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PAGE NUMBER	REV LEVEL	PAGE NUMBER	REV LEVEL	PAGE NUMBER	REV LEVEL	PAGE NUMBER	REV LEVEL
0.1	G	1	F				
A	C	2	B				
B	B	3	A				

C	E	F	L	N	U	YJ	YK	YR										
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COVER SHEET				(C) Copyright Fisher Controls, 1990,1994			
Title: DESIGN E STYLE NS BONNET							
5 IN BOSS, 1 1/4 IN STEM							
Size: ALL							
Orig: TC		Date: 3-28-79		Chkd: DCP		Apvd: FJL	
				Rev: G			
				By: FRP 10-4-94			
				EM No: EX19			
				Page: 0.1			

TITLE	DESIGN E STYLE NS BONNET 5 IN BOSS, 1 1/4 IN STEM	SIZE	ALL	BY	3-28-79
				CHKD.	3-29-79
				APVD.	3-29-79

ITEM A - PACKING FLANGE, STUDS & NUTS & LUBRICANT

	STEEL	316 SST
	A	A
	1	2

ITEM B - PACKING
ITEM C - PACKING PARTS

PACKING BOX SIZE 23A1253

SINGLE PACKING ARRANGEMENT

	LOW CHLORIDE GRAPHITE RIBBON & FILAMENT		TFE	
PACKING				
ARRANGEMENT	14A3412		12A8160	
TRIM MATL	B	C	B	C
316 SST	2	2	1	1

DOUBLE PACKING ARRANGEMENT

	LOW CHLORIDE GRAPHITE RIBBON & FILAMENT		TFE	
PACKING				
ARRANGEMENT	16A0846		16A2746	
TRIM MATL	B	C	B	C
316 SST	4	4	3	3

LEAKOFF PACKING ARRANGEMENT

	LOW CHLORIDE GRAPHITE RIBBON & FILAMENT	
PACKING		
ARRANGEMENT	16A0847	
TRIM MATL	B	C
316 SST	5	4

FISHER CONTROLS COMPANY ORDER ENTRY MATRIX	B	HD	9-28-79				REV	EM	PAGE A
	C	R	4-16-90				C		EX19

ITEM A - PACKING FLANGE,STUDS & NUTS & LUBRICANT

		STL	316 SST
		Q (1)	(2)
3	FLANGE	1	0W085625052 1J100735072
4	STUDS	2	1N3565X0162 1N356535222
5	NUTS	2	1A368124112 1A368135252
25	STUD BOLT	8	1N356531012 1N356531012
26	HEX NUT	8	1A3520K0012 1A3520K0012
34	LUBRICANT	-	1M5539X0012 1M5539X0012

ITEM B - PACKING

SINGLE PACKING ARRANGEMENT

LOW CHLORIDE
GRAPHITE
RIBBON &
FILAMENT
14A3412
(2)

	ARRANGEMENT	PTFE	
		Q (1)	
6	PACKING SET	1	1R290801012
7	PACKING RING	2	-----
7	PACKING RING	3	-----
12	UPPER WIPER	1	1J873006332

DOUBLE PACKING ARRANGEMENT

	ARRANGEMENT	16A2746	16A0846
		Q (3)	(4)
6	PACKING SET	2	1R290801012
7	PACKING RING	3	-----
7	PACKING RING	4	-----
12	UPPER WIPER	1	1J873006332

LEAKOFF PACKING ARRANGEMENT

	ARRANGEMENT		16A0847
		Q	(5)
7	PACKING RING	3	-----
7	PACKING RING	4	-----

FISHER CONTROLS MATERIAL LIST
DESIGN E STYLE NE BONNET ASSY

Orig: TC Date: 3-28-79 Chkd: DCP Apvd: FJL

Rev: F
By: FRP 10-4-94
EM No: EX19
Page: 1

BY	IC	3-28-79
CHKD.	DCP	3-29-79
APVD.	FJL	3-29-79

EW

EX19

BY	1C	3-28-79
CHKD.	DCP	3-29-79
APVD.	FLL	3-29-79

BY	11/1/83	3-28-74
CHIKD.	DCB	3-29-75
APVD.	FJL	3-29-79

BY	TC	3-28-74
CHKD.	DDP	3-29-75
APVD.	FLL	3-29-79

BY	C	3-18-74
CHKD.	DCB	3-29-78
APVD.	FLL	3-29-79

BY	TC	3-28-74
CHKD.	DDP	3-29-75
APVD.	FLL	3-29-79

BY	15	3-28-74
CHKD.	DDP	3-29-75
APVD.	FLL	3-29-79

BY	15	3-28-74
CHKD.	DDP	3-29-75
APVD.	FLL	3-29-79

BY	13	3-28-74
CHKD.	DDP	3-29-75
APVD.	FLL	3-29-79

BY	1	5-18-74
CHKD.	DCP	3-29-75
APVD.	FLL	3-29-79

BY	13	5-28-74
CHKD.	DDP	3-29-75
APVD.	FLL	3-29-79

MENT TRE

316 SST

(1)

LD387437012

HH995936042

J873535072

HH998435072

MENT GRAPHITE RIBBON

16 SST

BY	15	3-28-74
CHKD.	DDP	3-29-74
APVD.	FLL	3-29-74

MENT TRE

316 SST

(1)

LD387437012

H995936042

J873535072

HH998435072

MENT GRAPHITE RIBBON

316 SST

(2)

BY	13	5-28-74
CHKD.	DDP	3-29-75
APVD.	FLL	3-29-79

MENT TRE

316 SST

(1)

LD387437012

HH995936042

J873535072

HH998435072

MENT GRAPHITE RIBBON

16 SST

(2)

6A2879X012

BY	11	5-18-14
CHKD.	DCP	3-29-75
APVD.	FLL	3-29-79

BY	11	5-18-74
CHKD.	DCP	3-29-75
APVD.	FLL	3-29-79

BY	13	5-28-74
CHKD.	DDP	3-29-75
APVD.	FLL	3-29-79

BY	13	5-28-74
CHKD.	DDP	3-29-75
APVD.	FLL	3-29-79

MENT TFE

316 SST

(1)

D387437012

H995936042

J873535072

H998435072

MENT GRAPHITE RIBBON

116 SST

(2)

6A2879X012

J873535072

H998435072

MENT TFE

116 SST

BY	11	3-28-74
CHKD.	DCP	3-29-74
APVD.	FLL	3-29-74

BY	11C	3-28-74
CHKD.	DCP	3-29-74
APVD.	FLL	3-29-74

BY	15	3-28-74
CHKD.	DCP	3-29-74
APVD.	FLL	3-29-74

BY	CHKD.	APVD.
JG	DGP	FLL
3-28-74	3-29-74	3-29-74

BY	11C	5-28-74
CHKD.	DDP	3-29-75
APVD.	FLL	3-29-79

316 SST
 (1)
 D387437012
 H995936042
 J873535072
 H998435072

316 SST
 (2)
 6A2879X012
 J873535072
 H998435072

316 SST
 (3)
 5A8648X012
 J873535072
 H998435072

BY	15	3-28-74
CHKD.	DCP	3-29-74
APVD.	FLL	3-29-74

316 SST
 (1)
 D387437012
 H995936042
 J873535072
 H998435072
 316 SST
 (2)
 6A2879X012
 J873535072
 H998435072
 316 SST
 (3)
 5A8648X012
 J873535072
 H998435072

BY	15	5-28-74
CHKD.	DDP	3-29-75
APVD.	FLL	3-29-79

ELEMENT TFE
 316 SST
 (1)
 D387437012
 H995936042
 J873535072
 H998435072
 ELEMENT GRAPHITE RIBBON
 316 SST
 (2)
 6A2879X012
 J873535072
 H998435072
 ELEMENT TFE
 316 SST
 (3)
 5A8648X012
 J873535072
 H998435072
 ELEMENT GRAPHITE RIBBON
 316 SST
 (4)

BY	CHKD.	APVD.
11/15	DDP	FLL
3-28-74	3-29-75	3-29-79

316 SST
 (1)
 D387437012
 H995936042
 J873535072
 H998435072

316 SST
 (2)
 6A2879X012
 J873535072
 H998435072

316 SST
 (3)
 5A8648X012
 J873535072
 H998435072

316 SST
 (4)
 6A2878X012

BY	CHKD.	APVD.
16 SST	DCP	FLL
3-28-74	3-29-74	3-29-74

BY	CHKD.	APVD.
11/15	DDP	FLL
5-28-14	3-09-75	3-29-79

ELEMENT TFE
 316 SST
 (1)
 D387437012
 H995936042
 J873535072
 H998435072

ELEMENT GRAPHITE RIBBON
 316 SST
 (2)
 6A2879X012
 J873535072
 H998435072

ELEMENT TFE
 316 SST
 (3)
 5A8648X012
 J873535072
 H998435072

ELEMENT GRAPHITE RIBBON
 316 SST
 (4)
 6A2878X012
 J873535072
 H998435072

TITLE	DESIGN E STYLE NS BONNET 5 IN BOSS, 1 1/4 IN STEM	SIZE	ALL	SUPERSEDES	REV 13	EM	PAGE 2
EX19							

ITEM D - BONNET

CL 900 DESIGN EW

LEAKOFF CONNECTIONS

WITH ONE 1/2 IN NPT CONNECTION

- 6 INCH Q WCB STL 316 SST
- (1)
- 1 BONNET 1 36A1379X012 36A1379X022
- 14 PIPE PLUG 1/2 NPT 1 1A369224492 1A369235072

CL 1500 DESIGN E

LEAKOFF CONNECTIONS

WITH ONE 1/2 NPT CONNECTION

- 6 INCH Q WCB STL 316 SST
- (3)
- 1 BONNET 1 36A1376X012 36A1376X022
- 14 PIPE PLUG 1/2 NPT 1 1A369224492 1A369235072

ASSEMBLY DWG 16A0566

TITLE	SIZE	SUPERSEDES	REV	EM	PAGE 3
DESIGN E STYLE NS BONNET 5 IN BOSS, 1 1/4 IN STEM	ALL		A		EX19