

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 2. 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.

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 5. 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
AJ BF BD AK
5.88 7.16 6.81 4.501

RADIAL CLEARANCE "Z" = 4.03

(METRIC SIZES ALSO AVAILABLE)

		XAK	XAJ2	XBF2	XAJ4	XBF4	XBD	MOUNT NO.
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

PUMP FLANGE PUMP END DATA

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

MOTOR END DATA
AJ BF BD AK
7.25 17.32 9.00 8.501

RADIAL CLEARANCE "Z" = 5.04

(METRIC SIZES ALSO AVAILABLE)

		XAK	XAJ2	XBF2	XAJ4	XBF4	XBD	MOUNT NO.
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

PUMP FLANGE PUMP END DATA

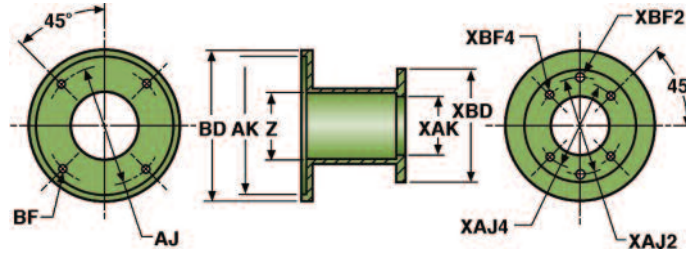


TABLE 21 - NEMA 284TC/TSC - 286TC/TSC, 284UC/286UC

MOTOR END DATA
AJ BF BD AK
9.00 17/32 11.00 10.501

RADIAL CLEARANCE "Z" = 6.06

(METRIC SIZES ALSO AVAILABLE)

		XAK	XAJ2	XBF2	XAJ4	XBF4	XBD	MOUNT NO.
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

MOTOR END DATA
AJ BF BD AK
11.00 21/32 14.00 12.501

RADIAL CLEARANCE "Z" (See Below)

(METRIC SIZES ALSO AVAILABLE)

		XAK	XAJ2	XBF2	XAJ4	XBF4	XBD	Z	MOUNT NO.
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/USC - 445UC/USC

MOTOR END DATA
AJ BF BD AK
14.00 21/32 17.00 16.001

RADIAL CLEARANCE "Z" = 10.02

(METRIC SIZES ALSO AVAILABLE)

		XAK	XAJ2	XBF2	XAJ4	XBF4	XBD	MOUNT NO.
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