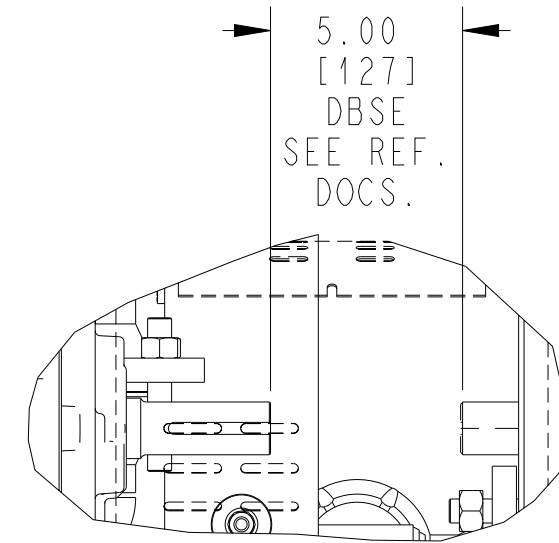
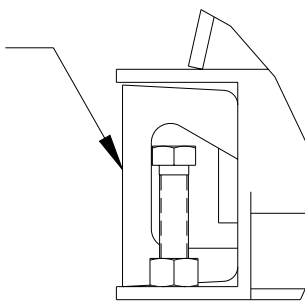




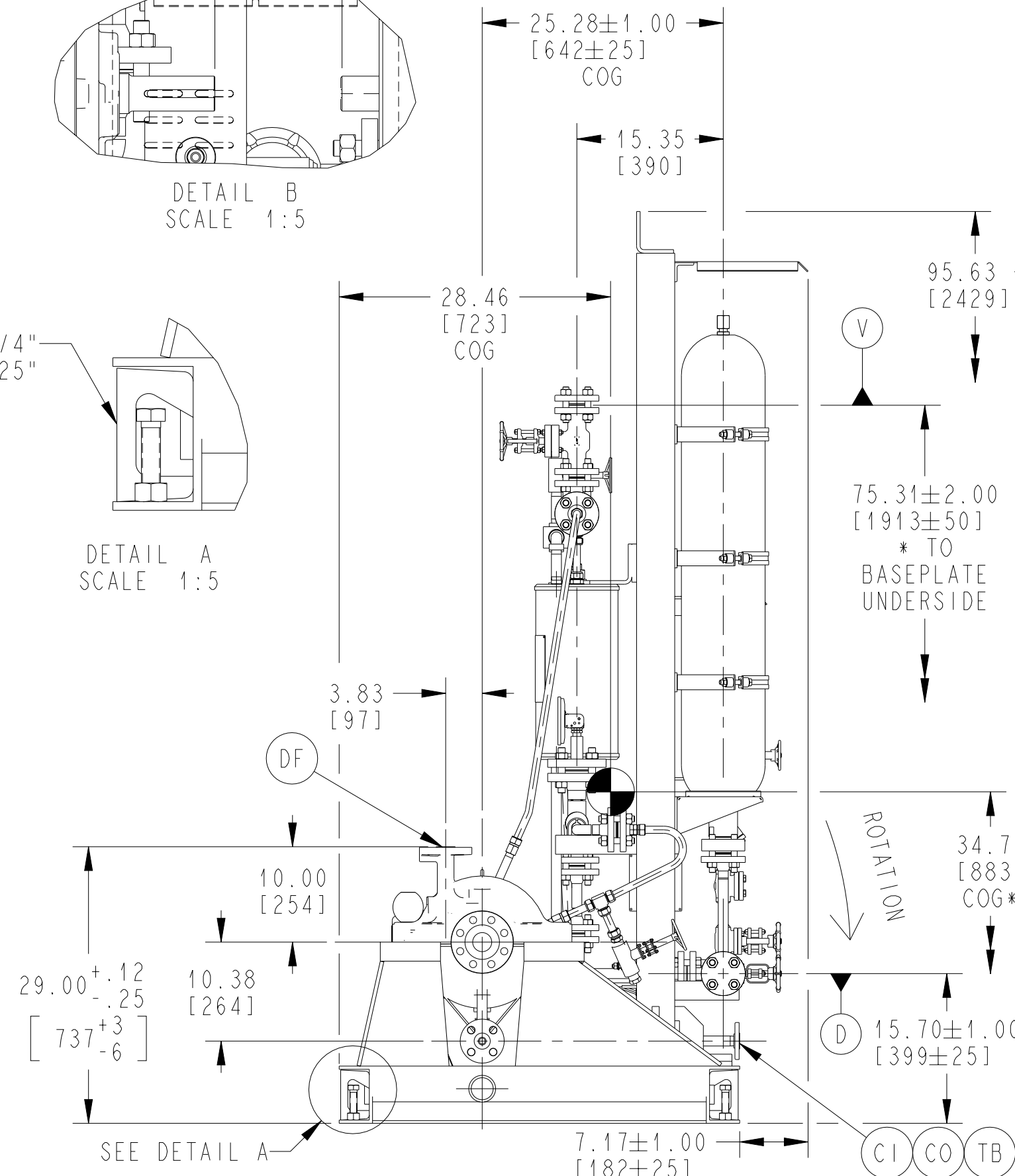
OPERATING CONDITIONS	
LIQUID: SOUR WATER	VELOCITY: 3520 RPM
TEMP.: 250°F	EFFICIENCY: 31.1%
VAPOR PRESS.: 14.70 PSIA	POWER: 3.8 HP
SP. GR.: 0.70	NPSH R/A: 4.0/7.3 FT
VISCOSITY: 1.00	PRESS. DISCH/ SUCT.:
CAPACITY: 50.0 GPM	43.3 / 2.2 PSIG
HEAD: 135.7 FT	IMP. DIA.: 6.08"



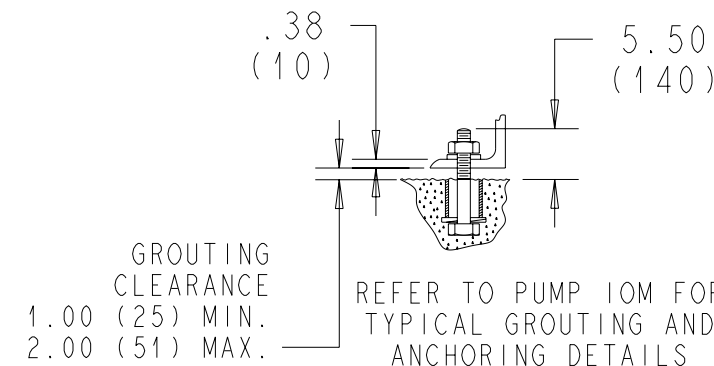
DETAIL B
SCALE 1:5



DETAIL A
SCALE 1:5

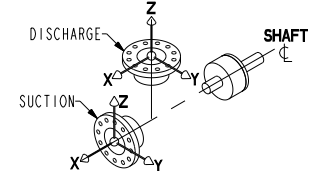


TYPICAL ANCHOR BOLT INSTALLATION



NOTES

- FLANGES CONFORM TO ANSI STANDARDS. BOLT HOLES STRADDLE ϕ . (B16.5 STEEL OR B16.1 IRON)
- DIMENSIONAL TOLERANCE TO PIPED CONNECTIONS IS ± 0.50 (13) EXCEPT FOR PUMP SUCTION AND DISCHARGE.
- ROUTING OF PIPELINES IS APPROXIMATE AND MAY VARY AFTER ASSEMBLY
- ϕ REFER TO MECHANICAL SEAL DRAWING FOR GLAND DETAIL.
- REFER TO PUMP IOM FOR TYPICAL GROUTING AND ANCHORING DETAILS.
- BASEPLATE IS SUPPLIED WITH MOTOR ALIGNMENT SCREWS (NOT SHOWN).



FORCE	2" SUCTION		1" DISCHARGE	
	LBS	(N)	LBS	(N)
F _x	400	1780	320	1420
F _y	320	1420	260	1160
F _z	260	1160	400	1780
MOMENTS	2" SUCTION		1" DISCHARGE	
	LBS-FT	(N-M)	LBS-FT	(N-M)
M _x	680	920	680	920
M _y	340	460	340	460
M _z	520	700	520	700

COUPLING SPECIFICATIONS

MFR: THOMAS	
TYPE: XTSR71	SIZE: 494
GUARD PROVIDED: YES	
GUARD MATERIAL: ALUMINUM	

SEAL SPECIFICATIONS

MFR: FLOWERVE	
TYPE: CARTRIDGE PRESSURIZED DUAL	PLAN: 53B & M
GLAND TYPE: QBB / QBO	

DRIVER SPECIFICATIONS

MFR: NIDEC	
POWER: 7.5 HP	FRAME: 213T
PHASE: 3	RPM: 3600
HERTZ: 60	VOLTS: 460
ENCLOSURE: TEFC	

WEIGHTS (WEIGHTS ARE APPROXIMATE)				
ITEM	WET		DRY	
	LBS	KG	LBS	KG
PUMP	230	105	227	103
COUPLING	5	2	5	2
DRIVER	150	68	150	68
BASEPLATE	798	362	798	362
PLAN 53B	1600	726	1302	591
TOTAL	2783	1265	2482	1128

MODEL: 3700 GROUP: SA

SIZE:	1x2-7
LUBRICATION:	RING OIL LUBE
BEARING ARRANGEMENT:	BALL - BALL
BASEPLATE:	FABRICATED STEEL
PUMP ROTATION:	CCW (FROM COUPLING END)

CERTIFIED FOR CONSTRUCTION ONLY WHEN SIGNED.

SIGNATURE:	EGJ	DATE:	11/26/21
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CUSTOMER DATA

EQUIPMENT OWNER: AIR PRODUCTS MANUFACTURING LLC
CUSTOMER: WORLD ENERGY PARAMOUNT
GOULDS SERIAL NO.: GM03A771-1/12
PRODUCT NO: OV10855-2
CUSTOMER P.O. NO.: 4505515682
PUMP ITEM NO.: 18-P-1847 A/B
SERVICE: FLARE KNOCK OUT DRUM PUMP

GENERAL ARRANGEMENT DRAWING



ITT



DRAWING SCALE: 3:40

DIMENSIONS IN INCHES[mm]

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DRAWN EGJ 11/26/21	CHECKED RSA 11/26/21	APPROVED EPG 11/26/21	© BY ITT CORPORATION 2013-2021
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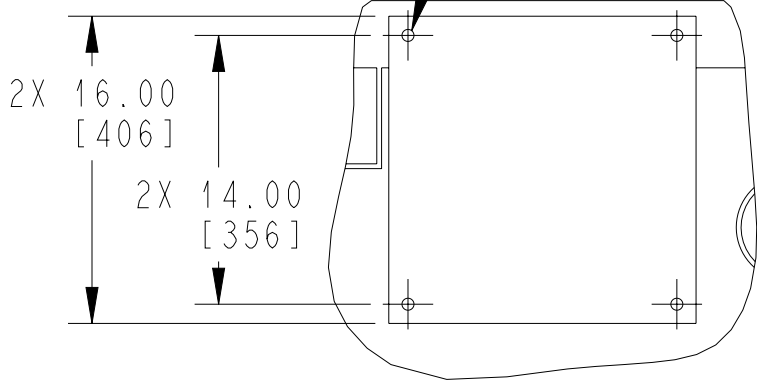
OF 2

4	- SUBMISSION DATES, REV 3 UPDATED - TI TAG UPDATED	EGJ	05/22/23
3	- TI TAGS UPDATED	EGJ	02/27/23
-	ANOTHER PREV REVISION, SEE PREVIOUS DWG		
REV	DESCRIPTION	APPROVAL	DATE

INSTRUMENT TAG NUMBERS			
TAG	TI	PT	FG
18-P-1847 A	TI-150-9	18-PT-P1847 AA	18-FG-P1847 AA
18-P-1847 B	TI-150-9	18-PT-P1847 BA	18-FG-P1847 BA

4

4X HOLES
Ø 5/8-11 UNC



DETAIL D
SCALE 1:10

CONNECTIONS TABLE						
NO	SIZE	TYPE	QTY	PURPOSE	STATUS	FOR USE BY
DF	1	300# R.F.	1	DISCHARGE FLANGE	COVERED	CUSTOMER
SF	2	300# R.F.	1	SUCTION FLANGE	COVERED	CUSTOMER
TB	3/4	300# R.F.	1	CASING DRAIN	COVERED	CUSTOMER
TF	1/2	FNPT	1	BEARING FRAME DRAIN	PLUGGED	CUSTOMER
TY	1/2	FNPT	1	BEARING FRAME OIL FILL	PLUGGED	CUSTOMER
BD	2	FNPT	1	BASEPLATE DRAIN	OPEN	CUSTOMER
A	3/4	600# R.F.	1	SUPPLY TO SEAL	PLAN 53B	GOULDS
B	3/4	600# R.F.	1	RETURN FROM SEAL	PLAN 53B	GOULDS
D	3/4	600# R.F.	1	DRAIN (BLINDED)	PLAN 53B	CUSTOMER
F	3/4	600# R.F.	1	FILL (BLINDED)	PLAN 53B	CUSTOMER
N	1/4	BSPM	1	BLADDER CONNECTION	PLAN 53B	CUSTOMER
CWI	3/4	FNPT	1	COOLING WATER IN	PLAN M	GOULDS
CWO	3/4	FNPT	1	COOLING WATER OUT	PLAN M	GOULDS
HPV	3/4	FNPT	1	HIGH POINT VENT (PLUGGED)	PLAN M	CUSTOMER
V	3/4	600# R.F.	1	VENT (BLINDED)	PLAN 53B	CUSTOMER
CI	3/4	150# R.F.	1	COOLING INLET	PLAN M	CUSTOMER
CO	3/4	150# R.F.	1	COOLING OUTLET	PLAN M	CUSTOMER
LBI	1/2	FNPT	1	LIQUID BARRIER IN	PLAN 53B	GOULDS
LBO	1/2	FNPT	1	LIQUID BARRIER OUT	PLAN 53B	GOULDS
LPD	3/4	FNPT	1	LOW POINT DRAIN (PLUGGED)	PLAN 53B	CUSTOMER

PLAN 53B PARTS LIST - 316SS TUBING 3/4" NOM.
(PRESSURIZED BARRIER FLUID CIRC. THROUGH ACCUMULATOR & HE)

PART NAME	MATERIAL	SIZE	DESCRIPTION
TUBE	316SS	3/4"	.095 WALL
FITTINGS	316SS	3/4"	NPT
ACCUMULATOR	CR-MO	10 GAL	FLOWERVE
HEAT EXCHANGER	316LSS	--	FLOWERVE

COOLING PLAN 'M' PARTS LIST - CS PIPING 3/4" NOM. THRD.
(COOLING TO THE SEAL HEAT EXCHANGER)

PART NAME	MATERIAL	SIZE	DESCRIPTION
PIPING	CS	3/4"	SCH. 160
FITTINGS	CS	3/4"	3000#
GLOBE/ GATE	CS	3/4"	800#
SIGHT FLOW IND.	CS	3/4"	FLAPPER TYPE
FLANGE	CS	3/4"	150# R.F.

MODEL:	3700	GROUP:	SA
SIZE:	1x2-7		
LUBRICATION:	RING OIL LUBE		
BEARING ARRANGEMENT:	BALL - BALL		
BASEPLATE:	FABRICATED STEEL		
PUMP ROTATION:	CCW (FROM COUPLING END)		
CUSTOMER DATA			
EQUIPMENT OWNER: AIR PRODUCTS MANUFACTURING LLC			
CUSTOMER: WORLD ENERGY PARAMOUNT			
GOULDS SERIAL NO.: GM03A771-1/2			
PRODUCT NO: OV10855-2			
CUSTOMER P.O. NO.: 4505515682			
PUMP ITEM NO.: 18-P-1847 A/B			
SERVICE: FLARE KNOCK OUT DRUM PUMP			

GENERAL ARRANGEMENT DRAWING



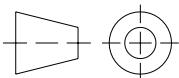
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DRAWING SCALE: 3:40 DIMENSIONS IN INCHES[mm]

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DRAWN	CHECKED	APPROVED	BY ITT CORPORATION
EGJ	11/26/21	RSA	11/26/21
THIRD ANGLE		EPG	11/26/21



M03A771GAD 4

SHEET 2 OF 2

TRICO OILER
8 OZ.

BULLSEYE LEVEL
GAUGE 1 NPT

TF

VIEW A
SCALE 7:40

PLAN M
SEE VIEW B

B

N

TI

PT

F

VIEW A

LBO

V

FG

CWO

PLAN 53B

CWI

F

PLAN M

CI

CO

VIEW B
SCALE 1:8

ALL REVS IN SHEET 1