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COVER SHEET		(C) Copyright Fisher Controls, 1989, 1991	
Title:	DESIGN E STYLE NS BONNET	Rev:	H
	3 9/16 BOSS, 3/4 STEM	By:	HALM 5-16-91
Size:	2-8	EM No:	EX17
Orig:	TC	Date:	12-13-78
	Chkd:	DCP	
	Apvd:	FJL	
	Page:	0.1	

Title	DESIGN E STYLE NS BONNET	Size	2-8
	3 9/16 BOSS, 3/4 STEM		

ITEM A-PACKING FLANGE, STUDS & NUTS

MATL	TEMP DEG F
	COL 1
WCB	-20+800
316	-425+1100

ITEM B-PACKING

MATL	TEMP DEG F
	COL 1
LAMINATE GRAPHITE	-425+1100
TFE	-40+450

ITEM C-PACKING PARTS

MATL	TEMP DEG F
	COL 1
316	-425+1100
316L	-425+850

ITEM D-BONNET

MATL	TEMP DEG F
	COL 1
WCB	-20+800
316	-325+1000

FISHER CONTROLS ORDER ENTRY MATRIX	By	LM	2-15-79				REV	EM
	Chkd	FRP	2-15-79				A	EX17
	Apvd	HCR	2-17-79					PAGE 0.2

TITLE	DESIGN E STYLE NS BONNET 3 9/16 BOSS, 3/4 STEM	SIZE	2-8"	BY	<i>July</i>	12-13-78
				CHKD.	DGP	12-20-78
				APVD.	FJL	12-14-78

ITEM A - PACKING FLANGE, STUDS & NUTS & LUBRICANT

	STEEL	316 SST
	A	A
	1	2

ITEM B - PACKING  
ITEM C - PACKING PARTS

PACKING BOX SIZE 13A0754

DOUBLE PACKING ARRANGEMENT

	LOW CHLORIDE GRAPHITE RIBBON & FILAMENT		TFE FMS 17D7	
PACKING				
ARRANGEMENT	16A0567		16A2745	
TRIM MATL	B	C	B	C
316 (STD)	1	1	6	6
316L	1	2	6	7

LEAKOFF PACKING ARRANGEMENT

	LOW CHLORIDE GRAPHITE RIBBON & FILAMENT		TFE FMS 17D7	
PACKING				
ARRANGEMENT	16A0568		16A2876	
TRIM MATL	B	C	B	C
316 (STD)	2	1	5	6
316L	2	2	5	7

SINGLE PACKING ARRANGEMENT

	LOW CHLORIDE GRAPHITE RIBBON & FILAMENT		TFE FMS 17D7	
PACKING				
ARRANGEMENT	16A0966		12A8170	
TRIM MATL	B	C	B	C
316 (STD)	4	4	3	3
316L	4	5	3	-

FISHER CONTROLS COMPANY  
ORDER ENTRY MATRIX

B	<i>July</i>	12-13-78			
C	<i>12-20-78</i>	12-20-78			
D	<i>TZ</i>	4-16-90			

REV

*D*

EM

PAGE A  
EX17

TITLE	DESIGN E STYLE NS BONNET 3 9/16 BOSS, 3/4 STEM	SIZE	2-8"	BY		
				CHKD.	DGP	12-20-78
				APVD.	FUL	12-14-78

ITEM D - BONNET  
  
CL 600

		PBS 13A0754				
		NON-TAPPED	LEAKOFF CONNECTIONS			
			1/2 SOCKET WELD		1/2 NPT CONNECTION	
			ONE NIPPLE	TWO NIPPLE	ONE CONNECT	TWO CONNECT
2 INCH		D	D	D	D	D
WCB STL		-	17	3	-	-
316 SST		-	18	4	-	-
2 1/2 INCH						
WCB STL		-	-	5	-	-
316 SST		-	-	6	-	-
3 INCH						
WCB STL		-	-	7	-	-
316 SST		-	-	8	-	-
4 INCH						
WCB STL		-	-	9	-	-
316 SST		-	-	10	-	-
6 INCH						
WCB STL		1	-	11	-	15
316 SST		2	-	12	-	16
8 INCH						
WCB STL		-	-	13	-	-
316 SST		-	-	14	-	-

PICK CODE COLUMN-  
ITEM B TRIM-11  
C TRIM-13  
D TYPE-1,SIZE-5,MATL-7

EM EX17 - A B C D

FISHER CONTROLS COMPANY ORDER ENTRY MATRIX	B	FRP	2-19-79				REV	EM	PAGE B EX17
	C	FRP	9-26-80						

ITEM A - PACKING FLANGE,STUDS,NUTS & LUBRICANT

		STL	316 SST
		Q (1)	(2)
3	FLANGE	1 1E944823072	1F380435072
4	STUDS	2 1E944931032	1E944935222
5	NUTS	2 1E944624112	1E944635252
25	STUD BOLT	8 1P9264X0042	1P9264X0042
26	HEX NUT	8 1A3760X0022	1A3760X0022
34	LUBRICANT	- 1M5539X0012	1M5539X0012

ITEM B - PACKING

SINGLE PACKING ARRANGEMENT

			PTFE	LOW CHLORIDE GRAPHITE RIBBON & FILAMENT
	ARRANGEMENT		12A8170	16A0966
		Q (3)	(4)	
6	PACKING SET	1 1R290401012	-----	-----
7	PACKING RING	2 -----	-----	1E3191X0282
7	PACKING RING	2 -----	-----	1V2396X0022
12	UPPER WIPER	1 1J872806332	-----	-----

DOUBLE PACKING ARRANGEMENT

			16A2745	16A0567
	ARRANGEMENT		(6)	(1)
6	PACKING SET	2 1R290401012	-----	-----
7	PACKING RING	3 -----	-----	1V2396X0022
7	PACKING RING	4 -----	-----	1E3191X0282
12	UPPER WIPER	1 1J872806332	-----	-----

FISHER CONTROLS

MATERIAL LIST

Orig: TC      Date: 12-13-78      Chkd: DCP      Apvd: FJL

Rev: G  
By: HALM 5-16-91  
EM No: EX17  
Page: 1

ITEM B - PACKING (CONT)

LEAKOFF PACKING ARRANGEMENT

			PTFE	LOW CHLORIDE GRAPHITE RIBBON & FILAMENT
ARRANGEMENT			16A2876	16A0568
			Q (5)	(6)
6	PACKING SET	2	1R290401012	-----
7	PACKING RING	3	-----	1V2396X0022
7	PACKING RING	4	-----	1E3191X0282
12	UPPER WIPER	1	1J872806332	-----

FISHER CONTROLS

MATERIAL LIST

Orig: TC      Date: 3-26-79      Chkd: DCP      Apvd: FJL

Rev: C  
By: HALM 5-10-91  
EM No: EX17  
Page: 1.1



FISHER CONTROLS COMPANY		BY	CHKD.	APVD.	PAGE 3 EX17									
ENG MASTER MTL LIST		12-70-78	12-14-78	EM										
ITEM D - BONNET														
CL 600														
NON-TAPPED														
2 INCH														
1 BONNET Q 1 WCB STL 316 SST														
2 1/2 INCH														
1 BONNET 1														
3 INCH														
1 BONNET 1														
4 INCH														
1 BONNET 1														
6 INCH														
1 BONNET (1) 35A9974X012 (2) 35A9974X022														
8 INCH														
1 BONNET 1														
LEAKOFF CONNECTIONS														
WITH ONE 1/2 IN SOCKET WELD NIPPLE														
2 INCH														
1 BONNET Q 1 WCB STL 316 SST (17) (18) 26A0965X012 26A0965X022														



FISHER CONTROLS COMPANY		BY	12-14-78		PAGE 4	
CHKD. DCP		12-20-78		EX17		
APVD. FJL		12-14-78				
ENG MASTER MTL LIST						
ITEM D - BONNET (CONT)						
LEAKOFF CONNECTIONS (CONT)						
WITH TWO 1/2 IN SOCKET WELD NIPPLES						
		Q	WCB STL	316 SST		
1	2 INCH BONNET	1	26A0892X012	(4) 26A0892X022		
	2 1/2 INCH		(5)	(6) 26A0893X022		
1	BONNET	1	26A0893X012	(8) 26A0894X022		
	3 INCH		(7)	(10) 26A0895X022		
1	BONNET	1	26A0894X012	(12) 26A0896X022		
	4 INCH		(9)	(14) 26A0897X022		
1	BONNET	1	26A0895X012			
	6 INCH		(11)			
1	BONNET	1	26A0896X012			
	8 INCH		(13)			
1	BONNET	1	26A0897X012			
WITH ONE 1/2 NPT CONNECTION						

ENG MASTER MTL LIST

ITEM D - BONNET (CONT)

LEAKOFF CONNECTIONS (CONT)

WITH TWO 1/2 IN NPT CONNECTIONS

WCBSSTL316SST

1	2 INCH	Q	
14	BONNET	1	
14	PIPE PLUG 1/2 NPT	2	
1	2 1/2 INCH		
1	BONNET	1	
14	PIPE PLUG 1/2 NPT	2	
1	3 INCH		
1	BONNET	1	
14	PIPE PLUG 1/2 NPT	2	
1	4 INCH		
1	BONNET	1	
14	PIPE PLUG 1/2 NPT	2	
1	6 INCH	(15)	(16)
1	BONNET	1	35A8521X012
14	PIPE PLUG 1/2 NPT	2	35A8521X022
1	8 INCH	2	1A369224492
1	BONNET	1	1A369235072
14	PIPE PLUG 1/2 NPT	2	

ASSEMBLY DWG 16A0566