

ITEM	SIZE	QTY.	DESCRIPTION	SERVICE
<div>C</div> <div>B</div> A	16"x20"	1	STANDARD ELLIPTICAL INSIDE SWING MANWAY W/ GASKET, 1" SANITARY CLAMP CONN., 304 SS GRAB HANDLE & REINF PLATE	MANWAY
B	4"	1	SANITARY CLAMP CONN. IN CENTER OF BOTTOM HEAD INCLUDES ANTI VORTEX BAFFLE WELDED OVER OUTLET (LESS VALVE)	OUTLET
C	4"	1	STANDARD CLAMP-ON VENT ASSEMBLY WITH SCREEN AND SHROUD	VENT
<div>B</div> D	3"	1	TANGENTIAL 3" SANITARY CLAMP CONNECTION IN THE SIDEWALL	INLET
<div>A</div> <div>B</div> E	-	1	VERTICAL OFF-CENTER AGITATOR WITH TWO 32" 3 BLADED TURBINES AND BOTTOM KICKER POWERED BY A SINGLE SPEED, INVERTER DUTY, TEFC NORD 7-1/2 HP SK9032.1VZ-132S/4 OPERATING @ 73 RPM 230/460/60/3 (LESS SWITCH) INCLUDES SPRING LOADED CIP SEAL, FOOD GRADE LUBE IN GEARBOX, AND BOTTOM SHAFT GUIDE W/ REPLACEABLE NYLON BEARING. NOTE CIP SEAL WILL NOT HOLD VACUUM.	AGITATION
F	1/2"	1	THERMOWELL W/ 5" DIAL THERMOMETER (20° TO 240° F RANGE)	THERMOMETER
G	-	1	ROSEMOUNT SHORT LEVEL SHELL IN BOTTOM HEAD (LESS INSTRUMENT) ROSEMOUNT # 01199-0061-0001	LEVEL
H	1.5"x3"	1	1-1/2" SANITARY CLAMP CONNECTION W/ REMOVABLE SINGLE SPRAY BALL MOUNTED IN 3" SANITARY CLAMP CONNECTION	CIP
<div>B</div> J	6"	8	STAINLESS STEEL PIPE SUPPORTS WITH ADJUSTABLE BALL FEET AND HORIZONTAL BRACING	LEG SUPPORT
K	-	2	304 SS LIFTING LUGS	LIFT LUGS
L	-	1	LOUVERED MANWAY DOOR (NOT SHOWN)	CIP DOOR
<div>B</div> M	-	-	STAINLESS STEEL OSHA APPROVED DOUBLE RAIL WITH 6" TOE PLATE AROUND THE TOP HEAD FOR A HARNESS TIE DOWN MILL FINISH (BOLTED CONSTRUCTION) SHIPPED LOOSE FOR FIELD INSTALLATION BY OTHERS	TIE DOWN
<div>B</div> N	-	-	36" X 48" STAINLESS STEEL OSHA APPROVED PLATFORM WITH GATE MILL FINISH (BOLTED CONSTRUCTION) SHIPPED LOOSE FOR FIELD INSTALLATION BY OTHERS	PLATFORM
P	1/2"	1	THERMOWELL FOR ROSEMOUNT TEMPERATURE TRANSMITTER IN THE BOTTOM HEAD (ROSEMOUNT EQUIVALENT) (LESS DEVICE)	TEMPERATURE
<div>B</div> Q	3/4"	1	FEMALE NPT STN STL CONNECTION LOCATED IN THE OUTLET	OUTLET

GENERAL NOTES:

- ALL PRODUCT CONTACT MATERIAL TO BE 316L SS UNLESS NOTED OTHERWISE NOTED.
- MANWAY DOOR MUST BE OPEN DURING CIP WITH LOUVERED DOOR IN PLACE.

INTERNAL FINISH SPECIFICATION:	
MATERIAL:	#4 FINISH
WELDS:	GROUND SMOOTH AND POLISHED 150 GRIT MINIMUM
EXTERNAL FINISH SPECIFICATION:	
MATERIAL:	HRAP
WELDS:	GROUND SMOOTH AND POLISHED 150 GRIT MINIMUM
EXCEPTIONS: LEGS, LIFT LUG LEG BRACING MOTOR SUP'T MANWAY HRDW STIFFING RINGS	CLEANED ONLY TO REMOVE WELD DISCOLORATION

<div>B</div> APPROXIMATE WEIGHTS:		
EMPTY VESSEL:	9,500 LBS.	FULL @ NOM. CAPACITY: 66,000 LBS. USING PRODUCT S.G. = 1.04

<div>B</div> <i>CIP REQUIRED:</i>	<i>60 GPM @ 25 PSIG EACH BALL</i>
	<i>180 GPM @ 25 PSIG TOTAL</i>

DESIGN DATA				
VESSEL NOMINAL CAPACITY: △ 6,500 U.S. GALLONS				
TANK DESIGN CONDITIONS: NON-CODE VESSEL WORKING @ ATMOSPHERIC CONDITIONS HEADS & SHELL DESIGNED FOR FULL VACUUM @ 250° F				
VESSEL MATERIAL:	SPEC.	GRADE	THICKNESS/CLASS	NOTES
SHELL:	SA-240	316L	5/16" THK	120" I.D.
TOP HEAD (ASME 80-10):	SA-240	316L	3/8" NOM .2897" MIN	120" I.D.
BOTTOM HEAD (ASME 80-10):	SA-240	316L	3/8" NOM .2897" MIN	120" I.D.
PRODUCT CONTACT PIPING:	SA-312	316L	SCH 40	
PRODUCT CONTACT TUBING:	SA-479	316L	-	
SANITARY FERRULES:	SA-479	316L	-	
THERMOWELL:	SA-479	316L	-	-
LEVEL SHELL:	SA-479	316L	-	-
SHELL STIFFENER RINGS:	SA-240	304	△ 3/4"x 3-1/2"	PITCHED 2° TO DRAIN (QTY = 2) △
OTHER MATERIAL:				
LIFTING LUGS:	SA-240	304	-	-
HORIZONTAL BRACING:	SA-312	304	△ 1-1/2" SCH 40	-
LEGS:	SA-312	304	□ 6" SCH 40	WITH ADJUSTABLE BALL FEET
MOTOR RAILS:	SA-312	304	3" SCH 40	-
AGITATOR SHAFT:	SA-312	316L	2-1/2" SCH 40	
TIE DOWN: △	SA-312	304	1-1/4" SCH 10	
MANWAY GASKET:	-	-	-	BUNA WHITE
SHOP TOLERANCES:				
DEVIATION FROM VERTICAL: ± 1/2" OUT OF ROUNDNESS: ± 1" OF NOM. "D"		NOZZLES: PROJECTION: SHORTEST DISTANCE FROM OUTSIDE SURFACE TO FLG. FACE ± 1/4" DEVIATION FROM HORIZONTAL, VERTICAL OR INTENDED POSITION ± 1/2" DEVIATION OF BOLT HOLES IN ANY DIRECTION ± 1/8" DEVIATION FROM ANGULAR LOCATION ± 1/2'.		
HEADS: OUTER PROFILE: NOT TO EXCEED 1.25" OF NOM. "D" INNER PROFILE: NOT TO EXCEED .625" OF NOM. "D"				
MANWAY: LOCATION IN ANY PLANE ± 1/2"				
SUPPORTS: DEVIATION FROM ANGULAR LOCATION ± 1'. DEVIATION FROM REFERENCE LINE ± 1/4".		WELD FILLET SIZE: + 1/8", - 0"		

<div>C</div>	ADDED REINFORCING PLATE TO ITEM 'A' MANWAY	7/14/08	JSH	<div>B</div>	ITEM 'A' HAD SAMPLE PORT ITEM 'B' ADDED CONNECTION ITEM 'D' WAS QTY (2) ITEM 'E' HAD A SIDEWALL BAFFLE ITEM 'J' WAS 4" NEEDS TO BE 6" PER CALCS ITEM 'M' AND ITEM 'N' REVISED TO OSHA STANDARDS ITEM 'Q' ADDED OUTLET HEIGHT WAS 24" O.A.H. WAS 18' CIP FLOW RATE WAS 40 GPM PER BALL REVISED TANK WEIGHTS PER NEW STR SIDE AND VOLUME	06/18/08	ATB
				<div>A</div>	ADDED ITEM 'M', 'N' & 'P' TANK STR. SIDE WAS 192" TANK CAPACITY WAS 10,000 GALLONS LEGS WERE QTY (6) HORIZONTAL BRACING WAS 2" SCH. 40 PIPE RING SEGMENTS WERE 1" x 3-1/2" & QTY (3) COMBINED SHEETS #2 & #3		
NO.	ALTERATION	DATE	CHG. BY	NO.	ALTERATION	DATE	CHG. BY

QUOTE N 010882s3		P.O. No. 531527	
<div>FELDMEIER EQUIPMENT</div> <div>575 E. Mill Street Little Falls, New York 13365</div>			
DRAWN BY:RSS	ENGRG. Approved By	Al	REV C
DATE 5/14/08			SHEET: 1 of 2
<div>A</div> QTY (1) 6,500 GALLON, 120" I.D. VERTICAL, SINGLE SHELL 'CVD' STORAGE TANKS			
SOLD TO: STATCO ENGINEERING 7595 REYNOLDS CIRCLE, HUNTINGTON BEACH, CA 92647			
SHIP TO: COCA COLA 7551 SCHANTZ RD, ALLENTOWN, PA 18106			DRAWING NO. E-376-08

