BLOCK DIMENSIONS

A	B	C	D	E		F	H	L	BOLTS (NO. REQ'D)	WEIGHT LBS. HOUSING LER, SR	COMPLETE PILLOW BLOCK NUMBER
				MAX IN.	MIN IN.						
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.		
4 3/4	15 1/4	4 1/4	1	13 1/8	11 5/8	2 3/8	9 13/16	6	(4)- 3/4	76	MMW 22518
4 3/4	15 1/4	4 1/4	1	13 1/8	11 5/8	2 3/8	9 13/16	5 7/8	(4)- 3/4	72	MMW 22520
5 1/2	16 1/2	4 3/4	1	14 1/2	13 1/4	2 3/4	11 1/4	6 1/4	(4)- 3/4	96	MMW 22522
5 1/2	16 1/2	4 3/4	1	14 1/2	13 1/4	2 3/4	11 1/4	6 9/16	(4)- 3/4	97	MMW 22524
6 1/2	19 1/2	6 1/2	1 1/4	17 1/4	16	4	13 1/4	6 13/16	(4)- 1	167	MMW 22526
6 1/2	19 1/2	6 1/2	1 1/4	17 1/4	16	4	13 1/4	7 1/16	(4)- 1	138	MMW 22528
7 1/8	22	6 1/4	1 1/2	19 1/8	17 3/8	3 3/4	14 3/4	7 11/16	(4)- 1	213	MMW 22530
7 1/8	22	6 1/4	1 1/2	19 1/8	17 3/8	3 3/4	14 3/4	8 3/16	(4)- 1	205	MMW 22532
7 3/4	26 3/4	7	1 3/4	23 5/8	20 7/8	4 5/8	16 1/16	8 7/16	(4)- 1	259	MMW 22534
7 3/4	26 3/4	7	1 3/4	23 5/8	20 7/8	4 5/8	16 1/16	8 1/2	(4)- 1	263	MMW 22536
8 3/4	29 1/2	8	2	25	22 1/2	5	18 1/8	8 13/16	(4)- 1 1/4	368	MMW 22538
8 3/4	29 1/2	8	2	25	22 1/2	5	18 1/8	9 3/16	(4)- 1 1/4	373	MMW 22540
9 1/2	32 3/4	8 3/4	2 1/4	27 7/8	24 3/4	5 1/4	19 7/8	11 3/8	(4)- 1 1/2	487	MMW 22544

**SOLID**

### MMW 226

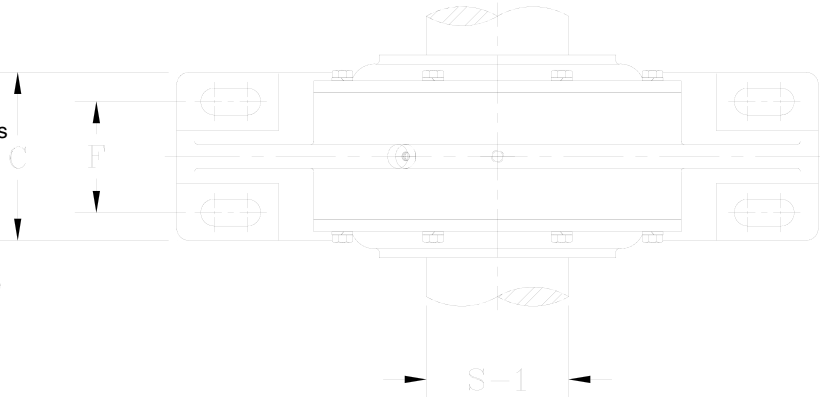
### PILLOW BLOCK DIMENSIONS

A	B	C	D	E		F	H	L	BOLTS (NO. REQ'D)	WEIGHT LBS. HOUSING LER, SR	COMPLETE PILLOW BLOCK NUMBER
				MAX IN.	MIN IN.						
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.		
4 3/4	15 1/4	4 1/4	1	13 1/8	11 5/8	2 3/8	9 13/16	6	(4)- 3/4	76	MMW 22615
4 3/4	15 1/4	4 1/4	1	13 1/8	11 5/8	2 3/8	9 13/16	6	(4)- 3/4	75	MMW 22616
4 3/4	15 1/4	4 1/4	1	13 1/8	11 5/8	2 3/8	9 13/16	6 7/16	(4)- 3/4	72	MMW 22617
4 3/4	15 1/4	4 1/4	1	13 1/8	11 5/8	2 3/8	9 13/16	6 7/16	(4)- 3/4	72	MMW 22618
5 1/2	16 1/2	4 3/4	1	14 1/2	13 1/4	2 3/4	11 1/4	7 1/16	(4)- 3/4	99	MMW 22620
6 1/2	19 1/2	6 1/2	1 1/4	17 1/4	16	4	13 1/4	7 7/16	(4)- 1	170	MMW 22622
7 1/8	22	6 1/4	1 1/2	19 1/8	17 3/8	3 3/4	14 3/4	7 11/16	(4)- 1	221	MMW 22624
7 1/8	22	6 1/4	1 1/2	19 1/8	17 3/8	3 3/4	14 3/4	8	(4)- 1	209	MMW 22626
7 3/4	26 3/4	7	1 3/4	23 5/8	20 7/8	4 5/8	16 1/16	8 11/16	(4)- 1	268	MMW 22628
7 3/4	26 3/4	7	1 3/4	23 5/8	20 7/8	4 5/8	16	9 1/2	(4)- 1	264	MMW 22630
8 3/4	29 1/2	8	2	25	22 1/2	5	18 1/8	9 1/2	(4)- 1 1/4	363	MMW 22632
8 3/4	29 1/2	8	2	25	22 1/2	5	18 1/8	9 13/16	(4)- 1 1/4	377	MMW 22634
9 1/2	32 3/4	8 3/4	2 1/4	27 7/8	24 3/4	5 1/4	19 7/8	10 1/8	(4)- 1 1/2	489	MMW 22636
9 1/2	32 3/4	8 3/4	2 1/4	27 7/8	24 3/4	5 1/4	19 7/8	10 11/16	(4)- 1 1/2	487	MMW 22638
9 7/8	34 1/4	9	2 3/4	29 1/2	26 1/4	5 1/2	20 3/16	11 15/16	(4)- 1 1/2	513	MMW 22640



## HOW TO ORDER:

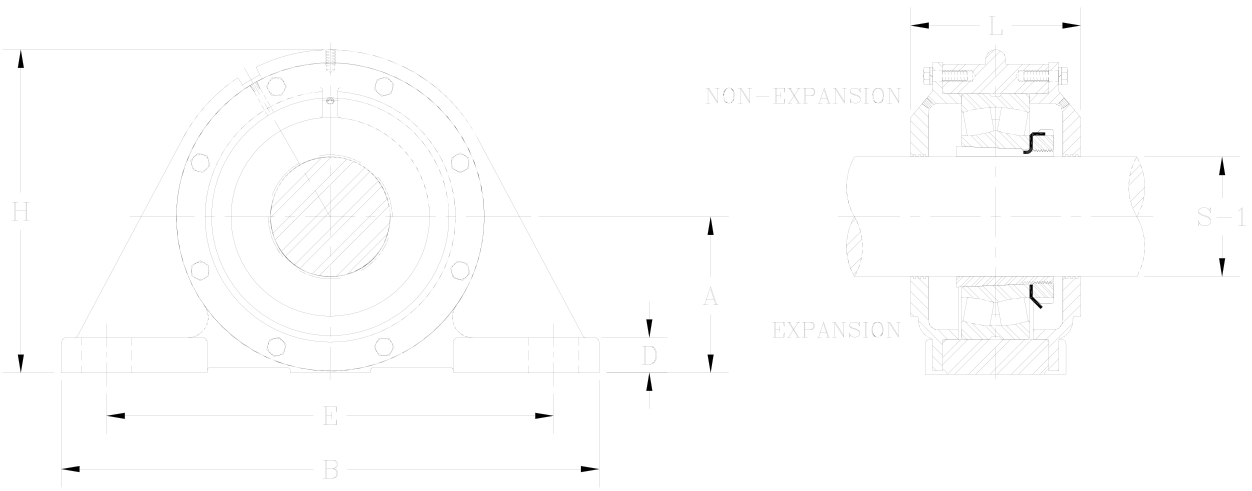
- When you order MMW 23024 K NEL you receive:  
1 MMW 024 K Housing with Labyrinth Seals, non expansion.  
1 No. 23024 K Bearing.
- 1 No. SNW 3024 Adapter (Sleeve, Locknut, and Lockwasher).
- These housing come either expansion for float applications or  
non-expansion for fixed applications. Indicate by:  
E - For Expansion NE - For Non Expansion
- Always specify shaft size when ordering.
- Use only one NE - Non-Expansion housing per shaft.
- If you want Oil Seals substitute letter S for L. Oil seals are supplied at additional cost.
- If your order specifies "one end closed" you receive the



MMW 230 K ADAPTER MOUNTED		PILLOW BLOCK PART NUMBERS		
SHAFT DIAMETER S-1 IN.	COMPLETE PILLOW BLOCK NUMBER	PILLOW BLOCK HOUSING ONLY	BEARING NUMBER	ADAPTER LOCKNUT AND LOCKWASHER
4 3/16	MMW 23024 K	MMW 024 K	23024 K	SNW 3024
4 7/16	MMW 23026 K	MMW 026 K	23026 K	SNW 3026
4 15/16	MMW 23028 K	MMW 028 K	23028 K	SNW 3028
5 3/16	MMW 23030 K	MMW 030 K	23030 K	SNW 3030
5 7/16	MMW 23032 K	MMW 032 K	23032 K	SNW 3032
5 15/16	MMW 23034 K	MMW 034 K	23034 K	SNW 3034
6 7/16	MMW 23036 K	MMW 036 K	23036 K	SNW 3036
6 15/16	MMW 23038 K	MMW 038 K	23038 K	SNW 3038
7 3/16	MMW 23040 K	MMW 040 K	23040 K	SNW 3040
7 15/16	MMW 23044 K	MMW 044 K	23044 K	SNW 3044

MMW 230 K ADAPTER MOUNTED		PILLOW BLOCK PART NUMBERS		
SHAFT DIAMETER S-1 IN.	COMPLETE PILLOW BLOCK NUMBER	PILLOW BLOCK HOUSING ONLY	BEARING NUMBER	ADAPTER LOCKNUT AND LOCKWASHER
8 7/16	MMW 23048 K	MMW 048 K	23048 K	SNP 3048
8 1/2	MMW 23048 K	MMW 048 K	23048 K	SNP 3048
8 15/16	MMW 23048 K	MMW 048 K	23048 K	SNP 3048
9	MMW 23048 K	MMW 048 K	23048 K	SNP 3048
9 7/16	MMW 23052 K	MMW 052 K	23052 K	SNP 3052
9 1/2	MMW 23052 K	MMW 052 K	23052 K	SNP 3052
9 15/16	MMW 23056 K	MMW 056 K	23056 K	SNP 3056
10	MMW 23056 K	MMW 056 K	23056 K	SNP 3056
10 7/16	MMW 23056 K	MMW 056 K	23056 K	SNP 3056
10 1/2	MMW 23056 K	MMW 056 K	23056 K	SNP 3056
10 15/16	MMW 23060 K	MMW 060 K	23060 K	SNP 3060
11	MMW 23060 K	MMW 060 K	23060 K	SNP 3060
11 7/16	MMW 23064 K	MMW 064 K	23064 K	SNP 3064
11 1/2	MMW 23064 K	MMW 064 K	23064 K	SNP 3064
11 15/16	MMW 23064 K	MMW 064 K	23064 K	SNP 3064
12	MMW 23064 K	MMW 064 K	23064 K	SNP 3064
12 7/16	MMW 23068 K	MMW 068 K	23068 K	SNP 3068
12 1/2	MMW 23068 K	MMW 068 K	23068 K	SNP 3068
12 15/16	MMW 23072 K	MMW 072 K	23072 K	SNP 3072
13	MMW 23072 K	MMW 072 K	23072 K	SNP 3072
13 7/16	MMW 23072 K	MMW 072 K	23072 K	SNP 3072
13 1/2	MMW 23072 K	MMW 072 K	23072 K	SNP 3072
13 15/16	MMW 23076 K	MMW 076 K	23076 K	SNP 3076
14	MMW 23076 K	MMW 076 K	23076 K	SNP 3076
14 1/4	MMW 23076 K	MMW 076 K	23076 K	SNP 3076
14 15/16	MMW 23080 K	MMW 080 K	23080 K	SNP 3080
15	MMW 23080 K	MMW 080 K	23080 K	SNP 3080
15 1/2	MMW 23084 K	MMW 084 K	23084 K	SNP 3084
15 3/4	MMW 23084 K	MMW 084 K	23084 K	SNP 3084





**MMW 230 K** PILLOW BLOCK DIMENSIONS

A	B	C	D	E		F	H	L	BOLTS (NO. REQ'D)	WEIGHT LBS. HOUSING	COMPLETE PILLOW BLOCK NUMBER
				MAX IN.	MIN IN.						
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.		
4 3/4	15 1/4	4 1/4	1	13 1/8	11 5/8	2 3/8	9 13/16	6 1/16	(4)- 3/4	72	MMW 23024 K
5 1/2	16 1/2	4 3/4	1	14 1/2	13 1/4	2 3/4	11 1/4	6 7/16	(4)- 3/4	96	MMW 23026 K
5 1/2	16 1/2	4 3/4	1	14 1/2	13 1/4	2 3/4	11 1/4	6 9/16	(4)- 3/4	97	MMW 23028 K
5 1/2	16 1/2	4 3/4	1	14 1/2	13 1/4	2 3/4	11 1/4	6 7/8	(4)- 3/4	95	MMW 23030 K
6 1/2	19 1/2	6 1/2	1 1/4	17 1/4	16	4	13 1/4	7 5/16	(4)- 1	170	MMW 23032 K
7 1/8	22	6 1/4	1 1/2	19 1/8	17 3/8	3 3/4	14 3/4	7 3/4	(4)- 1	221	MMW 23034 K
7 1/8	22	6 1/4	1 1/2	19 1/8	17 3/8	3 3/4	14 3/4	8	(4)- 1	209	MMW 23036 K
7 1/8	22	6 1/4	1 1/2	19 1/8	17 3/8	3 3/4	14 3/4	8 3/16	(4)- 1	205	MMW 23038 K
7 3/4	26 3/4	7	1 3/4	23 5/8	20 7/8	4 5/8	16 1/16	8 7/16	(4)- 1	259	MMW 23040 K
8 3/4	29 1/2	8	2	25	22 1/2	5	18 1/8	8 13/16	(4)- 1 1/4	368	MMW 23044 K

**SOLID**

**MMW 230 K** PILLOW BLOCK DIMENSIONS

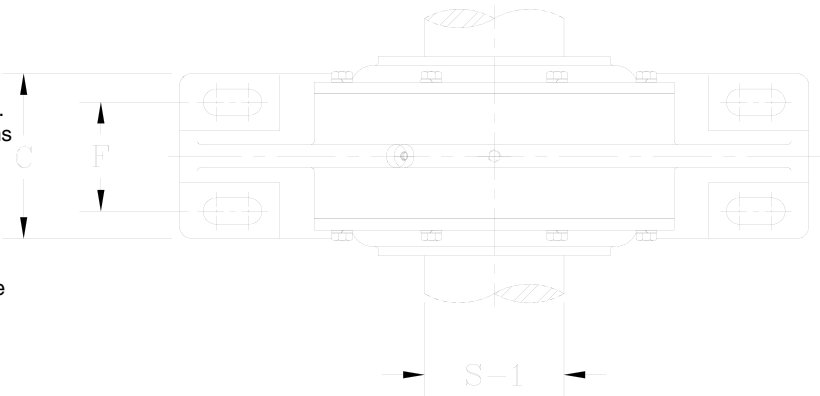
A	B	C	D	E		F	H	L	BOLTS (NO. REQ'D)	WEIGHT LBS. HOUSING	COMPLETE PILLOW BLOCK NUMBER
				MAX IN.	MIN IN.						
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.		
8 3/4	29 1/2	8	2	25	22 1/2	5	18 1/8	10 3/16	(4)- 1 1/4	373	MMW 23048 K
8 3/4	29 1/2	8	2	25	22 1/2	5	18 1/8	10 3/16	(4)- 1 1/4	373	MMW 23048 K
8 3/4	29 1/2	8	2	25	22 1/2	5	18 1/8	10 3/16	(4)- 1 1/4	373	MMW 23048 K
8 3/4	29 1/2	8	2	25	22 1/2	5	18 1/8	10 3/16	(4)- 1 1/4	373	MMW 23048 K
9 1/2	32 3/4	8 3/4	2 1/4	27 7/8	24 3/4	5 1/4	19 7/8	11 5/16	(4)- 1 1/2	487	MMW 23052 K
9 1/2	32 3/4	8 3/4	2 1/4	27 7/8	24 3/4	5 1/4	19 7/8	11 5/16	(4)- 1 1/2	487	MMW 23052 K
9 7/8	34 1/4	9	2 3/4	29 1/2	26 1/4	5 1/2	20 3/16	11 3/8	(4)- 1 1/2	513	MMW 23056 K
9 7/8	34 1/4	9	2 3/4	29 1/2	26 1/4	5 1/2	20 3/16	11 3/8	(4)- 1 1/2	513	MMW 23056 K
9 7/8	34 1/4	9	2 3/4	29 1/2	26 1/4	5 1/2	20 3/16	11 3/8	(4)- 1 1/2	513	MMW 23056 K
9 7/8	34 1/4	9	2 3/4	29 1/2	26 1/4	5 1/2	20 3/16	11 3/8	(4)- 1 1/2	513	MMW 23056 K
12	38 1/4	13	3 1/4	33 1/2	32	9	24 7/16	13 5/16	(4)- 1 5/8	945	MMW 23060 K
12	38 1/4	13	3 1/4	33 1/2	32	9	24 7/16	13 5/16	(4)- 1 5/8	945	MMW 23060 K
12	38 1/4	13	3 1/4	33 1/2	32	9	24 7/16	14 3/16	(4)- 1 5/8	932	MMW 23064 K
12	38 1/4	13	3 1/4	33 1/2	32	9	24 7/16	14 3/16	(4)- 1 5/8	932	MMW 23064 K
12	38 1/4	13	3 1/4	33 1/2	32	9	24 7/16	14 3/16	(4)- 1 5/8	932	MMW 23064 K
12	38 1/4	13	3 1/4	33 1/2	32	9	24 7/16	14 1/2	(4)- 1 5/8	918	MMW 23068 K
12	38 1/4	13	3 1/4	33 1/2	32	9	24 7/16	14 1/2	(4)- 1 5/8	918	MMW 23068 K
13 1/2	41 3/4	15	3 1/2	36 1/2	35	10 1/2	27	14 5/8	(4)- 1 3/4	1234	MMW 23072 K
13 1/2	41 3/4	15	3 1/2	36 1/2	35	10 1/2	27	14 5/8	(4)- 1 3/4	1234	MMW 23072 K
13 1/2	41 3/4	15	3 1/2	36 1/2	35	10 1/2	27	14 5/8	(4)- 1 3/4	1234	MMW 23072 K
13 1/2	41 3/4	15	3 1/2	36 1/2	35	10 1/2	27	14 5/8	(4)- 1 3/4	1234	MMW 23072 K
13 1/2	41 3/4	15	3 1/2	36 1/2	35	10 1/2	27	15 3/8	(4)- 1 3/4	1234	MMW 23076 K
13 1/2	41 3/4	15	3 1/2	36 1/2	35	10 1/2	27	15 3/8	(4)- 1 3/4	1234	MMW 23076 K
13 1/2	41 3/4	15	3 1/2	36 1/2	35	10 1/2	27	15 3/8	(4)- 1 3/4	1234	MMW 23076 K
15	47	16 1/2	3 3/4	39 1/2	38	11	30	16 7/16	(4)- 2	1762	MMW 23080 K
15	47	16 1/2	3 3/4	39 1/2	38	11	30	16 7/16	(4)- 2	1762	MMW 23080 K
15	47	16 1/2	3 3/4	39 1/2	38	11	30	16 3/4	(4)- 2	1742	MMW 23084 K
15	47	16 1/2	3 3/4	39 1/2	38	11	30	16 3/4	(4)- 2	1742	MMW 23084 K





**HOW TO ORDER:**

- When you order MMW 23122 K NEL you receive;  
1 MMW 122 K Housing with Labyrinth Seals, non expansion.  
1 No. 23122 K Bearing.
- 1 No. SNW 3122 Adapter (Sleeve, Locknut, and Lockwasher).
- These housing come either expansion for float applications or  
non-expansion for fixed applications. Indicate by:  
E - For Expansion NE - For Non Expansion
- Always specify shaft size when ordering.
- Use only one NE - Non-Expansion housing per shaft.
- If you want Oil Seals substitute letter S for L. Oil seals are supplied at additional cost.
- If your order specifies "one end closed" you receive the



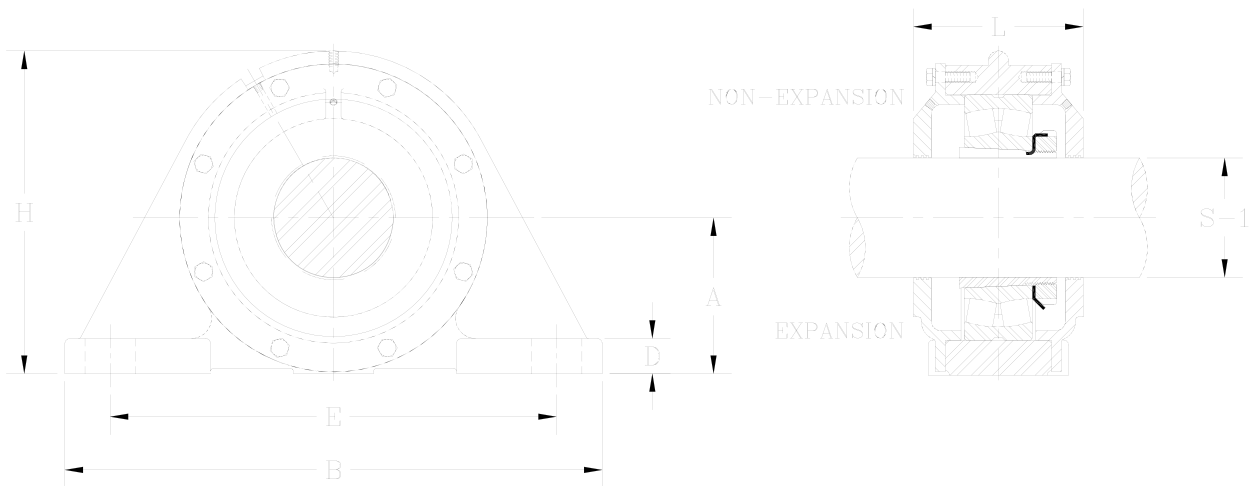
**MMW 231 K ADAPTER MOUNTED PILLOW BLOCK PART NUMBERS**

SHAFT DIAMETER S-1 IN.	COMPLETE PILLOW BLOCK NUMBER	PILLOW BLOCK HOUSING ONLY	BEARING NUMBER	ADAPTER LOCKNUT AND LOCKWASHER
3 15/16	MMW 23122 K	MMW 122 K	23122 K	SNW 3122
4 3/16	MMW 23124 K	MMW 124 K	23124 K	SNW 3124
4 7/16	MMW 23126 K	MMW 126 K	23126 K	SNW 3126
4 15/16	MMW 23128 K	MMW 128 K	23128 K	SNW 3128
5 3/16	MMW 23130 K	MMW 130 K	23130 K	SNW 3130
5 7/16	MMW 23132 K	MMW 132 K	23132 K	SNW 3132
5 15/16	MMW 23134 K	MMW 134 K	23134 K	SNW 3134
6 7/16	MMW 23136 K	MMW 136 K	23136 K	SNW 3136
6 15/16	MMW 23138 K	MMW 138 K	23138 K	SNW 3138
7 3/16	MMW 23140 K	MMW 140 K	23140 K	SNW 3140
7 15/16	MMW 23144 K	MMW 144 K	23144 K	SNW 3144

**MMW 235 ADAPTER MOUNTED PILLOW BLOCK PART NUMBERS**

SHAFT DIAMETER S-1 IN.	COMPLETE PILLOW BLOCK NUMBER	PILLOW BLOCK HOUSING ONLY	BEARING NUMBER	ADAPTER LOCKNUT AND LOCKWASHER
3 7/16	MMW 23520	MMW 3520	23220 K	SNW 120
3 15/16	MMW 23522	MMW 3522	23222 K	SNW 122
4 3/16	MMW 23524	MMW 3524	23224 K	SNW 124
4 7/16	MMW 23526	MMW 3526	23226 K	SNW 126
4 15/16	MMW 23528	MMW 3528	23228 K	SNW 128
5 3/16	MMW 23530	MMW 3530	23230 K	SNW 130
5 7/16	MMW 23532	MMW 3532	23232 K	SNW 132
5 15/16	MMW 23534	MMW 3534	23234 K	SNW 134
6 7/16	MMW 23536	MMW 3536	23236 K	SNW 136
6 15/16	MMW 23538	MMW 3538	23238 K	SNW 138
7 3/16	MMW 23540	MMW 3540	23240 K	SNW 140
7 15/16	MMW 23544	MMW 3544	23244 K	SNW 144





### MMW 231 K PILLOW BLOCK DIMENSIONS

A	B	C	D	E		F	H	L	BOLTS (NO. REQ'D)	WEIGHT LBS. HOUSING	COMPLETE PILLOW BLOCK NUMBER
				MAX IN.	MIN IN.						
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.		
4 3/4	15 1/4	4 1/4	1	13 1/8	11 5/8	2 3/8	9 13/16	6 1/2	(4)- 3/4	72	MMW 23122 K
5 1/2	16 1/2	4 3/4	1	14 1/2	13 1/4	2 3/4	11 1/4	6 5/16	(4)- 3/4	96	MMW 23124 K
5 1/2	16 1/2	4 3/4	1	14 1/2	13 1/4	2 3/4	11 1/4	6 7/8	(4)- 3/4	97	MMW 23126 K
5 1/2	16 1/2	4 3/4	1	14 1/2	13 1/4	2 3/4	11 1/4	7 1/16	(4)- 3/4	95	MMW 23128 K
6 1/2	19 1/2	6 1/2	1 1/4	17 1/4	16	4	13 1/4	7 3/4	(4)- 1	167	MMW 23130 K
7 1/8	22	6 1/4	1 1/2	19 1/8	17 3/8	3 3/4	14 3/4	8 1/8	(4)- 1	213	MMW 23132 K
7 1/8	22	6 1/4	1 1/2	19 1/8	17 3/8	3 3/4	14 3/4	8 1/4	(4)- 1	209	MMW 23134 K
7 3/4	26 3/4	7	1 3/4	23 5/8	20 7/8	4 5/8	16 1/16	8 11/16	(4)- 1	268	MMW 23136 K
7 3/4	26 3/4	7	1 3/4	23 5/8	20 7/8	4 5/8	16 1/16	9	(4)- 1	264	MMW 23138 K
8 3/4	29 1/2	8	2	25	22 1/2	5	18 1/8	9 1/2	(4)- 1 1/4	363	MMW 23140 K
8 3/4	29 1/2	8	2	25	22 1/2	5	18 1/8	11	(4)- 1 1/4	388	MMW 23144 K

**SOLID**

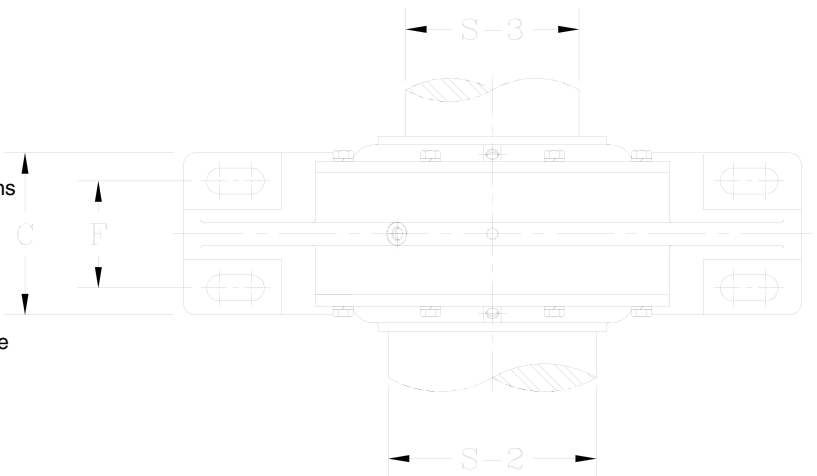
### MMW 235 PILLOW BLOCK DIMENSIONS

A	B	C	D	E		F	H	L	BOLTS (NO. REQ'D)	WEIGHT LBS. HOUSING	COMPLETE PILLOW BLOCK NUMBER
				MAX IN.	MIN IN.						
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.		
4 3/4	15 1/4	4 1/4	1	13 1/8	11 5/8	2 3/8	9 13/16	6 7/16	(4)- 3/4	72	MMW 23520
5 1/2	16 1/2	4 3/4	1	14 1/2	13 1/4	2 3/4	11 1/4	6 15/16	(4)- 3/4	102	MMW 23522
5 1/2	16 1/2	4 3/4	1	14 1/2	13 1/4	2 3/4	11 1/4	7 1/4	(4)- 3/4	99	MMW 23524
6 1/2	19 1/2	6 1/2	1 1/4	17 1/4	16	4	13 1/4	7 1/16	(4)- 1	170	MMW 23526
6 1/2	19 1/2	6 1/2	1 1/4	17 1/4	16	4	13 1/4	7 7/8	(4)- 1	167	MMW 23528
7 1/8	22	6 1/4	1 1/2	19 1/8	17 3/8	3 3/4	14 3/4	8	(4)- 1	213	MMW 23530
7 1/8	22	6 1/4	1 1/2	19 1/8	17 3/8	3 3/4	14 3/4	9 1/8	(4)- 1	213	MMW 23532
7 3/4	26 3/4	7	1 3/4	23 5/8	20 7/8	4 5/8	16 1/16	9 7/16	(4)- 1	267	MMW 23534
7 3/4	26 3/4	7	1 3/4	23 5/8	20 7/8	4 5/8	16 1/16	9 9/16	(4)- 1	264	MMW 23536
8 3/4	29 1/2	8	2	25	22 1/2	5	18 1/8	9 1/2	(4)- 1 1/4	363	MMW 23538
8 3/4	29 1/2	8	2	25	22 1/2	5	18 1/8	10 3/8	(4)- 1 1/4	379	MMW 23540
9 1/2	32 3/4	8 3/4	2 1/4	27 7/8	24 3/4	5 1/4	19 7/8	11 3/8	(4)- 1 1/2	487	MMW 23544



## HOW TO ORDER:

- When you order MMW 22218 NEL you receive;
  - 1 MMW 218 Housing with Labyrinth Seals, non expansion.
  - 1 No. 22218 Bearing.
  - 1 No. AN 18 Locknut, and 1 No. W 18 Lockwasher.
- These housing come either expansion for float applications or
  - non-expansion for fixed applications. Indicate by:
    - E - For Expansion NE - For Non Expansion
- Always specify shaft size when ordering.
- Use only one NE - Non-Expansion housing per shaft.
- If you want Oil Seals substitute letter S for L. Oil seals are supplied at additional cost.
- If your order specifies "one end closed" you receive the



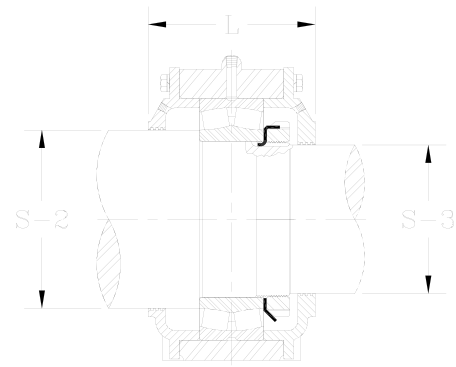
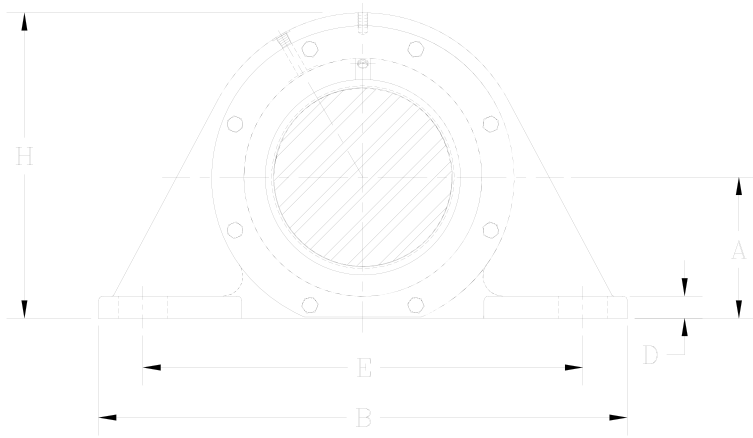
## MMW 222 CYLINDRICAL MOUNTED PILLOW BLOCK PART NUMBERS

SHAFT DIAMETER		COMPLETE PILLOW BLOCK NUMBER	PILLOW BLOCK HOUSING ONLY	BEARING NUMBER	LOCKNUT	LOCKWASHER	
S-2 IN.	S-3 IN.						
4	1/8	3 3/8	MMW 22218	MMW 218	22218	AN 18	W 18
4	1/2	3 13/16	MMW 22220	MMW 220	22220	AN 20	W 20
4	7/8	4 3/16	MMW 22222	MMW 222	22222	AN 22	W 22
5	5/16	4 9/16	MMW 22224	MMW 224	22224	AN 24	W 24
5	7/8	4 15/16	MMW 22226	MMW 226	22226	AN 26	W 26
6	1/4	5 5/16	MMW 22228	MMW 228	22228	AN 28	W 28
6	5/8	5 3/4	MMW 22230	MMW 230	22230	AN 30	W 30
7		6 1/16	MMW 22232	MMW 232	22232	AN 32	W 32
7	7/16	6 7/16	MMW 22234	MMW 234	22234	AN 34	W 34
7	13/16	6 7/8	MMW 22236	MMW 236	22236	AN 36	W 36
8	3/8	7 1/4	MMW 22238	MMW 238	22238	AN 38	W 38
8	3/4	7 5/8	MMW 22240	MMW 240	22240	AN 40	W 40
9	9/16	8 5/16	MMW 22244	MMW 244	22244	N 44	W 44

## MMW 223 CYLINDRICAL MOUNTED PILLOW BLOCK PART NUMBERS

SHAFT DIAMETER		COMPLETE PILLOW BLOCK NUMBER	PILLOW BLOCK HOUSING ONLY	BEARING NUMBER	LOCKNUT	LOCKWASHER	
S-2 IN.	S-3 IN.						
3	7/16	2 13/16	MMW 22315	MMW 315	22315	AN 15	W 15
3	5/8	3	MMW 22316	MMW 316	22316	AN 16	W 16
3	15/16	3 3/16	MMW 22317	MMW 317	22317	AN 17	W 17
4	1/8	3 3/8	MMW 22318	MMW 318	22318	AN 18	W 18
4	1/2	3 13/16	MMW 22320	MMW 320	22320	AN 20	W 20
4	7/8	4 3/16	MMW 22322	MMW 322	22322	AN 22	W 22
5	5/16	4 9/16	MMW 22324	MMW 324	22324	AN 24	W 24
5	7/8	4 15/16	MMW 22326	MMW 326	22326	AN 26	W 26
6	1/4	5 5/16	MMW 22328	MMW 328	22328	AN 28	W 28
6	5/8	5 3/4	MMW 22330	MMW 330	22330	AN 30	W 30
7		6 1/16	MMW 22332	MMW 332	22332	AN 32	W 32
7	7/16	6 7/16	MMW 22334	MMW 334	22334	AN 34	W 34
7	13/16	6 7/8	MMW 22336	MMW 336	22336	AN 36	W 36
8	3/8	7 1/4	MMW 22338	MMW 338	22338	AN 38	W 38
8	3/4	7 5/8	MMW 22340	MMW 340	22340	AN 40	W 40





### MMW 222

### PILLOW BLOCK DIMENSIONS

A	B	C	D	E		F	H	L	BOLTS (NO. REQ'D) IN.	WEIGHT LBS. HOUSING	COMPLETE PILLOW BLOCK NUMBER
				MAX IN.	MIN IN.						
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.
4 3/4	15 1/4	4 1/4	1	13 1/8	11 5/8	2 3/8	9 13/16	6	(4)- 3/4	76	MMW 22218
4 3/4	15 1/4	4 1/4	1	13 1/8	11 5/8	2 3/8	9 13/16	5 7/8	(4)- 3/4	72	MMW 22220
5 1/2	16 1/2	4 3/4	1	14 1/2	13 1/4	2 3/4	11 1/4	6 1/4	(4)- 3/4	96	MMW 22222
5 1/2	16 1/2	4 3/4	1	14 1/2	13 1/4	2 3/4	11 1/4	6 9/16	(4)- 3/4	97	MMW 22224
6 1/2	19 1/2	6 1/2	1 1/4	17 1/4	16	4	13 1/4	6 13/16	(4)- 1	167	MMW 22226
6 1/2	19 1/2	6 1/2	1 1/4	17 1/4	16	4	13 1/4	7 1/16	(4)- 1	138	MMW 22228
7 1/8	22	6 1/4	1 1/2	19 1/8	17 3/8	3 3/4	14 3/4	7 11/16	(4)- 1	213	MMW 22230
7 1/8	22	6 1/4	1 1/2	19 1/8	17 3/8	3 3/4	14 3/4	8 3/16	(4)- 1	205	MMW 22232
7 3/4	26 3/4	7	1 3/4	23 5/8	20 7/8	4 5/8	16 1/16	8 7/16	(4)- 1	259	MMW 22234
7 3/4	26 3/4	7	1 3/4	23 5/8	20 7/8	4 5/8	16 1/16	8 1/2	(4)- 1	257	MMW 22236
8 3/4	29 1/2	8	2	25	22 1/2	5	18 1/8	8 13/16	(4)- 1 1/4	368	MMW 22238
8 3/4	29 1/2	8	2	25	22 1/2	5	18 1/8	9 3/16	(4)- 1 1/4	373	MMW 22240
9 1/2	32 3/4	8 3/4	2 1/4	25 7/8	24 3/4	5 1/4	19 7/8	11 3/8	(4)- 1 1/2	487	MMW 22244

**SOLID**

### MMW 223

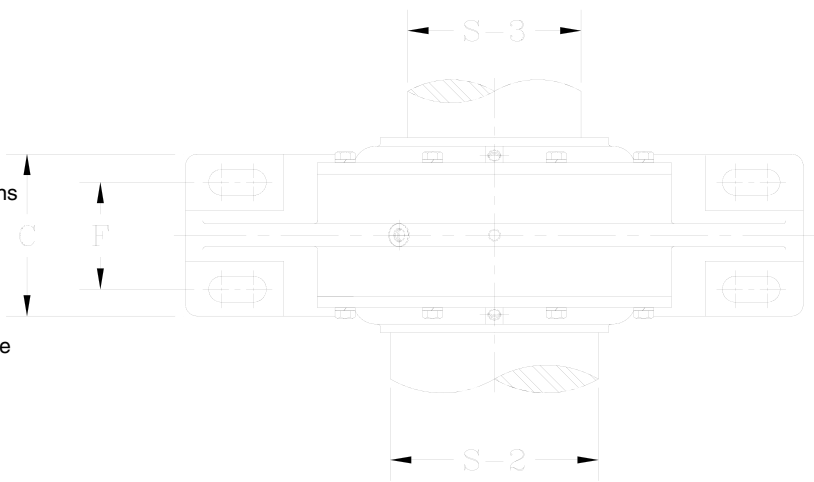
### PILLOW BLOCK DIMENSIONS

A	B	C	D	E		F	H	L	BOLTS (NO. REQ'D) IN.	WEIGHT LBS. HOUSING	COMPLETE PILLOW BLOCK NUMBER
				MAX IN.	MIN IN.						
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.
4 3/4	15 1/4	4 1/4	1	13 1/8	11 5/8	2 3/8	9 13/16	6	(4)- 3/4	76	MMW 22315
4 3/4	15 1/4	4 1/4	1	13 1/8	11 5/8	2 3/8	9 13/16	6	(4)- 3/4	75	MMW 22316
4 3/4	15 1/4	4 1/4	1	13 1/8	11 5/8	2 3/8	9 13/16	6 7/16	(4)- 3/4	72	MMW 22317
4 3/4	15 1/4	4 1/4	1	13 1/8	11 5/8	2 3/8	9 13/16	6 7/16	(4)- 3/4	72	MMW 22318
5 1/2	16 1/2	4 3/4	1	14 1/2	13 1/4	2 3/4	11 1/4	7 1/16	(4)- 3/4	99	MMW 22320
6 1/2	19 1/2	6 1/2	1 1/4	17 1/4	16	4	13 1/4	7 7/16	(4)- 1	170	MMW 22322
7 1/8	22	6 1/4	1 1/2	19 1/8	17 3/8	3 3/4	14 3/4	7 11/16	(4)- 1	221	MMW 22324
7 1/8	22	6 1/4	1 1/2	19 1/8	17 3/8	3 3/4	14 3/4	8	(4)- 1	209	MMW 22326
7 3/4	26 3/4	7	1 3/4	23 5/8	20 7/8	4 5/8	16 1/16	8 11/16	(4)- 1	268	MMW 22328
7 3/4	26 3/4	7	1 3/4	23 5/8	20 7/8	4 5/8	16	9 1/2	(4)- 1	264	MMW 22330
8 3/4	29 1/2	8	2	25	22 1/2	5	18 1/8	9 1/2	(4)- 1 1/4	363	MMW 22332
8 3/4	29 1/2	8	2	25	22 1/2	5	18 1/8	9 13/16	(4)- 1 1/4	360	MMW 22334
9 1/2	32 3/4	8 3/4	2 1/4	27 7/8	24 3/4	5 1/4	19 7/8	10 1/8	(4)- 1 1/2	489	MMW 22336
9 1/2	32 3/4	8 3/4	2 1/4	27 7/8	24 3/4	5 1/4	19 7/8	10 11/16	(4)- 1 1/2	487	MMW 22338
9 7/8	34 1/4	9	2 3/4	29 1/2	26 1/4	5 1/2	20 3/16	11 15/16	(4)- 1 1/2	513	MMW 22340



## HOW TO ORDER:

- When you order MMW 23024 NEL you receive;  
1 MMW 024 Housing with Labyrinth Seals, non expansion.  
1 No. 23024 Bearing.  
1 No. N 024 Locknut, and 1 No. W 024 Lockwasher.
- These housing come either expansion for float applications or  
non-expansion for fixed applications. Indicate by:  
E - For Expansion NE - For Non Expansion
- Always specify shaft size when ordering.
- Use only one NE - Non-Expansion housing per shaft.
- If you want Oil Seals substitute letter S for L. Oil seals are supplied at additional cost.
- If your order specifies "one end closed" you receive the



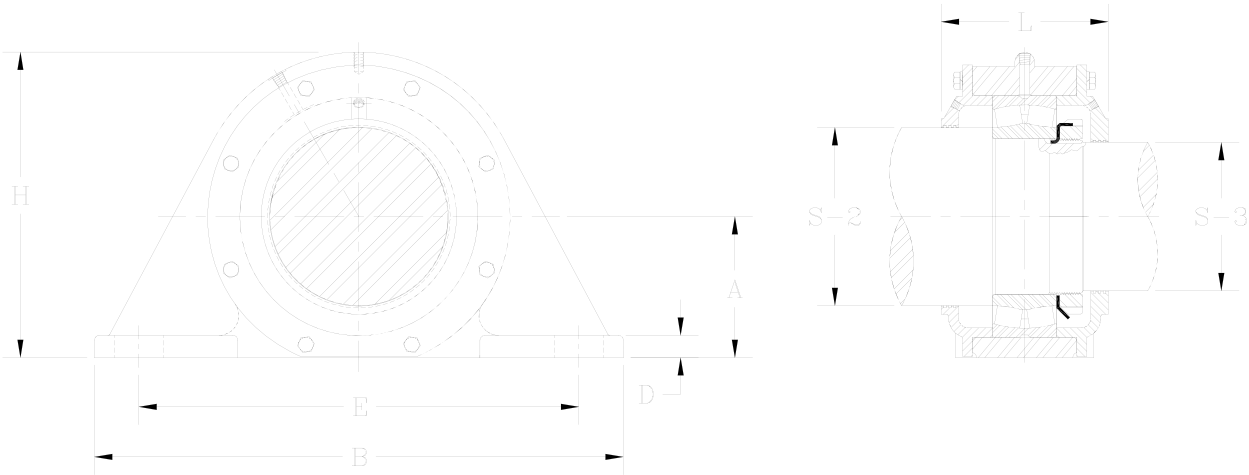
### MMW 230 CYLINDRICAL MOUNTED PILLOW BLOCK PART NUMBERS

SHAFT DIAMETER		COMPLETE PILLOW BLOCK NUMBER	PILLOW BLOCK HOUSING ONLY	BEARING NUMBER	LOCKNUT	LOCKWASHER
S-2 IN.	S-3 IN.					
5 5/16	4 9/16	MMW 23024	MMW 024	23024	N O24	W O24
5 7/8	4 15/16	MMW 23026	MMW 026	23026	N O26	W O26
6 1/4	5 5/16	MMW 23028	MMW 028	23028	N O28	W O28
6 5/8	5 3/4	MMW 23030	MMW 030	23030	N O30	W O30
7	6 1/16	MMW 23032	MMW 032	23032	N O32	W O32
7 7/16	6 7/16	MMW 23034	MMW 034	23034	N O34	W O34
7 13/16	6 7/8	MMW 23036	MMW 036	23036	N O36	W O36
8 3/8	7 1/4	MMW 23038	MMW 038	23038	N O38	W O38
8 3/4	7 5/8	MMW 23040	MMW 040	23040	N O40	W O40
9 9/16	8 5/16	MMW 23044	MMW 044	23044	N O44	W O44

### MMW 231 CYLINDRICAL MOUNTED PILLOW BLOCK PART NUMBERS

SHAFT DIAMETER		COMPLETE PILLOW BLOCK NUMBER	PILLOW BLOCK HOUSING ONLY	BEARING NUMBER	LOCKNUT	LOCKWASHER
S-2 IN.	S-3 IN.					
4 7/8	4 3/16	MMW 23122	MMW 122	23122	N O22	W O22
5 5/16	4 9/16	MMW 23124	MMW 124	23124	N O24	W O24
5 7/8	4 15/16	MMW 23126	MMW 126	23126	N O26	W O26
6 1/4	5 5/16	MMW 23128	MMW 128	23128	N O28	W O28
6 5/8	5 3/4	MMW 23130	MMW 130	23130	N O30	W O30
7	6 1/16	MMW 23132	MMW 132	23132	N O32	W O32
7 7/16	6 7/16	MMW 23134	MMW 134	23134	N O34	W O34
7 13/16	6 7/8	MMW 23136	MMW 136	23136	N O36	W O36
8 3/8	7 1/4	MMW 23138	MMW 138	23138	N O38	W O38
8 3/4	7 5/8	MMW 23140	MMW 140	23140	N O40	W O40
9 9/16	8 5/16	MMW 23144	MMW 144	23144	N O44	W O44





### MMW 230

### PILLOW BLOCK DIMENSIONS

A	B	C	D	E		F	H	L	BOLTS (NO. REQ'D) IN.	WEIGHT LBS. HOUSING LER, SR	COMPLETE PILLOW BLOCK NUMBER
				MAX IN.	MIN IN.						
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.			
4 3/4	15 1/4	4 1/4	1	13 1/8	11 5/8	2 3/8	9 13/16	6 1/16	(4)- 3/4	72	MMW 23024
5 1/2	16 1/2	4 3/4	1	14 1/2	13 1/4	2 3/4	11 1/4	6 7/16	(4)- 3/4	96	MMW 23026
5 1/2	16 1/2	4 3/4	1	14 1/2	13 1/4	2 3/4	11 1/4	6 9/16	(4)- 3/4	97	MMW 23028
5 1/2	16 1/2	4 3/4	1	14 1/2	13 1/4	2 3/4	11 1/4	6 7/8	(4)- 3/4	95	MMW 23030
6 1/2	19 1/2	6 1/2	1 1/4	17 1/4	16	4	13 1/4	7 5/16	(4)- 1	170	MMW 23032
7 1/8	22	6 1/4	1 1/2	19 1/8	17 3/8	3 3/4	14 3/4	7 3/4	(4)- 1	221	MMW 23034
7 1/8	22	6 1/4	1 1/2	19 1/8	17 3/8	3 3/4	14 3/4	8	(4)- 1	209	MMW 23036
7 1/8	22	6 1/4	1 1/2	19 1/8	17 3/8	3 3/4	14 3/4	8 3/16	(4)- 1	205	MMW 23038
7 3/4	26 3/4	7	1 3/4	23 5/8	20 7/8	4 5/8	16 1/16	8 7/16	(4)- 1	259	MMW 23040
8 3/4	29 1/2	8	2	25	22 1/2	5	18 1/8	8 13/16	(4)- 1 1/4	368	MMW 23044

**SOLID**

### MMW 231

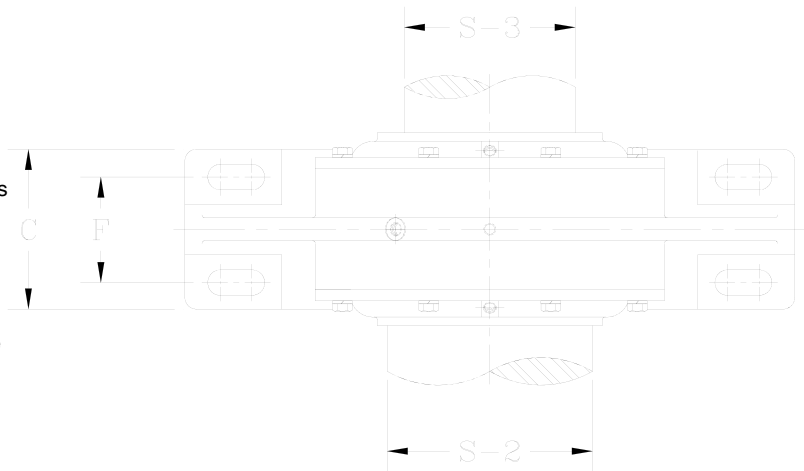
### PILLOW BLOCK DIMENSIONS

A	B	C	D	E		F	H	L	BOLTS (NO. REQ'D) IN.	WEIGHT LBS. HOUSING LER, SR	COMPLETE PILLOW BLOCK NUMBER
				MAX IN.	MIN IN.						
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.			
4 3/4	15 1/4	4 1/4	1	13 1/8	11 5/8	2 3/8	9 13/16	6 1/2	(4)- 3/4	72	MMW 23122
5 1/2	16 1/2	4 3/4	1	14 1/2	13 1/4	2 3/4	11 1/4	6 5/16	(4)- 3/4	96	MMW 23124
5 1/2	16 1/2	4 3/4	1	14 1/2	13 1/4	2 3/4	11 1/4	6 7/8	(4)- 3/4	97	MMW 23126
5 1/2	16 1/2	4 3/4	1	14 1/2	13 1/4	2 3/4	11 1/4	7 1/16	(4)- 3/4	108	MMW 23128
6 1/2	19 1/2	6 1/2	1 1/4	17 1/4	16	4	13 1/4	7 3/4	(4)- 1	138	MMW 23130
7 1/8	22	6 1/4	1 1/2	19 1/8	17 3/8	3 3/4	14 3/4	8 1/8	(4)- 1	213	MMW 23132
7 1/8	22	6 1/4	1 1/2	19 1/8	17 3/8	3 3/4	14 3/4	8 1/4	(4)- 1	209	MMW 23134
7 3/4	26 3/4	7	1 3/4	23 5/8	20 7/8	4 5/8	16 1/16	8 11/16	(4)- 1	268	MMW 23136
7 3/4	26 3/4	7	1 3/4	23 5/8	20 7/8	4 5/8	16 1/16	9	(4)- 1	264	MMW 23138
8 3/4	29 1/2	8	2	25	22 1/2	5	18 1/8	9 1/2	(4)- 1 1/4	363	MMW 23140
8 3/4	29 1/2	8	2	25	22 1/2	5	18 1/8	11	(4)- 1 1/4	388	MMW 23144



## HOW TO ORDER:

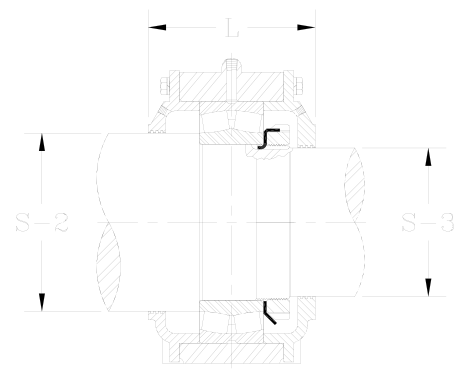
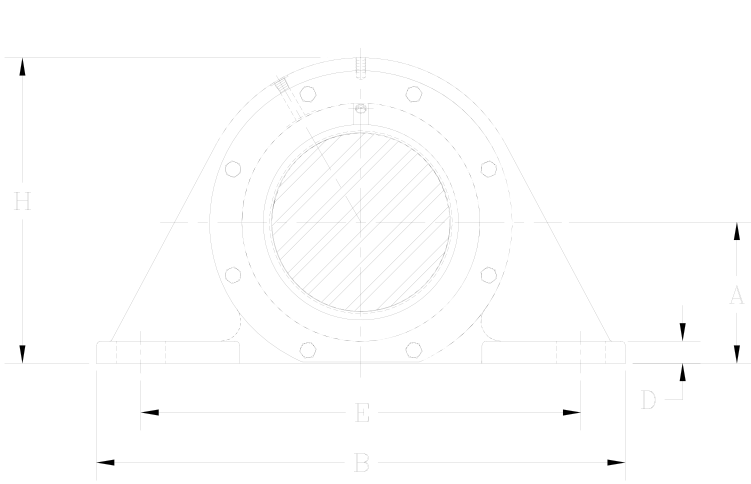
- When you order MMW 23220 NEL you receive;  
1 MMW 220 Housing with Labyrinth Seals, non expansion.  
1 No. 23220 Bearing.
- 1 No. AN 20 Locknut, and 1 No. W 20 Lockwasher.
- These housing come either expansion for float applications or non-expansion for fixed applications. Indicate by:  
E - For Expansion NE - For Non Expansion
- Always specify shaft size when ordering.
- Use only one NE - Non-Expansion housing per shaft.
- If you want Oil Seals substitute letter S for L. Oil seals are supplied at additional cost.
- If your order specifies "one end closed" you receive the



## MMW 232 CYLINDRICAL MOUNTED PILLOW BLOCK PART NUMBERS

SHAFT DIAMETER		COMPLETE PILLOW BLOCK NUMBER	PILLOW BLOCK HOUSING ONLY	BEARING NUMBER	LOCKNUT	LOCKWASHER
S-2 IN.	S-3 IN.					
4 1/2	3 13/16	MMW 23220	MMW 3220	23220	AN 20	W 20
4 7/8	4 3/16	MMW 23222	MMW 3222	23222	AN 22	W 22
5 5/16	4 9/16	MMW 23224	MMW 3224	23224	AN 24	W 24
5 7/8	4 15/16	MMW 23226	MMW 3226	23226	AN 26	W 26
6 1/4	5 5/16	MMW 23228	MMW 3228	23228	AN 28	W 28
6 5/8	5 3/4	MMW 23230	MMW 3230	23230	AN 30	W 30
7	6 1/16	MMW 23232	MMW 3232	23232	AN 32	W 32
7 7/16	6 7/16	MMW 23234	MMW 3234	23234	AN 34	W 34
7 13/16	6 7/8	MMW 23236	MMW 3236	23236	AN 36	W 36
8 3/8	7 1/4	MMW 23238	MMW 3238	23238	AN 38	W 38
8 3/4	7 5/8	MMW 23240	MMW 3240	23240	AN 40	W 40
9 9/16	8 5/16	MMW 23244	MMW 3244	23244	N 44	W 44





## MMW 232

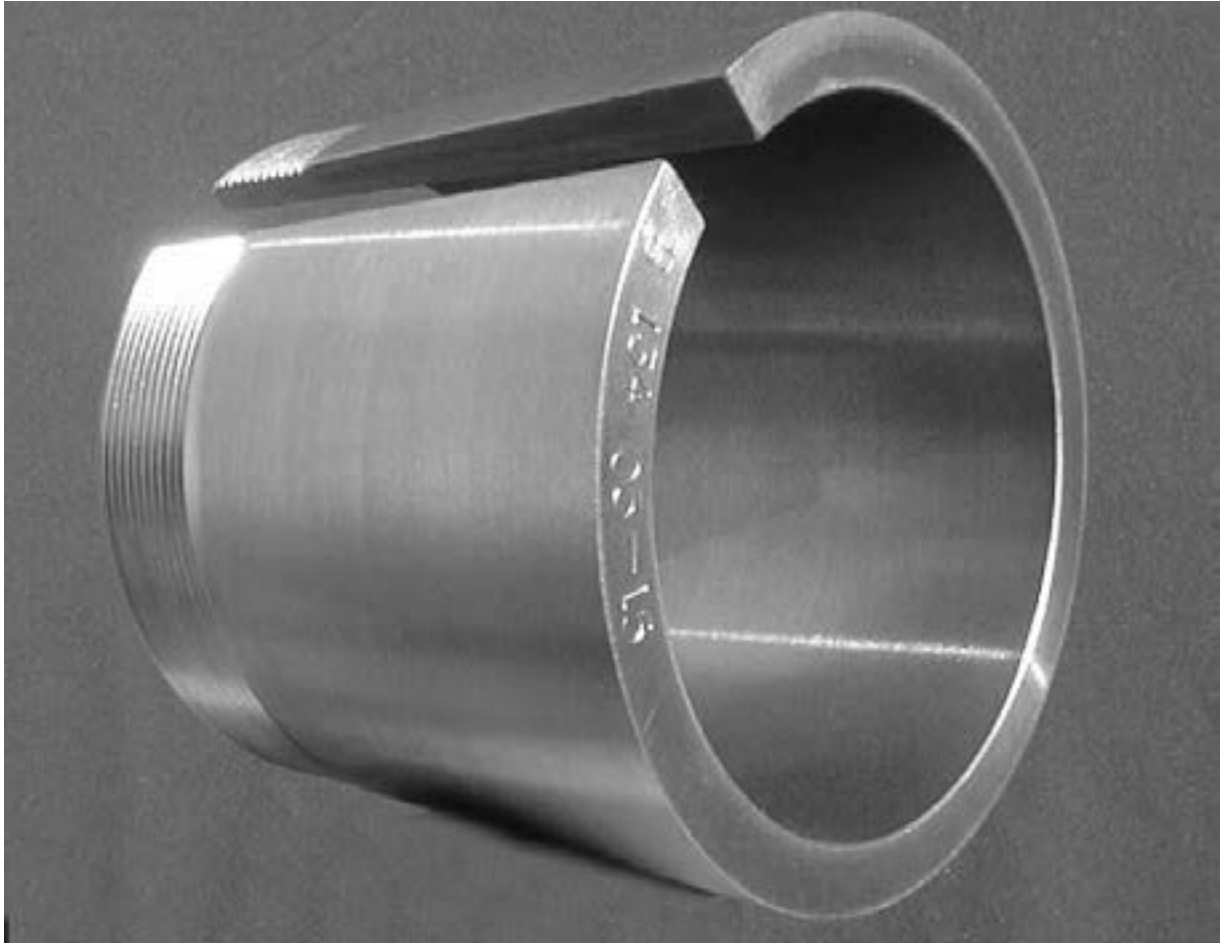
## PILLOW BLOCK DIMENSIONS

A	B	C	D	E		F	H	L	BOLTS (NO. REQ'D)	WEIGHT LBS. HOUSING	COMPLETE PILLOW BLOCK NUMBER
				MAX IN.	MIN IN.						
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.		
4 3/4	15 1/4	4 1/4	1	13 1/8	11 5/8	2 3/8	9 13/16	6 7/16	(4)- 3/4	72	MMW 23220
5 1/2	16 1/2	4 3/4	1	14 1/2	13 1/4	2 3/4	11 1/4	6 15/16	(4)- 3/4	102	MMW 23222
5 1/2	16 1/2	4 3/4	1	14 1/2	13 1/4	2 3/4	11 1/4	7 1/4	(4)- 3/4	99	MMW 23224
6 1/2	19 1/2	6 1/2	1 1/4	17 1/4	16	4	13 1/4	7 1/16	(4)- 1	170	MMW 23226
6 1/2	19 1/2	6 1/2	1 1/4	17 1/4	16	4	13 1/4	7 7/8	(4)- 1	167	MMW 23228
7 1/8	22	6 1/4	1 1/2	19 1/8	17 3/8	3 3/4	14 3/4	8	(4)- 1	213	MMW 23230
7 1/8	22	6 1/4	1 1/2	19 1/8	17 3/8	3 3/4	14 3/4	9 1/8	(4)- 1	211	MMW 23232
7 3/4	26 3/4	7	1 3/4	23 5/8	20 7/8	4 5/8	16 1/16	9 7/16	(4)- 1	267	MMW 23234
7 3/4	26 3/4	7	1 3/4	23 5/8	20 7/8	4 5/8	16 1/16	9 9/16	(4)- 1	264	MMW 23236
8 3/4	29 1/2	8	2	25	22 1/2	5	18 1/8	9 1/2	(4)- 1 1/4	363	MMW 23238
8 3/4	29 1/2	8	2	25	22 1/2	5	18 1/8	10 3/8	(4)- 1 1/4	379	MMW 23240
9 1/2	32 3/4	8 3/4	2 1/4	27 7/8	24 3/4	5 1/4	19 7/8	11 3/8	(4)- 1 1/2	487	MMW 23244

**SOLID**









**MIETHER BEARING PRODUCTS, INC.**  
An Alco Industries Company

PRECISION ENGINEERED FOR  
OUTSTANDING QUALITY



# LOCKNUTS..LOCKWASHERS..ADAPTERS

ADAPTERS

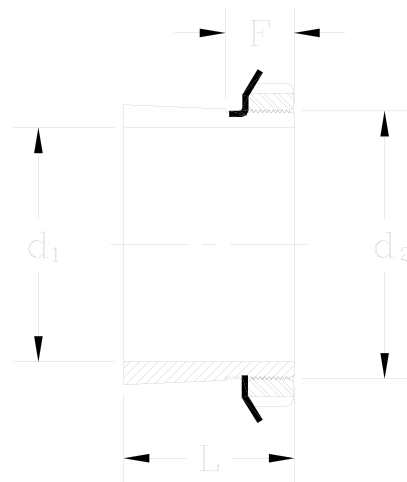
## LOCKNUTS, LOCKWASHERS, ADAPTERS:

- ◆ Locknuts and lockwashers are used to secure bearings to shafts, and also to hold gears, belt pulleys and other machine parts.
- ◆ Each piece is accurately made to assure square fit and trouble-free service.
- ◆ The adapter allows a wide range of shaft diameters and makes it unnecessary to heat the bearing or use a press when mounting.
- ◆ NO and WO series as well as AN, N and W series as standard.
- ◆ The same engineering know-how and manufacturing care go into adapter assemblies that go into the pillow blocks and bearings.
- ◆ A large stock of sizes is carried for fast delivery to you. In both English and Metric shaft sizes.
- ◆ Consult us for your special needs in locknuts, lockwashers and adapter sleeves.
- ◆ Locknuts in stock to 18 1/2" shaft sizes.



## HOW TO ORDER:

- When you order an SNW 16 you receive;  
1 S 16 Adapter sleeve.  
1 AN 16 Locknut.  
1 W 16 Washer.
- Unless otherwise specified these comes as an assembly.
- Always specify shaft size when ordering.



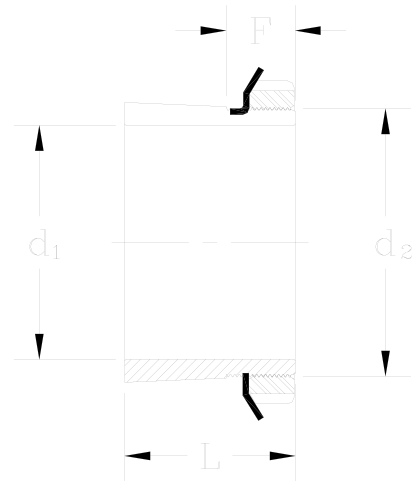
## ADAPTERS

BEARING BORE NO.	FOR BEARING SERIES 222K				FOR BEARING SERIES 231K				NOMINAL SLEEVE DIMENSIONS INCHES					
	COMPLETE ADAPTER		LOCK-NUT NO.	LOCK-WSHR NO.	COMPLETE ADAPTER		LOCK-NUT NO.	LOCK-WSHR NO.	ADAPTER SLEEVE NO.	SHAFT (BORE) DIAM. D1	L IN.	F IN.	THREAD PITCH DIAM. D2	THD PER IN.
	DESIG-NATION	WGHT. LB.			DESIG-NATION	WGHT. LB.								
16	SNW 16	2.25	AN 16	W 16					S 16	2 11/16	2.376	0.895	3.0819	12
17	SNW 17	2.40	AN 17	W 17					S 17	2 15/16	2.486	0.926	3.2849	12
18	SNW 18	2.65	AN 18	W 18					S 18	3 3/16	2.646	1.010	3.4719	12
20	SNW 20	4.25	AN 20	W 20					S 20	3 7/16	2.869	1.073	3.8629	12
22	SNW 22	4.65	AN 22	W 22	SNW 3122	3.63	N 022	W O22	S 22	3 15/16	3.206	1.135	4.2689	12
24	SNW 24	6.25	AN 24	W 24	SNW 3124	5.32	N 024	W O24	S 24	4 3/16	3.466	1.166	4.6599	12
26	SNW 26	8.70	AN 26	W 26	SNW 3126	7.40	N 026	W O26	S 26	4 7/16	3.762	1.229	5.0499	12
28	SNW 28	9.05	AN 28	W 28	SNW 3128	7.84	N 028	W O28	S 28	4 15/16	3.981	1.291	5.4409	12
30	SNW 30	12.20	AN 30	W 30	SNW 3130	12.00	N 030	W O30	S 30	5 3/16	4.241	1.354	5.8319	12
32	SNW 32	15.30	AN 32	W 32	SNW 3132	10.74	N 032	W O32	S 32	5 7/16	4.578	1.510	6.1998	8
34	SNW 34	16.77	AN 34	W 34	SNW 3134	14.08	N 034	W O34	S 34	5 15/16	4.847	1.541	6.5748	8
36	SNW 36	16.96	AN 36	W 36	SNW 3136	15.00	N 036	W O36	S 36	6 7/16	5.038	1.573	6.9818	8
34	SNW 38	17.53	AN 38	W 38	SNW 3138	17.20	N 038	W O38	S 38	6 15/16	5.261	1.604	7.3878	8
34	SNW 40	21.30	AN 40	W 40	SNW 3140	25.08	N 040	W O40	S 40	7 3/16	5.484	1.666	7.7628	8
34	SNW 44	27.60	N 44	W 44	SNW 3144	24.60	N 044	W O44	S 44	7 15/16	5.901	1.698	8.5438	8



**HOW TO ORDER:**

- When you order an SNW 113 you receive;  
1 S 113 Adapter sleeve.  
1 N 13 Locknut.  
1 W 13 Washer.
- Unless otherwise specified these comes as an assembly.
- Always specify shaft size when ordering.



**ADAPTERS**

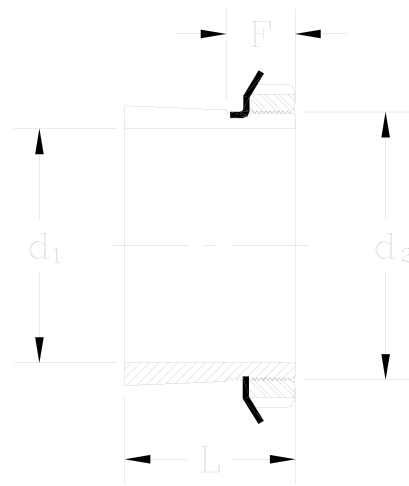
BEARING BORE NO.	FOR BEARING SERIES 232K AND 223K					NOMINAL SLEEVE DIMENSIONS INCHES				
	COMPLETE ADAPTER		LOCK-NUT NO.	LOCK WSHR NO.	ADAPTER SLEEVE NO.	SHAFT (BORE) DIAM. D1	L IN.	F IN.	THREAD PITCH DIAM. D2	THD PER IN.
	DESIGNATION	WGHT. LB.								
13	SNW 113	1.81	N 13	W 13	S 113	2 <sup>3/16</sup>	2.771	0.792	2.5109	18
15	SNW 115	2.66	AN 15	W 15	S 115	2 <sup>7/16</sup>	3.084	0.895	2.8779	12
16	SNW 116	2.80	AN 16	W 16	S 116	2 <sup>11/16</sup>	3.204	0.895	3.0819	12
17	SNW 117	3.18	AN 17	W 17	S 117	2 <sup>15/16</sup>	3.312	0.926	3.2849	12
18	SNW 118	3.47	AN 18	W 18	S 118	3 <sup>3/16</sup>	3.553	1.010	3.4719	12
20	SNW 120	5.46	AN 20	W 20	S 120	3 <sup>7/16</sup>	3.971	1.073	3.8629	12
22	SNW 122	5.89	AN 22	W 22	S 122	3 <sup>15/16</sup>	4.348	1.135	4.2689	12
24	SNW 124	8.10	AN 24	W 24	S 124	4 <sup>3/16</sup>	4.648	1.166	4.6599	12
26	SNW 126	11.45	AN 26	W 26	S 126	4 <sup>7/16</sup>	4.982	1.229	5.0499	12
28	SNW 128	11.69	AN 28	W 28	S 128	4 <sup>15/16</sup>	5.323	1.291	5.4409	12
30	SNW 130	18.00	AN 30	W 30	S 130	5 <sup>3/16</sup>	5.621	1.354	5.8319	12
32	SNW 132	18.86	AN 32	W 32	S 132	5 <sup>7/16</sup>	5.92	1.510	6.1998	8
34	SNW 134	19.95	AN 34	W 34	S 134	5 <sup>15/16</sup>	6.188	1.541	6.5748	8
36	SNW 136	21.38	AN 36	W 36	S 136	6 <sup>7/16</sup>	6.456	1.573	6.9818	8
38	SNW 138	26.00	AN 38	W 38	S 138	6 <sup>15/16</sup>	6.758	1.604	7.3878	8
40	SNW 140	26.55	AN 40	W 40	S 140	7 <sup>3/16</sup>	7.095	1.666	7.7626	8

**ADAPTER**



## HOW TO ORDER:

- When you order an SNW 3024 you receive;  
1 S 3024 Adapter sleeve.  
1 N 024 Locknut.  
1 W 024 Washer.
- Unless otherwise specified these comes as an assembly.
- Always specify shaft size when ordering.



## ADAPTERS

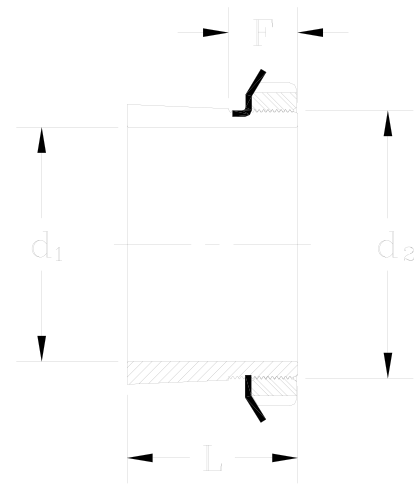
BEARING NO.	COMPLETE ADAPTER		LOCK-NUT NO.	LOCK WSHR OR PLATE NO.	ADAPTER SLEEVE NO.	NOMINAL SLEEVE DIMENSIONS				
						INCHES				
	DESIG-NATION	WGHT. LB.				SHAFT (BORE) DIAM. D1	L IN.	F IN.	THREAD PITCH DIAM. D2	THD PER IN.
23024 K	SNW 3024	4.61	N 024	W 024	S 3024	4 <sup>3/16</sup>	2.947	1.250	4.660	12
23026 K	SNW 3026	6.79	N 026	W 026	S 3026	4 <sup>7/16</sup>	3.237	1.313	5.050	12
23028 K	SNW 3028	6.65	N 028	W 028	S 3028	4 <sup>15/16</sup>	3.340	1.375	5.441	12
23030 K	SNW 3030	7.22	N 030	W 030	S 3030	5 <sup>3/16</sup>	3.492	1.406	5.832	12
23032 K	SNW 3032	10.58	N 032	W 032	S 3032	5 <sup>7/16</sup>	3.711	1.468	6.200	8
23034 K	SNW 3034	11.92	N 034	W 034	S 3034	5 <sup>15/16</sup>	4.019	1.500	6.575	8
23036 K	SNW 3036	12.73	N 036	W 036	S 3036	6 <sup>7/16</sup>	4.337	1.531	6.982	8
23038 K	SNW 3038	12.25	N 038	W 038	S 3038	6 <sup>15/16</sup>	4.412	1.594	7.388	8
23040 K	SNW 3040	17.20	N 040	W 040	S 3040	7 <sup>3/16</sup>	4.750	1.656	7.763	8
23044 K	SNW 3044	20.47	N 044	W 044	S 3044	7 <sup>15/16</sup>	5.130	1.750	8.544	8
23048 K	SNP 3048	34.06	N 048	P 48	S 3048	8 <sup>15/16</sup>	5.432	1.968	9.331	6
23052 K	SNP 3052	34.49	N 052	P 52	S 3052	9 <sup>7/16</sup>	6.019	2.125	10.081	6
23056 K	SNP 3056	47.50	N 056	P 56	S 3056	10 <sup>7/16</sup>	6.191	2.219	10.892	6
23060 K	SNP 3060	52.53	N 060	P 60	S 3060	10 <sup>15/16</sup>	6.727	2.281	11.673	6
23064 K	SNP 3064	51.69	N 064	P 64	S 3064	11 <sup>15/16</sup>	6.946	2.375	12.451	6
23068 K	SNP 3068	66.30	N 068	P 68	S 3068	12 <sup>7/16</sup>	7.543	2.531	13.199	5
23072 K	SNP 3072	73.10	N 072	P 72	S 3072	13 <sup>7/16</sup>	7.579	2.531	14.030	5
23076 K	SNP 3076	80.30	N 076	P 76	S 3076	13 <sup>15/16</sup>	7.743	2.656	14.817	5
23080 K	SNP 3080	85.00	N 080	P 80	S 3080	15	8.411	2.813	15.605	5
23084 K	SNP 3084	89.30	N 084	P 84	S 3084	15 <sup>3/4</sup>	8.498	2.813	16.392	5
23088 K	SNP 3088	111.00	N 088	P 88	S 3088	16 <sup>1/2</sup>	9.110	3.218	17.179	5
23092 K	SNP 3092	134.00	N 092	P 92	S 3092	17	9.346	3.218	17.967	5
23096 K	SNP 3096	140.00	N 096	P 96	S 3096	18	9.456	3.250	18.754	5
30/500 K	SNP 30/500	170.00	N 500	P 500	S 30/500	18 <sup>1/2</sup>	9.848	3.563	19.542	5

- 1). Prefix W designates lockwasher, prefix P designates lockplate.
- 2). Consult us for availability of sleeves for other shaft sizes.
- 3). Sleeves S 3068, and larger have Acme Threads, General Purpose Class 3 G.



**HOW TO ORDER:**

- When you order an SNW 113 you receive;  
1 S 113 Adapter sleeve.  
1 N 13 Locknut.  
1 W 13 Washer.
- Unless otherwise specified these comes as an assembly.
- Always specify shaft size when ordering.



**METRIC ADAPTERS**

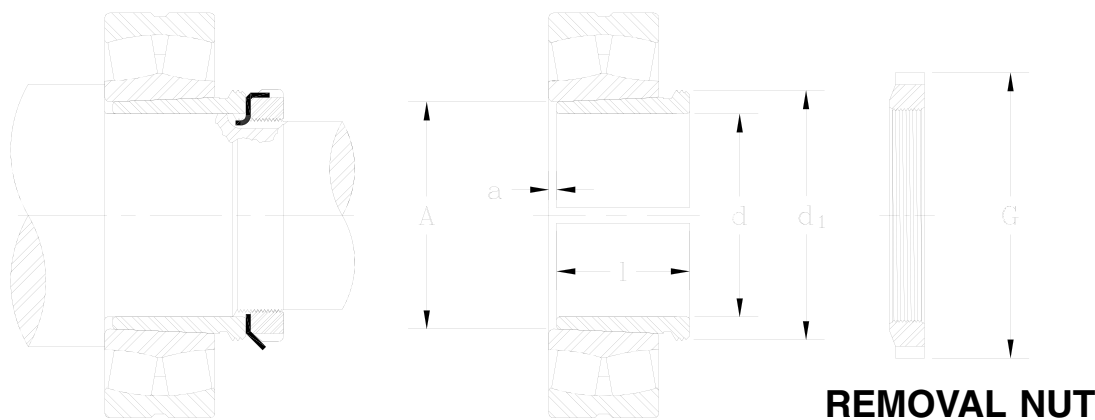
Shaft Size	ADAPTER SERIES			Locknut	Locking Device	ADAPTER SERIES		Locknut	Locking Device
	H 23	H 31	H 32			H 30	H 39		
65 MM	H 2315			KM 15	MB 15				
70 MM	H 2316			KM 16	MB 16				
75 MM	H 2317			KM 17	MB 17				
80 MM	H 2318			KM 18	MB 18				
85 MM	H 2319			KM 19	MB 19				
90 MM	H 2320	H 3120		KM 20	MB 20				
95 MM	H 2321			KM 21	MB 21				
100 MM	H 2322	H 3122		KM 22	MB 22				
110 MM	H 2324	H 3124		KM 24	MB 24	H 3024	H 3924	KML 24	MBL 24
115 MM	H 2326	H 3126		KM 26	MB 26	H 3026	H 3926	KML 26	MBL 26
125 MM	H 2328	H 3128		KM 28	MB 28	H 3028	H 3928	KML 28	MBL 28
135 MM	H 2330	H 3130		KM 30	MB 30	H 3030	H 3930	KML 30	MBL 30
140 MM	H 2332	H 3132		KM 32	MB 32	H 3032	H 3932	KML 32	MBL 32
150 MM	H 2334	H 3134		KM 34	MB 34	H 3034	H 3934	KML 34	MBL 34
160 MM	H 2336	H 3136		KM 36	MB 36	H 3036	H 3936	KML 36	MBL 36
170 MM	H 2338	H 3138		KM 38	MB 38	H 3038	H 3938	KML 38	MBL 38
180 MM	H 2340	H 3140		KM 40	MB 40	H 3040	H 3940	KML 40	MBL 40
200 MM	H 2344	H 3144		HM 44 T	MB 44	H 3044	H 3944	HM 3044	MS 3044
220 MM	H 2348	H 3148		HM 48 T	MB 48	H 3048	H 3948	HM 3048	MS 3048
240 MM	H 2352	H 3152		HM 52 T	MB 52	H 3052	H 3952	HM 3052	MS 3052
260 MM	H 2356	H 3156		HM 56 T	MB 56	H 3056	H 3956	HM 3056	MS 3056
280 MM		H 3160	H 3260	HM 3160	MS 3160	H 3060	H 3960	HM 3060	MS 3060
300 MM		H 3164	H 3264	HM 3164	MS 3164	H 3064	H 3964	HM 3064	MS 3064
320 MM		H 3168	H 3268	HM 3168	MS 3168	H 3068	H 3968	HM 3068	MS 3068
340 MM		H 3172	H 3272	HM 3172	MS 3172	H 3072	H 3972	HM 3072	MS 3072
360 MM		H 3176	H 3276	HM 3176	MS 3176	H 3076	H 3976	HM 3076	MS 3076
380 MM		H 3180	H 3280	HM 3180	MS 3180	H 3080	H 3980	HM 3080	MS 3080
400 MM		H 3184	H 3284	HM 3184	MS 3184	H 3084	H 3984	HM 3084	MS 3084
410 MM		H 3188	H 3288	HM 3188	MS 3188	H 3088	H 3988	HM 3088	MS 3088
430 MM		H 3192	H 3292	HM 3192	MS 3192	H 3092	H 3992	HM 3092	MS 3092
450 MM		H 3196	H 3296	HM 3196	MS 3196	H 3096	H 3996	HM 3096	MS 3096
470 MM		H 31/500	H 32/500	HM 31/500	MS 31/500	H 30/500	H 39/500	HM 30/500	MS 30/500

**ADAPTER**

**HA - American shaft with 1/16" increment ie - 7 3/16"**  
**HE - American shaft with increments of even; 1/8", 1/4", ie - 7", 7 1/8", or 7 1/4"**



# WITHDRAWAL SLEEVES



**REMOVAL NUT**

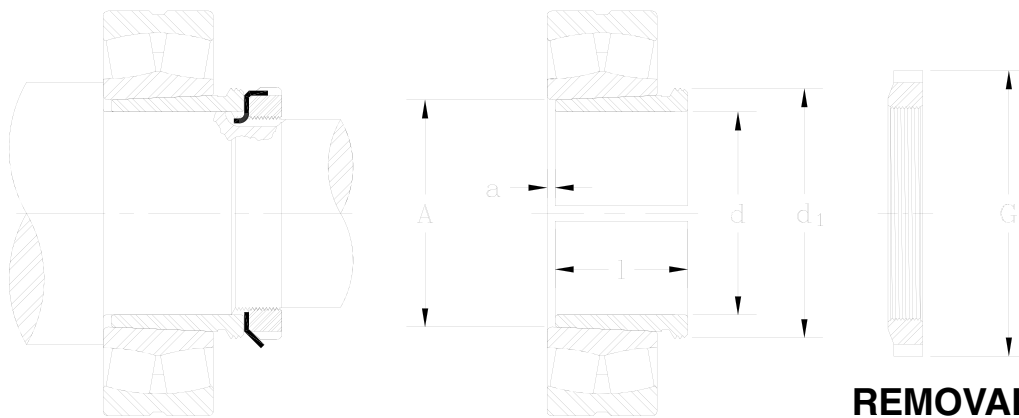
## BEARING FOR SERIES 223K

BEARING NO.	SLEEVE NUMBER	SLEEVE DIMENSIONS								LOCK WASHER OR LOCK PLATE	REMOVAL NUT	G REMOVAL NUT DIAM.
		A BEARING BORE	SHAFT DIAM.		d1 PITCH DIAM.	l	a	WEIGHT LBS.	LOCK NUT			
			d IN.	TOL. +0.000								
22313 K	ASK 113	2.5591	2.3622	-0.002	2.878	2.402	0.138	0.84	N 12	W 12	ARN 13	4.281
22314 K	ASK 114	2.7559	2.3622	-0.002	3.082	2.559	0.138	1.53	N 12	W 12	ARN 14	4.563
22315 K	ASK 115	2.9528	2.5591	-0.002	3.285	2.717	0.138	1.78	N 13	W 13	ARN 15	4.813
22316 K	ASK 116	3.1496	2.7559	-0.002	3.472	2.835	0.138	2.00	N 14	W 14	ARN 16	5.063
22317 K	ASK 117	3.3465	2.9528	-0.002	3.675	2.953	0.138	2.25	AN 15	W 15	ARN 17	5.344
22318 K	ASK 118	3.5433	3.1496	-0.003	3.863	3.150	0.138	2.56	AN 16	W 16	ARN 18	5.598
22319 K	ASK 119	3.7402	3.3465	-0.003	4.066	3.346	0.157	2.94	AN 17	W 17	ARN 19	5.848
22320 K	ASK 120	3.9370	3.5433	-0.003	4.269	3.543	0.157	3.38	AN 18	W 18	ARN 20	6.250
22322 K	ASK 122	4.3307	3.9370	-0.003	4.722	3.858	0.157	4.25	AN 20	W 20	ARN 22	6.781
22324 K	ASK 124	4.7244	4.3307	-0.003	5.129	4.134	0.157	5.00	AN 22	W 22	ARN 24	7.406
22326 K	ASK 126	5.1181	4.5276	-0.003	5.566	4.528	0.157	8.00	AN 22	W 22	ARN 26	7.781
22328 K	SK 128	5.5118	4.9213	-0.003	6.013	4.921	0.197	9.50	AN 24	W 24	RN 28	8.531
22330 K	SK 130	5.9055	5.3150	-0.003	6.419	5.315	0.197	11.43	AN 26	W 26	RN 30	9.156
22332 K	SK 132	6.2992	5.5118	-0.004	6.841	5.512	0.236	15.50	AN 28	W 28	RN 32	9.781
22334 K	SK 134	6.6929	5.9055	-0.004	7.247	5.748	0.236	17.25	AN 30	W 30	RN 34	10.406
22336 K	SK 136	7.0866	6.2992	-0.004	7.669	6.063	0.236	20.25	AN 32	W 32	RN 36	10.906
22338 K	SK 138	7.4803	6.6929	-0.004	8.107	6.299	0.276	22.12	AN 34	W 34	RN 38	11.875
22340 K	SK 140	7.8740	7.0866	-0.004	8.544	6.693	0.276	25.25	AN 36	W 36	RN 40	12.375
22344 K	SK 144	8.6614	7.8740	-0.004	9.330	7.126	0.315	29.50	AN 40	W 40	RN 44	13.375
22348 K	SK 148	9.4488	8.6614	-0.004	10.080	7.441	0.315	34.20	N 44	W 44	RN 48	14.625
22352 K	SK 152	10.2362	9.4488	-0.004	10.892	7.874	0.315	40.25	N 048	P 48	RN 52	15.625
22356 K	SK 156	11.0236	10.2362	-0.005	11.861	8.268	0.394	48.50	N 052	P 52	RN 56	16.750

When ordering sleeves, specify desired shaft size.



# WITHDRAWAL SLEEVES



**REMOVAL NUT**

## BEARING FOR SERIES 222K

BEARING NO.	SLEEVE NUMBER	SLEEVE DIMENSIONS							LOCK NUT	LOCK WASHER OR LOCK PLATE	REMOVAL NUT	G REMOVAL NUT DIAM.
		A BEARING BORE	SHAFT DIAM.		d1 PITCH DIAM.	l	a	WEIGHT LBS.				
			d IN.	TOL. +0.000								
22216 K	ASK 16	3.1496	2.7559	-0.003	3.472	1.969	0.138	1.25	N 14	W 14	ARN 16	5.063
22217 K	ASK 17	3.3465	2.9528	-0.003	3.675	2.047	0.138	1.44	AN 15	W 15	ARN 17	5.344
22218 K	ASK 18	3.5433	3.1496	-0.003	3.863	2.087	0.138	1.53	AN 16	W 16	ARN 18	5.594
22219 K	ASK 19	3.7402	3.3465	-0.003	4.066	2.244	0.157	1.81	AN 17	W 17	ARN 19	5.844
22220 K	ASK 20	3.9370	3.5433	-0.003	4.269	2.323	0.157	2.00	AN 18	W 18	ARN 20	6.250
22222 K	ASK 22	4.3307	3.9370	-0.003	4.722	2.559	0.157	2.47	AN 20	W 20	ARN 22	6.781
22224 K	ASK 24	4.7244	4.3307	-0.003	5.129	2.835	0.157	3.13	AN 22	W 22	ARN 24	7.406
22226 K	ASK 26	5.1181	4.5276	-0.003	5.566	3.071	0.157	5.00	AN 22	W 22	ARN 26	7.781
22228 K	SK 28	5.5118	4.9213	-0.003	6.013	3.228	0.197	5.88	AN 24	W 24	RN 28	8.531
22230 K	SK 30	5.9055	5.3150	-0.003	6.419	3.465	0.197	6.81	AN 26	W 26	RN 30	9.156
22232 K	SK 32	6.2992	5.5118	-0.004	6.841	3.780	0.197	9.94	AN 28	W 28	RN 32	9.781
22234 K	SK 34	6.6929	5.9055	-0.004	7.247	4.095	0.197	11.50	AN 30	W 30	RN 34	10.406
22236 K	SK 36	7.0866	6.2992	-0.004	7.669	4.095	0.197	12.50	AN 32	W 32	RN 36	10.906
22238 K	SK 38	7.4803	6.6929	-0.004	8.107	4.409	0.197	14.50	AN 34	W 34	RN 38	11.875
22240 K	SK 40	7.8740	7.0866	-0.004	8.544	4.646	0.197	16.37	AN 36	W 36	RN 40	12.375
22244 K	SK 44	8.6614	7.8740	-0.004	9.330	5.118	0.236	19.60	AN 40	W 40	RN 44	13.375
22248 K	SK 48	9.4488	8.6614	-0.004	10.080	5.669	0.236	24.30	N 44	W 44	RN 48	14.625
22252 K	SK 52	10.2362	9.4488	-0.005	10.892	6.102	0.236	30.90	N 048	P 48	RN 52	15.625
22256 K	SK 56	11.0236	10.2362	-0.005	11.861	6.102	0.315	33.10	N 052	P 52	RN 56	16.750
22260 K	SK 60	11.8110	11.0236	-0.005	12.830	6.693	0.315	39.20	N 056	P 56	RN 60	16.382
22264 K	SK 64	12.5984	11.8110	-0.005	13.611	7.087	0.394	46.30	N 060	P 60	RN 64	17.000

**SLEEVES**

When ordering withdrawal sleeves, specify desired shaft size.





## WITHDRAWAL SLEEVES METRIC

Shaft size	SLEEVE SERIES				WITHDRAWAL NUT	BEARINGS FOR SLEEVE SERIES			
	AH 3	AH 23	AH 31	AH 32		AH 3	AH 23	AH 31	AH 32
70 MM	AH 315	AH 2315			KM 17	22215 K	22315 K		
75 MM	AH 316	AH 2316			KM 18	22216 K	22316 K		
80 MM	AH 317	AH 2317			KM 19	22217 K	22317 K		
85 MM	AH 318	AH 2318			KM 20	22218 K	22318 K		
90 MM	AH 319	AH 2319			KM 21	22219 K	22319 K		
95 MM	AH 320	AH 2320	AH 3120	AH 3220	KM 22	22220 K	22320 K	23120 K	23220 K
105 MM			AH 3122		KM 24			22222 K	
105 MM		AH 2322		AH 3222	KM 25		22322 K		23222 K
115 MM			AH 3124		KM 26			22224 K	
115 MM		AH 2324		AH 3224	KM 27		22324 k		23224 K
125 MM			AH 3126		KM 28			22226 K	
125 MM		AH 2326		AH 3226	KM 29		22326 K		23226 K
135 MM			AH 3128		KM 30			22228 K	
135 MM		AH 2328		AH 3228	KM 31		22328 K		23228 K
145 MM		AH 2330	AH 3130	AH 3230	KM 33		22330 K	22230 K	23230 K
150 MM		AH 2332	AH 3132	AH 3232	KM 36		22332 K	22232 K	23232 K
160 MM		AH 2334	AH 3134	AH 3234	KM 38		22334 K	22234 K	23234 K
170 MM		AH 2336	AH 3136	AH 3236	KM 40		22336 K	23136 K	23236 K
180 MM		AH 2338	AH 3138	AH 3238	HM 42 T		22338 K	23138 K	23238 K
190 MM		AH 2340	AH 3140	AH 3240	HM 44 T		22340 K	23140 K	23240 K
200 MM		AH 2344	AH 3144		HM 48 T		22344 K, 23244 K	23144 K	
220 MM		AH 2348	AH 3148		HM 52 T		22348 K, 23248 K	23148 K	
240 MM		AH 2352	AH 3152		HM 58 T		22352 K, 23252 K	23152 K	
260 MM		AH 2356	AH 3156		HM 62 T		22356 K, 23256 K	23156 K	
280 MM			AH 3160	AH 3260	HM 66 T			23160 K	23260 K
300 MM			AH 3164	AH 3264	HM 70 T			23164 K	23264 K
320 MM			AH 3168	AH 3268	HM 74 T			23168 K	23268 K
340 MM			AH 3172	AH 3272	HM 80 T			23172 K	23272 K
360 MM			AH 3176	AH 3276	HM 84 T			23176 K	23276 K
380 MM			AH 3180	AH 3280	HM 88 T			23180 K	23280 K
400 MM			AH 3184	AH 3284	HM 92 T			23184 K	23284 K
420 MM			AH 3188	AH 3288	HM 96 T			23188 K	23288 K
440 MM			AH 3192	AH 3292	HM 102 T			23192 K	23292 K
460 MM			AH 3196	AH 3296	HM 106 T			23196 K	23296 K
480 MM			AH 31/500	AH 32/500	HM 110 T			231/500 K	232/500 K

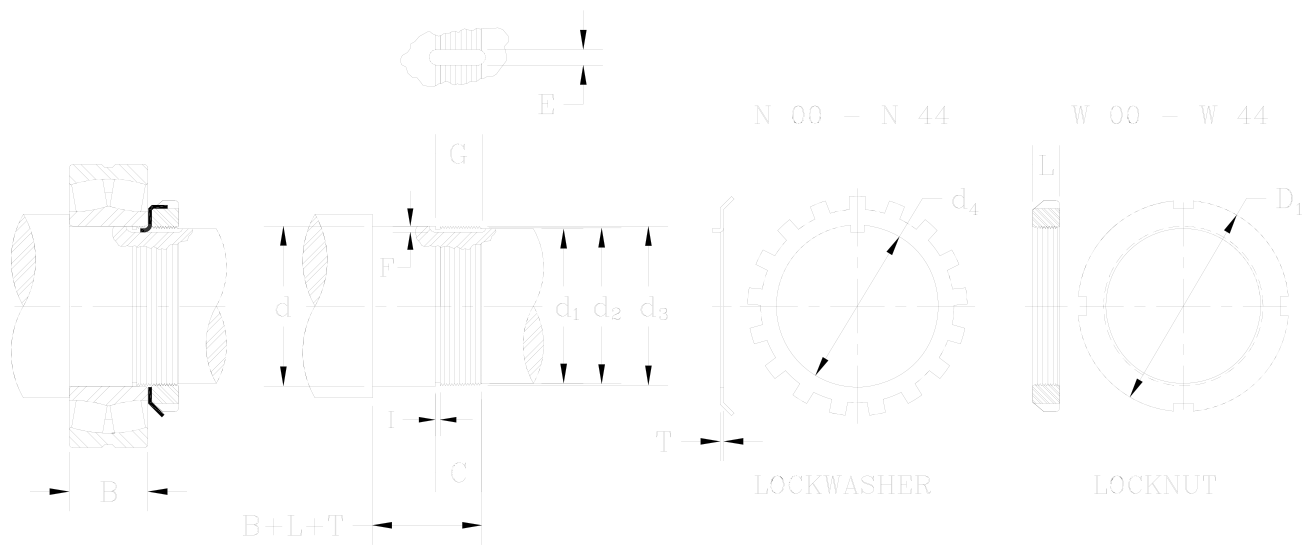


## WITHDRAWAL SLEEVES METRIC

Shaft Size	SLEEVE SERIES			WITHDRAWAL NUT	BEARINGS FOR SLEEVE SERIES		
	AH 30	AH 22	AH 39		AH 30	AH 22	AH 39
115 MM	AH 3024			KM 26	23024 K		
125 MM	AH 3026			KM 28	23026 K		
135 MM	AH 3028			KM 30	23028 K		
145 MM	AH 3030			KM 32	23030 K		
150 MM	AH 3032			KM 34	23032 K		
160 MM	AH 3034			KM 36	23034 K		
160 MM			AH 3934	HMLL 36			23934 K
170 MM	AH 3036			KM 38	23036 K		
170 MM		AH 2236		KM 40		22236 K	
170 MM			AH 3936	HMLL 38			23936 K
180 MM	AH 3038			HML 41 T	23038 K		
180 MM		AH 2238		HM 42 T		22238 K	
180 MM			AH 3938	HMLL 40			23938 K
190 MM	AH 3040			HML 43 T	23040 K		
190 MM		AH 2240		HM 44 T		22240 K	
190 MM			AH 3940	HMLL 42 T			23940 K
200 MM	AH 3044			HML 47 T	23044 K		
200 MM		AH 2244		HM 48 T		22244 K	
200 MM			AH 3944	HMLL 46 T			23944 K
220 MM	AH 3048			HML 52 T	23048 K		
220 MM		AH 2248		HM 52 T		22248 K	
220 MM			AH 3948	HMLL 50 T			23948 K
240 MM	AH 3052			HML 56 T	23052 K		
240 MM			AH 3952	HML 55 T			23952 K
260 MM	AH 3056			HML 60 T	23056 K		
260 MM			AH 3956	HML 59 T			23956 K
280 MM	AH 3060			HML 64 T	23060 K		
280 MM			AH 3960	HML 63 T			23960 K
300 MM	AH 3064			HML 69 T	23064 K		
300 MM			AH 3964	HML 67 T			23964 K
320 MM	AH 3068			HML 73 T	23068 K		
320 MM			AH 3968	HML 71 T			23968 K
340 MM	AH 3072			HML 77 T	23072 K		
340 MM			AH 3972	HMLL 75 T			23972 K
360 MM	AH 3076			HML 82 T	23076 K		
360 MM			AH 3976	HMLL 79 T			23976 K
380 MM	AH 3080			HML 86 T	23080 K		
380 MM			AH 3980	HMLL 83 T			23980 K
400 MM	AH 3084			HML 90 T	23084 K		
400 MM			AH 3984	HMLL 87 T			23984 K
420 MM	AH 3088			HML 94 T	23088 K		
420 MM			AH 3988	HMLL 92 T			23988 K
440 MM	AH 3092			HML 98 T	23092 K		
440 MM			AH 3992	HMLL 96 T			23992 K
460 MM	AH 3096			HML 104 T	23096 K		
460 MM			AH 3996	HMLL 100 T			23996 K
480 MM	AH 30/500			HML 108 T	230/500 K		
480 MM			AH 39/500	HMLL 104 T			239/500 K

**SLEEVES**





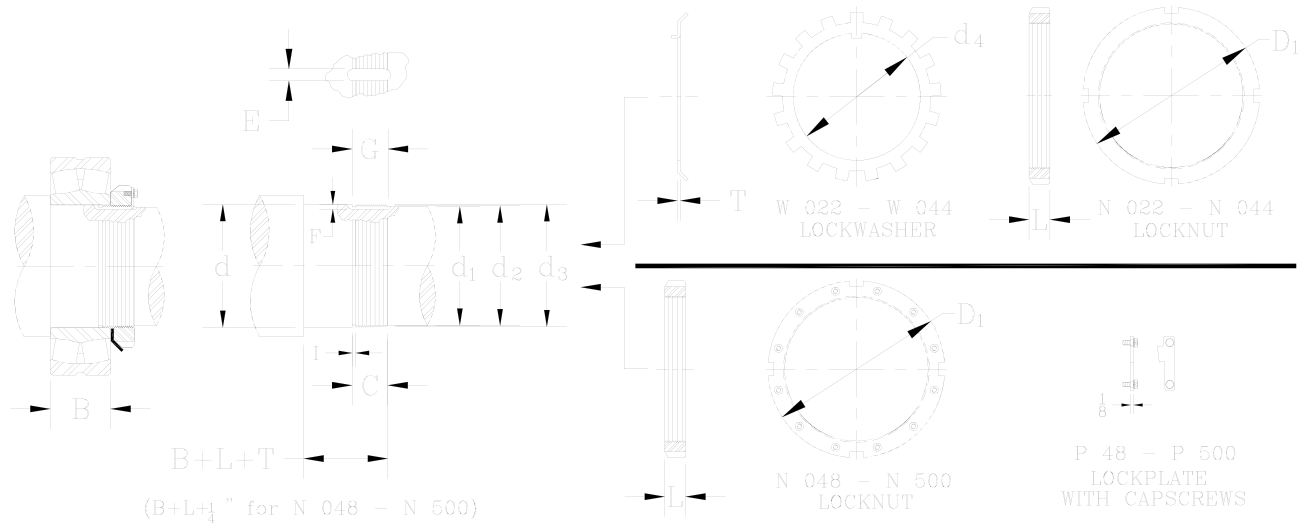
## LOCKNUTS LOCKWASHERS HEAVY

FOR BEARING WITH BORE NO.	LOCK-NUT NO.	LOCK-WASHER NO.	SHAFT DIMENSIONS											LOCKNUT DIM.		LOCKWASHER DIM.									
			d		d3		d2		THDS PER IN.	d1 EXTEN. DIAM. MAX.	C IN. +1/64 -0	G IN. +1/64 -0	I IN. +1/64 -0	E IN. +1/64 -0	F IN. +1/64 -0	D1 IN.	L IN.	T IN.	d4 IN.						
			NOMINAL	O.D.	THREAD	PITCH DIAM.	MAX.	TOL.+												MAX.	TOL.+				
			MM	IN.	MAX.	TOL.+	MAX.	TOL.+																	
16	AN 16	W 16	80	3.1496	3.137	--.0112	3.0829	--.0059	12	3	11/16	15/16	5/32	3/8	1/8	4	5/32	19/32	.072	3	3/16				
17	AN 17	W 17	85	3.3465	3.340	--.0112	3.2859	--.0074	12	3	23/32	31/32	5/32	3/8	1/8	4	13/32	5/8	.072	3	13/32				
18	AN 18	W 18	90	3.5433	3.527	--.0112	3.4729	--.0074	12	3	13/16	1	1/16	5/32	3/8	5/32	4	21/32	11/16	.094	3	19/32			
19	AN 19	W 19	95	3.7402	3.730	--.0112	3.6759	--.0074	12	3	27/32	1	3/32	5/32	3/8	5/32	4	15/16	23/32	.094	3	13/16			
20	AN 20	W 20	100	3.9370	3.918	--.0112	3.8639	--.0074	12	3	7/8	1	3/16	5/32	3/8	5/32	5	3/16	3/4	.094	4				
21	AN 21	W 21	105	4.1339	4.122	--.0112	4.0679	--.0083	12	3	15/16	7/8	1	3/16	5/32	3/8	5/32	5	7/16	3/4	.094	4	7/32		
22	AN 22	W 22	110	4.3307	4.325	--.0112	4.2709	--.0083	12	4	29/32	1	7/32	5/32	3/8	3/16	5	23/32	25/32	.125	4	13/32			
24	AN 24	W 24	120	4.7244	4.716	--.0112	4.6619	--.0083	12	4	15/16	1	1/4	5/32	3/8	3/16	6	1/8	13/16	.125	4	13/16			
26	AN 26	W 26	130	5.1181	5.106	--.0112	5.0519	--.0083	12	4	1	1	5/16	5/32	1/2	3/16	6	3/4	7/8	.125	5	7/32			
28	AN 28	W 28	140	5.5118	5.497	--.0112	5.4429	--.0083	12	5	1	1	3/8	5/32	5/8	3/16	7	3/32	15/16	.125	5	19/32			
30	AN 30	W 30	150	5.9055	5.888	--.0112	5.8339	--.0083	12	5	23/32	1	1/8	5/32	5/8	7/32	7	11/16	31/32	.156	6				
32	AN 32	W 32	160	6.2992	6.284	--.0152	6.2028	--.0091	8	6	1	1	3/16	1/4	5/8	15/64	8	1/16	1	1/32	.156	6	13/32		
34	AN 34	W 34	170	6.6929	6.659	--.0152	6.5778	--.0091	8	6	1	1	7/32	1/4	3/4	15/64	8	21/32	1	1/16	.156	6	25/32		
36	AN 36	W 36	180	7.0866	7.066	--.0152	6.9848	--.0091	8	6	29/32	1	1/4	1	5/8	1/4	3/4	15/64	9	1/16	1	3/32	.156	7	3/16
38	AN 38	W 38	190	7.4803	7.472	--.0152	7.3908	--.0091	8	7	5/16	1	9/32	1	21/32	1/4	3/4	15/64	9	15/32	1	1/8	.156	7	19/32
40	AN 40	W 40	200	7.8740	7.847	--.0152	7.7658	--.0114	8	7	11/16	1	11/32	1	23/32	1/4	7/8	15/64	9	27/32	1	3/16	.156	8	
44	N 44	W 44	220	8.6614	8.628	--.0152	8.5468	--.0121	8	8	5/16	1	3/8	1	9/16	1/4	1	1/16	3/8	11	1	1/4	.156	8	45/64

1). The last two digits of the bearing number are referred to as the bore number. These two digits multiplied by 5 equal the bore size in millimeters.  
Example: 22217, size is 17 x 5 = 85mm.

Note: These nuts and washers are used for all bearing series except the following, for which the light section nuts and washers are required;  
230, 231





### LOCKNUTS LOCKWASHERS LIGHT

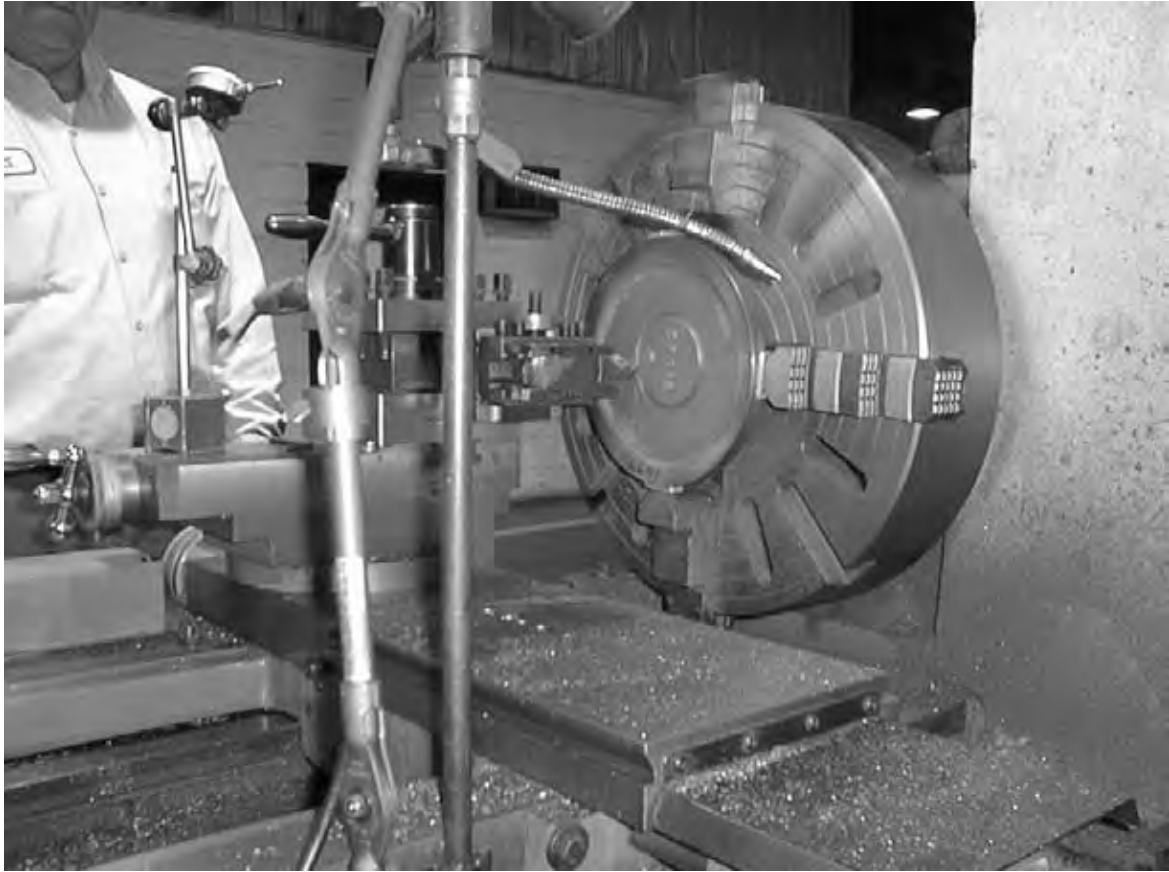
FOR BEARING WITH BORE NO.	LOCK-NUT NO.	LOCK-WASHER NO.	SHAFT DIMENSIONS													LOCKNUT DIM.		LOCKWASHER DIM.									
			d		d3		d2		THDS	d1	C	G	I	E	F	D1	L	T	d4								
			NOMINAL	O.D.	THREAD	PITCH DIAM.	EXTEN-DIAM.	IN.												IN.	IN.	IN.	IN.	IN.	IN.	IN.	
22	N 022	W 022	110	4.3307	4.325	-.0112	4.2709	-.0083	12	4	3/16	29/32	1	7/32	5/32	3/8	3/16	5	5/16	25/32	.125	4	13/32				
24	N 024	W 024	120	4.7244	4.716	-.0112	4.6619	-.0083	12	4	9/16	15/16	1	1/4	5/32	3/8	3/16	5	11/16	13/16	.125	4	13/16				
26	N 026	W 026	130	5.1181	5.106	-.0112	5.0519	-.0083	12	4	15/16	1	1	5/16	5/32	1/2	3/16	6	1/8	7/8	.125	5	7/32				
28	N 028	W 028	140	5.5118	5.497	-.0112	5.4429	-.0083	12	5	5/16	1	1	1/16	1	3/8	5/32	5/8	3/16	6	1/2	15/16	.125	5	19/32		
30	N 030	W 030	150	5.9055	5.888	-.0112	5.8339	-.0083	12	5	23/32	1	1	1/8	1	1/2	5/32	5/8	7/32	7	1/8	31/32	.125	6			
32	N 032	W 032	160	6.2992	6.284	-.0152	6.2028	-.0091	8	6	1/8	1	1	3/16	1	9/16	1/4	5/8	15/64	7	1/2	1	1/32	.125	6	13/32	
34	N 034	W 034	170	6.6929	6.659	-.0152	6.5778	-.0091	8	6	1/2	1	1	7/32	1	13/32	1/4	3/4	15/64	7	7/8	1	1/16	.125	6	25/32	
36	N 036	W 036	180	7.0866	7.066	-.0152	6.9848	-.0091	8	6	29/32	1	1	1/4	1	5/8	1/4	3/4	15/64	8	1/4	1	3/32	.125	7	3/16	
38	N 038	W 038	190	7.4803	7.472	-.0152	7.3908	-.0091	8	7	5/16	1	1	9/32	1	21/32	1/4	3/4	15/64	8	11/16	1	1/8	.125	7	19/32	
40	N 040	W 040	200	7.8740	7.847	-.0152	7.7658	-.0114	8	7	11/16	1	1	11/32	1	23/32	1/4	7/8	15/64	9	7/16	1	3/16	.125	8		
44	N 044	W 044	220	8.6614	8.628	-.0125	8.5468	-.0121	8	8	5/16	1	1	3/8	1	9/16	1/4	1	1/16	3/8	10	1/4	1	1/4	.125	8	45/64
48	N 048	P 48	240	9.4488	9.442	-.0202	9.3337	-.0121	6	9	3/16	1	1	23/32	1/2	1/4	1	1/8	7/16	11	7/16	1	11/32	5/16-	18 X	5/8	
52	N 052	P 52	260	10.2362	10.192	-.0202	10.0837	-.0130	6	9	15/16	1	1	25/32	1/2	1/4	1	3/16	7/16	12	3/16	1	13/32	5/16-	18 X	5/8	
56	N 056	P 56	280	11.0236	11.004	-.0202	10.8957	-.0130	6	10	3/4	1	1	7/8	1/2	1/4	1	1/4	7/16	13	1/2	1	1/2	5/16-	18 X	5/8	
60	N 060	P 60	300	11.8110	11.785	-.0202	11.6767	-.0130	6	11	1/2	1	1	15/16	1/2	1/4	1	3/8	7/16	14	3/16	1	9/16	3/8-	16 X	3/4	
64	N 064	P 64	320	12.5984	12.562	-.0202	12.4537	-.0135	6	12	5/16	2	1	1/32	1/2	1/4	1	7/16	7/16	15	1	1	21/32	3/8-	16 X	3/4	
68	N 068	P 68	340	13.3858	13.303	-.0160	13.2030	-.0160	5	13	1/16	2	1	5/32	1/2	1/4	1	1/2	7/16	15	3/4	1	25/32	3/8-	16 X	3/4	
72	N 072	P 72	360	14.1732	14.134	-.0160	14.0340	-.0160	5	13	13/16	2	1	5/32	1/2	1/4	1	1/2	1/2	16	1/2	1	25/32	3/8-	16 X	3/4	
76	N 076	P 76	380	14.9606	14.921	-.0160	14.8210	-.0160	5	14	5/8	2	1	9/32	1/2	1/4	1	1/2	1/2	17	3/4	1	29/32	1/2-	13 X	7/8	
80	N 080	P 80	400	15.7480	15.709	-.0160	15.6090	-.0160	5	15	3/8	2	1	1/2	1/2	1/4	1	5/8	1/2	18	1/2	2	1/16	1/2-	13 X	7/8	
84	N 084	P 84	420	16.5354	16.496	-.0160	16.3960	-.0160	5	16	3/16	2	1	1/2	1/2	1/4	1	5/8	1/2	19	5/16	2	1/16	1/2-	13 X	7/8	
88	N 088	P 88	440	17.3228	17.283	-.0160	17.1830	-.0160	5	17		2	1	13/16	1/2	1/4	1	13/16	1/2	20	1/2	2	3/8	5/8-	11 X	1 1/4	
92	N 092	P 92	460	18.1103	18.071	-.0160	17.9710	-.0160	5	17	3/4	2	1	13/16	1/2	1/4	1	13/16	1/2	21	1/4	2	3/8	5/8-	11 X	1 1/4	
96	N 096	P 96	480	18.8977	18.858	-.0160	18.7580	-.0160	5	18	1/2	2	1	13/16	1/2	1/4	1	13/16	1/2	22	1/16	2	3/8	5/8-	11 X	1 1/4	
500	N 500	P 500	500	19.6851	19.646	-.0160	19.5460	-.0160	5	19	1/4	3	1	1/8	1/2	1/4	1	13/16	1/2	22	13/16	2	11/16	5/8-	11 X	1 1/4	

**LOCKNUTS**

CAPSCREW DIMENSIONS

1). Locknuts N 068, and larger have Acme Threads, General Purpose Class 3 G

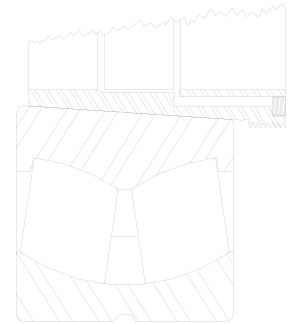
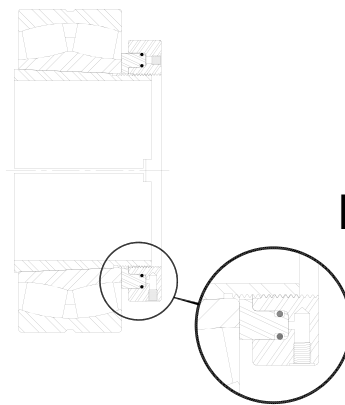
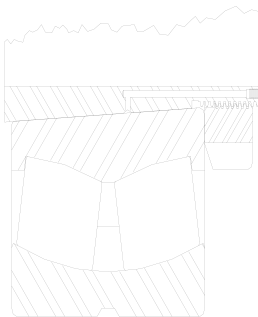






**MIETHER BEARING PRODUCTS, INC.**  
An Alco Industries Company

PRECISION ENGINEERED FOR  
OUTSTANDING QUALITY



**REMOVAL SLEEVES**

**HYDRAULIC NUTS**

**HYDRAULIC ADAPTERS**

**HYDRAULIC SECTION**

**HYD.**

**HYDRAULIC ADAPTERS, REMOVAL SLEEVES, AND NUTS:**

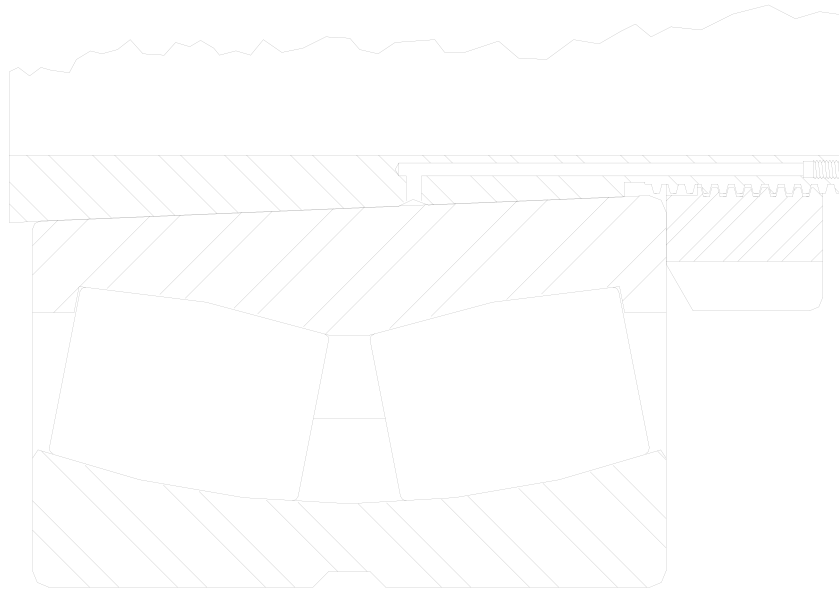
- ◆ Hydraulic adapters are used to assist in the removal of the bearing. Oil injection aids in the release of the bearing from the tapered adapter sleeve.
- ◆ Hydraulic removal sleeves are used to aid in the removal of the adapter sleeve from the bearing and the shaft.
- ◆ Hydraulic nuts were designed to facilitate the mounting of bearings with tapered bores on tapered adapter sleeves.



# HYDRAULIC ADAPTERS

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**Fig.1**



**Fig. 1 Shows a tapered adapter that has been modified for oil injection. Oil injection facilitates the dismounting of the bearing. The locknut is loosened, not completely removed, and oil is injected through the threaded connection. The pressurized oil travels through a circumferential groove machined into the sleeve's O.D. Oil distribution and pressure will overcome the frictional force between the bearing and sleeve allowing the bearing to slide off the adapter. American and Metric adapters can be ordered with hydraulic modification.**

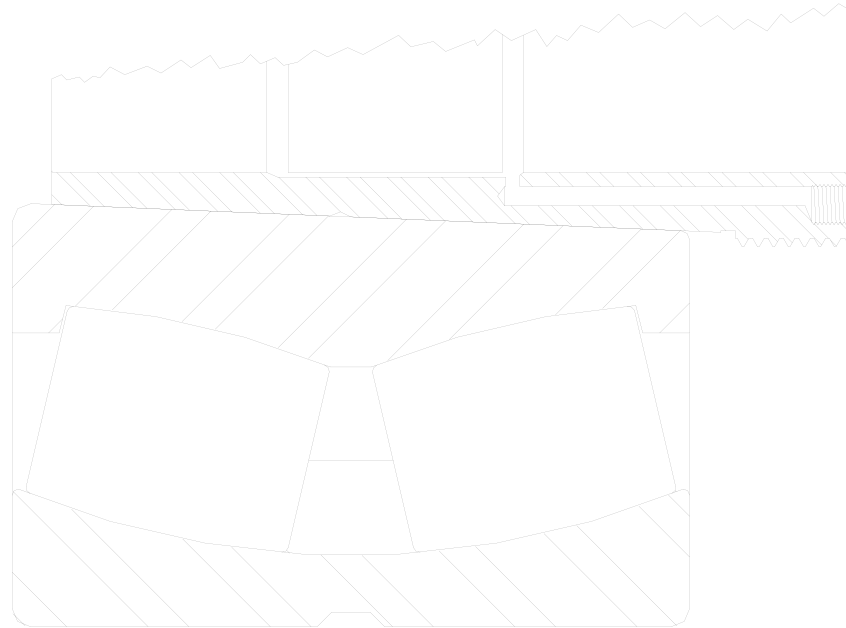
**\*For a hydraulic SNP 3176 x 14, order as a HSNP 3176 x 14**

**\*For a hydraulic H 3176 x 360mm, order as H 3176 HG x 360**



# HYDRAULIC REMOVAL SLEEVE

**Fig.2**



**Fig. 2 Shows a removal sleeve that has been modified for oil injection. The removal sleeve has to overcome frictional forces between the bearing and tapered sleeve, and between the sleeve and shaft. To accomodate this , circumferential grooves are machined into the sleeve O.D. and I.D. . O.D. and I.D. grooves are accessed by separate threaded connections. American and metric sleeves can be modified for hydraulic removal as follows:**

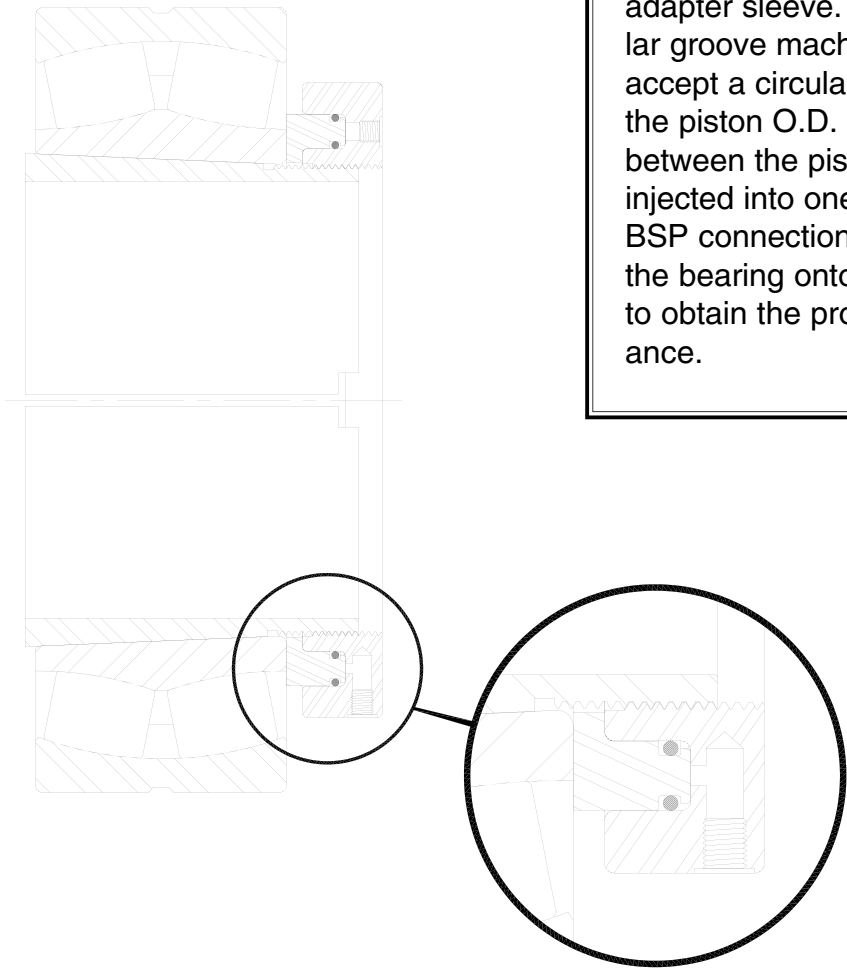
- \*A hydraulic SK 156 x 260mm would be ordered as a SK 156 HG x 260.**
- \*An AH 3156 x 280 would be ordered as a AOH 3156 x 280mm.**

**HYD.**





# HYDRAULIC NUTS



Hydraulic nuts were designed to facilitate the mounting of bearings with tapered bores on tapered adapter sleeves. A hydraulic nut is a steel ring that threads onto the adapter sleeve. The ring has an annular groove machined into one side to accept a circular piston. O-rings on the piston O.D. and I.D. form a seal between the piston and ring. As oil is injected into one of the two G 1/4" BSP connections, the piston drives the bearing onto the adapter sleeve to obtain the proper bearing clearance.



# HYDRAULIC NUTS

AMERICAN THREADS				METRIC THREADS		
Description	Major Diameter	Pitch T.P.I.	Locknut	Description	Thread Form	Locknut
HN 15	2.933	12	AN 15	HN 15 M	M 75 X 2	KM 15
HN 16	3.137	12	AN 16	HN 16 M	M 80 X 2	KM 16
HN 17	3.340	12	AN 17	HN 17 M	M 85 X 2	KM 17
HN 18	3.527	12	AN 18	HN 18 M	M 90 X 2	KM 18
HN 19	3.730	12	AN 19	HN 19 M	M 95 X 2	KM 19
HN 20	3.918	12	AN 20	HN 20 M	M 100 X 2	KM 20
HN 22	4.325	12	AN 22, N 022	HN 22 M	M 110 X 2	KM 22
HN 24	4.716	12	AN 24, N 024	HN 24 M	M 120 X 2	KM 24, KML 24
HN 26	5.106	12	AN 26, N 026	HN 26 M	M 130 X 2	KM 26, KML 26
HN 28	5.497	12	AN 28, N 028	HN 28 M	M 140 X 2	KM 28, KML 28
HN 30	5.888	12	AN 30, N 030	HN 30 M	M 150 X 2	KM 30, KML 30
HN 32	6.284	8	AN 32, N 032	HN 32 M	M 160 X 3	KM 32, KML 32
HN 34	6.659	8	AN 34, N 034	HN 34 M	M 170 X 3	KM 34, KML 34
HN 36	7.066	8	AN 36, N 036	HN 36 M	M 180 X 3	KM 36, KML 36
HN 38	7.472	8	AN 38, N 038	HN 38 M	M 190 X 3	KM 38, KML 38
HN 40	7.847	8	AN 40, N 040	HN 40 M	M 200 X 3	KM 40, KML 40
HN 44	8.628	8	N 44, N 044	HN 44 M	TR 220 X 4	HM 44 T, HM 3044
HN 048	9.442	6	N 048	HN 48 M	TR 240 X 4	HM 48 T, HM 3048
HN 052	10.192	6	N 052	HN 52 M	TR 260 X 4	HM 52 T, HM 3052
HN 056	11.004	6	N 056	HN 56 M	TR 280 X 4	HM 56 T, HM 3056
HN 060	11.785	6	N 060	HN 60 M	TR 300 X 4	HM 3160, HM 3060
HN 064	12.562	6	N 064	HN 64 M	TR 320 X 5	HM 3164, HM 3064
HN 068	13.339	5	N 068	HN 68 M	TR 340 X 5	HM 3168, HM 3068
HN 072	14.170	5	N 072	HN 72 M	TR 360 X 5	HM 3172, HM 3072
HN 076	14.957	5	N 076	HN 76 M	TR 380 X 5	HM 3176, HM 3076
HN 080	15.745	5	N 080	HN 80 M	TR 400 X 5	HM 3180, HM 3080
HN 084	16.532	5	N 084	HN 84 M	TR 420 X 5	HM 3184, HM 3084
HN 088	17.319	5	N 088	HN 88 M	TR 440 X 5	HM 3188, HM 3088
HN 092	18.107	5	N 092	HN 92 M	TR 460 X 5	HM 3192, HM 3092
HN 096	18.894	5	N 096	HN 96 M	TR 480 X 5	HM 3196, HM 3096
HN 500	19.682	5	N 500	HN 500 M	TR 500 X 5	HM 31/500, HM 30/500
HN 530	20.867	4	N 530	HN 530 M	TR 530 X 6	HM 31/530, HM 30/530
HN 560	22.048	4	N 560	HN 560 M	TR 560 X 6	HM 31/560, HM 30/560
HN 600	23.623	4	N 600	HN 600 M	TR 600 X 6	HM 31/600, HM 30/600
HN 630	24.804	4	N 630	HN 630 M	TR 630 X 6	HM 31/630, HM 30/630
HN 670	26.379	4	N 670	HN 670 M	TR 670 X 6	HM 31/670, HM 30/670
HN 710	27.961	3	N 710	HN 710 M	TR 710 X 7	HM 31/710, HM 30/710
HN 750	29.536	3	N 750	HN 750 M	TR 750 X 7	HM 31/750, HM 30/750
HN 800	31.504	3	N 800	HN 800 M	TR 800 X 7	HM 31/800, HM 30/800
HN 850	33.473	3	N 850	HN 850 M	TR 850 X 7	HM 31/850, HM 30/850
HN 900	35.441	3	N 900	HN 900 M	TR 900 X 7	HM 31/900, HM 30/900
HN 950	37.410	3	N 950	HN 950 M	TR 950 X 8	HM 31/950, HM 30/950

**HYD.**

**HN 15 - HN 64 AMERICAN NATIONAL THREADS  
HN 68 - HN 950 ACME THREADS  
PUMP CONNECTION - G 1/4" BSP**

**PUMP CONNECTION - G 1/4" BSP**

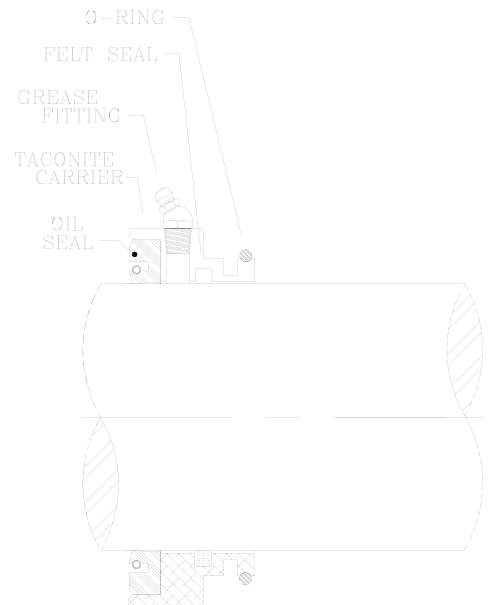






**MIETHER BEARING PRODUCTS, INC.**  
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**SEALS, TACONITE SEALS, AND END PLUGS:**

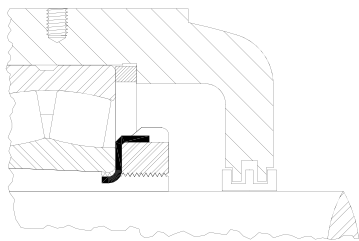
- ◆ Labyrinth triple-seal rotating rings: seal out foreign matter... seal in oil and grease
- ◆ Taconite seals are a special auxiliary seal featuring 3 seals in one for extremely dirty, dusty, abrasive and wet environments. The taconite seal can be supplied with either a lip type oil seal or a V type v-ring seal.
- ◆ End plugs come in either a rubber or steel configuration.

**SEALS, TACONITE SEALS, END PLUGS**

**SEALS**

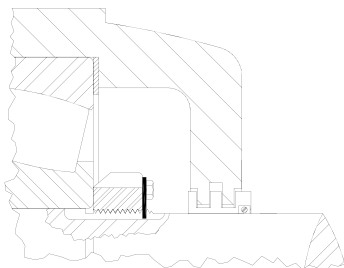


## Available Seal Configurations:



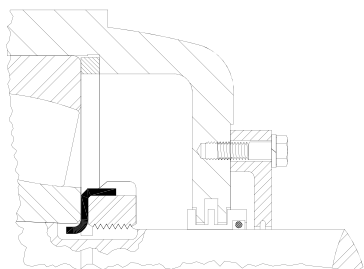
### **TRIPLE SEAL RING:**

- Standard seal on split pillow blocks.
- One-Piece rotating labyrinth seal.
- Close running tolerance between shaft and housing surfaces.
- Provides protection from contaminants.
- Provides grease or oil retention.



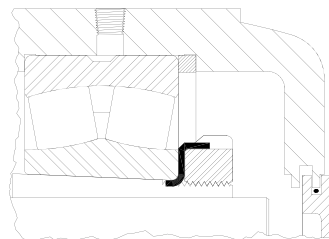
### **TRIPLE SEAL RING W/O-RING:**

- O-Ring provides extra sealing between shaft & seal ring.
- One-Piece rotating labyrinth seal.
- Close running tolerance between shaft and housing surfaces.
- Provides protection from contaminants.
- Provides grease or oil retention.



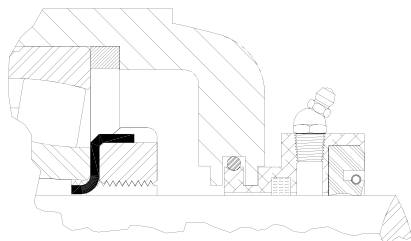
### **SHROUD:**

- Provides protection for inner seal.
- Purgeable grease cavity to flush out contaminants.



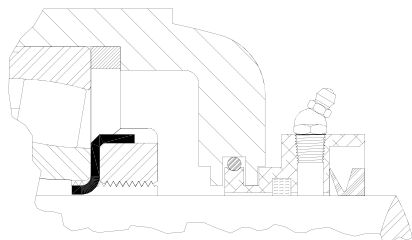
### **DROP-IN END PLUG:**

- Contact fit to close off housing.
- Available in rubber or metallic for SAF housings, metallic only for SDAF housings.



### **TACONITE SEAL (TER):**

- Special auxillary seal featuring 3 seals in one for extremely dirty, dusty, abrasive and wet environments.
  - 1) Outboard contact seals on shaft.
  - 2) Purgeable grease cavity to flush out contaminants.
  - 3) Inboard felt seal.
- Drop in replacement for LER, and ER seal.



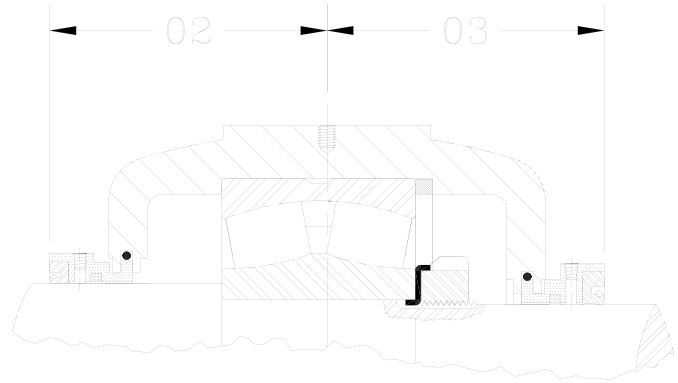
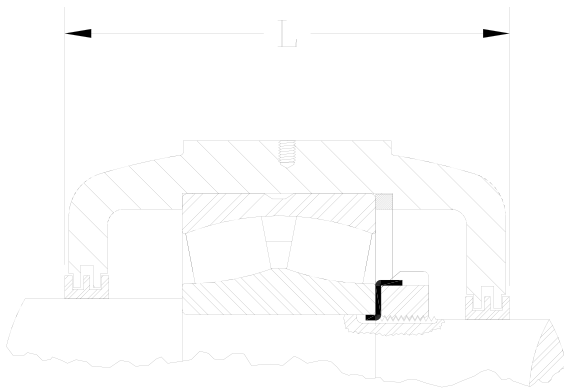
### **TACONITE SEAL (TERV):**

- Special auxillary seal featuring 3 seals in one for extremely dirty, dusty, abrasive and wet environments.
  - 1) Outboard v-ring seal on carrier and rotates with shaft.
  - 2) Purgeable grease cavity to flush out contaminants.
  - 3) Inboard felt seal.
- Drop in replacement for LER, and ER seal.



# Seals, Taconites, and End Plugs

## SAF 200, 300



### SAF 200 - 300

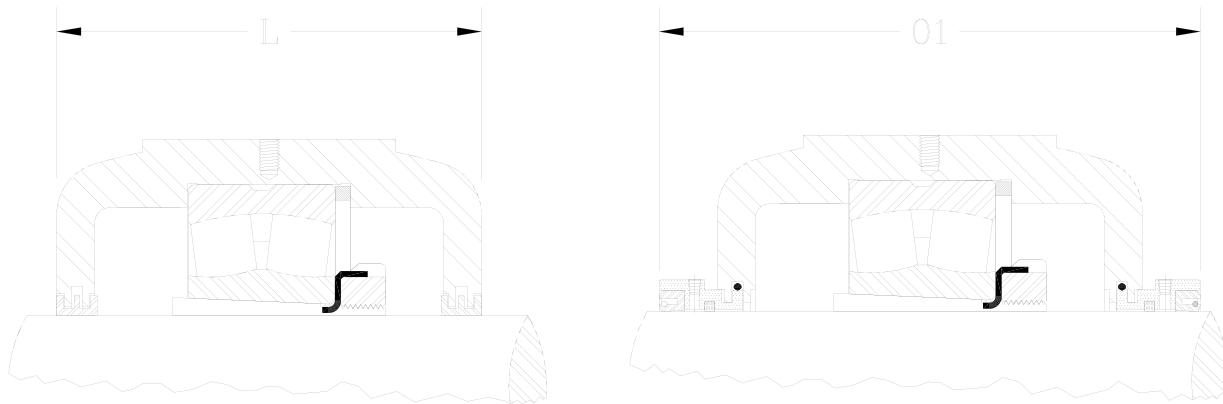
SHAFT DIAMETER		HOUSING NUMBER	TRIPLE SEAL		L dim.	TACONITE SEAL		O2 dim.	O3 dim.	PLUGS	
S-2 IN.	S-3 IN.		S-2	S-3		S-2	S-3			RUBBER	STEEL
3 1/16	2 7/16	SAF 213	LER 55	LER 37	4 1/2	TER 55	TER 37	3 3/4	3 11/16	EP 04 R	EP 04 S
3 7/16	2 13/16	SAF 215	LER 79	LER 46	4 3/4	TER 79	TER 46	3 1/2	3 1/2	EP 05 R	EP 05 S
3 5/8	3"	SAF 216	LER 82	LER 54	4 7/16	TER 82	TER 54	4"	4"	EP 06 R	EP 06 S
3 15/16	3 3/16	SAF 217	LER 89	LER 63	5"	TER 89	TER 63	3 13/16	3 13/16	EP 08 R	EP 08 S
4 1/8	3 3/8	SAF 218	LER 96	LER 191	5 3/4	TER 96	TER 191	4"	4"	EP 09 R	EP 09 S
4 1/2	3 13/16	SAF 220	LER 118	LER 106	6"	TER 118	TER 106	4 5/16	4 5/16	EP 12 R	EP 12 S
4 7/8	4 3/16	SAF 222	LER 121	LER 113	6 1/2	TER 121	TER 113	4 1/2	4 1/2	EP 14 R	EP 14 S
5 5/16	4 9/16	SAF 224	LER 127	LER 119	7 3/8	TER 127	TER 119	5"	5"	EP 15 R	EP 15 S
5 7/8	4 15/16	SAF 226	LER 136	LER 122	8"	TER 136	TER 122	5 1/4	5 1/4	EP 16 R	EP 16 S
6 1/4	5 5/16	SAF 228	LER 144	LER 127	7 5/8	TER 144	TER 127	5 1/8	5 1/8	EP 17 R	EP 17 S
6 5/8	5 3/4	SAF 230	LER 151	LER 134	8 3/8	TER 151	TER 134	5 7/16	5 1/2	EP 19 R	EP 19 S
7"	6 1/16	SAF 232	LER 156	LER 142	8 3/4	TER 156	TER 142	5 13/16	5 3/4	EP 20 R	EP 20 S
7 7/16	6 7/16	SAF 234	LER 161	LER 148	9 5/8	TER 161	TER 148	6 3/16	6 1/8	EP 21 R	EP 21 S
7 13/16	6 7/8	SAF 236	LER 165	LER 154	10"	TER 165	TER 154	6 1/4	6 1/4	EP 22 R	EP 22 S
8 3/16	7 1/4	SAF 238	LER 171	LER 160	10 5/8	TER 171	TER 160	6 13/16	6 13/16	EP 23 R	EP 23 S
8 3/4	7 5/8	SAF 240	LER 175	LER 164	11 1/8	TER 175	TER 164	6 15/16	6 15/16		EP 24 S
9 9/16	8 5/16	SAF 244	LER 179	LER 170	11 7/8	TER 179	TER 170	7 7/16	7 7/16		EP 26 S
4 1/8	3 3/8	SAF 318	LER 112	LER 191	6 7/8	TER 112	TER 191	4 3/4	4 5/8	EP 09 R	EP 09 S
4 1/2	3 13/16	SAF 320	LER 118	LER 106	7 3/8	TER 118	TER 106	5"	5"	EP 12 R	EP 12 S
4 7/8	4 3/16	SAF 322	LER 121	LER 113	8"	TER 121	TER 113	5 1/4	5 1/4	EP 14 R	EP 14 S
5 5/16	4 9/16	SAF 324	LER 127	LER 119	8 3/8	TER 127	TER 119	5 1/2	5 1/2	EP 15 R	EP 15 S
5 7/8	4 15/16	SAF 326	LER 136	LER 122	8 3/4	TER 136	TER 122	5 11/16	5 11/16	EP 16 R	EP 16 S
6 1/4	5 5/16	SAF 328	LER 144	LER 127	9 5/8	TER 144	TER 127	6 1/8	6 1/8	EP 17 R	EP 17 S
6 5/8	5 3/4	SAF 330	LER 151	LER 134	10"	TER 151	TER 134	6 1/4	6 5/16	EP 19 R	EP 19 S
7"	6 1/16	SAF 332	LER 156	LER 142	10 5/8	TER 156	TER 142	6 3/4	6 11/16	EP 20 R	EP 20 S
7 7/16	6 7/16	SAF 334	LER 161	LER 148	11 1/8	TER 161	TER 148	7 1/16	7"	EP 21 R	EP 21 S
7 13/16	6 7/8	SAF 336	LER 165	LER 154	11 3/8	TER 165	TER 154	6 15/16	6 15/16	EP 22 R	EP 22 S
8 3/8	7 1/4	SAF 338	LER 171	LER 160	11 7/8	TER 171	TER 160	7 7/16	7 7/16	EP 23 R	EP 23 S
8 3/4	7 5/8	SAF 340	LER 175	LER 164	12 1/16	TER 175	TER 164	7 7/16	7 7/16		EP 28 S

**SEALS**



# Seal, Taconites, and End Plugs

## SAF 500, 600



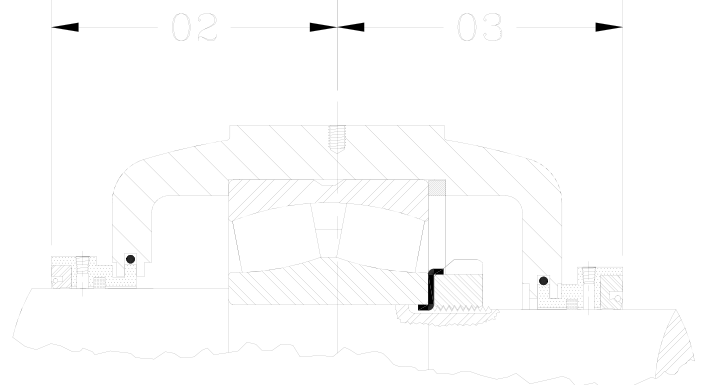
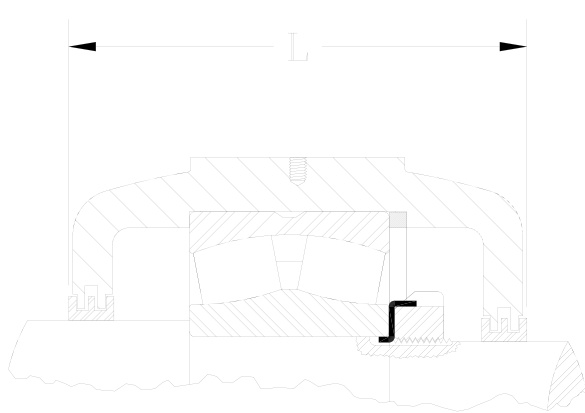
### SAF 500 - 600

SHAFT DIAMETER	HOUSING NUMBER	TRIPLE SEAL	L dim.	TACONITE SEAL	O1 dim.	END PLUGS	
						RUBBER	STEEL
2 3/16	SAF 513 02-03	LER 29	4 1/2	TER 29	7 1/16	EP 02 R	EP 02 S
2 7/16	SAF 515 02-07	LER 37	4 3/4	TER 37	7 9/16	EP 04 R	EP 04 S
2 11/16	SAF 516 02-11	LER 44	4 7/8	TER 44	7 3/4	EP 05 R	EP 05 S
2 15/16	SAF 517 02-15	LER 53	5"	TER 530	7 7/8	EP 06 R	EP 06 S
3 3/16	SAF 518 03-03	LER 188	5 3/4	TER 188	8 1/16	EP 09 R	EP 09 S
3 7/16	SAF 520 03-07	LER 102	6"	TER 102	8 13/16	EP 11 R	EP 11 S
3 15/16	SAF 522 03-15	LER 109	6 1/2	TER 109	9"	EP 13 R	EP 13 S
4 3/16	SAF 524 04-03	LER 113	7 3/8	TER 113	9 15/16	EP 14 R	EP 14 S
4 7/16	SAF 526 04-07	LER 117	8"	TER 117	10 9/16	EP 15 R	EP 15 S
4 15/16	SAF 528 04-15	LER 122	7 5/8	TER 122	10 3/16	EP 16 R	EP 16 S
5 3/16	SAF 530 05-03	LER 125	8 3/8	TER 125	11 1/16	EP 17 R	EP 17 S
5 7/16	SAF 532 05-07	LER 130	8 3/4	TER 130	11 7/16	EP 18 R	EP 18 S
5 15/16	SAF 534 05-15	LER 140	9 5/8	TER 140	12 7/16	EP 20 R	EP 20 S
6 7/16	SAF 536 06-07	LER 148	10"	TER 148	12 11/16	EP 21 R	EP 21 S
6 15/16	SAF 538 06-15	LER 155	10 5/8	TER 155	13 1/2	EP 22 R	EP 22 S
7 3/16	SAF 540 07-03	LER 159	11 1/8	TER 159	14 3/16	EP 23 R	EP 23 S
7 15/16	SAF 544 07-15	LER 167	11 7/8	TER 167	14 15/16	EP 25 R	EP 25 S
3 3/16	SAF 618 03-03	LER 188	6 7/8	TER 188	9 5/16	EP 09 R	EP 09 S
3 7/16	SAF 620 03-07	LER 102	7 3/8	TER 102	10 3/16	EP 11 R	EP 11 S
3 15/16	SAF 622 03-15	LER 109	8"	TER 109	10 3/8	EP 13 R	EP 13 S
4 3/16	SAF 624 04-03	LER 113	8 3/8	TER 113	10 15/16	EP 14 R	EP 14 S
4 7/16	SAF 626 04-07	LER 117	8 3/4	TER 117	11 5/16	EP 15 R	EP 15 S
4 15/16	SAF 628 04-15	LER 122	9 5/8	TER 122	12 3/16	EP 16 R	EP 16 S
5 3/16	SAF 630 05-03	LER 125	10"	TER 125	12 11/16	EP 17 R	EP 17 S
5 7/16	SAF 632 05-07	LER 130	10 5/8	TER 130	13 5/16	EP 18 R	EP 18 S
5 15/16	SAF 634 05-15	LER 140	11 1/8	TER 140	14 3/16	EP 20 R	EP 20 S
6 7/16	SAF 636 06-07	LER 148	11 3/8	TER 148	14 1/16	EP 21 R	EP 21 S
6 15/16	SAF 638 06-15	LER 155	11 7/8	TER 155	14 13/16	EP 22 R	EP 22 S
7 3/16	SAF 640 07-03	LER 159	12 1/16	TER 159	15 1/8	EP 23 R	EP 23 S



# Seals, Taconites, and End Plugs

## SDAF 200, 300



### SDAF 200 - 300

SHAFT DIAMETER		HOUSING NUMBER	TRIPLE SEAL		L dim.	TACONITE SEAL		O2 dim.	O3 dim.	PLUGS	
S-2 IN.	S-3 IN.		S-2	S-3		S-2	S-3			RUBBER	STEEL
4 1/2	3 13/16	SDAF 220	LER 118	LER 106	6 3/4	TER 118	TER 106	4 3/4	4 3/4	EP 12 R	EP 12 S
4 7/8	4 3/16	SDAF 222	LER 121	LER 113	7 1/4	TER 121	TER 113	4 15/16	4 15/16	EP 14 R	EP 14 S
5 5/16	4 9/16	SDAF 224	LER 127	LER 119	7 3/8	TER 127	TER 119	5 1/16	5 1/16	EP 15 R	EP 15 S
5 7/8	4 15/16	SDAF 226	LER 136	LER 122	8"	TER 136	TER 122	5 5/16	5 5/16	EP 16 R	EP 16 S
6 1/4	5 5/16	SDAF 228	LER 144	LER 127	7 13/16	TER 144	TER 127	5 1/4	5 1/4	EP 17 R	EP 17 S
6 5/8	5 3/4	SDAF 230	LER 151	LER 134	8 3/8	TER 151	TER 134	5 7/16	5 9/16	EP 19 R	EP 19 S
7"	6 1/16	SDAF 232	LER 156	LER 142	8 3/4	TER 156	TER 142	5 7/8	5 3/4	EP 20 R	EP 20 S
7 7/16	6 7/16	SDAF 234	LER 161	LER 148	9 5/8	TER 161	TER 148	6 1/4	6 3/16	EP 21 R	EP 21 S
7 13/16	6 7/8	SDAF 236	LER 165	LER 154	10"	TER 165	TER 154	6 5/16	6 5/16	EP 22 R	EP 22 S
8 3/8	7 1/4	SDAF 238	LER 240	LER 229	10 5/8	TER 240	TER 229	6 11/16	6 11/16		EP 23-1 S
8 3/4	7 5/8	SDAF 240	LER 244	LER 233	11 1/8	TER 244	TER 233	7 3/8	7 3/8		EP 24-2 S
9 9/16	8 5/16	SDAF 244	LER 248	LER 239	12 3/16	TER 248	TER 239	7 7/8	7 7/8		EP 26-1 S
3 15/16	3 3/16	SDAF 317	LER 109	LER 188	6 3/4	TER 109	TER 188	4 11/16	4 11/16	EP 09 R	EP 09 S
4 1/8	3 3/8	SDAF 318	LER 112	LER 191	6 7/8	TER 112	TER 191	4 3/4	4 11/16	EP 10 R	EP 10 S
4 1/2	3 13/16	SDAF 320	LER 118	LER 106	7 3/8	TER 118	TER 106	5 1/16	5 1/16	EP 12 R	EP 12 S
4 7/8	4 3/16	SDAF 322	LER 121	LER 113	8"	TER 121	TER 113	5 5/16	5 5/16	EP 14 R	EP 14 S
5 5/16	4 9/16	SDAF 324	LER 127	LER 119	8 3/8	TER 127	TER 119	5 9/16	5 9/16	EP 15 R	EP 15 S
5 7/8	4 15/16	SDAF 326	LER 136	LER 122	8 3/4	TER 136	TER 122	5 11/16	5 11/16	EP 16 R	EP 16 S
6 1/4	5 5/16	SDAF 328	LER 144	LER 127	9 5/8	TER 144	TER 127	6 3/16	6 3/16	EP 17 R	EP 17 S
6 5/8	5 3/4	SDAF 330	LER 151	LER 134	9 3/4	TER 151	TER 134	6 1/8	6 1/4	EP 19 R	EP 19 S
7"	6 1/16	SDAF 332	LER 225	LER 217	10 5/8	TER 225	TER 217	6 1/2	6 1/2		EP 20-3 S
7 7/16	6 7/16	SDAF 334	LER 230	LER 220	11 1/8	TER 230	TER 220	6 13/16	6 3/4		EP 21-1 S
7 13/16	6 7/8	SDAF 336	LER 234	LER 223	11 3/8	TER 234	TER 223	6 7/8	6 7/8		EP 22-M S
8 3/8	7 1/4	SDAF 338	LER 240	LER 229	11 13/16	TER 240	TER 229	7 1/4	7 1/4		EP 23-1 S
8 3/4	7 5/8	SDAF 340	LER 244	LER 233	12 3/16	TER 244	TER 233	7 15/16	7 15/16		EP 24-2 S

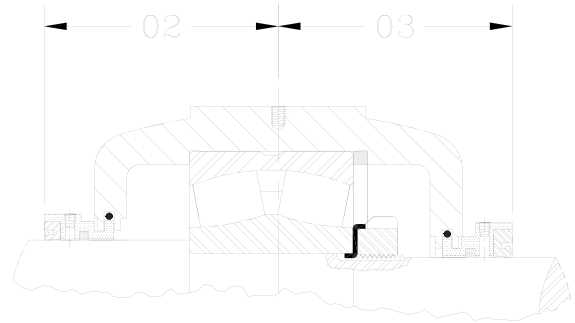
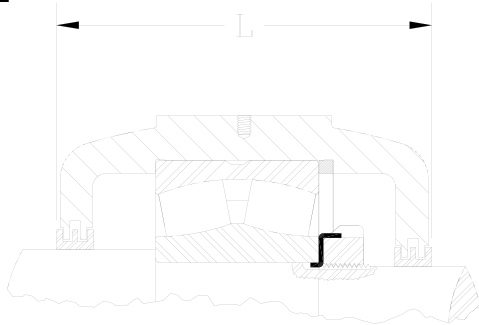
**SEALS**





# Seals, Taconites, and End Plugs

## SDAF 231, 232



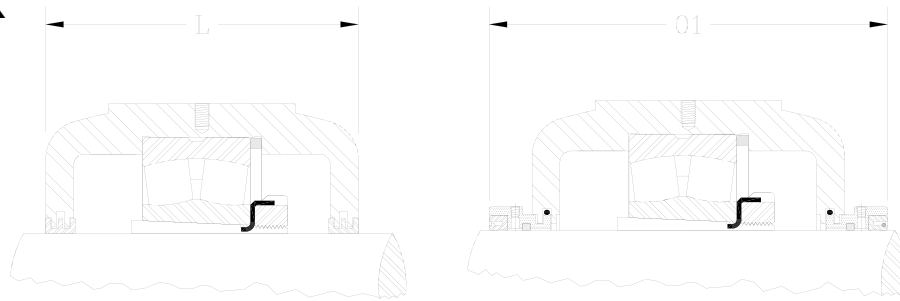
### SDAF 231 - 232

SHAFT DIAMETER		HOUSING NUMBER	TRIPLE SEAL		L dim.	TACONITE SEAL		O2 dim.	O3 dim.
S-2 IN.	S-3 IN.		S-2	S-3		S-2	S-3		
11 1/2	9 15/16	SDAF 3152	ER 832	ER 845	14 1/8	TER 832	TER 845	8 11/16	8 11/16
12 1/2	10 3/4	SDAF 3156	ER 866	ER 826	15 1/2	TER 866	TER 826	9 3/8	9 1/4
13"	11 1/2	SDAF 3160	ER 824	ER 832	16 1/2	TER 824	TER 832	9 7/8	9 7/8
14"	12 1/4	SDAF 3164	ER 876	ER 983	16 1/4	TER 876	TER 983	9 3/4	9 3/4
15"	13"	SDAF 3168	ER 847	ER 846	18"	TER 847	TER 846	10 5/8	10 1/2
16"	13 3/4	SDAF 3172	ER 809	ER 874	18"	TER 809	TER 874	10 9/16	10 7/16
17"	14 1/2	SDAF 3176	ER 811	ER 950	18"	TER 811	TER 950	10 7/16	10 7/16
17 1/2	15 1/4	SDAF 3180	ER 967	ER 895	19 3/8	TER 967	TER 895	11 7/8	11 5/16
18 1/2	15 3/4	SDAF 3184	ER 978	ER 907	21 3/4	TER 978	TER 907	12 7/16	12 7/16
19 1/2	17"	SDAF 3188	ER 926	ER 838	21 3/4	TER 926	TER 838	12 9/16	12 1/2
20"	17 3/4	SDAF 3192	ER 808	ER 906	22 3/4	TER 808	TER 906	13 1/16	12 15/16
10 1/2	9 3/16	SDAF 3248	ER 840	ER 923	14 1/8	TER 840	TER 923	8 11/16	8 11/16
11 1/2	9 15/16	SDAF 3252	ER 832	ER 845	16 1/2	TER 832	TER 845	9 7/8	9 7/8
12 1/2	10 3/4	SDAF 3256	ER 866	ER 826	16 1/2	TER 866	TER 826	9 7/8	9 3/4
13"	11 1/2	SDAF 3260	ER 846	ER 856	16 1/4	TER 846	TER 856	9 5/8	9 5/8
14"	12 1/4	SDAF 3264	ER 876	ER 983	18"	TER 876	TER 983	10 5/8	10 5/8
15"	13"	SDAF 3268	ER 847	ER 846	18"	TER 847	TER 846	10 9/16	10 7/16
16"	13 3/4	SDAF 3272	ER 965	ER 981	19 3/8	TER 965	TER 981	11 3/8	11 1/8
17"	14 1/2	SDAF 3276	ER 838	ER 984	19 3/8	TER 838	TER 984	11 5/16	11 1/8
17 1/2	15 1/4	SDAF 3280	ER 967	ER 895	21 3/4	TER 967	TER 895	13 1/16	12 1/2
18 1/2	15 3/4	SDAF 3284	ER 978	ER 907	22 3/4	TER 978	TER 907	12 15/16	12 15/16
19 1/2	17"	SDAF 3288	ER 926	ER 838	22 3/4	TER 926	TER 838	13 1/16	13"
20"	17 3/4	SDAF 3292	ER 808	ER 906	22 3/4	TER 808	TER 906	13 1/16	12 15/16



# Seals, Taconites, and End Plugs

## SAF, SDAF 230K



### SAF, SDAF 230K

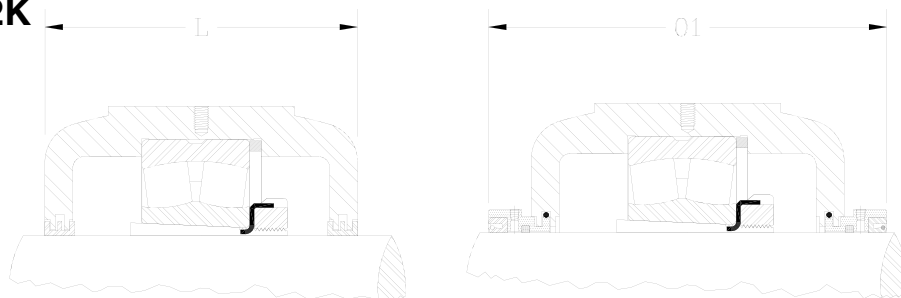
SHAFT DIAMETER	HOUSING NUMBER	TRIPLE SEAL	L dim.	TACONITE SEAL	O1 dim.	END PLUGS	
						RUBBER	STEEL
4 3/16	SAF 024 K 04-03	LER 113	6"	TER 113	8 9/16	EP 14 R	EP 14 S
4 7/16	SAF 026 K 04-07	LER 117	6 1/2	TER 117	9 1/16	EP 15 R	EP 15 S
4 15/16	SAF 028 K 04-15	LER 122	7 3/8	TER 122	9 15/16	EP 16 R	EP 16 S
5 3/16	SAF 030 K 05-03	LER 125	8"	TER 125	10 11/16	EP 17 R	EP 17 S
5 7/16	SAF 032 K 05-07	LER 130	8"	TER 130	10 11/16	EP 18 R	EP 18 S
5 15/16	SAF 034 K 05-15	LER 140	7 5/8	TER 140	10 7/16	EP 20 R	EP 20 S
6 7/16	SAF 036 K 06-07	LER 148	8 3/4	TER 148	11 7/16	EP 21 R	EP 21 S
6 15/16	SAF 038 K 06-15	LER 155	8 3/4	TER 155	11 11/16	EP 22 R	EP 22 S
7 3/16	SAF 040 K 07-03	LER 159	9 5/8	TER 159	12 11/16	EP 23 R	EP 23 S
7 15/16	SAF 044 K 07-15	LER 167	10 5/8	TER 167	13 5/8	EP 25 R	EP 25 S
8 7/16	SAF 048 K 08-07	LER 526	11 1/8	TER 526	13 15/16		EP 50 E S
8 1/2	SAF 048 K 08-08	LER 527	11 1/8	TER 527	14 11/16		EP 50 E S
8 15/16	SAF 048 K 08-15	LER 529	11 1/8	TER 529	14 11/16		EP 50 E S
9"	SAF 048 K 09-00	LER 530	11 1/8	TER 530	14 11/16		EP 50 E S
9 7/16	SAF 052 K 09-07	LER 178-1	11 7/8	TER 178-1	15 7/16		EP 51-1 S
9 1/2	SAF 052 K 09-08	LER 178	11 7/8	TER 178-1	15 7/16		EP 51-1 S
9 15/16	SAF 056 K 09-15	ER 751	12 1/16	TER 751	15"		EP 49 E S
10"	SAF 056 K 10-00	ER 705	12 1/16	TER 705	15 1/4		EP 49 E S
10 1/2	SAF 056 K 10-08	ER 710	12 1/16	TER 710	15 7/16		EP 51 S
10 15/16	SDAF 060 K 10-15	ER 858	15 1/2	TER 858	18 3/4		EP 15910 S
11"	SDAF 060 K 11-00	ER 825	15 1/2	TER 825	18 1/2		EP 15910 S
11 7/16	SDAF 064 K 11-07	ER 861	16 1/2	TER 861	19 3/4		EP 17822 S
11 1/2	SDAF 064 K 11-08	ER 832	16 1/2	TER 832	19 3/4		EP 17822 S
11 15/16	SDAF 064 K 11-15	ER 859	16 1/2	TER 859	19 3/4		EP 17291 S
12"	SDAF 064 K 12-00	ER 818	16 1/2	TER 818	19 3/4		EP 17291 S
12 1/2	SDAF 068 K 12-08	ER 866	15 3/4	TER 866	19"		EP 20164 S
12 15/16	SDAF 072 K 12-15	ER 869	16 1/4	TER 869	19 3/16		EP 11642 S
13"	SDAF 072 K 13-00	ER 846	16 1/4	TER 846	19 3/16		EP 11642 S
13 7/16	SDAF 072 K 13-07	ER 872	16 1/4	TER 872	19 3/16		EP 20826 S
13 1/2	SDAF 072 K 13-08	ER 823	16 1/4	TER 823	19 3/16		EP 20826 S
13 15/16	SDAF 076 K 13-15	ER 875	16 1/4	TER 875	19 7/16		EP 17646 S
14"	SDAF 076 K 14-00	ER 876	16 1/4	TER 876	19 7/16		EP 17646 S
15"	SDAF 080 K 15-00	ER 847	18"	TER 847	21 1/16		EP 20263 S
15 3/4	SDAF 084 K 15-12	ER 885	18"	TER 885	21 1/16		EP 18690 S
16 1/2	SDAF 088 K 16-08	ER 958	19 3/8	TER 958	22 3/4		EP 20825 S
17"	SDAF 092 K 17-00	ER 838	19 3/8	TER 838	22 5/8		EP 20262 S
18"	SDAF 096 K 18-00	ER 888	21 3/4	TER 888	24 5/8		EP 20821 S
18 1/2	SDAF 30/500 K 18-08	ER 978	21 3/4	TER 978	24 7/8		
19 1/2	SDAF 30/530 K 19-08	ER 926	22 3/4	TER 926	26 1/8		

**SEALS**



# Seal, Taconites, and End Plugs

## SDAF 231K, 232K



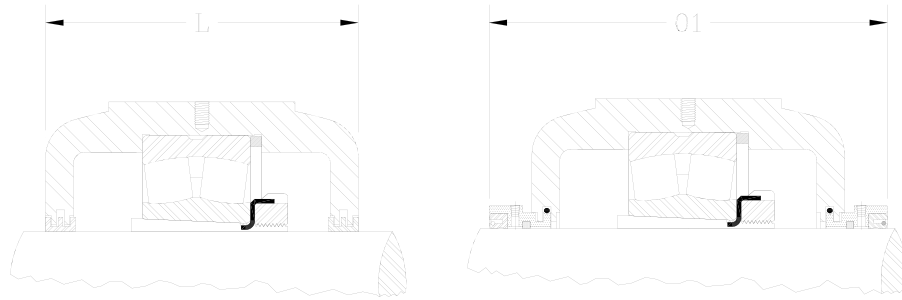
### SDAF 231K - 232 K

SHAFT DIAMETER	HOUSING NUMBER	TRIPLE SEAL	L dim.	TACONITE SEAL	O1 dim.
9 7/16	SDAF 3152 K 09-07	ER 891	14 1/8	TER 891	17 1/8
10 7/16	SDAF 3156 K 10-07	ER 973	15 1/2	TER 973	18 13/16
10 15/16	SDAF 3160 K 10-15	ER 858	16 1/2	TER 858	19 3/8
11 15/16	SDAF 3164 K 11-15	ER 900	16 1/4	TER 900	19 7/16
12 7/16	SDAF 3168 K 12-07	ER 975	18"	TER 975	21 3/16
13 7/16	SDAF 3172 K 13-07	ER 872	18"	TER 872	20 13/16
13 15/16	SDAF 3176 K 13-15	ER 875	18"	TER 875	21 1/16
15"	SDAF 3180 K 15-00	ER 976	19 3/8	TER 976	22 1/2
15 3/4	SDAF 3184 K 15-12	ER 907	21 3/4	TER 907	24 7/8
16 1/2	SDAF 3188 K 16-08	ER 958	21 3/4	TER 958	25 1/8
17"	SDAF 3192 K 17-00	ER 838	22 3/4	TER 838	26"
18"	SDAF 3196 K 18-00	ER 888	22 3/4	TER 888	25 5/8
18 1/2	SDAF 31/500 K 18-08	ER 978	22 3/4	TER 978	25 7/8
19 1/2	SDAF 31/530 K 19-08	ER 926	22 3/4	TER 926	26 1/8
8 15/16	SDAF 3248 K 08-15	ER 914	14 1/8	TER 914	17 1/8
9 7/16	SDAF 3252 K 09-07	ER 891	16 1/2	TER 891	19 1/2
10 7/16	SDAF 3256 K 10-07	ER 973	16 1/2	TER 973	19 13/16
10 15/16	SDAF 3260 K 10-15	ER 974	16 1/4	TER 974	19 3/16
11 15/16	SDAF 3264 K 11-15	ER 900	18"	TER 900	21 3/16
12 7/16	SDAF 3268 K 12-07	ER 975	18"	TER 975	21 1/16
13 7/16	SDAF 3272 K 13-07	ER 979	19 3/8	TER 979	22 1/2
13 15/16	SDAF 3276 K 13-15	ER 977	19 3/8	TER 977	22 1/4
15"	SDAF 3280 K 15-00	ER 976	21 3/4	TER 976	24 7/8
15 3/4	SDAF 3284 K 15-12	ER 907	22 3/4	TER 907	25 7/8
16 1/2	SDAF 3288 K 16-08	ER 958	22 3/4	TER 958	26 1/8
17"	SDAF 3292 K 17-00	ER 838	22 3/4	TER 838	26"
18"	SDAF 3296 K 18-00	ER 888	24 5/8	TER 888	27 1/2
18 1/2	SDAF 32/500 K 18-08	ER 978	24 5/8	TER 978	27 3/4



# Seals, Taconites, and End Plugs

## SDAF 500, 600



### SDAF 500 - 600

SHAFT DIAMETER	HOUSING NUMBER	TRIPLE SEAL	L dim.	TACONITE SEAL	O1 dim.	END PLUGS	
						RUBBER	STEEL
3 7/16	SDAF 520 03-07	LER 102	6 3/4	TER 102	9 5/8	EP 11 R	EP 11 S
3 15/16	SDAF 522 03-15	LER 109	7 1/4	TER 109	9 13/16	EP 13 R	EP 13 S
4 3/16	SDAF 524 04-03	LER 113	7 3/8	TER 113	10"	EP 14 R	EP 14 S
4 7/16	SDAF 526 04-07	LER 117	8"	TER 117	10 5/8	EP 15 R	EP 15 S
4 15/16	SDAF 528 04-15	LER 122	7 13/16	TER 122	10 7/16	EP 16 R	EP 16 S
5 3/16	SDAF 530 05-03	LER 125	8 3/8	TER 125	11 1/8	EP 17 R	EP 17 S
5 7/16	SDAF 532 05-07	LER 130	8 3/4	TER 130	11 1/2	EP 18 R	EP 18 S
5 15/16	SDAF 534 05-15	LER 140	9 5/8	TER 140	12 1/2	EP 20 R	EP 20 S
6 7/16	SDAF 536 06-07	LER 148	10"	TER 148	12 3/4	EP 21 R	EP 21 S
6 15/16	SDAF 538 06-15	LER 155	10 5/8	TER 155	13"		EP 22 M S
7 3/16	SDAF 540 07-03	LER 159	11 1/8	TER 159	13 1/2		EP 23-1 S
7 15/16	SDAF 544 07-15	LER 167	12 3/16	TER 167	14 11/16		EP 25-1 S
2 15/16	SDAF 617 02-15	LER 53	6 3/4	TER 53	9 5/8		EP 07 S
3 3/16	SDAF 618 03-03	LER 188	6 7/8	TER 188	9 3/8	EP 09 R	EP 09 S
3 7/16	SDAF 620 03-07	LER 102	7 3/8	TER 102	10 1/4	EP 11 R	EP 11 S
3 15/16	SDAF 622 03-15	LER 109	8"	TER 109	10 9/16	EP 13 R	EP 13 S
4 3/16	SDAF 624 04-03	LER 113	8 3/8	TER 113	11"	EP 14 R	EP 14 S
4 7/16	SDAF 626 04-07	LER 117	8 3/4	TER 117	11 3/8	EP 15 R	EP 15 S
4 15/16	SDAF 628 04-15	LER 122	9 5/8	TER 122	12 1/4	EP 16 R	EP 16 S
5 3/16	SDAF 630 05-03	LER 125	9 3/4	TER 125	12 1/2	EP 17 R	EP 17 S
5 7/16	SDAF 632 05-07	LER 130	10 5/8	TER 130	13"		EP 18-2 S
5 15/16	SDAF 634 05-15	LER 140	11 1/8	TER 140	13 1/2		EP 20-3 S
6 7/16	SDAF 636 06-07	LER 148	11 3/8	TER 148	13 3/4		EP 21-1 S
6 15/16	SDAF 638 06-15	LER 155	12 3/16	TER 155	14 1/4		EP 22 M S
7 3/16	SDAF 640 07-03	LER 159	12 3/16	TER 159	14 9/16		EP 23-1 S

**SEALS**







***MIETHER BEARING PRODUCTS, INC.***  
***An Alco Industries Company***

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PRECISION ENGINEERED FOR  
OUTSTANDING QUALITY

Non-Standards and Specials

Miether's product line consists of bearing housings made to industry standards and bearing accessories made to American Bearing Manufacturer Association (ABMA) specifications.

However, many of the application problems in industry today cannot be solved with standard hardware. Thus the need for a manufacturer who can build what is needed instead of what is on the shelf.

Miether has the engineering expertise and the production machining capability to modify a standard housing and casting with such features as under/over size bore fits, extra float, milled feet, thermocouple taps, vibration monitor taps, non-standard centerline heights, crossover holes and oversize drains for oil circulation systems, predrilled dowel holes, and special paints.

If Miether does not have a standard casting pattern, we can quote you a unique casting per your print.

Miether has produced journal bearings using bronze sleeves in steel housings, or housings of aluminum for such use as rail car bearings.

If your requirement is non-standard or special, call Miether Engineering Department.

## TECHNICAL INFORMATION



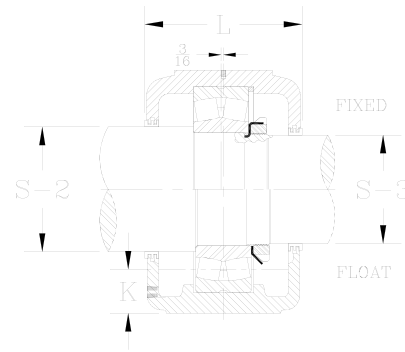
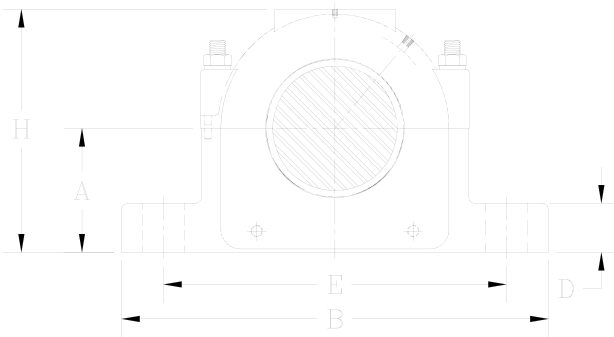
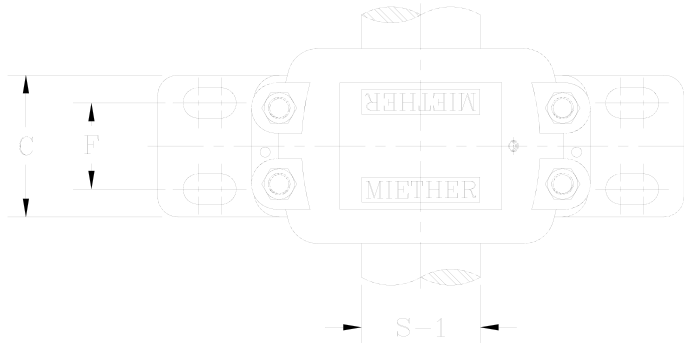
# How To Order Replacement Bearings

Ordering the correct replacement bearing is a critical task - but one that is not difficult if you take time to gather the right information. Just follow these steps.

- First - IDENTIFY - the type of bearing you need to replace.
  - Ball Bearing - Single Row, Double Row, Angular Contact
  - Roller Bearing - Cylindrical, Spherical, Tapered
  - Thrust Bearing - Ball or Roller
  - Mounted Unit - Flange, Block, Cartridge, Take-up
  - Super Precision - Angular Contact Ball, Cylindrical Roller, Ball Screw Support.
  
- Second - LOCATE - the identification number on the bearing.
  - Bearing identification numbers are usually located on the inner ring face, outer ring face or bearing O.D. Sealed bearings may have the number marked on their seal caps. Mounted units are identified by a number tag fastened to the unit or by a housing number tag fastened to the unit or by a housing number cast into the housing cap.
  
- Third - MEASURE - if you need to.
  - If a bearing identification number is not legible, you will need to determine the following:
    1. Inner ring bore (inside diameter)
    2. Outer ring outside diameter
    3. Inner width and outer width (these may be different)
    4. Shape of the bore and/or outside diameter of bearing - spherical, tapered or cylindrical
  
- Fourth - RECORD - additional relevant information.
  - The more information available, the easier it will be to identify the replacement bearing needed. Record:
    1. Unique features such as lubrication holes, snap ring grooves, machined shoulders, etc.
    2. Application/equipment data



# How To Identify Replacement Housings



CRITICAL:	DIMENSIONS:	DESCRIPTION:
X	A:	
	B:	
	C:	
	D:	
X	E: Min, Max	
X	F:	
	H:	
	L:	
X	S1:	
X	S2:	
X	S3:	
X	2-Bolt or 4-Bolt Base	
X	2-Bolt or 4-Bolt Cap	
X	Bearing Insert	

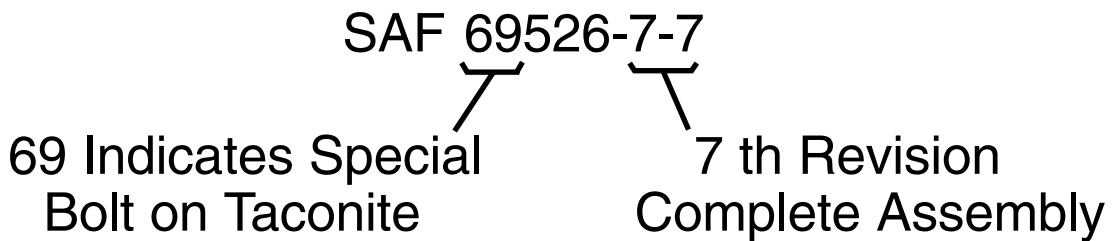
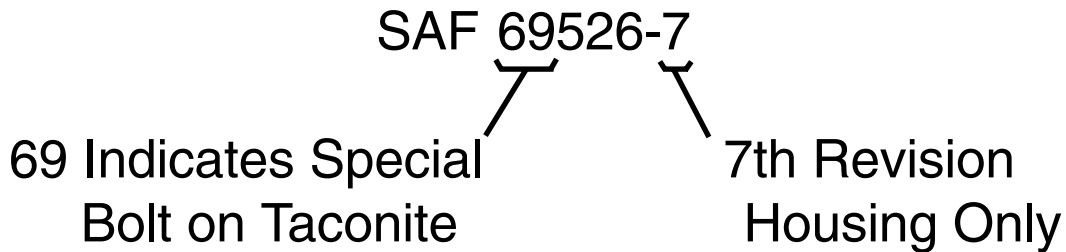
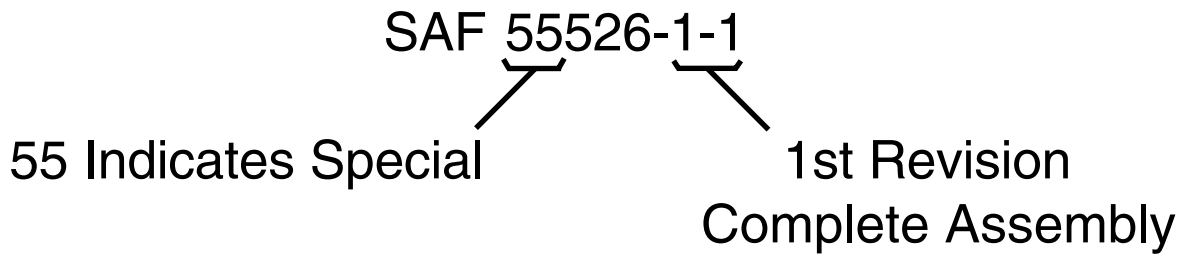
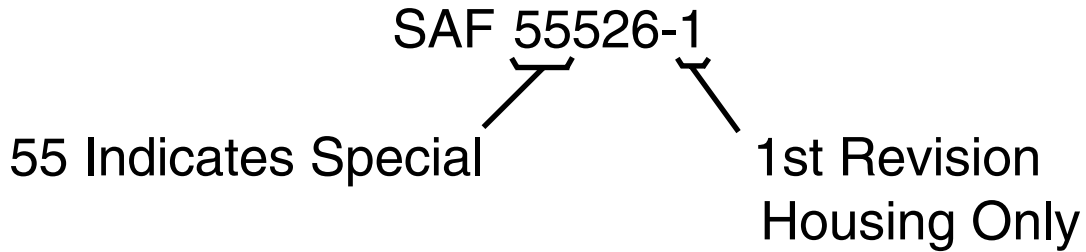
**TECH**





# Nomenclature for Miether Special Housings

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# BEARING WEIGHTS

PART NUMBER	WEIGHT
22213	3.20 lbs.
22214	3.40 lbs.
22215	3.65 lbs.
22216	4.50 lbs.
22217	5.60 lbs.
22218	7.50 lbs.
22219	8.80 lbs.
22220	10.50 lbs.
22222	15.50 lbs.
22224	19.00 lbs.
22226	24.50 lbs.
22228	31.00 lbs.
22230	39.50 lbs.
22232	49.50 lbs.
22234	63.00 lbs.
22236	65.00 lbs.
22238	80.50 lbs.
22240	96.00 lbs.
22244	135.00 lbs.
22248	185.00 lbs.
22252	245.00 lbs.
22256	255.00 lbs.
22260	320.00 lbs.
22264	385.00 lbs.
22318	19.00 lbs.
22320	28.50 lbs.
22322	39.50 lbs.
22324	48.50 lbs.
23168	460.00 lbs.
23172	485.00 lbs.
23176	505.00 lbs.
23180	585.00 lbs.
23184	770.00 lbs.
23220	15.00 lbs.
23222	21.50 lbs.
23224	26.50 lbs.
23226	31.00 lbs.
23228	41.00 lbs.
23230	53.00 lbs.
23232	66.00 lbs.
23234	80.50 lbs.
23236	86.00 lbs.
23238	105.00 lbs.
23240	125.00 lbs.
23244	175.00 lbs.
23248	245.00 lbs.

PART NUMBER	WEIGHT
23252	310.00 lbs.
23256	330.00 lbs.
23260	420.00 lbs.
23264	530.00 lbs.
23268	650.00 lbs.
23272	740.00 lbs.
23276	825.00 lbs.
23280	990.00 lbs.
23284	1180.00 lbs.
22326	63.00 lbs.
22328	76.00 lbs.
22330	91.50 lbs.
22332	110.00 lbs.
22334	130.00 lbs.
22336	150.00 lbs.
22338	175.00 lbs.
22340	205.00 lbs.
22344	265.00 lbs.
22348	340.00 lbs.
22352	420.00 lbs.
23024	9.25 lbs.
23026	13.50 lbs.
23028	14.50 lbs.
23030	17.50 lbs.
23032	21.50 lbs.
23034	28.50 lbs.
23036	37.50 lbs.
23038	39.50 lbs.
23040	50.50 lbs.
23044	67.50 lbs.
23048	74.00 lbs.
23052	105.00 lbs.
23056	115.00 lbs.
23060	160.00 lbs.
23064	170.00 lbs.
23068	230.00 lbs.
23072	240.00 lbs.
23076	250.00 lbs.
23080	330.00 lbs.
23084	340.00 lbs.
23088	395.00 lbs.
23092	450.00 lbs.
23122	12.00 lbs.
23124	17.00 lbs.
23126	19.00 lbs.
23128	23.00 lbs.

PART NUMBER	WEIGHT
23130	35.50 lbs.
23132	45.00 lbs.
23134	47.50 lbs.
23136	60.50 lbs.
23138	76.00 lbs.
23140	93.50 lbs.
23144	115.00 lbs.
23148	145.00 lbs.
23152	200.00 lbs.
23156	215.00 lbs.
23160	275.00 lbs.
23164	360.00 lbs.



# NOTES



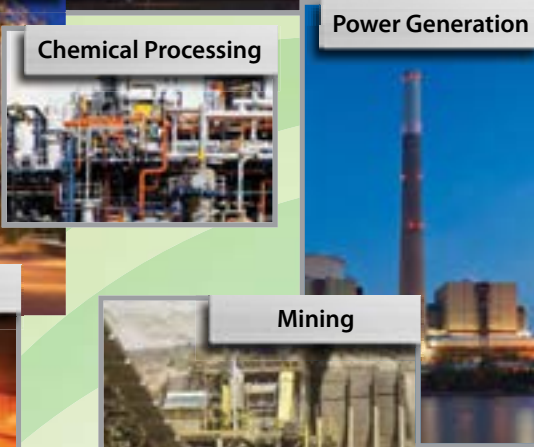
# NOTES



# NOTES



Miether is the #1 preferred choice in a variety of industries, **INCLUDING:**



We've always been GREEN!™



*Contact us today!*

Miether Bearing Products  
8720 North County Road West  
Odessa, Texas 79764

Phone: (432) 366-3838 ext. 3  
1-800 MIETHER (643-8437) ext. 3  
miether@miether.com | www.miether.com

