

QUOTATION



No. 103936

THE DURIRON COMPANY INC.
SERVES THE PROCESS INDUSTRIES
DAYTON, OHIO 45401

PLEASE MENTION THIS NUMBER
WHEN ORDERING

TO: ASARCO Inc.
120 Broadway
New York, New York 10005

ATTN: Mr. W. A. Bennis, Dir. Purchases

SUBJECT: Inq. CE 76-EP-58 (E) Alternate

ISSUED AT: 34 Florence St.
S. Hackensack
New Jersey 07601
201 489 4200

DATE: Jan. 28, 1977

PAGE 1 OF 1

WE PROPOSE TO FURNISH THE FOLLOWING:

Gentlemen:

Thank you for your interest in Durcopumps. We are very pleased with the opportunity to provide you with a Durco proposal.

Please note that we are taking exception to the Incolloy 825 bolts and nuts. We are offering 316 SS as our standard. All pumps are quoted at 1750 RPM with Durcomet 100 (CD4M) wet end construction. The Therma-Sentry for the motor has been shown as an add on.

Our terms are net 30 days, F.O.B. and shipping points are Dayton, Ohio. Delivery is 12-14 weeks after receipt of order or approval drawings, if required.

If you have any questions, please do not hesitate to contact this writer.

Sincerely,

THE DURIRON CO., INC.

John G. Shearer

JGS/yyg
Attach.

RECEIVED

FEB 7 1977

W.R. KELLY
P.A. LeSANTIS

PLAINTIFF'S EXHIBIT

ASA-1194

SUBJECT TO ADDITIONAL TERMS AND CONDITIONS ON REVERSE SIDE

ASARCO ELP 0001938

DURCOPUMP PROPOSAL

THE DURIEN CO., INC., DAYTON, OHIO

TO: ASARCO INC.	PECE 76-EP-52 (E) ALT			QUOTE HORIZ. TH.
LOCATION: 120 BRANDENH	NY	NY	5	DATE: 1/12/76
Item Number	2250, 26, 51, 54, 57, 60	70571 & 72	70537 & 38	90315 & 12
No. of Units	6	2	2	2
Liquid Pumped	H₂O, 2% H₂SO₄	H₂O, 2% H₂SO₄	H₂O, 2% H₂SO₄	H₂O, 2% H₂SO₄
Description (Slurry, Etc.)	2000 1 1/4 Solids	2000 1 1/4 Solids	2000 1 1/4 Solids	2000 1 1/4 Solids
Temperature Suc. Press	120°F 4	120°F 4	130°F 4	130°F 4
S.G. Viscosity	1.15 1	1.15	1.15 1	1.15 1
Performance - GPM	620	125	35	60
TDH - Req'd. Off'd. H.T.	65 : 65	40 42	70 : 70	100
NPSH - Avail. Req'd. H.T.	12	2	< 1	< 1
BHP - Op. Cond. Max.	16.1 : 17.8	2.5 3.2	2.1 : 2.70	4.8 7.6
Curve Number	M II 7600 AV	M II 720.2 AV	M II 3002 AV	M II 720.2 AV
Pump Series	1x3-10H / 9.7	3x2-7 / 70	2x1-10 / 3.6	3x2-10 / 1.5
Alloy - Casing	D100	D100	D100	D100
Rear Cover	D100	D100	D100	D100
Impeller	D100	D100	D100	D100
Shaft Sleeve	DCE	DCE	DCE	DCE
Size - Suction x Discharge	4 X 3	3 X 2	2 X 1	3 X 2
Impeller Dia. - Offered Max.	9 1/2 - 10	70 - 70	8 3/4 - 10	9 1/2 - 10
Special Features				
Baseplate Number Mat'l	53 STL	52 STL	52 STL	52 STL
Coupling - Mfg. - Size	WILDS 5CB	5CS	5CS	5CG
Optional Coupling				
Coupling Guard	CSHA STL	STL	STL	STL
Mechanical Seal - Mir. - Type	GRAVE Type 4	SAFME	SAFME	SAFME
Code - Int. or Ext. (Single or Dbl.)	G/XF31-1C1			
Metal Parts	Alloy 20			
Seal Ring	Carbon			
Seal - Mtg.	Ceramic	D-20	D-20	D-20
Shaft Pkg.	Viton			
Gland - Alloy - Mir. - Type	DURCO D-20			
Std. Packing	Asbestos - TFE	Asbestos - TFE	Asbestos - TFE	Asbestos - TFE
Motor - HP RPM	20 1750	5 1750	3 1750	10 1750
Frame	256 T	184 T	182 T	215 T
Ph Cycle Volts	3 60 460	3 60 460	3 60 460	3 60 460
Type	U.S. MC 10RS	CORRO DUTY	CORRO DUTY	CORRO DUTY
	SF 1.15	1.15 SF	1.15 SF	1.15 SF
Net Prices - Pump, Base, Cplg & Guard	\$	\$	\$	\$
Mechanical Seal				
Motor				
Total Unit - Price	\$ 2124	\$ 1235	\$ 1170	\$ 1523
Optional: Thermal Sentry	\$ 195	\$ 175	\$ 195	\$ 195
Shipment - Weeks (Approx.)	12-14	12-14	12-14	12-14
Total Unit Wt. - Lb.	749	411	415	511

DURCOPUMP PROPOSAL

THE DURIRON CO., INC., DAYTON, OHIO

TO: <u>ASARCO INC.</u>		RE: <u>CE 76-EP-53(E) ALT</u>		QUOTE <u>HORIZONTAL</u>	
LOCATION: <u>120 BRADWAY NY NY 10005</u>				DATE <u> </u>	
				PAGE <u>2</u> OF <u>2</u>	
Item Number	<u>20215 & 16</u>	<u>70603 & 04</u>			
No. of Units	<u>2</u>	<u>2</u>			
Liquid Pumped	<u>WATER WITH SOLIDS</u>	<u>WATER WITH SOLIDS</u>			
Description (Slurry, Etc.)	<u>2000 1/2" SOLIDS</u>	<u>2000 1/2" SOLIDS</u>			
Temperature/Suc. Press	<u>APIB 1 4'</u>	<u>100°F 1 4'</u>			
S.G./Viscosity	<u>1.15 1</u>	<u>1.15 1</u>			
Performance - GPM	<u>140</u>	<u>70</u>			
TDH-Req'd. Off'd (FT)	<u>15 1 22</u>	<u>65 1 71</u>			
NPSH-Avail. Req'd (FT)	<u>1 1 5</u>	<u>4 1 2</u>			
BHP-Op. Cond. Max.	<u>1.6 1 1.7</u>	<u>4.5 1 4.65</u>			
Curve Number	<u>M II 7102 AV</u>	<u>M II 8002 AV</u>			
Pump Series	<u>3 X 1 1/2 - 6 / 60</u>	<u>2 X 1 - 10 / 10</u>			
Alloy - Casing	<u>D100</u>	<u>D100</u>			
Rear Cover	<u>D100</u>	<u>D100</u>			
Impeller	<u>D100</u>	<u>D100</u>			
Shaft Sleeve	<u>DCE 1</u>	<u>DCE 1</u>			
Size - Suction x Discharge	<u>3 X 1 1/2</u>	<u>2 X 1</u>			
Impeller Dia. - Offered Max.	<u>6" - 6"</u>	<u>10" - 10"</u>			
Special Features:					
Baseplate Number/Mat'l	<u>50 1 STL</u>	<u>52 1 STL</u>			
Coupling - Mfg. - Size	<u>WOODS 504J</u>	<u>505</u>			
Optional Coupling					
Coupling Guard	<u>OSHA 57L</u>	<u>57L</u>			
Mechanical Seal-Mfr.-Type	<u>CRAVE Type 4</u>				
Code-Int. or Ext. (Single or Dblt)	<u>Q/X F31 1C1</u>				
Metal Parts	<u>Alloy 20</u>				
Seal Ring	<u>Carbon</u>				
Seat - Mtg.	<u>Ceramic</u>				
Shaft Pkg.	<u>VITON</u>				
Gland-Alloy-Mfr.-Type	<u>DURCO D-20</u>	<u>D-20</u>			
Std. Packing	<u>Asbestos - TFE</u>	<u>Asbestos - TFE</u>			
Motor-HP RPM	<u>2 1 1750</u>	<u>5 1 1750</u>			
Frame	<u>145T</u>	<u>145T</u>			
Pt. Cycle/Volts	<u>3:60 1 460</u>	<u>3:60 1 460</u>			
Type	<u>U.S. MOTORS</u>	<u>CORRO DUTY</u>			
Net Prices - Pump, Base, Cplg. & Guard	<u>\$ 1015 SF</u>	<u>1015</u>			
Mechanical Seal					
Motor					
Total Unit - Price	<u>\$ 973</u>	<u>\$ 1271</u>			
Optional: <u>Therma-Sentry</u>	<u>\$ 195</u>	<u>\$ 195</u>			
Shipment - Weeks (Approx.)	<u>12-14</u>	<u>12-14</u>			
Total Unit Wt. - Lb					

DURCO MARK II PUMPS Group II Dimension Drawings

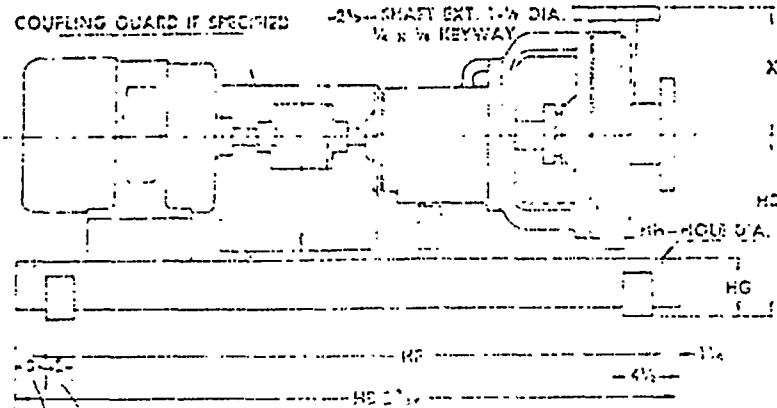
90355 154 157 158 13" IMPELLERS & 10K-150" FLANGE

157 160

4" GROUT HOLE LOCATED
UNDER COUPLING

COUPLING GUARD IF SPECIFIED

2 1/2" SHAFT EXT. 1 1/4" DIA.
1/4" X 1/4" KEYWAY

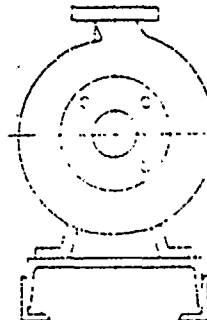


REF. TYP.

Conf. ed

By

D5 D6



HE HE

HA

Standard Sizes

Std. Pump	Std. Suct. No.	Std. Dis. Size	X	D	D1	D2	D3	D4	D5	D6	D7	Bore Pump Vt.
4 x 3-10H	A40A	4	3	12 1/2	10	7	1 1/2	2	1 1/2	6 1/2	8 1/2	249
3 x 1 1/2-13A20	A30	3	2	11 1/2	10	7 1/2	1 1/2	1 1/2	1 1/2	8 1/2	8 1/2	250
3 x 2-13	A30	3	2	11 1/2	10	7 1/2	1 1/2	1 1/2	1 1/2	8 1/2	8 1/2	253
4 x 3-13	A40	4	3	12 1/2	10	8	1 1/2	2	1 1/2	6 1/2	9 1/2	261
6 x 4-13A	A80	6	4	13 1/2	10	8 1/2	2 1/2	1 1/2	9	10 1/2	—	344

Baseplate Dimensions

Baseplate	Max. Motor Frame	HD	HA	HB	HE	HF	HG (Max.)	HA	WL
52	215T 215	13 1/2	12	45	4 1/2	42 1/2	3 1/2	1 1/2	115
53	284T 285T	14 1/2	15	52	6	49 1/2	4 1/2	1 1/2	178
54	326T 326U 365T 365U	14 1/2	16	56	7 1/2	55 1/2	4 1/2	1	234
55	404T 404TS 404US 405TS 405US 444US 444TS 444US	15	18	60	7 1/2	57 1/2	4 1/2	1	304
56	404T 404TS 404US 405TS 405US 444TS 444US 445US	15	18	61 1/2	7 1/2	59 1/2	4 1/2	1	312

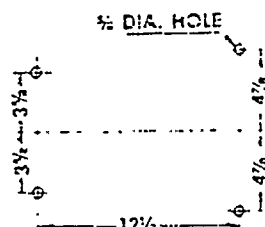
Flange Drilling

Size	No.	Size	B.C.
1 1/2	4	5/8	3 3/4
2	4	3/4	4 1/2
3	4	3/4	6
4	8	3/4	7 1/2
6	8	7/8	9 1/2

Optional Connections

Item	Part
I	Casing Drain
II	Suction Nozzle Gage Connection
III	Discharge Nozzle Gage Connection
IV	Auxiliary Connection
VI	Flush Connection for Mechanical Seal
VII	Bottom Tap in Stuffing Box

Bore Pump Mounting Holes

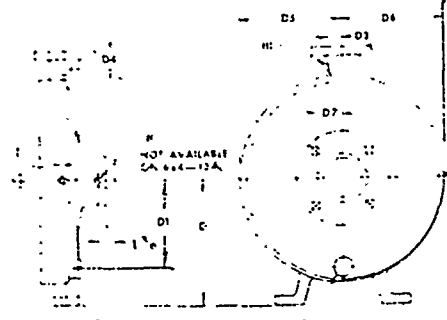


Optional Features

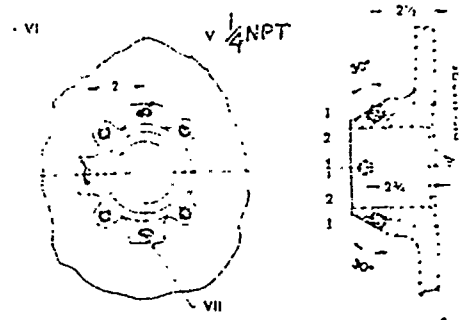
Jacketed Cover* (P-1021-1)
Jacketed Box* (P-1021-2)
Jacketed Casing* (P-1021-3)
Jacketed Brg. Hsg.* (P-1021-4)
Combined Jacketed Cover & S.B.* (P-1021-5)
Special Baseplate* (P-1021-6)

*Separate Drawing Attached When Applicable

Standard Casing



Stuffing Box

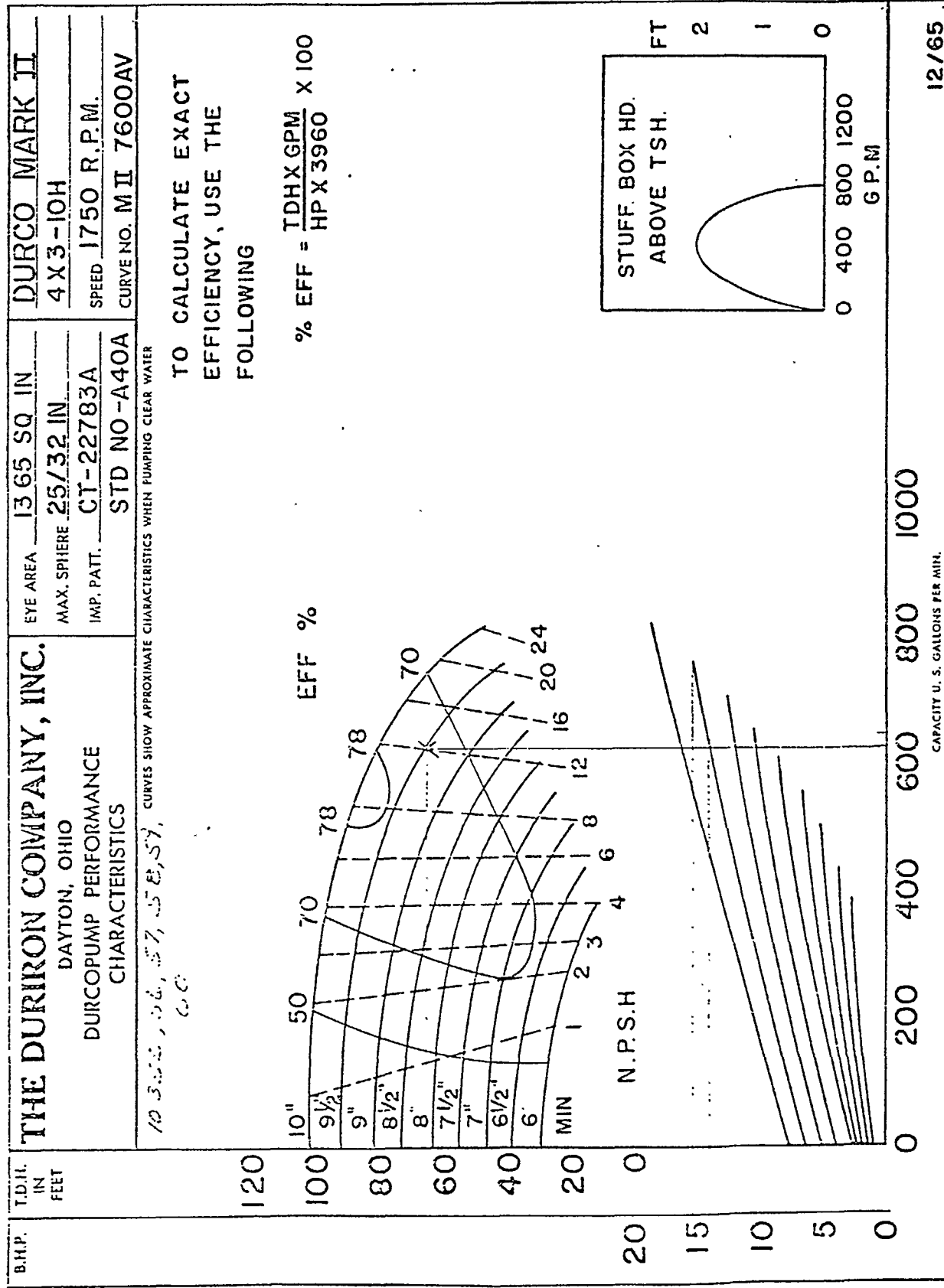


THE DURCO COMPANY INC., DAYTON, OHIO

Printed in U.S.A.

Dimension Drawing P-10-314

ASARCO ELP 0001941



Form No. 62-2331

12/65

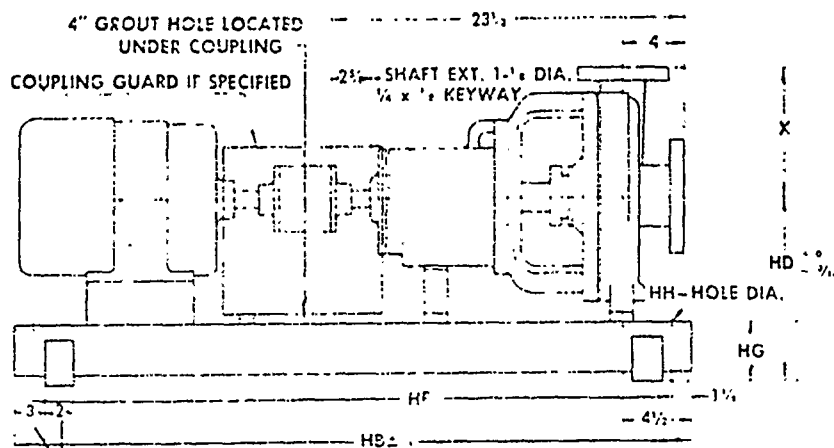
DURCO MARK II PUMPS Group II (7" & 10")

90371 # 72-

Dimension Drawing P-10-312 a

Certified: _____

By: _____



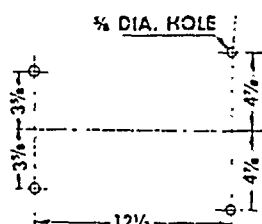
APPROX.
Pump Dimensions & Weights

Std. Pump	Std. No.	Suct. Size	Dis. Size	X	D1	D2	D3	D4	D5	D6	D7	D8	Bare Pump Wt.
3 x 2-7	A101	3	2	8 1/2	4 1/2	1 1/2	1 1/2	1 1/2	5 1/2	5 1/2	2 1/2	1 1/2	185
2 x 1-10	A05	2	1	8 1/2	5 1/2	1 1/2	1 1/2	1 1/2	6 1/2	6 1/2	1 1/2	1 1/2	210
3 x 1 1/2-10	A50	3	1 1/2	8 1/2	5 1/2	1 1/2	1 1/2	1 1/2	6 1/2	6 1/2	2 1/2	1 1/2	200
3 x 2-10	A60	3	2	9 1/2	5 1/2	1 1/2	1 1/2	1 1/2	6 1/2	6 1/2	2 1/2	1 1/2	206
4 x 3-10	A70	4	3	11	6 1/2	1 1/2	1 1/2	1 1/2	6 1/2	6 1/2	2 1/2	1 1/2	225

Flange Drilling

Size	150#			300#		
	No.	Size	E.C.	No.	Size	E.C.
1	4	5/8	3 1/8	4	3/4	3 1/2
1 1/2	4	5/8	3 3/8	4	7/8	4 1/2
2	4	3/4	4 1/2	8	3/4	5
3	4	3/4	6	8	7/8	6 1/2
4	8	3/4	7 1/2	8	1	7 1/2

Bare Pump Mounting Holes



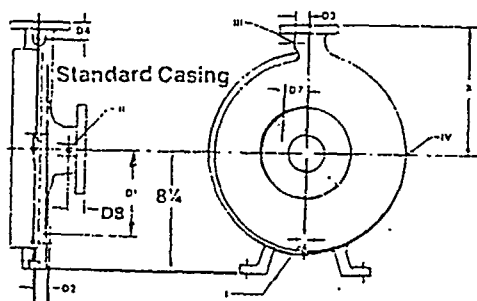
Optional Features *

Jacketed Cover (P-1021-1)
Jacketed Box (P-1021-2)
Combined Jacketed Cover & S.B 3 x 2-7 only (P-1021-4)
Jacketed Casing
Jacketed Brg. Hsg. (P-1021-4)
Special Baseplate

* Separate Drawing Attached
When Applicable

Optional Connections

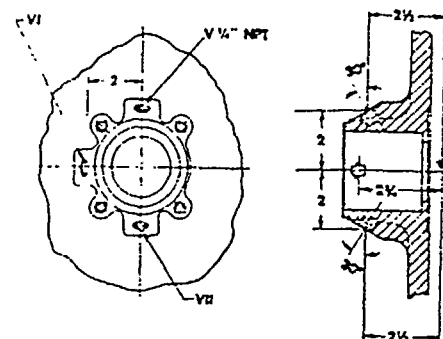
Item	Part
I	Casing Drain
II	Suction Nozzle Gage Connection
III	Discharge Nozzle Gage Connection
IV	Auxiliary Connection
VI	Back Drilled Seal Flush Connection
VII	Bottom Tap in Stuffing Box



Baseplate Dimensions & Weights

Baseplate	Max. Motor Frame	HD	HA	HE	HF	HC (Max.)	HH	W.
52	215T 215	12	12	45	41 1/2	42 1/2	3 1/4	11
53	284T 285T	12 1/2	15	52	6	49 1/2	4 1/2	17
54	326T 326U	13	18	59	7 1/2	55 1/2	4 3/4	23
	365T 365U	14						
55	404T 404TS 404US	15	18	60	7 1/2	57 1/2	4 3/4	30
	405TS 405US	15						
	444US	16						

Stuffing Box



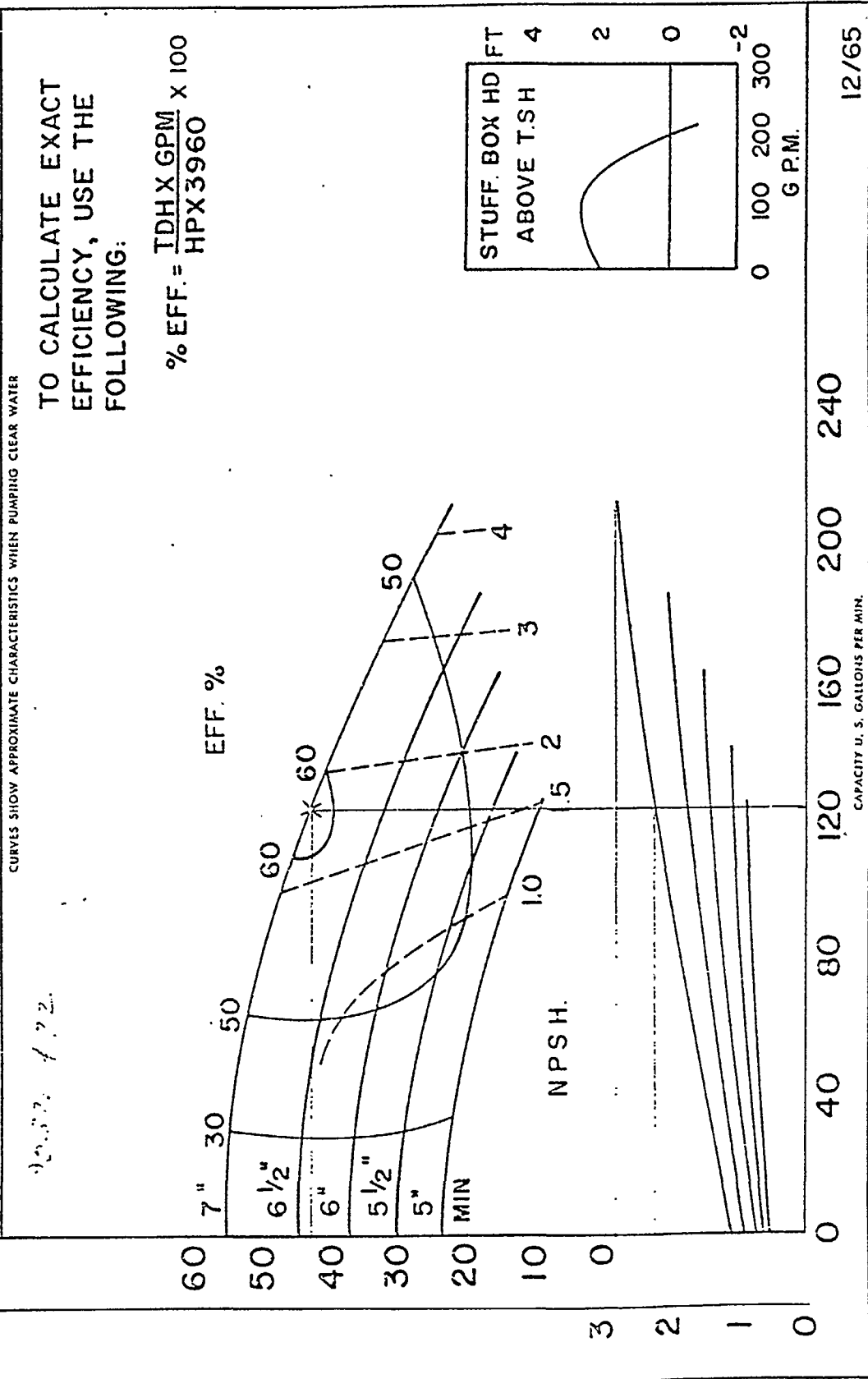
THE DURIRON COMPANY INC., DAYTON, OHIO

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THE WHITE COPY WILL REPRODUCE BY DIAZO PROCESS

ASARCO ELP 0001943

THE DURIRON COMPANY, INC. DAYTON, OHIO DURCOPUMP PERFORMANCE CHARACTERISTICS		EYE AREA <u>7.90 SQ. IN.</u> MAX. SPHERE <u>9/16 IN.</u> IMP. PATT. <u>BT-22777B</u> STD NO <u>-A10</u>	DURCO MARK II <u>3 X 2-7</u> SPEED <u>1750 R P M</u> CURVE NO. <u>MI 7202AV</u>
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Form No. 67-2361

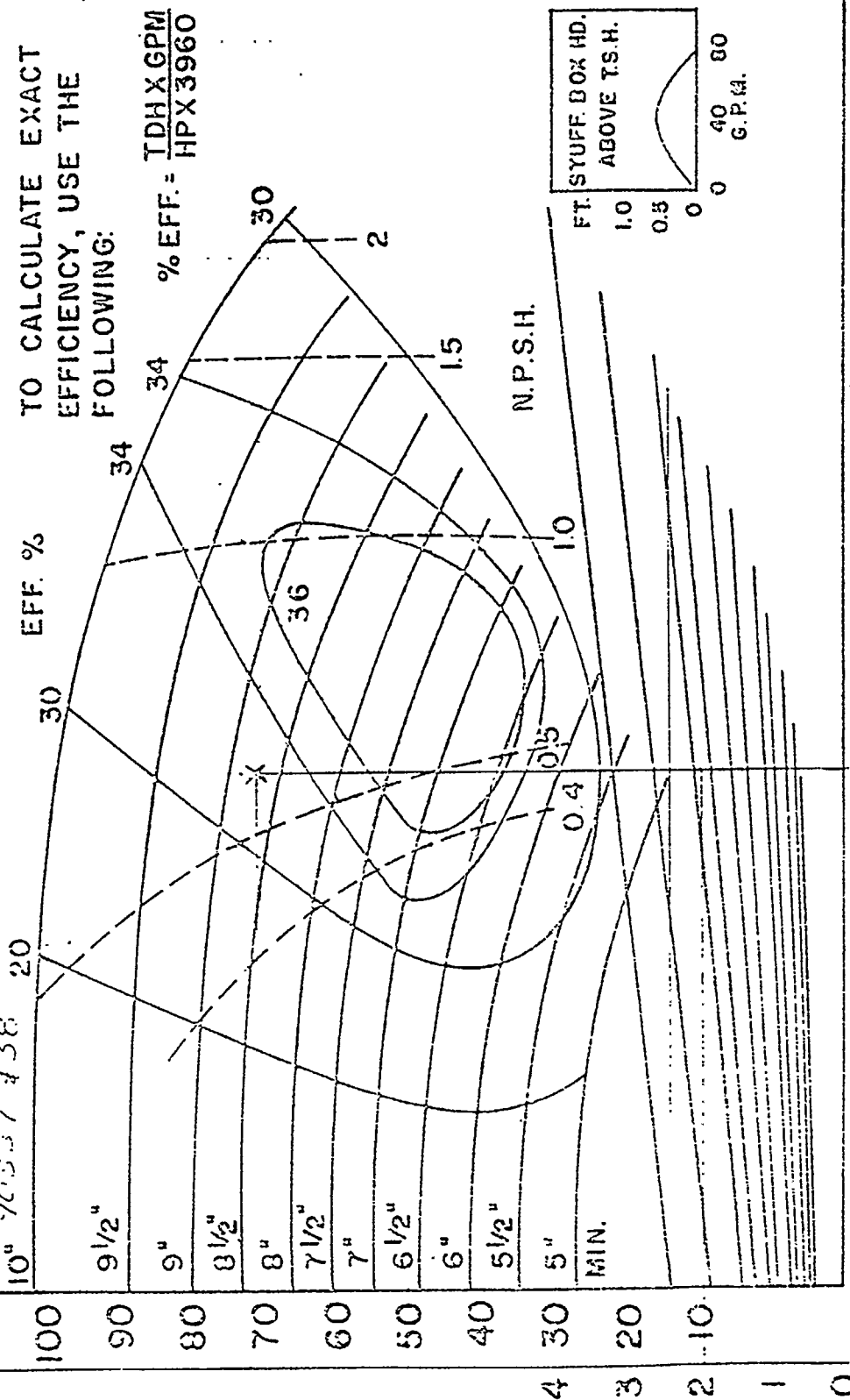
B.M.P.
100
90
80
70
60
50
40
30
20
10
0

THE DURIRON COMPANY, INC.
DAYTON, OHIO
DURCOPUMP PERFORMANCE
CHARACTERISTICS

EYE AREA 3.51 SQ. IN.
MAX. SPHERE 3/8 IN.
IMP. PATT. CT-25313A
STD. NO - A05

DURCO MARK II
2X1-10
SPEED 1750 R.P.M.
CURVE NO. MII 8002AV

CURVES SHOW APPROXIMATE CHARACTERISTICS WHEN PUMPING CLEAR WATER



CAPACITY U. S. GALLONS PER MIN.

12/65

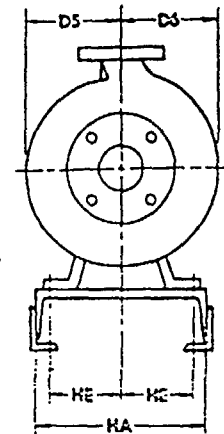
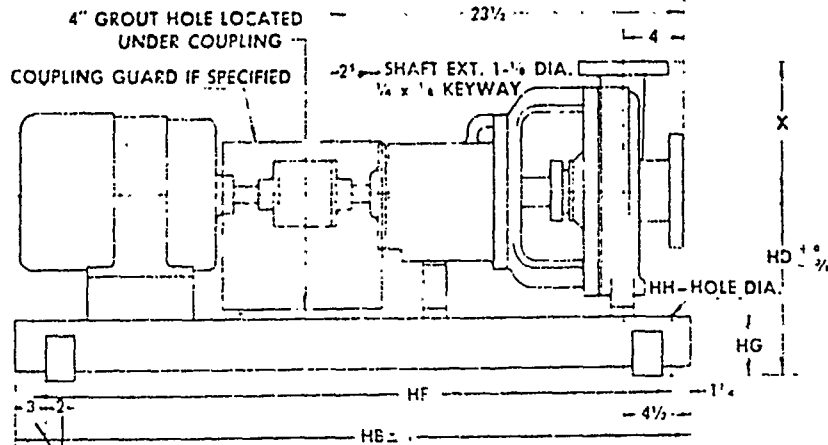
Form No. 62-2331

DURCO MARK II PUMPS Group II (7" & 10")

Dimension Drawing F-10-312 e

Certified: _____

By: _____



APPROX.
Pump Dimensions & Weights

Std. Pump	Std. No.	Std. Size	Disc. Size	X	D1	D2	D3	D4	D5	D6	D7	D8	Duro Pump Wt.
3 x 2-7	A10	3	2	6 1/2	4 7/8	1 1/2	1 1/2	1 1/2	5 1/2	5 1/2	2 1/2	1 1/2	165
2 x 1-10	A05	2	1	8 1/2	5 1/4	1 1/8	1 1/8	1 1/8	6 1/2	6 1/2	1 1/2	1 1/2	210
3 x 1 1/2-10	A50	3	1 1/2	6 1/2	5 3/8	1 1/8	1 1/8	1 1/8	6 1/2	6 1/2	2 1/2	1 1/2	200
3 x 2-10	A60	3	2	9 1/2	5 3/8	1 1/8	1 1/8	1 1/8	6 1/2	6 1/2	2	1 1/2	206
4 x 3-10	A70	4	3	11	6 1/8	1 1/8	1 1/8	1 1/8	6 1/2	7 1/2	2 1/2	1 1/2	225

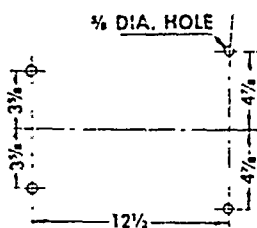
Flange Drilling

Size	150#			300#		
	No.	Size	B.C.	No.	Size	B.C.
1	4	3/8	3 1/8	4	3/4	3 1/2
1 1/2	4	3/8	3 7/8	4	7/8	4 1/2
2	4	3/4	4 3/8	8	3/4	5
3	4	3/4	6	8	7/8	6 5/8
4	8	3/4	7 1/2	8	7/8	7 7/8

Baseplate Dimensions & Weights

Baseplate	Max. Motor Frame	HD	KA	H2	HE	HF	HG (150#)	HG (300#)	WL
52	215T 215	12	12	45	4 1/2	42 1/2	3 3/4	3/4	115
53	264T 266T	12 3/8	15	52	6	49 1/2	4 1/8	3/4	176
54	326T 326U	13	16	59	7 1/2	55 1/2	4 3/4	1	234
55	404T 404TS 404US	15	18	60	7 1/2	57 1/2	4 3/4	1	304
	405TS 405US	15							
	444US	16							

Bare Pump Mounting Holes



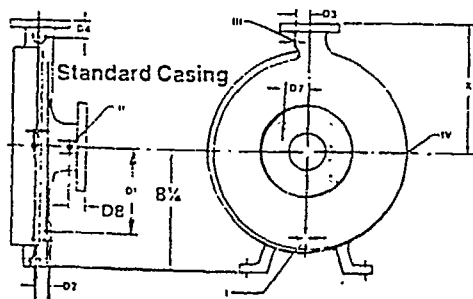
Optional Connections

Item	Part
I	Casing Drain
II	Suction Nozzle Gage Connection
III	Discharge Nozzle Gage Connection
IV	Auxiliary Connection
VI	Back Drilled Seal Flush Connection
VII	Bottom Tap in Stuffing Box

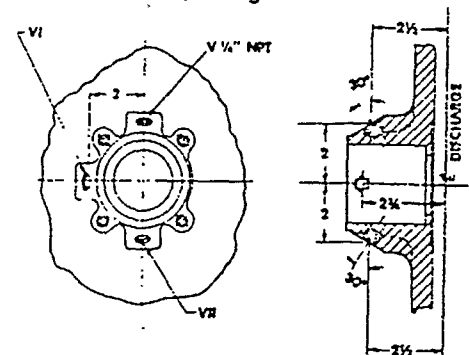
Optional Features *

Jacketed Cover (P-1021-1)
Jacketed Box (P-1021-2)
Combined Jacketed Cover & S.B. 3 x 2-7 only (P-1021-4)
Jacketed Casing
Jacketed Brg. Hsg. (P-1021-4)
Special Baseplate

* Separate Drawing Attached When Applicable



Stuffing Box



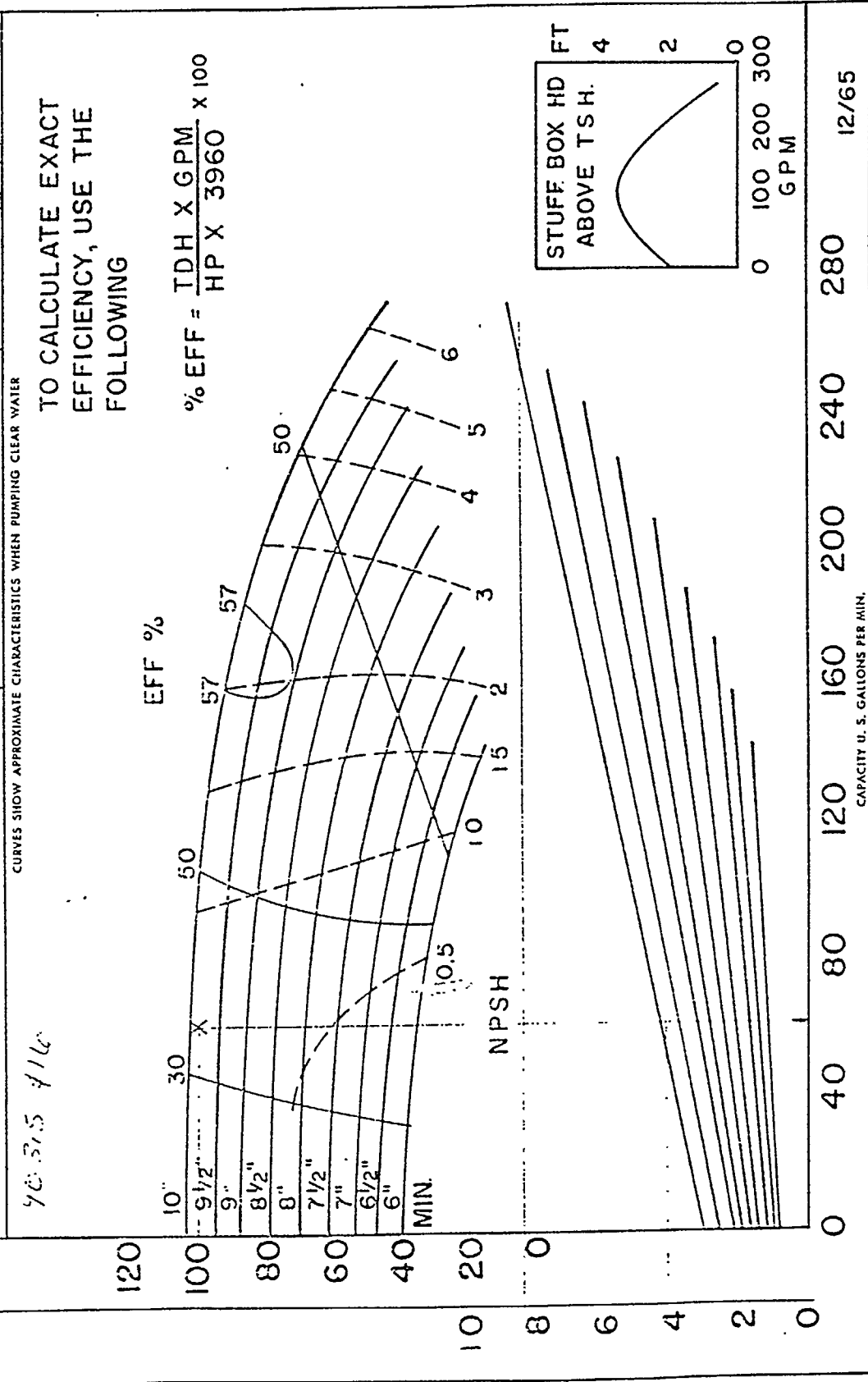
THE DURIRON COMPANY INC., DAYTON, OHIO

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ASARCO ELP 0001946

THE DURIRON COMPANY, INC. DAYTON, OHIO DURCO PUMP PERFORMANCE CHARACTERISTICS		EYE AREA <u>7.81 SQ. IN.</u> MAX. SPHERE <u>19/32 IN.</u> IMP. PATT. <u>CT-22767A</u> STD NO. - <u>A60</u>	DURCO MARK II <u>3 X 2-10</u> SPEED <u>1750 RPM</u> CURVE NO. <u>MTI 7802 AV</u>
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Form No. 63-2561

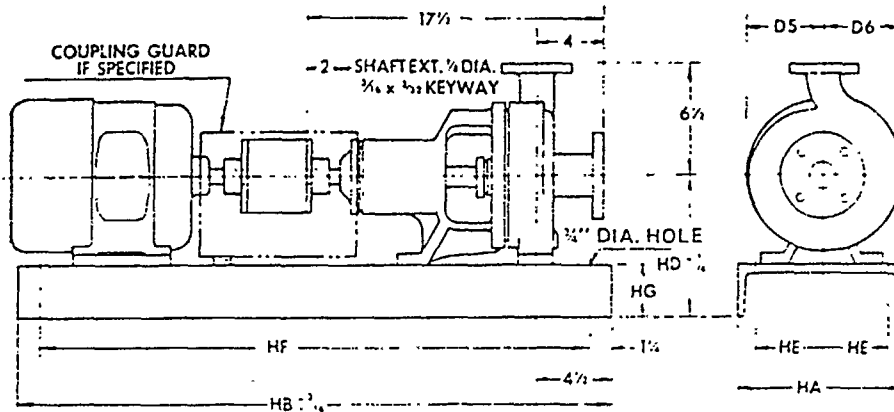
DURCO MARK II PUMPS Group I

Dimension Drawing P-10-310a

20815 #16.

Certified: _____

By: _____



Pump Dimensions & Weights

Mark II No.	Std. No.	Suct. Size	Dis. Size	D1	D2	D3	D4	D5	D6	D7	D8	Bare Pump Wt.
1 1/2 x 1-6	AA	1 1/2	1	3 3/8	1 1/2	1 3/8	1 1/2	4 1/2	4 1/2	1 3/8	1 3/8	70
1 1/2 x 1-8	AA	1 1/2	1	4 1/2	2 1/8	1 1/2	1	5 3/8	5 3/8	1 3/8	1 3/8	81
3 x 1 1/2-6	AB	3	1 1/2	3 3/4	1 1/2	1 1/2	1 1/2	4 1/2	4 1/2	2	1 3/8	78

Baseplate Dimensions & Weights

Base-plate	Max. Motor Frame	HD	HA	HB	HE	HF	HG	Wt. In Lbs.
50	182T 184	8 1/2	10	35	4	32 1/2	3	73
51	215T 215	8 1/2	12	39	4 1/2	36 1/2	3 1/4	95
53A	256TS 284T 284U 256T	10 1/2 10 1/2 10 1/2 9 1/2	15	44	6	41 1/2	3 1/2	146

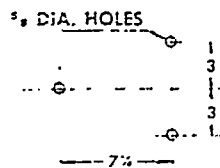
Flange Drilling

Size	150#			300#		
	No.	Size	B.C.	No.	Size	B.C.
1	4	5/8	3 1/8	4	3/4	3 1/2
1 1/2	4	5/8	3 7/8	4	7/8	4 1/2
3	4	1 1/4	6	8	7/8	6 3/4

Optional Connections

Item	Part
I	Casing Drain
II	Suction Nozzle Gage Connection
III	Discharge Nozzle Gage Connection
IV	Auxiliary Connection
VI	Back Drilled Seal Flush Connection
VII	Bottom Tap in Stuffing Box

Bare Pump Mounting Holes

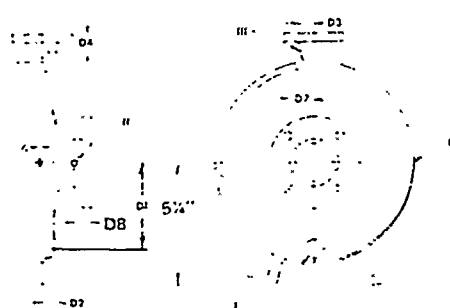


Optional Features*

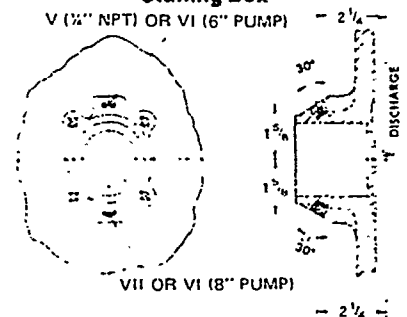
Jacketed Casing (P-1021-3)
Combined Jacketed Cover & Stuffing Box (P-1019-1)
Special Baseplate (P-1021-6)

*Separate Drawing Attached When Applicable

Standard Casing



Stuffing Box



THE DURIRON COMPANY INC., DAYTON, OHIO

Printed in U.S.A.

THE WHITE COPY WILL REPRODUCE BY DIAZO PROCESS

ASARCO ELP 0001948

THE DURIRON COMPANY, INC. DAYTON, OHIO DURCOPUMP PERFORMANCE CHARACTERISTICS		EYE AREA <u>5.08 SQ. IN.</u> MAX. SPHERE <u>1/2 IN.</u> IMP. PATT. <u>BT-22942A</u> STD. NO-AB	DURCO MARK II <u>3 X 1 1/2 - 6</u> SPEED <u>1750 R.P.M.</u> CURVE NO. <u>M II 7102AV</u>
--	--	---	--

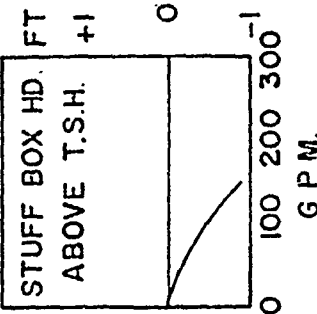
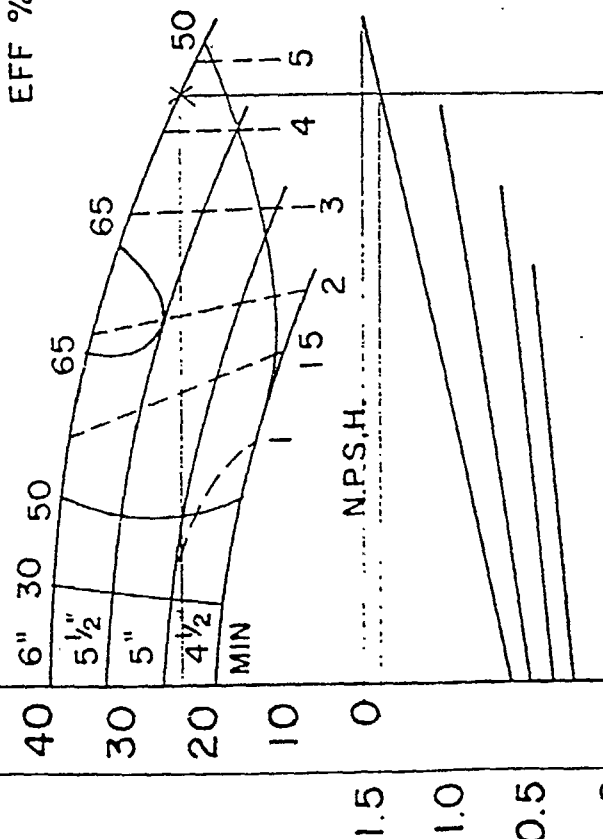
CURVES SHOW APPROXIMATE CHARACTERISTICS WHEN PUMPING CLEAR WATER

20515 of 16

TO CALCULATE EXACT
EFFICIENCY, USE THE
FOLLOWING:

$$\% \text{ EFF} = \frac{\text{TDHX GPM}}{\text{HP X 3960}} \times 100$$

EFF %



12/65

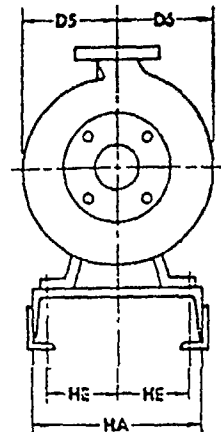
CAPACITY U. S. GALLONS PER MIN.

Form No. 62-2531

90603 404

Certified:

By:

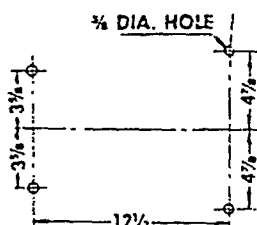


Baseplate Dimensions & Weights

[illegible]

Size	150 #			300 #		
	No.	Size	B.C.	No.	Size	B.C.
1	4	$\frac{5}{8}$	$3\frac{3}{8}$	4	$\frac{3}{4}$	$3\frac{1}{2}$
$1\frac{1}{2}$	4	$\frac{5}{8}$	$3\frac{7}{8}$	4	$\frac{7}{8}$	$4\frac{1}{2}$
2	4	$\frac{3}{4}$	$4\frac{3}{4}$	8	$\frac{3}{4}$	5
3	4	$\frac{3}{4}$	6	8	$\frac{7}{8}$	$6\frac{3}{8}$
4	8	$\frac{3}{4}$	$7\frac{1}{2}$	8	$\frac{1}{2}$	$7\frac{7}{8}$

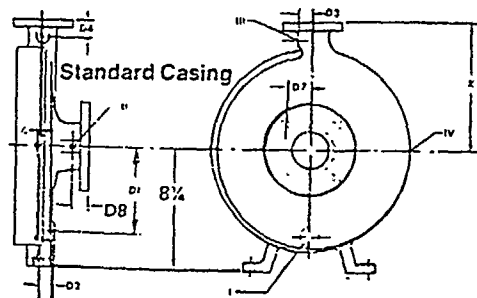
Optional Connections



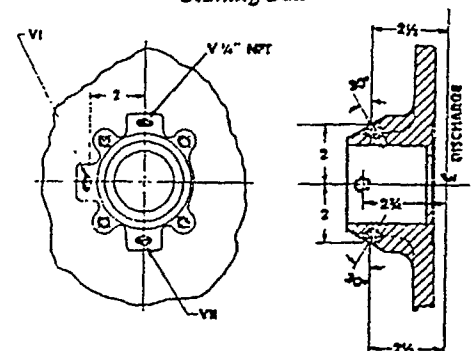
Item	Part
I	Casing Drain
II	Suction Nozzle Gage Connection
III	Discharge Nozzle Gage Connection
IV	Auxiliary Connection
VI	Back Drilled Seal Flush Connection
VII	Bottom Tap in Stuffing Box

Jacketed Cover (P.1021-1)
Jacketed Box (P.1021-2)
Combined Jacketed Cover & S.B 3 x 2-7 only (P.1021-4)
Jacketed Casing
Jacketed Brg Hsg. (P.1021-4)
Special Baseplate

*Separate Drawing Attached
When Applicable



Stuffing Box



Printed in U.S.A.

THE DURIRON COMPANY, INC.

DAYTON, OHIO
DURCOPUMP PERFORMANCE
CHARACTERISTICS

EYE AREA 3.51 SQ. IN.

MAX. SPHERE 3/8 IN.

IMP. PATT. CT-25313A

STD. NO-A05

DURCO MARK II

2X1-10

SPEED 1750 R.P.M.

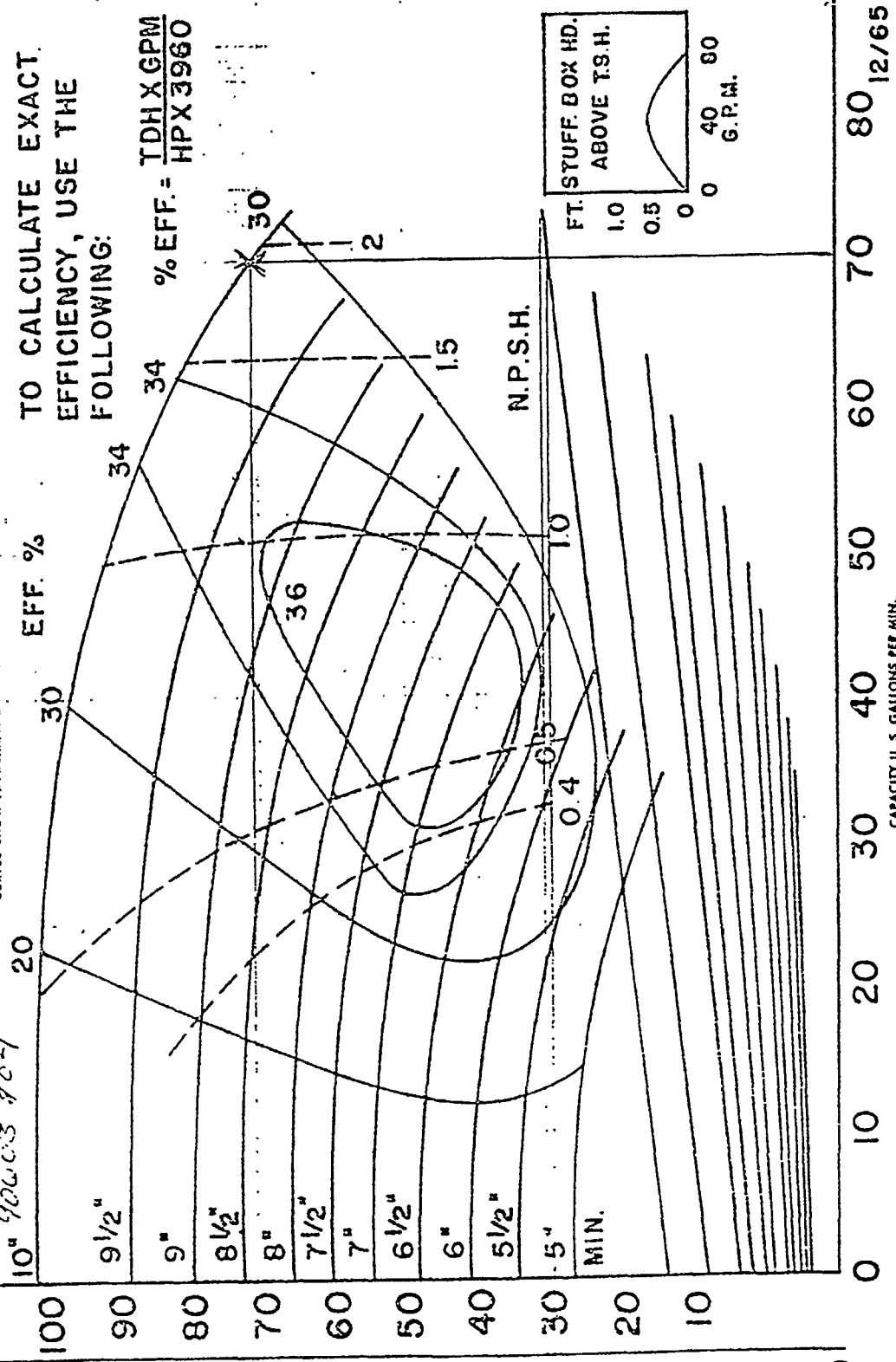
CURVE NO. M II 8002AV

B.H.P.
T.D.H.
IN
FEET

CURVES SHOW APPROXIMATE CHARACTERISTICS WHEN PUMPING CLEAR WATER

TO CALCULATE EXACT
EFFICIENCY, USE THE
FOLLOWING:

$$\% \text{ EFF.} = \frac{\text{TDH} \times \text{GPM}}{\text{HPX3960}}$$



Form No. 62-2531

February 2, 1977

RE: Request for Quotation #610-3
Roofing & Siding for ASARCO, Inc.
Conventor Building located at
El Paso, Texas

Gentlemen:

We are accepting proposals for the furnishing of Stainless Steel Roofing and Siding, Galbestor (or equal) siding, louvers, and doors to enclose the Conventor Building.

All material to be furnished as shown on the following Kaiser Drawings and specifications.

EP-22741-1106A	
22715-1106M	
22722-0907M	
22697-1106S	Information Only
22698-1106S	Information Only
22700-1106S	Information Only
22703-1106S	
22743-1106A	
22742-1106A	
22702-1106S	Information Only

Kaiser Specifications
section 7-A
7-c
8-A
8-B

Instructions to bidders:

1. Gravity ventilation by others.
2. Roofing and siding for 3 each exhaust hoods - by others
3. Curtin Walls siding - by others.
4. Roofing and siding supplier must furnish all closure strips and screws as specified and recommended by manufacture.
5. Bid due date February 28, 1977.
6. Expected roof delivery mid April 1977 or before.
7. Expected siding delivery by April 29, 1977 or before.
8. Proposals must be F.O.B. jobsite with full freight allowed.
9. No sales or use tax to be included in proposal.
10. Erection by SWIC & R.

ASARCO ELP 0001952

Proposals are due on or before the date as stated above in the Construction Office of Southwestern Industrial Contractors and Riggers, Inc. located at ASARCO Incorporated Smelter, El Paso, Texas or mailed "Sealed Envelope" to:

Southwestern Industrial Contractors
and Riggers, Inc.
ATTN: Mr. H. E. Wickes, Project Manager
RFQ #610-3
P.O. Box 26976
El Paso, Texas 79926

Very truly yours,

H. E. Wickes
Project Manager

HEW/js
Enclosures

LIST OF BIDDERS - Request for Quotation 610-3

1. Kierman & Gregory
8600 Manchester Rd.
St. Louis, MO 63144
ATTN: Mr. L. E. Kiernan
314/961-0091
2. Moffitt Co. Inc.
P.O. Box 158
Zelienaple, PA 16063
ATTN: Mr. W. D. Moffitt *mailed*
505 255-2955
412/452-9600
3. Steelite Buildings Inc.
239 4th Avenue
Pittsburg, PA 15222
ATTN: Mr. Bill Miller
4. Inland Tyerson
3001 Thunderbird Drive
El Paso, Texas
ATTN: Mr. R. E. Redman
574-2120 *N.B.*
5. El Paso Machine & Steel
1600 E. 4th
El Paso, Texas 79901
ATTN: Mr. Fred Corey
6. Rio Grande Metals
P.O. Box 26427
El Paso, Texas 79926
ATTN: Mr. Earl Wilson ** to buy*
859-4136
7. Moncrief-Lemoir Mrg. Co.
2002 Avenue A
Lubbock, Texas 79408
ATTN: Mr. J. Spigler
N.B.
8. H. H. Robertson
~~5133 N. Central Avenue Suite 222~~
~~Phoenix, Arizona 85012~~
ATTN: Mr. Bob Hess
P.O. Box 5650
El Monte, Calif. 91734
9. Reliance Steel & Aluminum Co.
929 East Jackson St.
Phoenix, Arizona 85034
1-800-352-4571
10. Sechrist-Hall Co.
(102 Omaha) P. O. Box 5207
Corpus Christi, Texas 78405
ATTN: Mr. Gilbert McNeese
N.B.