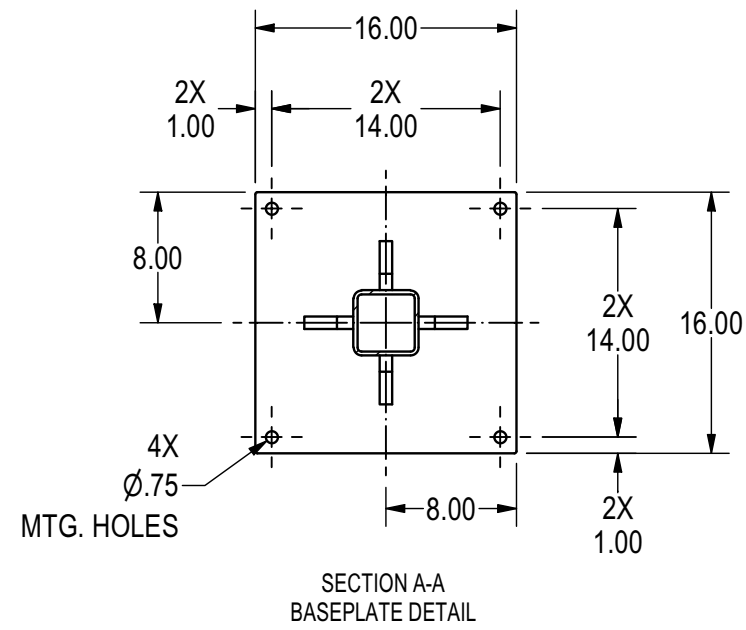
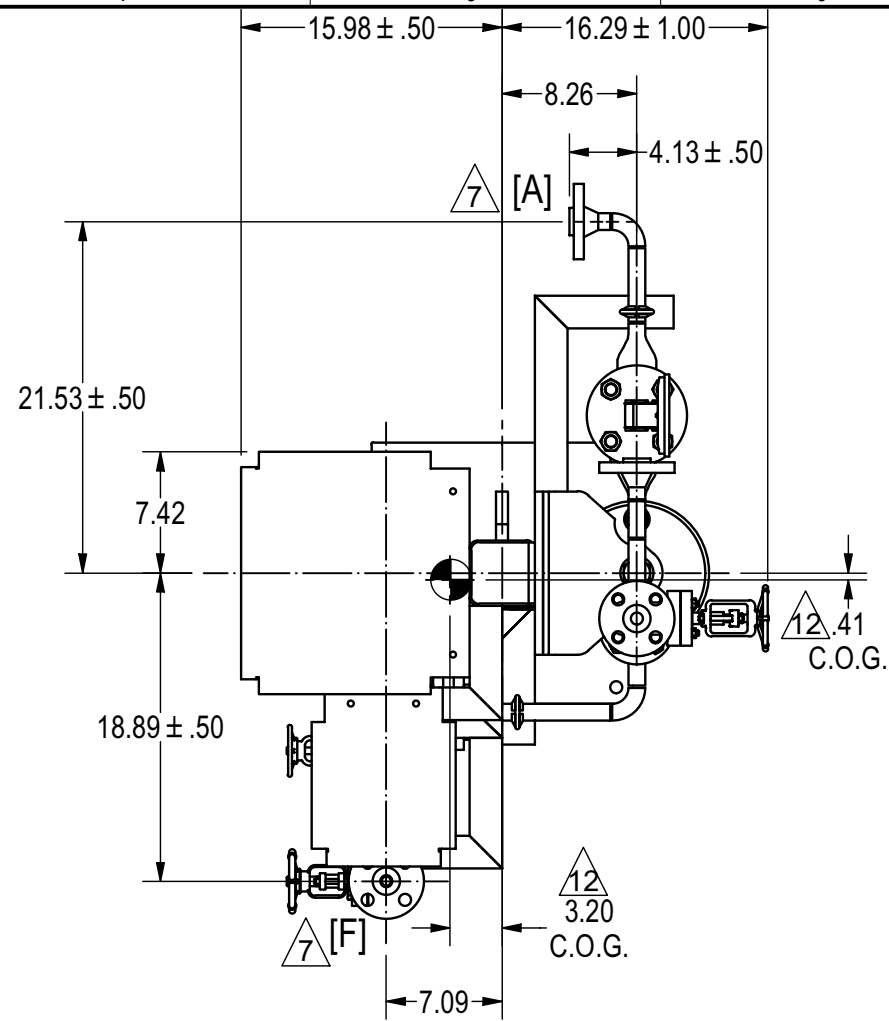
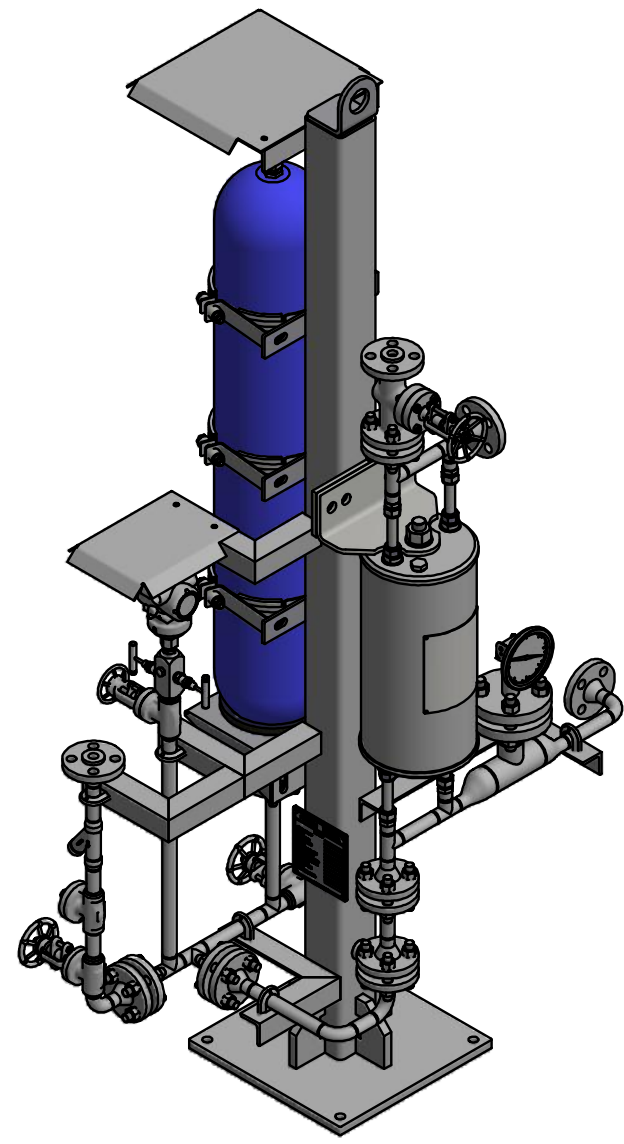
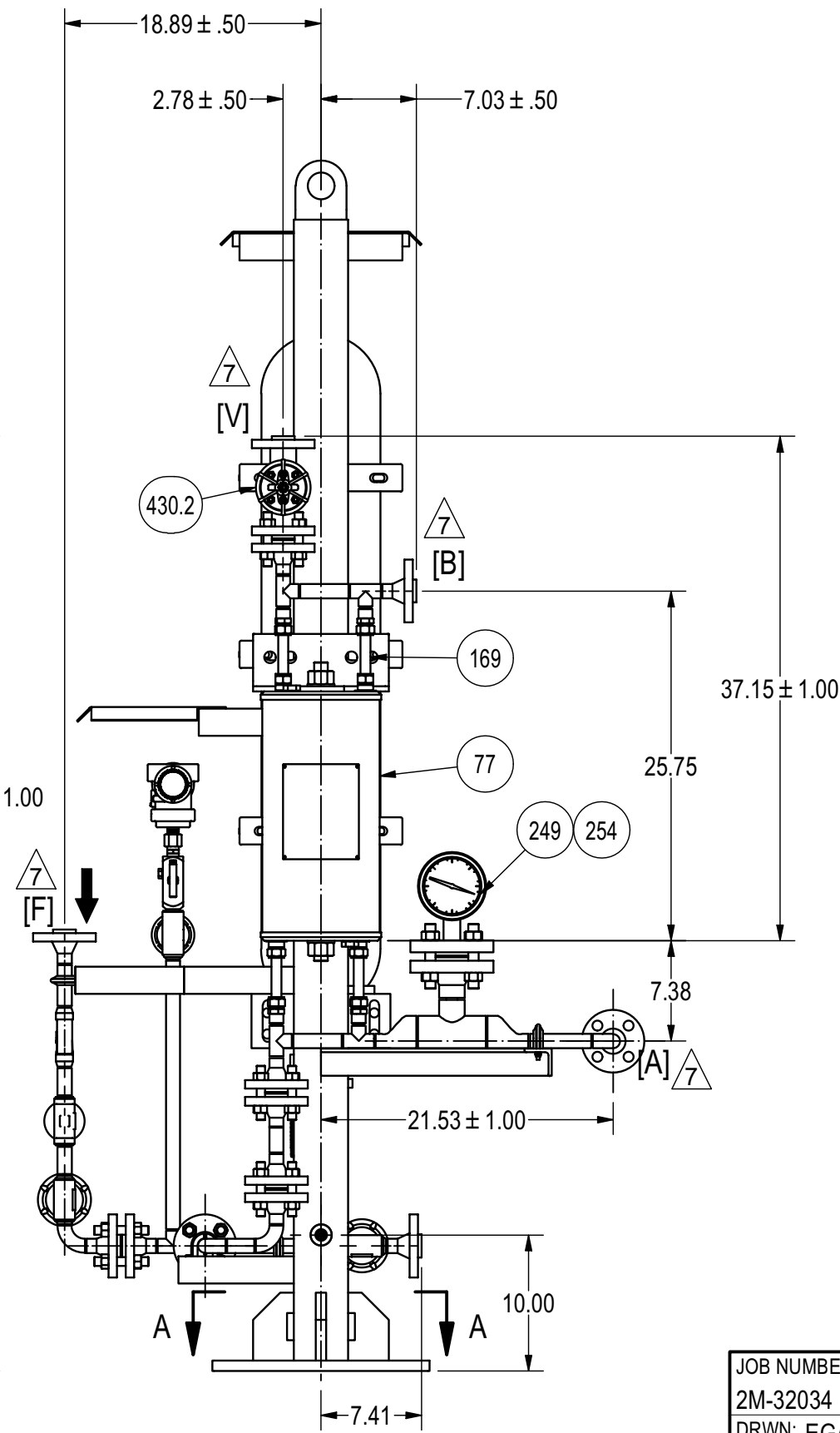
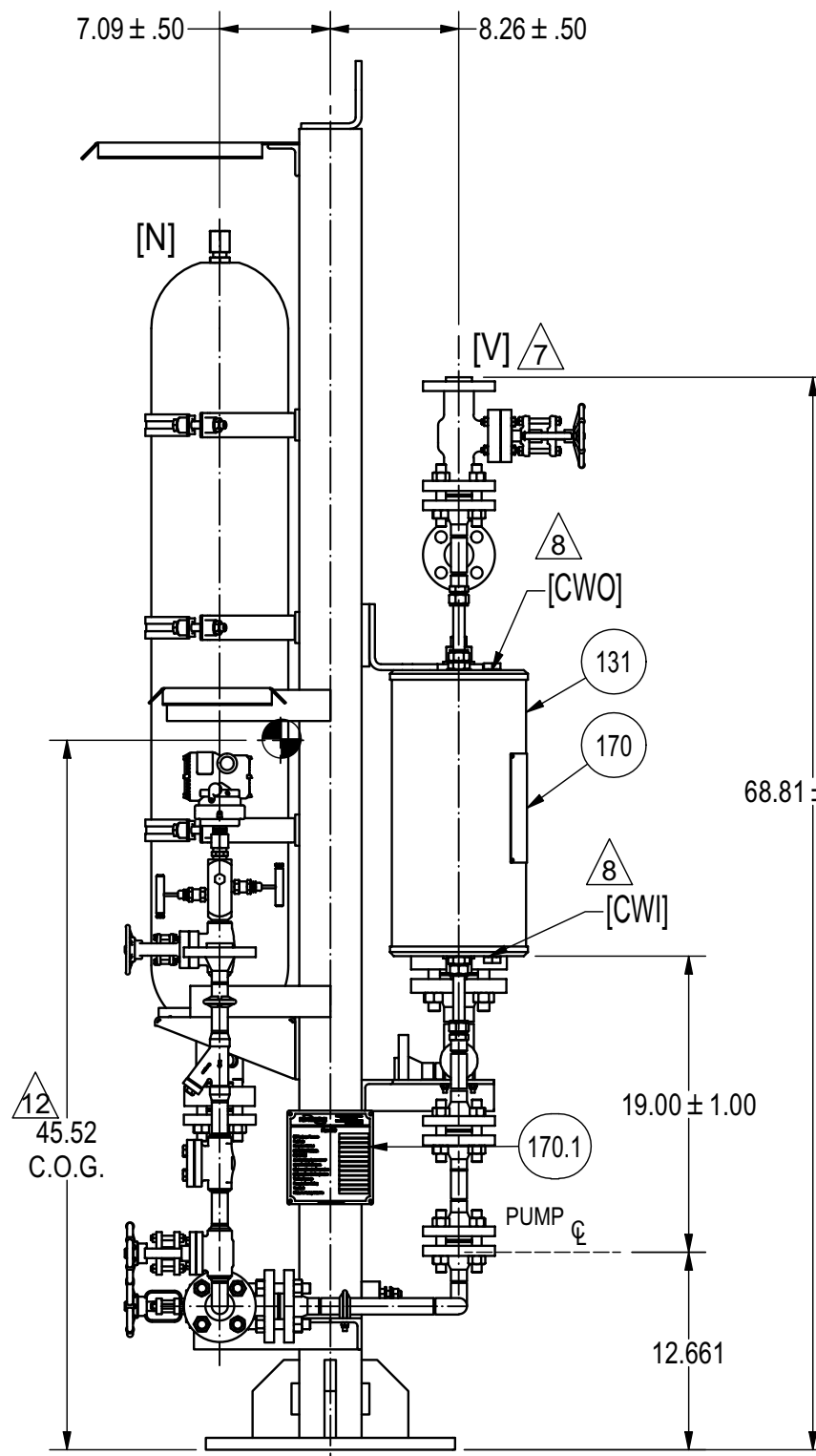
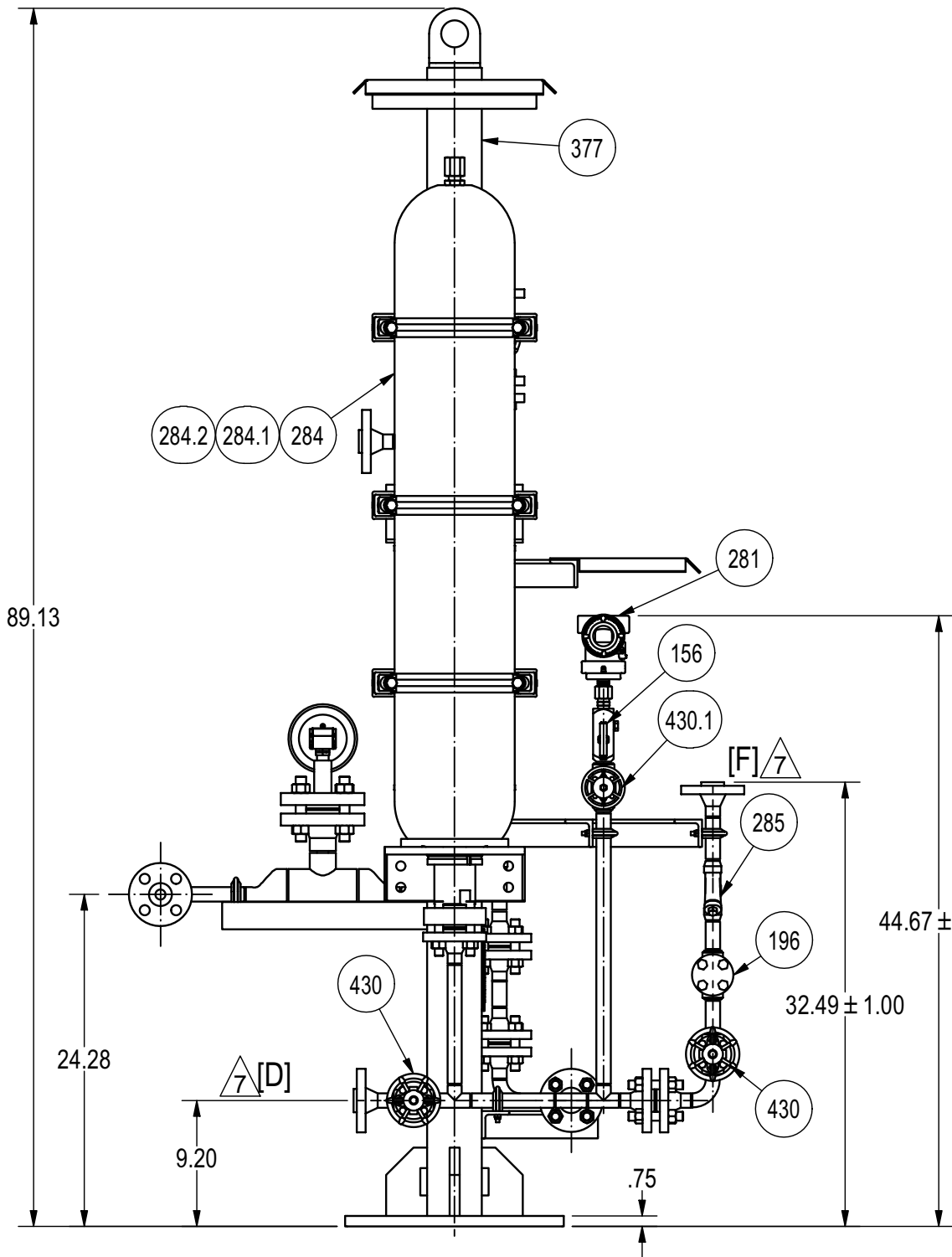
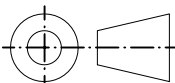




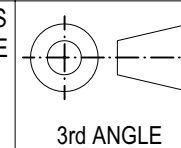
SEE SHEET 2 OF 2 FOR BOM,
P&ID AND NOTES



CONNECTIONS TABLE		
CONNECTIONS	TYPE	DESCRIPTION
A	SUPPLY TO SEAL	3/4" CL. 600 RFVN
B	RETURN FROM SEAL	3/4" CL. 600 RFVN
D	DRAIN	3/4" CL. 600 RFVN
F	FILL	3/4" CL. 600 RFVN
V	VENT	3/4" CL. 600 RFVN
CWI	COOLING WATER INLET	3/4" (F)NPT
CWO	COOLING WATER OUTLET	3/4" (F)NPT
N	BLADDER CONNECTION	1/4" BSPM

JOB NUMBER 2M-32034		 AMSS Seals & Systems					
DRWN: EGARCÍAPEREZ							
DATE: 18-NOV-2021		DRAWING TITLE AUXILIARY GENERAL ARRANGEMENT PLAN 53B, 682H SEAL COOLER					
CHKD: EPADILLA							
DATE: 18-NOV-2021							
APVD:							
DATE:							
ALL DIMENSIONS ARE REFERENCE UNLESS OTHERWISE SPECIFIED		SIZE		DRAWING NUMBER		REV.	
 3rd ANGLE		C/A2		2M-32034		D	
		SCALE TO SCALE		UNITS inch		SHEET 1 OF 2	

DIM TOLERANCES (UNLESS SPECIFIED)
X.XX = ± .25 X.XXX = ± .125 ANGLE = ± 0.5°



3rd ANGLE

D	23-4241	17-MAR-2023	EDRODRIGUEZ	EPADILLA	
DESC: UPDATED REVISION TO MATCH SHEET 2					
REV.	CHG NO.	DATE	REVD	CHKD	APVD
THIS PROPRIETARY AND/OR CONFIDENTIAL MATERIAL IS THE PROPERTY OF FLOWERVE CORPORATION AND IS FURNISHED ONLY FOR THE PURPOSE INDICATED. FLOWERVE RESERVES ALL RIGHTS IN THE MATERIAL, AND DOES NOT CONVEY PERMISSION TO MANUFACTURE OR USE THE CONFIDENTIAL OR PROPRIETARY INFORMATION CONTAINED HEREIN.					

Flowserve S. de R.L. de C.V.
Tlaxcala Systems
Phone: + 52 (246) 465-2600
01 (246) 465-2600

PLAN 53B

N2 Precharge Pressure

41 PSIG

Part Code

B0569867-Q1

Pump Item Number

9 SEE NAMEPLATE TABLE

Manufacturer Serial No.

10

Barrier Fluid

20

Auxiliary Piping System MAWP

690 PSIG

Hydrostatic Test Pressure

1035 PSIG

Maximum Allowable Temperature

240 °F

Minimum Allowable Temperature

-20 °F

Working Pressure

69 PSIG

Pressure Alarm Setting

51 PSIG

Year Built

11

Flowserve Factory Order No.

2M-32034

9 SERIAL: SEE NAMEPLATE TABLE
TAG: SEE NAMEPLATE TABLE

PRODUCT OF MEXICO

FLOWSERVE 19

682 Seal Cooler

CERTIFIED BY

SHELL MAWP: 298 PSIG @ 302 °F [20.5 BARG @ 150 °C]

SHELL MDMT: -54 °F @ 298 PSIG [-48 °C @ 20.5 BARG]

S/N: 10

CRN: - YEAR BUILT: 11

TUBE MAWP: 3700 PSIG @ 700 °F [255 BARG @ 371 °C]

TUBE MDMT: -76.0 °F @ 3700 PSIG [-60 °C @ 255 BARG]

HYDROTEST PRESSURE: 5550 PSIG [382 BARG]

DATE: 11

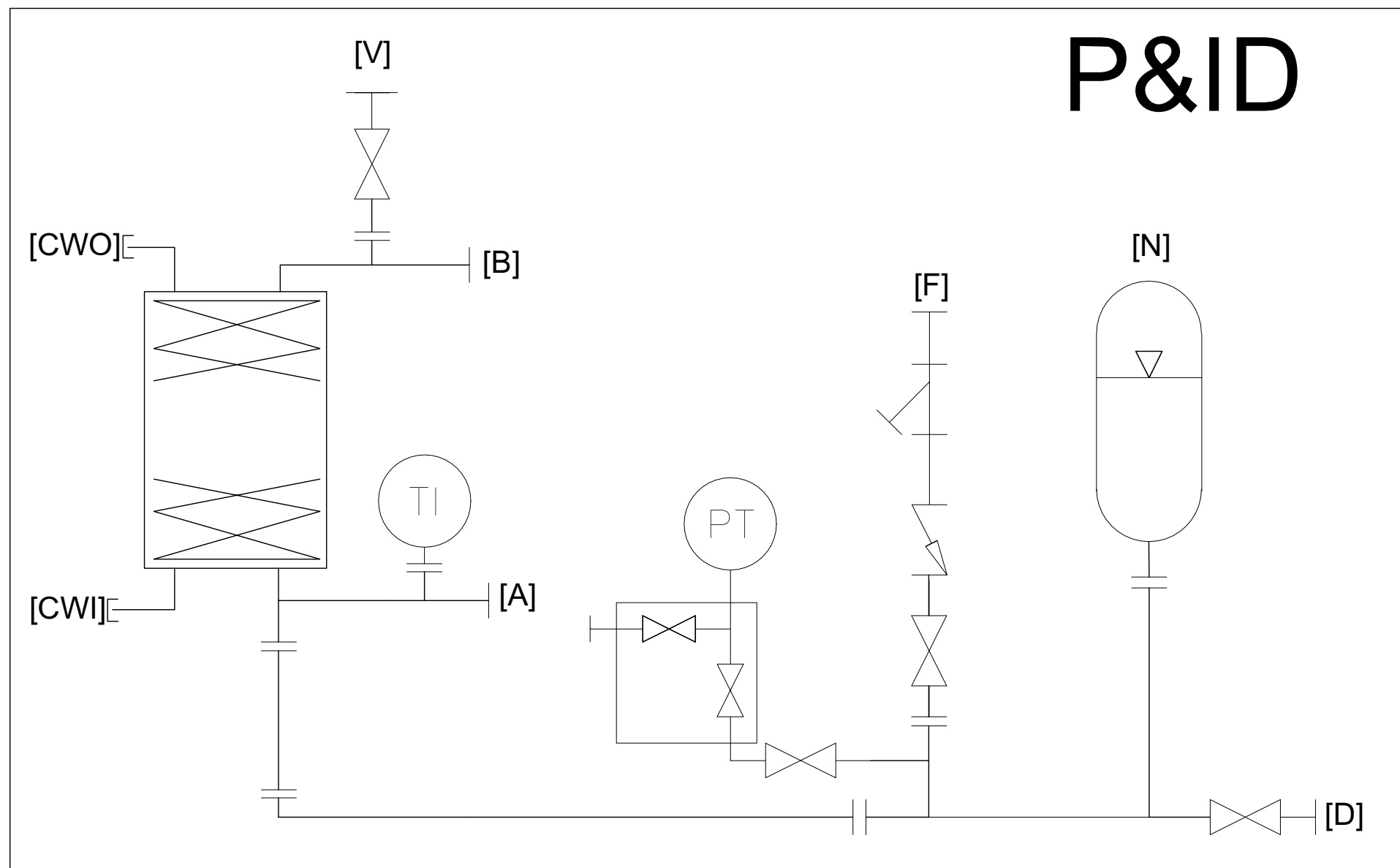
PART NUMBER: B0566814-Q1

PRODUCT OF: 19

IMPORTANT: ALL TRAPPED GAS SHALL BE VENTED FROM THIS SYSTEM PRIOR TO OPERATION TO PREVENT DAMAGE TO THE MECHANICAL SEAL

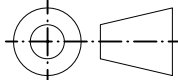
- NOTES:**
1. DESIGNED AND FABRICATED TO MEET API 682 4TH EDITION.
 2. MAWP 690 PSIG @ -20 TO 240°F.
 3. HYDRO @ 1.5 X MAWP (690 PSIG) = 1035 PSIG.
 4. BOM PARTS LISTING IS FOR COMPONENT SELECTION ONLY. FLOWSERVE RESERVES THE RIGHT TO SUBSTITUTE PARTS OF EQUAL QUALITY AND CAPABILITY THAT MEET ALL REQUIREMENTS.
 5. CMTRS FOR ALL PRESSURE CONTAINING PARTS PER EN 10204 3.1.
 6. TOTAL SYSTEM ESTIMATED WEIGHT (EMPTY): 1302 LBS. FULL WEIGHT (1600 LBS).
 7. THE FLANGE COVERS ARE FOR SHIPPING ONLY, AND MUST BE REMOVED PRIOR TO FINAL INSTALLATION.
 8. DO NOT OVERTIGHTEN PIPE PLUGS.
 9. MARK NAMEPLATE ACCORDING TO NAMEPLATE TABLE.
 10. MANUFACTURER SERIAL NUMBER WILL BE MARK WHEN THE PRODUCT IS MANUFACTURED.
 11. MARK YEAR ACCORDING TO CURRENT YEAR OF CONSTRUCTION.
 12. CENTER OF GRAVITY (C.O.G.).
 13. ALL CARBON STEEL COMPONENTS TO BE PAINTED PER FLOWSERVE STANDARD TU-WI-07 SYSTEM B, RAL 7039, (CSM-HIGH).
 14. 100% RADIOGRAPHY TEST REQUIRED.
 15. INSTRUMENT TAGGING FOR INSTRUMENTS REQUIRED.
 16. WIRING TO JB BY OTHERS.
 17. MATERIAL ORIGIN SHALL BE FROM THE FOLLOWING COUNTRIES: AUSTRIA, BELGIUM, CANADA, CZECH REPUBLIC, DENAMARK, FINLAND, FRANCE, GERMANY, IRELAND, ITALY, JAPAN, LUXEMBURG, LIECHTENSTEIN, THE NETHERLANDS, NORWAY, MEXICO, POLAND, SPAIN, SOUTH KOREA, SOUTH AFRICA, SWEDEN, SWITZERLAND, TAIWAN, THE UNITED KINGDOM, AND THE UNITED STATES OF AMERICA.
 18. WELDING SHALL BE AS PER CUSTOMER SPEC "A8KM-PP-000-50502-A & A8KM-PP-000-500550-A".
 19. MISSING NAMEPLATE INFORMATION WILL BE MARK WHEN THE PRODUCT IS MANUFACTURED.
 20. SUGGESTED BARRIER FLUID TO BE DURACLEAR-5-F.

BILL OF MATERIAL NO: B0569867-Q1					1 SUGGESTED SPARE PARTS 2 CODE: BSC[X] / OFF STD[W]	
NO	PART CODE	QTY	DESCRIPTION	MATERIAL	1	2
77	B0566814-Q1	1	SEAL COOLER - BASE CORE API 682 SEAL COOLER: 316 SS TUBING & 316 SS CASING	MULTIPLE MATERIALS		
131	2R24048X967-S09	1	BODY - OUTER CASING	SA-312 TP316/316L WELDED		X
169	2R24050X915-S20	1	COIL ASSEMBLY 0.75" X .095 WALL TUBE	ASTM A213 TP316/ 316L SMLS /316		X
170	C0447085X944	1	NAMEPLATE ASME / PED API 682 COOLER	SA-240 TY316/316L PLATE		
156	U3DPU012075-S06	1	VALVE BLK/BLD 3/4" (M)NPT X 1/2" (F)NPT, PROCESS CONNECTION 3/4" NPT - M, INSTRUMENT CONNECTION 1/2" NPT- F, DRAIN CONNECTION 1/4" NPT-F AGCO: M25V/S-46	316SS		
170.1	U3DPU130406	1	NAMEPLATE FOR PLAN 53B	18-8		
196	C0559344ZZ-S01	1	CHECK VALVE PISTON TYPE WITH SPRING, CL. 800, 3/4 IN BW, SCH.80, BOLTED BONNET, REDUCED BORE	316 SS		
249	C0571661ZZ-S01	1	TEMPERATURE INDICATOR 0 TO 150°F BIMETAL 5" DIAL, 1/2" NPT CONN. ASHCROFT: 50E160E090XC4SGVW 0/150F	316 SS		
254	C0586703ZZ-S01	1	THERMOWELL 1 1/2" RF 600# PROCESS CONNECTION, 1/2" NPT GAUGE CONNECTION REOTEMP: 156R26-TU060L095-DPWKMTML	316 SS		
281	C0558862ZZ-Q2	1	PRESSURE TRANSMITTER -14.7 TO 800 PSI HART LCD / 1/2 NPT CL.1, DIV.1, GRPS. B,C,D 1/2 NPT ELEC CONN, FM EXPLOSION-PROOF ROSEMOUNT: 3051TG3A2B21AE5Q4Q8M5Q25	316L SS WETTED		
284	C0524822ZZ	1	ACCUMULATOR 35 LITRE, 2" BSP, BLADDER: NITRILE, GAS CONN 1/4" BSPM, U STAMP, PED2014/68/EU QHP: QB035-A06-F-10-201B	CHROMIUM MOLYBDENUM STEEL		
284.1	C0525037ZZ	1	ACCUMULATOR PROCESS ADAPTER, 3/4 IN 300#/600# RF	316/316L SS		
284.2	C0351034ZZ	1	ACCUMULATOR 0 - 10 BARG / 0 - 25 BARG / 0 - 60 BARG, 2.5 M HOSE	MULTIPLE MATERIALS		
285	C0559345ZZ-S01	1	STRAINER 3/4", BW(S/80), 800 LB, 100 MESH	316 SS		
377	B0569868	1	STAND 4" SQUARE TUBE W/ 16" X 16" X 3/4" THK BASEPLATE	304/304L SS		
430	C0559346ZZ-S01	2	GATE VALVE BOLTED BONNET 800 LBS, OS&Y, 3/4" BW, S/80	316 SS		
430.1	C0559347ZZ-S01	1	GATE VALVE CL. 800, 3/4" BW X 3/4" NPT, S/80, BOLTED BONNET, REDUCED BORE	316 SS		
430.2	C0559349ZZ-S01	1	GATE VALVE 3/4" FLANGED, OS&Y, BOLTED BONNET 600 RF	316 SS		



SEE SHEET 1 OF 2 FOR
GENERAL ARRANGMENT

CONNECTIONS TABLE		
CONNECTIONS	TYPE	DESCRIPTION
A	SUPPLY TO SEAL	3/4" CL. 600 RFWN
B	RETURN FROM SEAL	3/4" CL. 600 RFWN
D	DRAIN	3/4" CL. 600 RFWN
F	FILL	3/4" CL. 600 RFWN
V	VENT	3/4" CL. 600 RFWN
CWI	COOLING WATER INLET	3/4" (F)NPT
CWO	COOLING WATER OUTLET	3/4" (F)NPT
N	BLADDER CONNECTION	1/4" BSPM

OPERATING DATA											
PRODUCT: SOUR WATER/SLOPS					RPM: 3520						
TEMP: 200°F RATED / 250°F Max					EQUIP SERIAL NO: M03A771-PL53B						
SPEC GRAVITY: 0.7 RATED / 1.0 Max					EQUIP ITEM NO: 18-P-1847 A/B						
VISCOSITY: 1 cP					API PLAN: 53B						
VAPOR PRES: 14.70 psiA					API CODE: 3CW-FB						
SEAL CHAMBER PRES: 17.46 psiG					SERVICE: FLARE KNOCK OUT DRUM PUMP						
SUCTION PRES: 2.20 psiG RATED / 11.0 psiG Max					API 682 CODE: 23A-PIN-040-53B						
DISCH PRES: 43.30 psiG					BGM ORDER: OV10855-2						
CUSTOMER DATA					ULTIMATE USER: WORLD ENERGY PARAMOUNT						
CUSTOMER: BOMBAS GOULDS DE MEXICO,S					ADDRESS: PARAMOUNT, CA UNITED STATES						
ADDRESS: INDUSTRIAL, 13					CUSTOMER P.O.: 48847						
JOB NUMBER 2M-32034					AMSS Seals & Systems						
DRWN: EGARCIA PEREZ					AUXILIARY FORM PLAN 53B, 682H SEAL COOLER						
DATE: 18-NOV-2021											
CHKD: EPADILLA											
DATE: 18-NOV-2021											
APVD:											
DATE:											
ALL DIMENSIONS ARE REFERENCE UNLESS OTHERWISE SPECIFIED					SIZE C/A2		DRAWING NUMBER 2M-32034			REV. D	
3rd ANGLE			SCALE TO SCALE		UNITS inch		SHEET 2		OF 2		

D	23-4241	17-MAR-2023	EDRODRIGUEZ	EPADILA	
	DESC: UPDATED SPECIFIC GRAVITY AND INSTRUMENT TAGGING INFORMATION				
REV.	CHG NO.	DATE	REVD	CHKD	APVD
THIS PROPRIETARY AND/OR CONFIDENTIAL MATERIAL IS THE PROPERTY OF FLOWSERVE CORPORATION AND IS FURNISHED ONLY FOR THE PURPOSE INDICATED. FLOWSERVE RESERVES ALL RIGHTS IN THE MATERIAL, AND DOES NOT CONVEY PERMISSION TO MANUFACTURE OR USE THE CONFIDENTIAL OR PROPRIETARY INFORMATION CONTAINED HEREIN.					

INSTRUMENT TAGGING INFORMATION		
TAG	PT	TI
18-P-1847 A	18-PT-P1847AA	TI-150-9
18-P-1847 B	18-PT-P1847BA	TI-150-9

NAMEPLATE TABLE	
SERIAL	TAG
M03A771-PL53B	18-P-1847 A
M03A771-PL53B	18-P-1847 B

DIM TOLERANCES (UNLESS SPECIFIED)
X.XX = $\pm .25$ X.XXX = $\pm .125$ ANGLE = $\pm 0.5^\circ$