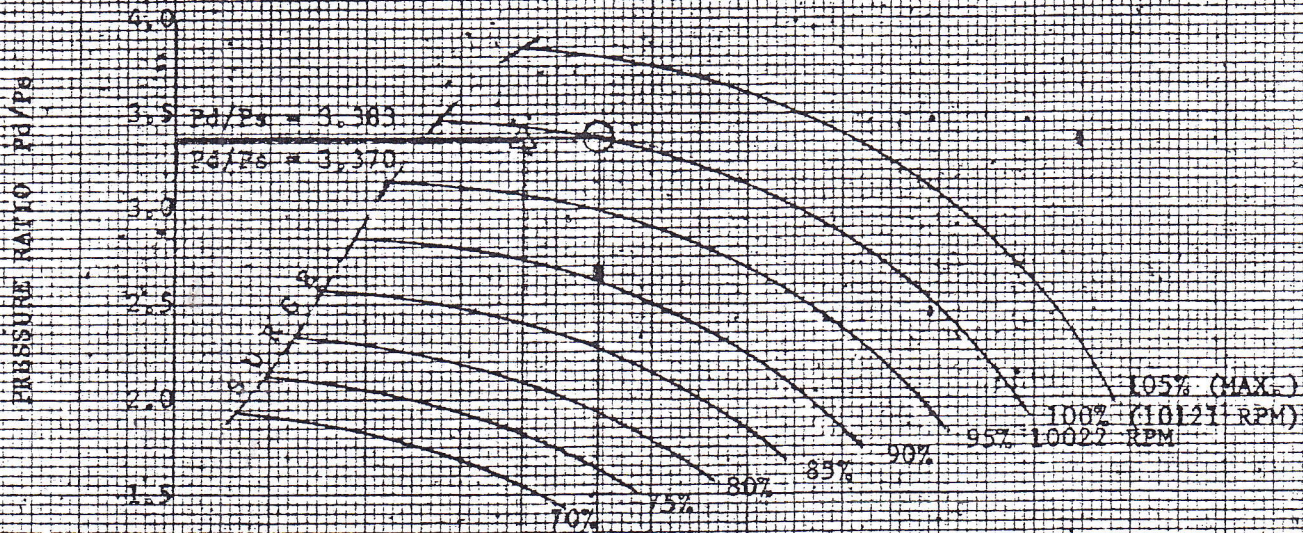


EXPECTED PERFORMANCE CURVE FOR
MWK/LMC STERLINGTON, LOUISIANA
P.O. 45103-P-121-103 ITEM 4102-3
ONE CLARK MODEL 2M7 CENTRIFUGAL COMPRESSOR
FEED GAS - SECTION Z

NOTE: BHP = BHP_{curve} X P_s

NORMAL BHP = $2871 \times \frac{189.2}{189.2}$



DESIGN CONDITIONS

P _s PSIA	189.2
P _g PSIA	640.
T _a °F	110.
M.W.	17.23
Z _{avg}	.988
K _{avg}	1.251
FLOW #/HR DRY	54875.
FLOW #/HR WET	55260.

DESIGN FLOW
NORMAL FLOW

ACFM = 1535

ACFM = 1695

BRANK HOSHPOWER
P_s = 189.2 PSIA
P_g = 640.0 PSIA
BHP = 5437
BHP = 2871
(SEE NOTE)

THE M. W. KELLOGG COMPANY
EQUIPMENT DIVISION

COMMENTS: None
COMMENTS: NOTE OR COMMENTS AS
NOTED DO NOT RELIEVE THE VENDOR
FROM FURNISHING MATERIAL TO
CONFORM TO ORDER
COMMENTS AS NOTED REQUIRE YOU
TO PROCEED ACCORDINGLY AND TO
FURNISH REVISED DRAWINGS FOR
FURNISH PURPOSES.

BY UES DATE 4-14-75

INLET CAPACITY AGM X 10³

BRASSER INDUSTRIES

CLARK DIV.

CLARK, N.Y. NOV 3/4/75

CT 20-748

CE 6081

2

46 1322

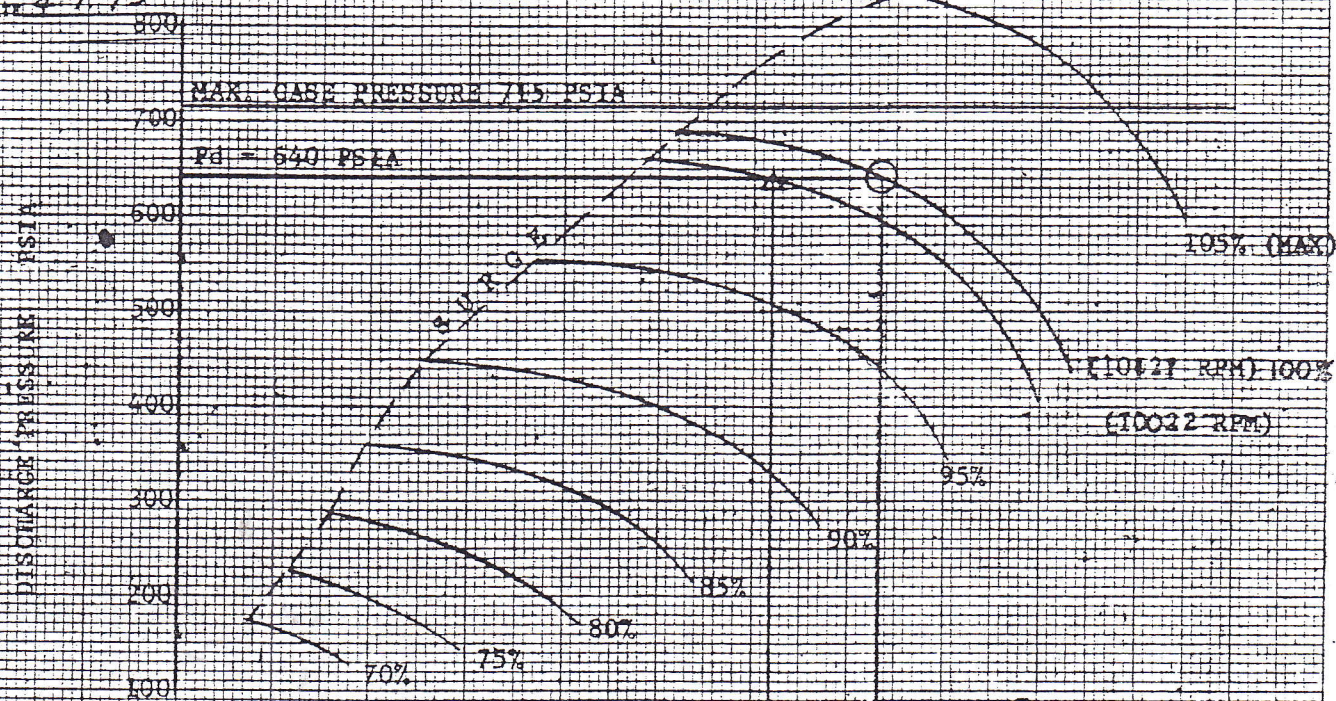
REPROGRAPHICS

1234567890

K-E 10 X 10 TO 14 INCH 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

COMMENTS NC
COMMENTS NONE OR COMMENTS AS
NOTED DO NOT RELIEVE THE VENDOR
FROM FINISHING MATERIAL TO
CONF. TO ORDER.
COMMENTS AS NOTED BEING
TO PROCEED ACCORDINGLY AND TO
SUBMIT REVISED DRAWINGS FOR
RECORD PURPOSES.
BY JMR DATE 4-9-75

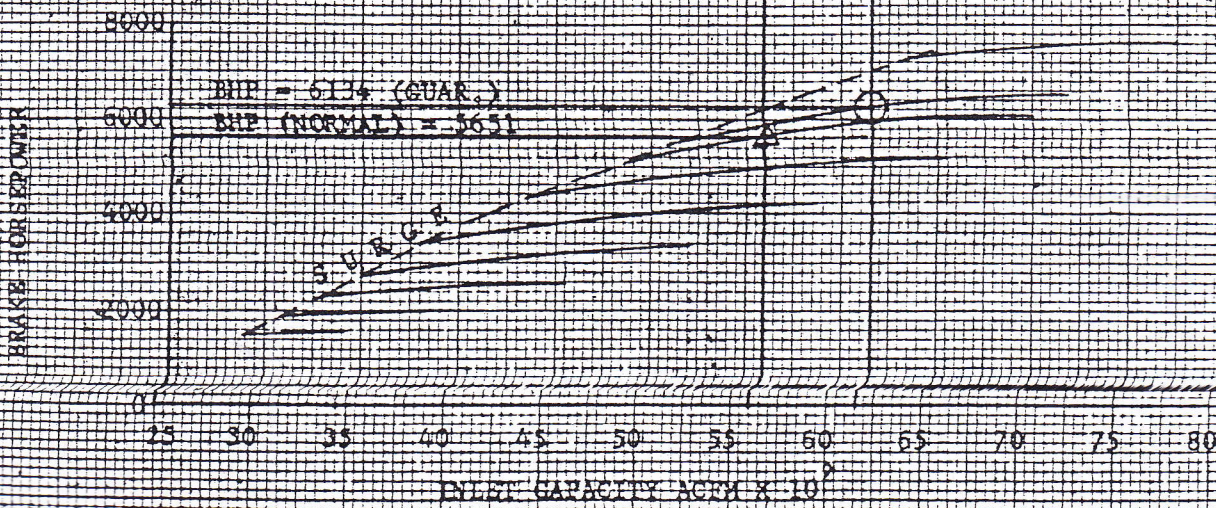
EXPECTED PERFORMANCE CURVE FOR
MAX/TMC STELLANTON, LA
P.O. 83103-021-MOT-TT-M-4102-0
ONE CLARK MODEL 2M7 CENTRIFUGAL COMPRESSOR
FEED GAS - OVERALL



	DESIGN CONDITIONS	
	SEC. 1	SEC. 2
P_d PSIA	50.7	189.2
P_s PSIA	191.7	640
T_s °F	85	110
MOL.WT.	17.23	17.23
Z_{avg}	0.96	0.98
K_{avg}	1.262	1.251
FLOW, F/HR DRY	34875	34875
FLOW, F/HR WET	55620	55260

ACFM = 5600

ACFM = 6165



CLARK TURBO PRODUCTS
DRESSER-CLARK DIV.
CLARK, N.Y. M/S 173/75

CT 20,748
UB 6053

REPROGRAPHICS
23466789 MU

K-E
10 X 10 TO 1/4 INCH 7 X 10 INCHES
KEUFFEL & ESSER CO. MADE IN U.S.A.

46 1322

id: 5103-P-521-101

Feb: 102-57

5450-6999F-9 W HG. ABS.
6134 M.P. @ 10/21 R 8M.

HCC 5103-A
Sterlingdon, La
Feed Grain Company
New Orleans

[illegible]

TURBODYNE CORPORATION
WORTHINGTON TURBINE DIVISION
WELLSVILLE, NEW YORK 16825 U.S.A.

TUBS NO. 32762
 S.O. NO. 1619570

DATE 4-29-75
EM-18226