MAGNALOY'S WELDED STEEL ENGINE MOUNTS are available for all engine pilot size configurations in addition to the 4 basic sizes listed. Metric pump flanges are also available, consult factor for special requirements. To select a welded steel pump/engine mount, follow the selection method detailed on page 24. The length determined will be the minimum length recommended, additional length can be added depending upon coupling selection, consult factory for further assistance.

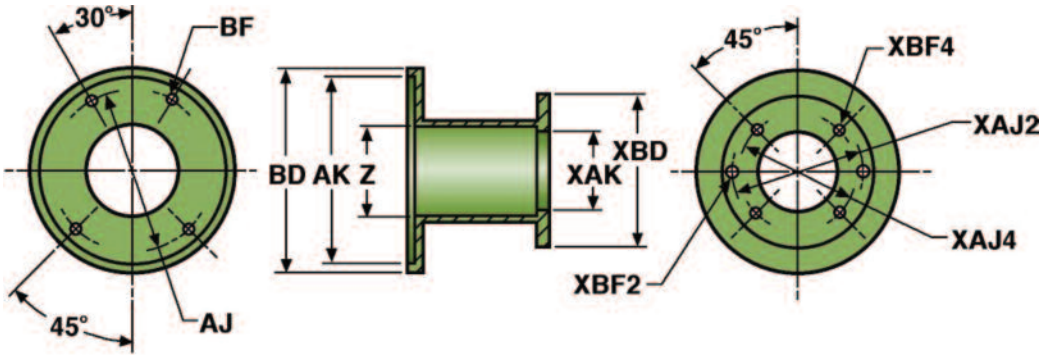

TABLE 29 - E575 Pilot Gasoline and Diesel Engines

ENGINE END DATA — AJ 6.00, BF 13/32, AK 7.50, 5.752

RADIAL CLEARANCE "Z" = 4.03

(METRIC SIZES ALSO AVAILABLE)

PUMP FLANGE		PUMP END DATA						
		XAK	XAJ2	XBF2	XAJ4	XBF4	XBD	MOUNT NO.
USA4F17	4 Bolt	1.782			2.84	5/16-18	5.25	SE575 - - 4F
SAE AA	2 Bolt	2.001	3.25	3/8-16			5.25	SE575 - - 2AA
SAE A	2(4) Bolt	3.251	4.19	3/8-16	4.12	3/8-16	5.25	SE575 - - 2A
SAE B	2(4) Bolt	4.001	5.75	1/2-13	5.00	1/2-13	7.00	SE575 - - 2B

TABLE 30 - E644 Pilot Gasoline and Diesel Engines

ENGINE END DATA — AJ 7.75, BF 15/32, AK 9.00, 6.440

RADIAL CLEARANCE "Z" = 5.04

(METRIC SIZES ALSO AVAILABLE)

PUMP FLANGE		PUMP END DATA						
		XAK	XAJ2	XBF2	XAJ4	XBF4	XBD	MOUNT NO.
USA4F17	4 Bolt	1.782			2.84	5/16-18	5.25	SE644 - - 4F
SAE AA	2 Bolt	2.001	3.25	3/8-16			5.25	SE644 - - 2AA
SAE A	2(4) Bolt	3.251	4.19	3/8-16	4.12	3/8-16	5.25	SE644 - - 2A
SAE B	2(4) Bolt	4.001	5.75	1/2-13	5.00	1/2-13	7.00	SE644 - - 2B
SAE C	2(4) Bolt	5.001	7.12	5/8-11	6.38	1/2-13	8.25	SE644 - - 2C
SAE D	2(4) Bolt	6.001	9.00	3/4-10	9.00	3/4-10	10.50	SE644 - - 2D

TABLE 31 - E700 Pilot Gasoline and Diesel Engines

ENGINE END DATA
AJ BF AK
7.75 15/32 9.00 7.002

RADIAL CLEARANCE "Z" = 5.04

(METRIC SIZES ALSO AVAILABLE)

PUMP FLANGE		XAK	XAJ2	XBF2	XAJ4	XBF4	XBD	MOUNT NO.
USA4F17	4 Bolt	1.782			2.84	5/16-18	5.25	SE700 - - 4F
SAE AA	2 Bolt	2.001	3.25	3/8-16			5.25	SE700 - - 2AA
SAE A	2(4) Bolt	3.251	4.19	3/8-16	4.12	3/8-16	5.25	SE700 - - 2A
SAE B	2(4) Bolt	4.001	5.75	1/2-13	5.00	1/2-13	7.00	SE700 - - 2B
SAE C	2(4) Bolt	5.001	7.12	5/8-11	6.38	1/2-13	8.25	SE700 - - 2C
SAE D	2(4) Bolt	6.001	9.00	3/4-10	9.00	3/4-10	10.50	SE700 - - 2D
		PUMP END DATA						

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TABLE 32 - E787 Pilot Gasoline and Diesel Engines

ENGINE END DATA
AJ BF AK
9.25 21/32 11.00 7.877

RADIAL CLEARANCE "Z" = 6.06

(METRIC SIZES ALSO AVAILABLE)

PUMP FLANGE		XAK	XAJ2	XBF2	XAJ4	XBF4	XBD	MOUNT NO.
USA4F17	4 Bolt	1.782			2.84	5/16-18	5.25	SE787 - - 4F
SAE AA	2 Bolt	2.001	3.25	3/8-16			5.25	SE787 - - 2AA
SAE A	2(4) Bolt	3.251	4.19	3/8-16	4.12	3/8-16	5.25	SE787 - - 2A
SAE B	2(4) Bolt	4.001	5.75	1/2-13	5.00	1/2-13	7.00	SE787 - - 2B
SAE C	2(4) Bolt	5.001	7.12	5/8-11	6.38	1/2-13	8.25	SE787 - - 2C
SAE D	2(4) Bolt	6.001	9.00	3/4-10	9.00	3/4-10	10.50	SE787 - - 2D
		PUMP END DATA						

Magnaloy's Product Configurator Program: ***This unique computer program allows the user to input the pump manufacturer and model number and motor size. The correct Magnaloy Coupling and Horizontal or Vertical Pump/Motor Mount size is determined. If Magnaloy does not offer an Aluminum mount to fit the input parameters, a steel mount is selected showing the minimum and maximum face-to-face length required. Motor selection includes NEMA motor frames, IEC motor frames and IC Engines. IC Engines are selected by manufacturer and model number.***

Consult your Magnaloy Distributor for Magnaloy's Product CD ROM which includes the Magnaloy Pump/Motor Mount Selection Program.....for easy, fast and accurate computerized pump mount selection.

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