FOUNDATION LAYOUT

THERMOCOUPLE PORT DETAIL

SAFETY SCREEN OPENINGS DETAIL

150 H.P. DRIVE ASS'Y.
EXPLOSION PROOF MOTOR - 445-T FRAME
1800 R.P.M. - 460V - 3P - 60 H.Z.
MOTOR FURNISHED BY CUSTOMER

CHOPPER MOUNTS - PLUGGED

THERMOCOUPLE PORT - SEE DETAIL

1½" 150 FL'G JACKET PORTS 5 PLACES

GAS PORT
2" I.D. X 6" O.D. FL'G - ⅝" TK.
(4) - ¾" DIA. HOLES EQ. SPAC. ON 4¾" B.C.

SAMPLING PORT
6" I.D. WITH SWING COVER
5" NEMA 7 SAFETY SWITCH
MANUALLY OPERATED

VACUUM PORT - 30" I.D. X 38¾" OD FL'G - ⅝" TK.
28 - 1⅜" HOLES EQ. SPAC. ON 34½" B.C.
WITH COVER.

RUPTURE DISC PORT
8" I.D. X 13½" O.D. FL'G - ⅝" TK.
8 - ⅞" DIA. HOLES EQ. SPAC.
ON 11¾" B.C. - WITH COVER

2 - CHARGING PORTS
12" I.D. X 13" O.D. - FL'G - ⅝" TK.
12 - 1" DIA. HOLES EQ.
SPAC. ON 17" B.C. - WITH SAFETY SCREEN

CHARGING PORT - WITH SAFETY SCREEN

75 P.S.I.G. ASME CODE
CONSTRUCTED JACKET

335" MAX.

116½" MAX

198½" HD. TO HD.

193¾"

SAFETY SWITCH
MANUALLY OPERATED
NEMA-7 - 1 EACH DOOR

99¼"
86"
85"
70"
51"
49"

1½"

⅜"

5/8"

250" MIN. FOR SHAFT REMOVAL TO REAR

79" INS. DIA.

45"

43"

4"

MAINSHAFT
103 RPM

1110 FC-2
FALK REDUCER

1⅛" DIA. HOLES

1"

1½"

3 - CLEANOUT DOORS
16" & 24" OPENINGS

VACUUM-HOLD DOWN-KNOBS

1½" I.D. 150 FL'G
JACKET DRAINS 6 PLACES

2⅝" x 3⅜" SLOT HOLES

105¾"

211½"

93" MAX

45"

48"

30°

13" 13"
26" 26"
42"
84"

17" 21" 17" 37"

EST. WT
6700 LBS

EST. WT
12,000 LBS

EST. WT.
12,000 LBS

ENGINEERING DATA:
FKM-15000-D-MIXER
CONSTRUCTED OF A-283-D CARBON STEEL
POLISHED TO A #80 GRIT FINISH.
HEAT TRANSFER PLOWS WITH HARD SCRAPPERS
VACUUM DESIGN - 25" HG. AND 1" HG. LEAK RATE PER MINUTE
VACUUM STUFFING BOX MAINSHAFT SEALS
PRINT: STD. L.B. GREEN

DISCHARGE PORT
10" I.D. X 18" O.D. FL'G - ⅝" TK.
12 - 1" DIA. HOLE EQ.
SPAC. ON 14¾" B.C.
WITH SAFETY SCREEN

MICROFILMED
NOV 01 1985
BY

NO.	DESCRIPTION	DATE	BY
0			
1			
2			
3			
4	MAIN SHAFT RPM	11-8-85	
5	REVISED	11-8-85	

DR. GEAR
DATE 10-23-85
SCALE AS NOTED
P5-2501

P5-2501
TOLERANCES UNLESS SPECIFIED

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