

# Horizontal Welded Steel Mounts

**MAGNALOY'S WELDED STEEL MOUNTS** are available for special mounting requirements where the standard aluminum mount is not available or where a steel mount is required. These mounts are manufactured with the same quality and precision of the standard aluminum mounts and are guaranteed to meet Magnaloy's minimum quality measurements shown in Illustration A, page 17. Magnaloy's Welded Steel Mounts are available for horizontal, vertical and engine applications in a nearly limitless choice of lengths in 1/4 inch increments. **MOUNTING KITS** are included as with the cast aluminum mounts.



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## Magnaloy Horizontal Welded Steel Pump/Motor Mounts

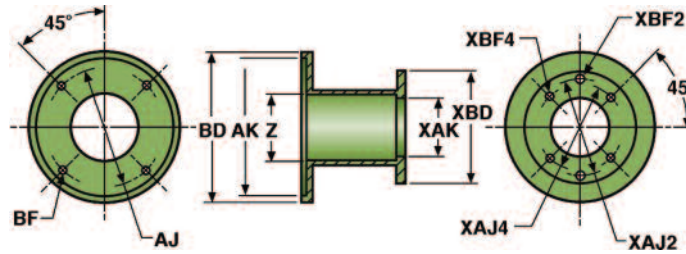
**MAGNALOY'S HORIZONTAL WELDED STEEL MOUNTS** are available for metric motor and metric pump dimensions in addition to NEMA motors and SAE pumps listed, consult factory for special requirements. To select a welded steel horizontal mount follow the selection method detailed on page 18. The length determined will be the minimum length recommended, additional length can be added depending upon coupling selection, consult factory for further assistance.

TABLE 19 - NEMA 56C, 143TC/145TC, 182UC/184UC

MOTOR END DATA		RADIAL CLEARANCE "Z" = 4.03							MOUNT NO.	(METRIC SIZES ALSO AVAILABLE)
AJ	BF	BD	AK	XAK	XAJ2	XBF2	XAJ4	XBF4		
5.88	7/16	6.81	4.501							
USA4F17	4 Bolt	1.782			2.84	5/16-18	5.25	S056 -- 4F		
SAE AA	2 Bolt	2.001	3.25	3/8-16			5.25	S056 -- 2AA		
SAE A	2(4) Bolt	3.251	4.19	3/8-16	4.12	3/8-16	5.25	S056 -- 2A		
SAE B	2(4) Bolt	4.001	5.75	1/2-13	5.00	1/2-13	7.00	S056 -- 2B		
SAE C	2(4) Bolt	5.001	7.12	5/8-11	6.38	1/2-13	8.25	S056 -- 2C		

TABLE 20 - NEMA 182TC - 256TC, 254UC/256UC

MOTOR END DATA		RADIAL CLEARANCE "Z" = 5.04							MOUNT NO.	(METRIC SIZES ALSO AVAILABLE)
AJ	BF	BD	AK	XAK	XAJ2	XBF2	XAJ4	XBF4		
7.25	17/32	9.00	8.501							
USA4F17	4 Bolt	1.782			2.84	5/16-18	5.25	S182 -- 4F		
SAE AA	2 Bolt	2.001	3.25	3/8-16			5.25	S182 -- 2AA		
SAE A	2(4) Bolt	3.251	4.19	3/8-16	4.12	3/8-16	5.25	S182 -- 2A		
SAE B	2(4) Bolt	4.001	5.75	1/2-13	5.00	1/2-13	7.00	S182 -- 2B		
SAE C	2(4) Bolt	5.001	7.12	5/8-11	6.38	1/2-13	8.25	S182 -- 2C		
SAE D	2(4) Bolt	6.001	9.00	3/4-10	9.00	3/4-10	10.50	S182 -- 2D		



**TABLE 21 - NEMA 284TC/TSC - 286TC/TSC, 284UC/286UC**

RADIAL CLEARANCE "Z" = 6.06

(METRIC SIZES ALSO AVAILABLE)

MOTOR END DATA								MOUNT NO.		
AJ	BF	BD	AK	XAK	XAJ2	XBF2	XAJ4	XBF4	XBD	
9.00	17/32	11.00	10.501							
SAE A	2(4) Bolt	3.251	4.19	3/8-16	4.12	3/8-16	7.00			S284 -- 2A
SAE B	2(4) Bolt	4.001	5.75	1/2-13	5.00	1/2-13	7.00			S284 -- 2B
SAE C	2(4) Bolt	5.001	7.12	5/8-11	6.38	1/2-13	8.25			S284 -- 2C
SAE D	2(4) Bolt	6.001	9.00	3/4-10	9.00	3/4-10	10.50			S284 -- 2D
SAE E	2(4) Bolt	6.501	12.50	1-8	12.50	3/4-10	15.00			S284 -- 2E
SAE F	2(4) Bolt	7.001	13.78	1-8	13.78	1-8	16.00			S284 -- 2F

PUMP FLANGE

PUMP END DATA

**TABLE 22 - NEMA 324TC/TSC - 405TC/TSC, 324UC/USC - 405UC/USC**

RADIAL CLEARANCE "Z" (See Below)

(METRIC SIZES ALSO AVAILABLE)

MOTOR END DATA								Z	MOUNT NO.	
AJ	BF	BD	AK	XAK	XAJ2	XBF2	XAJ4	XBF4	XBD	
11.00	21/32	14.00	12.501							
SAE A	2(4) Bolt	3.251	4.19	3/8-16	4.12	3/8-16	9.25	7.98		S324 -- 2A
SAE B	2(4) Bolt	4.001	5.75	1/2-13	5.00	1/2-13	9.25	7.98		S324 -- 2B
SAE C	2(4) Bolt	5.001	7.12	5/8-11	6.38	1/2-13	9.25	7.98		S324 -- 2C
SAE D	2(4) Bolt	6.001	9.00	3/4-10	9.00	3/4-10	10.50	7.98		S324 -- 2D
SAE E	2(4) Bolt	6.501	12.50	1-8	12.50	3/4-10	15.00	7.98		S324 -- 2E
SAE F	2(4) Bolt	7.001	13.78	1-8	13.78	1-8	16.00	9.00		S324 -- 2F

PUMP FLANGE

PUMP END DATA

**TABLE 23 - NEMA 444TC/TSC - 449TC/TSC, 444UC/TSC - 445UC/USC**

RADIAL CLEARANCE "Z" = 10.02

(METRIC SIZES ALSO AVAILABLE)

MOTOR END DATA								MOUNT NO.		
AJ	BF	BD	AK	XAK	XAJ2	XBF2	XAJ4	XBF4	XBD	
14.00	21/32	17.00	16.001							
SAE A	2(4) Bolt	3.251	4.19	3/8-16	4.12	3/8-16	11.25			S444 -- 2A
SAE B	2(4) Bolt	4.001	5.75	1/2-13	5.00	1/2-13	11.25			S444 -- 2B
SAE C	2(4) Bolt	5.001	7.12	5/8-11	6.38	1/2-13	11.25			S444 -- 2C
SAE D	2(4) Bolt	6.001	9.00	3/4-10	9.00	3/4-10	11.25			S444 -- 2D
SAE E	2(4) Bolt	6.501	12.50	1-8	12.50	3/4-10	15.00			S444 -- 2E
SAE F	2(4) Bolt	7.001	13.78	1-8	13.78	1-8	16.00			S444 -- 2F

PUMP FLANGE

PUMP END DATA