



- NOTES:  
 1: H2S SERVICE, EE-0.5, P+U, PR-1, PSL-3  
 2: WORKING PRESSURE: 10,000 PSI  
 3: TEST PRESSURE: 15,000 PSI  
 4: BODY INLAY: NON-INLAID  
 5: BONNET INLAY: NON-INLAID  
 6: GATE: AISI 410 75K ST.STL. TC HARDFACE  
 7: STEM: AISI 17-4PH HHI150

ITEM NO.	QTY REQ'D	PART NUMBER	DESCRIPTION	DRAWING NUMBER	MATERIAL
*** SPARE PARTS ***					
27	1	FG-0709	WEAR RING - PACKING GLAND ***	FG-0822	MOLYGARD
26	1	678627-01-99	VALVE, CHECK 1/4" NPT MALE ***	BUY OUT	ST.STL.
25	1	686598-02	U-PACKING ***	BUY OUT	VITON/PTFE
24	8	793-4406-2F	TAP END STUD, 1 5/8-8"UN X 7.75 LONG	N/A	ASTM A320 GR. L7 Xylan
23	1	100-8A05-74E	STEM, MANUAL	I008A0572E	AISI 17-4 PH 1150
22	1	21812-15	STEM PIN (SHEAR)	FG0228	MPS 110 STRESSPROOF
21	2	610978-02	SEAT ***	FG0458	STELLITE #3
20	4	610500-47	SEAL RING (SEAT AND BODY BUSHING) ***	FG0706	PTFE
19	2	611404-17	RETAINER PLATE ***	FG0704	AISI 1018 -1026
18	1	690169-01	PACKING GLAND	FG0227	AISI 4130 75K
17	1	069-0343-00	O-RING, 2-343 ***	BUY OUT	BUNA 70D
16	1	069-0224-01	O-RING, 2-224 ***	BUY OUT	BUNA 90D
15	8	807-0044-05	HEAVY HEX NUT 1 5/8"-8UNC	N/A	ASTM A194 GR.7 - Xylan
14	1	19937-03	HANDWHEEL,	FG0229	STEEL
13	2	5929-05	GREASE FITTING, DRIVE ***	N/A	OEM
12	2	694406-01	GATE GUIDE ***	FG0707	AISI 304/316 ST.STL.
11	1	FG-0702	GATE	FG0702	AISI 410 SS 75K
10	1	5929-55	FITTING, GREASE-STRAIGHT, 1/2" NPT ***	BUY OUT	ST.STL.
9	1	19141-11	BONNET, GASKET ***	FG0708	304 OR 316 ST. STL.
8	1	FG-0393	BONNET	FG0393	AISI 4130 75K
7	1	001-0204	BOLT ASSEMBLY, HAND WHEEL	N/A	GRADE 8 ZINC PLT'D
6	1	FG-0325	BODY, FLG X FLG	FG0323	AISI 4130 75K
5	2	610774-02	BODY BUSHING ***	FG0558	AISI 410 SS 75K
4	4	19310-01	BEARING, RACE ***	N/A	TIMKEN STEEL
3	2	5931-10	BEARING, NEEDLE THRUST ***	N/A	TIMKEN STEEL
2	1	19312-01	BEARING CAP	FG0231	AISI 4130 75K
1	1	20873-01	ADAPTER, STEM	FG0230	AISI 4130 75K

THIS DOCUMENT CONTAINS CONFIDENTIAL AND TRADE SECRET INFORMATION WHICH IS THE PROPERTY OF PETROTRIM SERVICES LLC, AND RECEIPT OR POSSESSION DOES NOT CONVEY ANY RIGHTS TO LOAN, SELL OR OTHERWISE DISCLOSE SAID INFORMATION. REPRODUCTION OR USE OF SAID INFORMATION FOR ANY PURPOSE OTHER THAN THE PURPOSE FOR WHICH SAID INFORMATION WAS SUPPLIED IS PROHIBITED WITHOUT EXPRESS WRITTEN PERMISSION FROM PETROTRIM SERVICES LLC. THIS DOCUMENT IS TO BE RETURNED TO PETROTRIM UPON REQUEST.



MODELED/APPROVAL		ASSEMBLE DETAILS			
MODELED	J.A.BECK	5/30/18	MANUAL GATE VALVE		
APPROVED	Q.D.	5/30/18	TYPE FC - 4-1/16"-10K FLG X FLG		
SCALE: 0.135		SIZE	DRAWING NUMBER	CUSTOMER: IF REQ'D	REVISION
		B	01-2502		A
		WEIGHT: 865.389		SHEET 1 OF 1	

3RD PARTY NOTES:

BY:	REV.	ECR	DESCRIPTION	DATE
			REVISION/CHANGES	