



TECHNICAL DOCUMENT COMMENT / REVIEW SHEET

VENDOR NAME:	ITT GOULDS PUMPS	PO Description :	3700 1 X 2 – 7
PO NO.:	4505515682	GP #: GM03A771-1/2	End User: WORLD ENERGY/ AIR PRODUCTS

Doc#	EN207121-BG-9V3-00069	Rev.	1	Title:	SEC-10855-2 CROSS SECTIONAL DRAWING	Attachments:	<input type="checkbox"/> Yes / <input type="checkbox"/> No
Item	Consolidated Customer Comments	By	ITT Goulds Reply		By	Customer Replies	
REV – 1 COMMENTS							
1.	<div>NACE MR0103 STEEL (PWHT) STEEL</div>	AP	Since NACE MR01030-2015, Clause 13.1.7 Welding requirements for carbon steels listed as P-No. 1 in Section IX of the ASME BPVC, No apply for carbon steels		EGJ	The meaning of PWHT is to show compliance with NACE MR0103, which is indicated. The material as shown is acceptable for this document. The PWHT will be addressed via the WPS.	
2.							
REVIEWED BY				APPROVED BY			
Signature: EGJ		Date:	07/01/22	Signature : OG		Date:	07/01/22
Name: Eliel Gutierrez				Name: Omar Gomez			
Title : Product Engineer				Title : Contract Administrator			

This sheet is for communication purposes and will be removed prior to final submittal.

ITEM PART NO.	QTY.	COMPONENT	CONSTRUCTION S-8 NACE MR0103	ASTM
100	1	CASING	CARBON STEEL	A216 GR. WCB
100A	2	SCHEDULE 160 PIPE	CARBON STEEL	A106 GR. B
100B	1	3000#, 90° ELBOW	CARBON STEEL	A105
100C	1	ANSI 3/4, 300# RF FLANGE	CARBON STEEL	A105
101	1	IMPELLER	316L SS	A743 GR CF-3M
109A	1	FRAME COVER END, THRUST	CARBON STEEL	A216 GR. WCB
112	PAIR	BEARING, THRUST (SKF)	STEEL	7310 BEGAM
113B	1	PIPE PLUG, OIL FILL	CARBON STEEL	A108 GR. 1213
114	2	OIL RING	BRONZE	B584 C87500
122	1	SHAFT	NITRONIC 50	A276 TP XM-19 UNS S20910
123	1	VBX OIL SEAL RADIAL (INPRO)	BRONZE	B584 C87500
123A	1	VBX OIL SEAL THRUST (INPRO)	BRONZE	B584 C87500
125	1	SEAL CHAMBER, THROAT BUSHING	DUPLEX	A276 UNS S31803
136	1	LOCKNUT, THRUST BEARING	CARBON STEEL	---
164	1	WEAR RING CASING	HF 316LSS W/COLMONOY # 6	A276 TP 316L (BASE 56-61 HRC)
168	1	BEARING, RADIAL (SKF)	STEEL	6210 C3
178	1	KEY IMPELLER	DUPLEX	A276 UNS S31803
184	1	SEAL CHAMBER COVER	CARBON STEEL	A216 GR. WCB
195E	1	OIL SAMPLE BOTTLE (ESCO SIGHT GLASS)	---	---
202	1	IMPELLER WEAR RING, SUCTION SIDE	HF 316LSS W/COLMONOY # 6	A276 TP 316L (BASE 56-61 HRC)

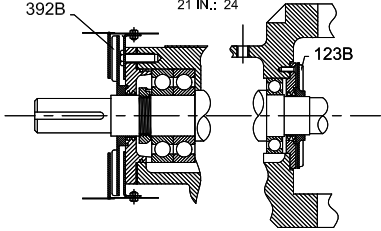
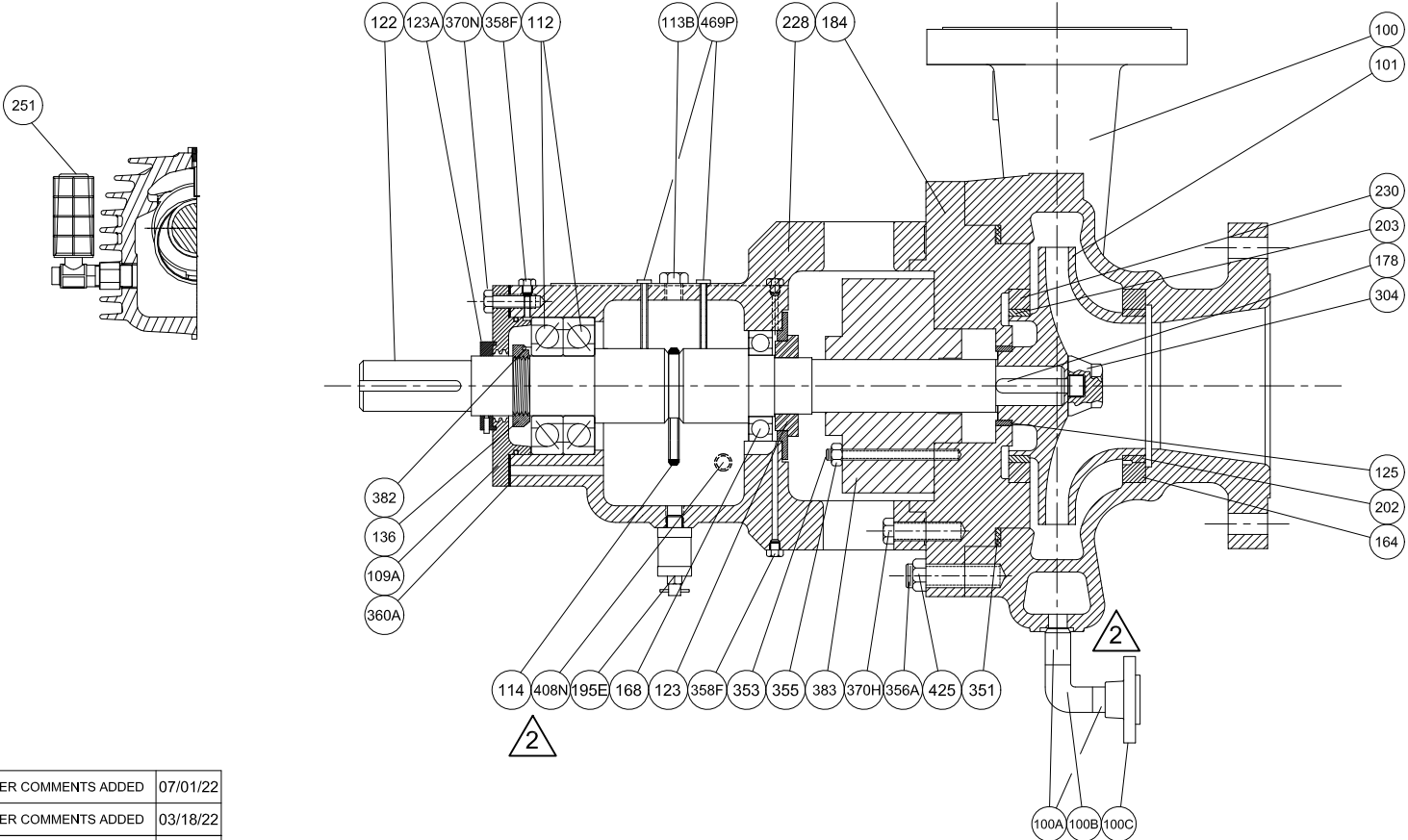
ITEM PART NO.	QTY.	COMPONENT	CONSTRUCTION S-8 NACE MR0103	ASTM
203	1	IMPELLER WEAR RING, HUB SIDE	HF 316LSS W/COLMONOY # 6	A276 TP 316L (BASE 56-61 HRC)
228	1	BEARING FRAME	CARBON STEEL	A216 GR. WCB
230	1	WEAR RING, SEAL CHAMBER	HF 316LSS W/COLMONOY # 6	A276 TP 316L (BASE 56-61 HRC)
251	1	WATCHDOG OILER (8 OZ.)	GLASS / STEEL	---
304	1	IMPELLER NUT	NITRONIC 50	A276 TP X-M19 UNS S20910
351	1	GASKET-CASING	SPIRAL WOUND 316 SS	---
353	4	STUD - GLAND	4140 (NICKEL PLATING)	A193 GR. B7 / B733
355	4	NUT - GLAND STUD	4140 (NICKEL PLATING)	A194 GR. 2H / B733
356A	NOTE 1	STUD-CASING	4140	A193 GR. B7
358F	3	PIPE PLUG, OIL MIST	CARBON STEEL	A307 GR. B
360A	3	GASKET, THRUST END COVER	VELLUMOID	D-1170
370H	4	SCREW - FRAME TO COVER	CARBON STEEL	A307 GR. B
370N	5	SCREW - END COVER-THRUST	CARBON STEEL	A307 GR. B
382	1	LOCKWASHER, THRUST BEARING	STEEL	---
383	1	MECHANICAL SEAL	REFER TO MECHANICAL SEAL DRAWING	---
392B	1	FAN COOLING CCW	ALUMINUM	SAE NO.329
408N	1	SIGHT WINDOW 1 NPT	---	---
425	NOTE 1	NUT - CASING STUD	4140	A194 GR. 2H
469P	2	RETAINER OIL RING	CARBON STEEL	A307 GR. B

3700 MODEL
API 610 11th Ed.

NOTES:



1. QUANTITIES OF CASING STUDS AND NUTS:

7 AND 9 IN.: 12
11 AND 13 IN.: 16
16 AND 19 IN.: 20
21 IN.: 24



OPTIONAL AIR COOLED FRAME:

- ☐ RADIAL - 123B
☐ THRUST - 392
☐ RADIAL AND THRUST - 123B & 123E

CUSTOMER:WORLD ENERGY / AIR PRODUCTS CHEMICALS INC			
GOULDS SERIAL:		GM03A771-1-2	
PRODUCT No.:		10855-2	
CUSTOMER P.O. No.:		4505515682	
PUMP ITEM No.:		18-P-1847 A/B	
SERVICE:		FLARE KNOCK OUT DRUM PUMP	
CROSS SECTIONAL DRAWING & BILL OF MATERIALS			
MODEL / GROUP: 3700 SA			
SIZE: 1x2-7			
 ITT		GOULDS PUMPS	
DRAWING SCALE: N/A		DIMENSIONS: N/A	
DRAWN DRN	CHECKED EGJ	APPROVED EPG	COPYRIGHT 2022
THIRD ANGLE	DRAWING: M03A771PCD		REV. 2
			SHEET 1 OF 1

2	CUSTOMER COMMENTS ADDED	07/01/22
1	CUSTOMER COMMENTS ADDED	03/18/22
0	FOR INFORMATION	01/14/22
REV.	DESCRIPTION	DATE