

## **APPENDIX B**

# **EXISTING PUMP AND MOTOR DATA**



PHASE | VOLTS | APPRX. WT. LBS

\* OVER 1200 RPM REFER TO FACTORY ALL DIMENSIONS ARE IN INCHES

PUMP	FRAME	SUCT	DISCH	A	CP <sub>1</sub>	CP <sub>2</sub>	E	G	H	J	N	VD	VS	VY	X	HANDHOLE		NPT CONN. SIZE			APPROX WEIGHT OF PUMP ONLY LBS.
																CSG	ELB	①	③	④	
6MFY-17	5A	8	6	30.00	26.52	56.99	12.00	1.50	1	5.33	3.35	30.47	16.73	9.00	19.88	3 x 6	6 DIA	3/4	3/4	1180	
6MFY-17	5A	10	6	30.00	26.52	56.99	12.00	1.50	1	5.33	3.35	30.47	18.73	11.00	19.88	3 x 6	6 DIA	3/4	3/4	1205	
6MFY-17	6A	8	6	30.00	31.87	62.34	12.00	1.50	1	5.33	4.49	30.47	16.73	9.00	19.88	3 x 6	6 DIA	3/4	3/4	1250	
6MFY-17	6A	10	6	30.00	31.87	62.34	12.00	1.50	1	5.33	4.49	30.47	18.73	11.00	19.88	3 x 6	6 DIA	3/4	3/4	1275	
6MFY-18	5A	8	6	30.00	25.89	55.73	12.00	1.50	1	5.33	3.35	29.84	15.94	9.00	20.00	5 DIA	6 DIA	3/4	3/4	1205	
6MFY-18	5A	10	6	30.00	25.89	55.73	12.00	1.50	1	5.33	3.35	29.84	17.94	11.00	20.00	5 DIA	6 DIA	3/4	3/4	1230	
6MFY-18 *	6A	8	6	30.00	31.24	61.08	12.00	1.50	1	5.33	4.49	29.84	15.94	9.00	20.00	5 DIA	6 DIA	3/4	3/4	1280	
6MFY-18 *	6A	10	6	30.00	31.24	61.08	12.00	1.50	1	5.33	4.49	29.84	17.94	11.00	20.00	5 DIA	6 DIA	3/4	3/4	1305	
8MFY-13	4A	8	8	30.00	23.36	53.26	12.00	1.50	1	5.33	2.91	29.90	15.35	9.00	19.00	4 DIA	6 DIA	3/4	3/4	1020	
8MFY-13	4A	10	8	30.00	23.36	53.26	12.00	1.50	1	5.33	2.91	29.90	17.35	11.00	19.00	4 DIA	6 DIA	3/4	3/4	1045	
8MFY-13	5A	8	8	30.00	27.53	57.43	12.00	1.50	1	5.33	3.35	29.90	15.35	9.00	19.00	4 DIA	6 DIA	3/4	3/4	1095	
8MFY-13	5A	10	8	30.00	27.53	57.43	12.00	1.50	1	5.33	3.35	29.90	17.35	11.00	19.00	4 DIA	6 DIA	3/4	3/4	1120	
8MFY-14	4A	8	8	30.00	23.21	53.64	12.00	1.50	1	5.33	2.91	30.43	15.86	9.00	19.00	4 DIA	6 DIA	3/4	3/4	1020	
8MFY-14	4A	10	8	30.00	23.21	53.64	12.00	1.50	1	5.33	2.91	30.43	17.86	11.00	19.00	4 DIA	6 DIA	3/4	3/4	1045	
8MFY-14	5A	8	8	30.00	27.38	57.81	12.00	1.50	1	5.33	3.35	30.43	15.86	9.00	19.00	4 DIA	6 DIA	3/4	3/4	1095	
8MFY-14	5A	10	8	30.00	27.38	57.81	12.00	1.50	1	5.33	3.35	30.43	17.86	11.00	19.00	4 DIA	6 DIA	3/4	3/4	1120	
8MFY-18	6A	8	8	35.50	32.56	67.49	14.50	2.00	1 1/8	5.96	4.49	34.93	16.73	9.00	22.32	5 DIA	6 DIA	3/4	3/4	1665	
8MFY-18	6A	10	8	35.50	32.56	67.49	14.50	2.00	1 1/8	5.96	4.49	34.93	18.73	11.00	22.32	5 DIA	6 DIA	3/4	3/4	1690	
8MFY-18	7A	8	8	35.50	39.04	73.97	14.50	2.00	1 1/8	5.96	5.12	34.93	16.73	9.00	22.32	5 DIA	6 DIA	3/4	3/4	1925	
8MFY-18	7A	10	8	35.50	39.04	73.97	14.50	2.00	1 1/8	5.96	5.12	34.93	18.73	11.00	22.32	5 DIA	6 DIA	3/4	3/4	1950	
10MFY-16	5A	10	10	35.50	27.08	61.85	14.50	2.00	1 1/8	5.96	3.35	34.77	18.92	11.00	25.00	5 DIA	8 DIA	3/4	3/4	1435	
10MFY-16	5A	12	10	35.50	27.08	61.85	14.50	2.00	1 1/8	5.96	3.35	34.77	19.92	12.00	25.00	5 DIA	8 DIA	3/4	3/4	1485	
10MFY-16	6A	10	10	35.50	32.62	67.39	14.50	2.00	1 1/8	5.96	4.49	34.77	18.92	11.00	25.00	5 DIA	8 DIA	3/4	3/4	1515	
10MFY-16	6A	12	10	35.50	32.62	67.39	14.50	2.00	1 1/8	5.96	4.49	34.77	19.92	12.00	25.00	5 DIA	8 DIA	3/4	3/4	1560	
10MFY-21	6A	10	10	35.50	32.38	67.43	14.50	2.00	1 1/8	5.96	4.49	35.05	20.11	11.00	26.18	6 DIA	8 DIA	3/4	3/4	2095	
10MFY-21	6A	12	10	35.50	32.38	67.43	14.50	2.00	1 1/8	5.96	4.49	35.05	21.11	12.00	26.18	6 DIA	8 DIA	3/4	3/4	2145	
10MFY-21	7A	10	10	35.50	38.66	73.71	14.50	2.00	1 1/8	5.96	5.12	35.05	20.11	11.00	26.18	6 DIA	8 DIA	3/4	3/4	2355	
10MFY-21	7A	12	10	35.50	38.66	73.71	14.50	2.00	1 1/8	5.96	5.12	35.05	21.11	12.00	26.18	6 DIA	8 DIA	3/4	3/4	2405	
10MFY-21C	6A	10	10	35.50	32.38	67.43	14.50	2.00	1 1/8	5.96	4.49	35.05	20.11	11.00	26.18	5.75	8 DIA	3/4	3/4	2045	
10MFY-21C	6A	12	10	35.50	32.38	67.43	14.50	2.00	1 1/8	5.96	4.49	35.05	21.11	12.00	26.18	DIA	8 DIA	3/4	3/4	2095	
10MFY-21C	7A	10	10	35.50	38.66	73.71	14.50	2.00	1 1/8	5.96	5.12	35.05	20.11	11.00	26.18	5.75	8 DIA	3/4	3/4	2305	
10MFY-21C	7A	12	10	35.50	38.66	73.71	14.50	2.00	1 1/8	5.96	5.12	35.05	21.11	12.00	26.18	DIA	8 DIA	3/4	3/4	2355	

CUSTOMER MAGER DRIVE PUMPING STATION CUSTOMERS ORDER 681235 QUOTE# 1048-96

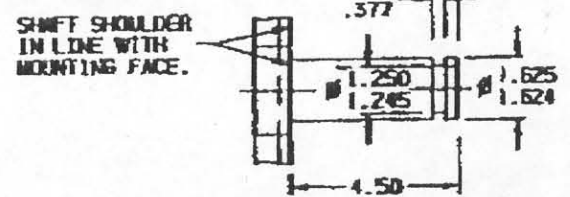
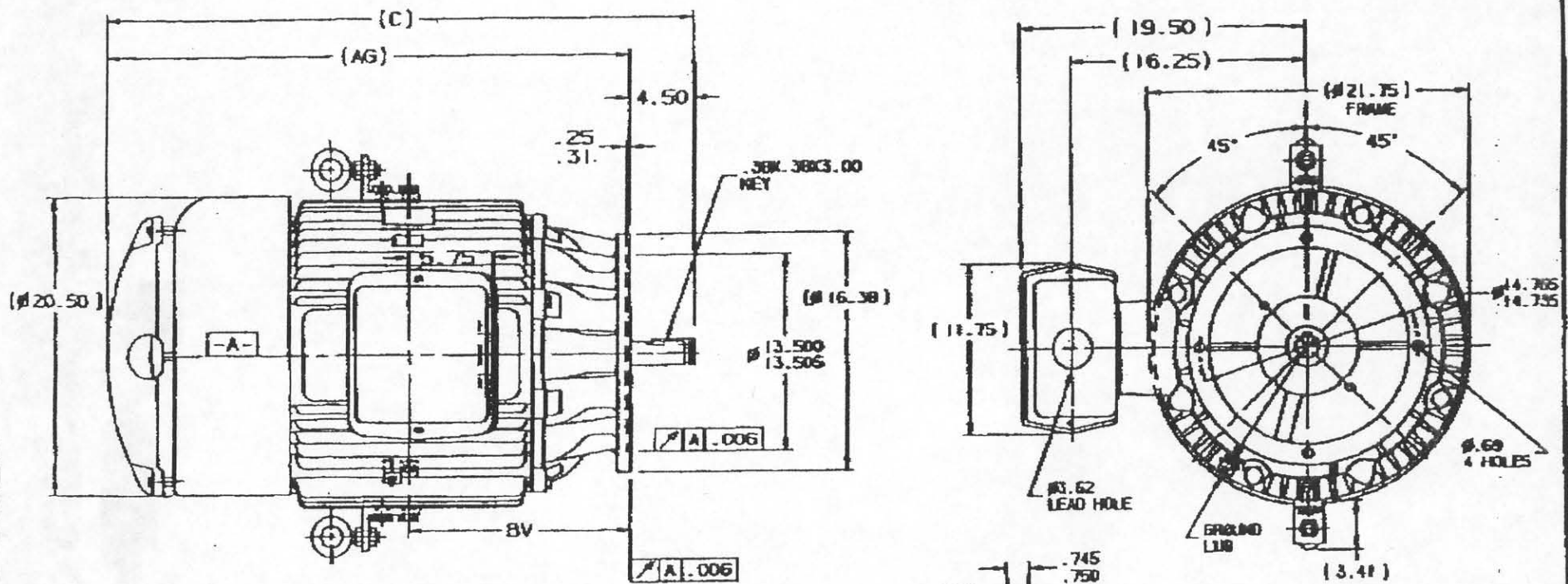
DISTRICT OFFICE 14763 OUR SHOP ORDER \_\_\_\_\_ CERTIFIED BY \_\_\_\_\_ DATE \_\_\_\_\_

THIS PRINT IS LOANED SUBJECT TO RETURN ON DEMAND AND UNDER CONDITION THAT IT IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO OUR INTEREST. DO NOT SCALE. ADDITIONAL DIMENSIONS WILL BE FURNISHED UPON REQUEST. THIS PRINT IS FOR PRELIMINARY USE UNLESS ABOVE SPACES ARE FILLED. DIMENSIONS ARE FROM DRAWINGS. CASTINGS MAY VARY SLIGHTLY. FOUNDATION BOLTS MUST NOT BE FIXED RIGIDLY UNTIL MACHINE IS IN PLACE.

MEMBER

DRESSER PUMP DIVISION DRESSER INDUSTRIES INC

B-55508404



NOTE:  
MAX. SHAFT RUNOUT .003  
MAX. SHAFT END PLAY .015.

NOTES:

1. BOX CAN BE ROTATED IN 90° STEPS
2. BOX CAN BE MOUNTED ON OPPOSITE SIDE BY REMOVING BRACKETS AND TURNING FRAME 180°
3. NAMEPLATES TO BE READ FROM SHAFT EXT. END OF MOTOR

DASH	FRAME	C	AG	BV
1675	400HP	40.69	36.19	15.00

3	3/3/73	DESIGNED BY CAD	DB	400HP FR. -TEFC-MNT	OUTLINE "P" BASE	DISTRIBUTION - BR - LR - WP - LM	CADD FILE NO. 55508404	<input checked="" type="checkbox"/> SURFACE FINISH UNLESS SHOWN OTHERWISE UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOL. ON DIM. .02 UNLESS SHOWN OTHERWISE
								DATE SPEC DRAWN CHECKED APPROVED MARATHON MILWAUKEE, WISCONSIN 53404
REV	DATE	CHANGE	PURCHASED	DESTROYED	DATE	BY	NO.	DD 4-28-83 ML 4-28-83 TB 4-28-83

MAGER DRIVE PUMPING STATION  
 QUOTE NO. 1048-96  
 IDP MODEL 10FV-16 C/W MARATHON 75 HP/1200 RPM MOTOR  
 P.O. 681235  
 DATE: JULY 3, 1996