

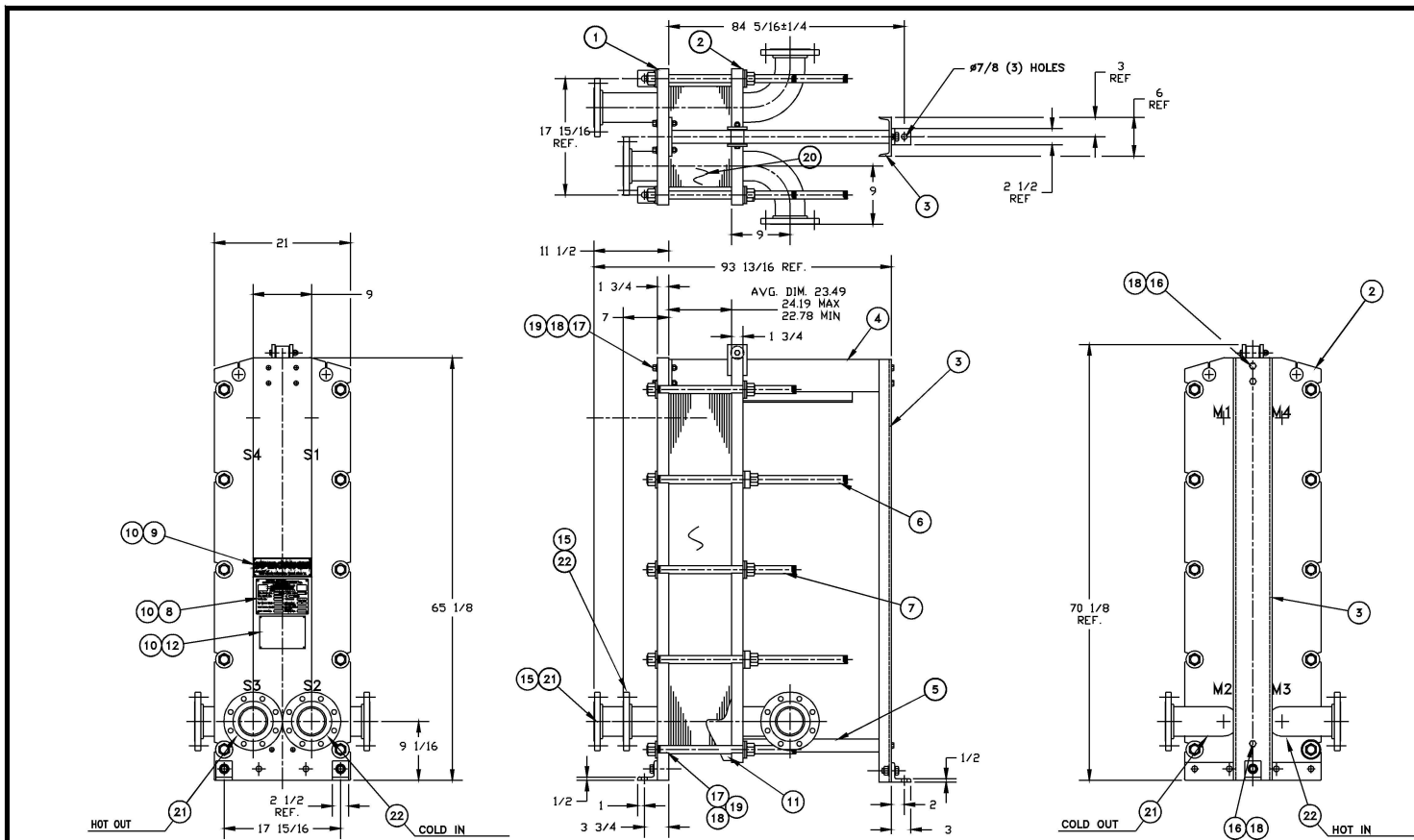


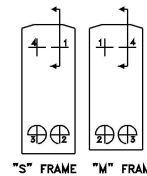
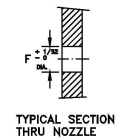
PLATE HANGING ASSEMBLY

Plate Sequence	Gasket Mat'l	Piercing	Gluing	Hanging
1	FKM	L0230	RL Start	K
2, 4 .. 34, 36	FKM	L1234	LS	SR
3, 5 .. 35, 37	FKM	L1234	RL	LK
38	FKM	L1234	LS	S
39	FKM	L1004	RL	L
40, 42 .. 72, 74	FKM	L1234	LS	RS
41, 43 .. 73, 75	FKM	L1234	RL	KL
76	FKM	L1234	LS	R
77	FKM	L0230	RL	K
78, 80 .. 110, 112	FKM	L1234	LS	SR
79, 81 .. 111, 113	FKM	L1234	RL	LK
114	FKM	L1234	LS	S
115	FKM	L1004	RL	L
116, 118 .. 148, 150	FKM	L1234	LS	RS
117, 119 .. 149, 151	FKM	L1234	RL	KL
152	FKM	L1234	LS	R
153	FKM	H0230	RC End	B

PLATE ASSEMBLY SPECIFICATION				
Qty	Gasket Mat'l	Piercing	Gluing	
1	FKM	L0230	RL Start	
76	FKM	L1234	LS	
72	FKM	L1234	RL	
3	FKM	L0230	RL	
1	FKM	H0230	RC End	

PERFORMANCE (RUN NO: 1071107)									
SECTION	FLUID NAME	FLOW RATE (IBS/H)	INLET TEMP. °F	OUTLET TEMP. °F	PRESSURE DROP (PSI)	PLATE ARRANGEMENT	PLATE*	MATERIAL	NOZZLE
1	HOT SIDE	23,695.20	229.58	100.14	3.45	19LS X 4	316	FKM	316L
	COLD SIDE	25,942.70	90.65	203.79	4.49	19LD X 4	316	FKM	316L

*CERTI: SA240-316		NOZZLE LOCATION DIA. HOLE	"F"
S1			
S2		4 9/16	
S3		4 9/16	
S4			
M1			
M2		4 9/16	
M3		4 9/16	
M4			



PARTS LIST

ITEM NO.	DESCRIPTION	DRAWING NO.	NO. REQ'D.
1	STATIONARY FRAME ASS'Y. SA-516-70N	D-206934	1
2	MOVEABLE FRAME ASS'Y. SA-516-70N	D-206936-1	1
3	GUIDE BAR SUPPORT	D-203547	1
4	UPPER GUIDE BAR (WORKING LGTH. 82)	D-203525-3	1
5	LOWER GUIDE BAR (WORKING LGTH. 82)	D-203532-3	1
6	BOLT ASS'Y. (WORKING LGTH. 86)		
7	1 1/4 DIA. CARBON STEEL SA-193-B7	D-206436-B	4
8	BOLT ASS'Y. (WORKING LGTH. 56)		
9	1 1/4 DIA. CARBON STEEL SA-193-B7	D-206436	6
10	DATA NAMEPLATE	B-202112	1
11	NAMEPLATE	B-200734	1
12	METAL TACK FASTENER	A-203187	12
13	SHROUD SET (CUT TO FIT BETWEEN FRAMES)	---	1
14	SERVICE NAMEPLATE, 5X7	D-207436-0001	1
15	DELETED		
16	DELETED		
17	FLANGE PROTECTOR (NOT SHOWN)	B-202665	4
18	GUIDE BAR BOLT	A-203480-6	3
19	GUIDE BAR WASHER	A-203480-3	6
20	GUIDE BAR NUT	B-203482	6
21	PLATE	A-203481	153
22	NOZZLE 4" STR ("S" FRAME) SA312/403-TP316L	D-6-145439-2	1
23	NOZZLE 4" STR ("S" FRAME) SA312/403-TP316L	D-6-145439-3	1
24	NOZZLE 4" ELL ("M" FRAME) SA312/403-TP316L	D-6-145439-4	2

RAISED FACE SLIP ON SA-182F-316L NOZZLE DIMENSIONS	
DIM.	SIZE
A	150 LB
B	6 3/16
C	7 1/2
D	9
E	15/16
	4 1/2

SPECIFICATIONS		ASME CERTIFICATION MARK DATA	
DESIGN PRESSURE:	150 PSI	M.A.W.P.	150 PSI AT 260 °F
TEST PRESSURE:	195 PSI	M.D.M.T.	-20 °F, AT 150 PSI
DESIGN TEMP.:	260 °F	MEDIUM:	API 40
NO. OF PLATES:	153	FORM:	U-1 NO. REQ'D. 1
SURFACE AREA:	719.15 SQ.FT.	LOCATION OF INSTALLATION	
WEIGHT:	2534.42 LBS	VALERUS COMPRESSION SERVICES	
PAINT:	SPEC #429 - ROYAL BLUE	VICTORIA, TX	

TRANTER GENERAL NOTES

A1. FLEXIBILITY IN PIPING IS NECESSARY TO PROVIDE FOR THERMAL EXPANSION. WHERE APPLICABLE, PIPE VIBRATIONS AND FLUID PULSATIONS SHOULD BE ELIMINATED FOR FATIGUE AND CYCLIC TYPE OF APPLICATIONS.

A2. MAXIMUM FRAME CAPACITY = 244 PLATES

A3. SHOP HAS THE OPTION TO SUBSTITUTE THICKER 316/316LSS PLATES (UP TO 10% OF TOTAL).

ASME NOTES

B1. FABRICATE PER ASME SECTION VIII, DIV. 1 SPECS CURRENT EDITION

B2. BASED ON DATE OF CUSTOMER'S PURCHASE ORDER.

"U" STAMP: YES NAT'L BD: 64409

MATERIAL NOTES

D1. MTR TO BE PROVIDED FOR PRESSURE PARTS EXCLUDING GASKETS, TIE BOLTS AND NUTS.

TRANTER, Inc., Wichita Falls, Texas

PROPERTY OF TRANTER, Inc. AND NOT TO BE REPRODUCED WITHOUT THEIR CONSENT NOR USED IN ANY MANNER DETRIMENTAL TO THE INTEREST OF TRANTER, Inc.

VALERUS COMPRESSION SERVICE

SERIAL NO. 01SC1483

TITLE SUPERCHARGER

MODEL GXD-042-L-6-UR-153

DATE 3/10/2015

CHECKED AND APPROVED BY ZF

DATE 3/10/2015

REV. DUPLICATE OF 0-0-148158

DRW. NO. D-6-159227-G

S/O 159227