

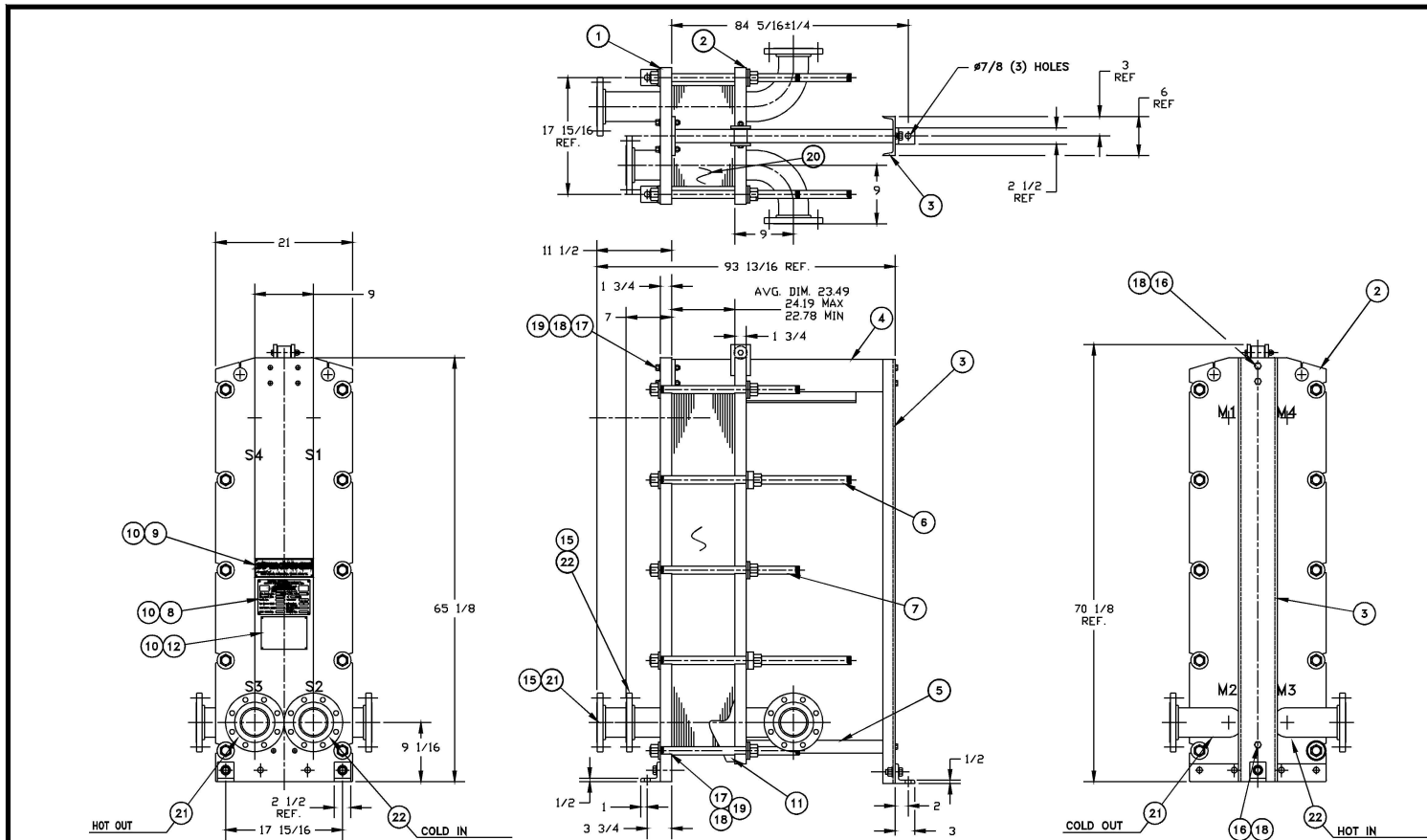


PLATE HANGING ASSEMBLY									
Plate Sequence	Gasket Mat'l	Piercing	Gluing	Hanging					
2, 4 .. 34, 36	FKM	L1234	RL	Start	R				
3, 5 .. 35, 37	FKM	L1234	RL	LK					
38	FKM	L1234	LS	S					
39	FKM	L1004	RL	L					
40, 42 .. 72, 74	FKM	L1234	LS	RS					
41, 43 .. 73, 75	FKM	L1234	RL	KL					
76	FKM	L1234	LS	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 LOCATION
1	HOT SIDE	23,695.20	229.58	100.14	3.45	19LS X 4	316	FKM	S1
	COLD SIDE	25,942.70	90.65	203.79	4.49	19LD X 4	316	FKM	S2
									S3
									S4
									M1
									M2
									M3
									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-202865	4
18	GUIDE BAR BOLT	A-203480-6	3
19	GUIDE BAR NUT	A-203480-3	6
20	GUIDE BAR WASHER	A-203482	9
21	GUIDE BAR NUT	A-203481	6
22	PLATE		153
23	NOZZLE 4" STR ("S" FRAME) SA312/403-TP316L	D-6-145439-2	1
24	NOZZLE 4" STR ("S" FRAME) SA312/403-TP316L	D-6-145439-3	1
25	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	6 3/16		
B	7 1/2		
C	9		
D	15/16		
E	4 1/2		

SPECIFICATIONS			
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:	715.15 SQ.FT.	LOCATION OF INSTALLATION	
WEIGHT:	2534.42 LBS	VALERUS COMPRESSION SERVICES	
PAINT:	SPEC #429 - ROYAL BLUE	VICTORIA, TX	

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:	715.15 SQ.FT.	LOCATION OF INSTALLATION	
WEIGHT:	2534.42 LBS	VALERUS COMPRESSION SERVICES	
PAINT:	SPEC #429 - ROYAL BLUE	VICTORIA, TX	

TRANTRER 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).		
B1.	FABRICATE PER ASME SECTION VIII, DIV. 1 SPECS CURRENT EDITION BASED ON DATE OF CUSTOMER'S PURCHASE ORDER.		
"U" STAMP:	YES	NAT'L BD:	64410
MATERIAL NOTES			
D1.	MTR TO BE PROVIDED FOR PRESSURE PARTS EXCLUDING GASKETS, TIE BOLTS AND NUTS.		

TRANTRER			
TRANTRER, Inc., Wichita Falls, Texas			
PROPERTY OF TRANTRER, Inc. AND NOT TO BE REPRODUCED WITHOUT THEIR CONSENT NOR USED IN ANY MANNER DETRIMENTAL TO THE INTEREST OF TRANTRER, Inc.			
CUSTOMER	VALERUS COMPRESSION SERVICE		
ORDER NO.	01SC1484		
TITLE	SUPERCHARGER		
MODEL	GXD-042-L-6-UR-153		
SCALE:	----		
DATE	3/10/2015	DATE	3/10/2015
BY	RH	CHECKED AND APPROVED BY	ZF
S/O	159227	DRN NO.	D-6-159227-H