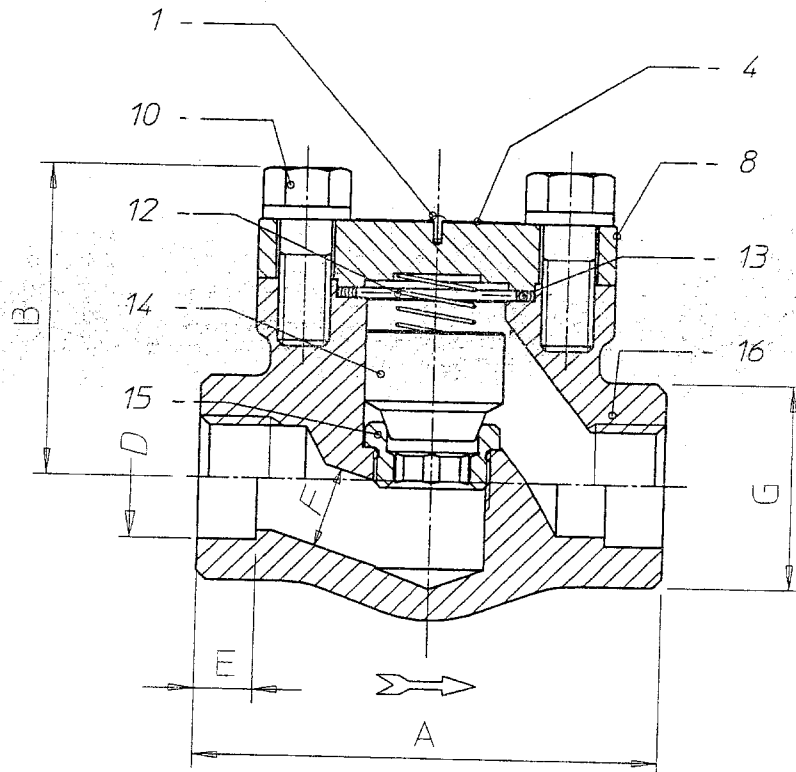


POS	PART NAME	MATERIAL	POS	PART NAME	MATERIAL
1	Ribattino RIVET	CARBON STEEL	13	Guarnizione C/C B/B GASKET	F316L + GRAPHITE
4	Targhetta NAME PLATE	ALUMINIUM	14	Pistone PISTON	ASTM A479 410
8	Coperchio BONNET	ASTM A105N	15	Seggio SEAT RING	ASTM A479 410
10	Bulloni C/C B/B BOLTS	ASTM A193 B7	16	Corpo BODY	ASTM A105N
12	Molla SPRING	ASTM A479 316-L			

X SOCKET WELDING ENDS ACCORDING TO ANSI B16.11
 () SCREWED ENDS ACCORDING TO ANSI B1.20.1 (NPT)



COMPONENT KEY VAR : 66413254 0039
 MAT. NUMBER : 1041143 (ITEM 190)

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1. 1/4"	1. 1/2"	2"
A	80	80	90	110	127	150	180	210
B	55	55	60	78	88	92	108	145
D	14,1	17,5	21,7	27,1	33,8	42,5	48,6	61,1
E	11,1	11,1	12,7	14,3	15,8	17,5	19	22,2
F	7	9	13	17,5	22,5	29,5	35	45
G	32	32	38	48	56	64	78	85
WEIGHT kg~	1,4	1,4	1,6	3	4,3	5,6	10	16
FIGURE N°	H 401	H 402	H 403	H 404	H 405	H 406	H 407	H 408
ITEM					190			



B.F.E. S.p.A.
BONNEY FORGE
 VALVE LICENSEE

Draw.: M.Teli 24.7.95
 Appr.: P.Gargiulo 24.7.95
 Revisions

COMPANY
 WITH

QUALITY SYSTEM
 CERTIFIED BY DNV
 = ISO 9001 =

Title :

PISTON CHECK VALVES
 CLASS 800 lbs - FULL BORE

Reference
 specification

BS5352

Drawing N° :

H 400 | 048

A105N/CR13800LBS

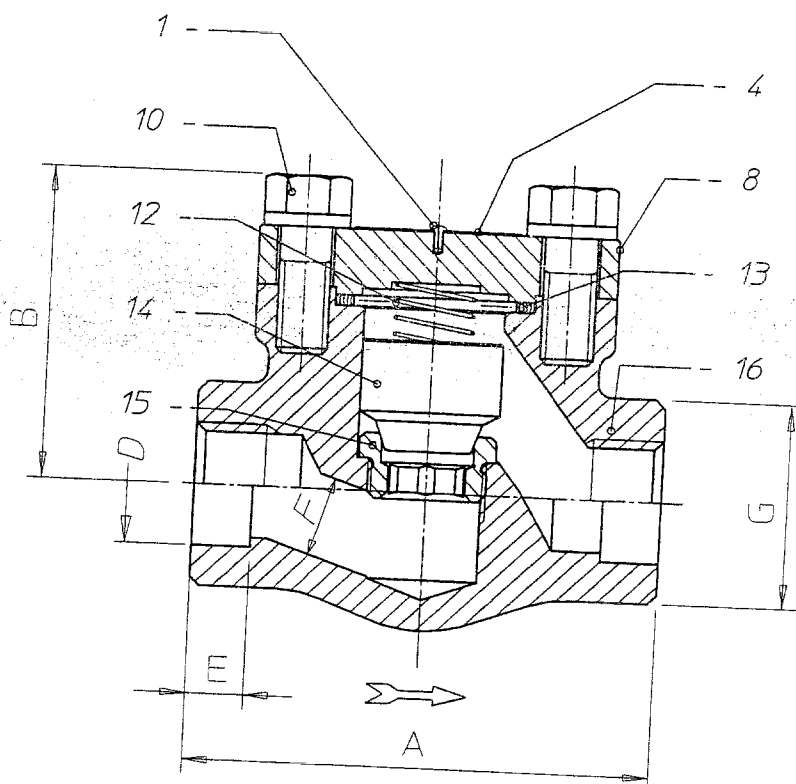
CUSTOMER : CUNADO INTERNACIONAL, S.A.
 P.O. NUMBER : 3697
 TAG NR : RV350
 BFE JOB NR : 030408

CUSTOMER CODE: 2202

B.F.E. CODE VALVE 121901

POS	PART NAME	MATERIAL	POS	PART NAME	MATERIAL
1	Ribattino RIVET	CARBON STEEL	13	Guarnizione C/C B/B GASKET	F316L + GRAPHITE
4	Targhetta NAME PLATE	ALUMINIUM	14	Pistone PISTON	A479 410/ST.6
8	Coperchio BONNET	ASTM A105N	15	Seggio SEAT RING	A479 410/ST.6
10	Bulloni C/C B/B BOLTS	ASTM A193 B7	16	Corpo BODY	ASTM A105N
12	Molla SPRING	ASTM A479 316-L			

X SOCKET WELDING ENDS ACCORDING TO ANSI B16.11
 (1) SCREWED ENDS ACCORDING TO ANSI B1.20.1 (NPT)



COMPONENT KEY VAR : 66413254 0039
 MAT. NUMBER : 1047565 (ITEM 200)

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1. 1/4"	1. 1/2"	2"
A	80	80	90	127	127	150	180	210
B	55	55	60	78	88	92	108	145
D	14,1	17,5	21,7	27,1	33,8	42,5	48,6	61,1
E	11,1	11,1	12,7	14,3	15,8	17,5	19	22,2
F	7	9	13	12,5	22,5	29,5	35	45
G	32	32	38	48	56	64	78	85
WEIGHT kg~	1,4	1,4	1,6	3	4,3	5,6	10	16
FIGURE N°	H 401	H 402	H 403	H 404	H 405	H 406	H 407	H 408
ITEM					200			

B.F.E. Sp.A.
BONNEY FORGE
 VALVE LICENSEE

Draw.: M.Teli 24.7.95
 Appr.: P.Gargiulo 24.7.95
 Revisions

COMPANY
 WITH
 QUALITY SYSTEM
 CERTIFIED BY DNV
 = ISO 9001 =

Title :

PISTON CHECK VALVES
 CLASS 800 lbs - FULL BORE ✓

Reference
 specification

Drawing N° :

H 400

047

BS5352

A105N/CR13*800LBS

CUSTOMER : CUNADO INTERNACIONAL, S.A.
 P.O. NUMBER : 3697
 TAG NR : RV355
 BFE JOB NR. : 030408

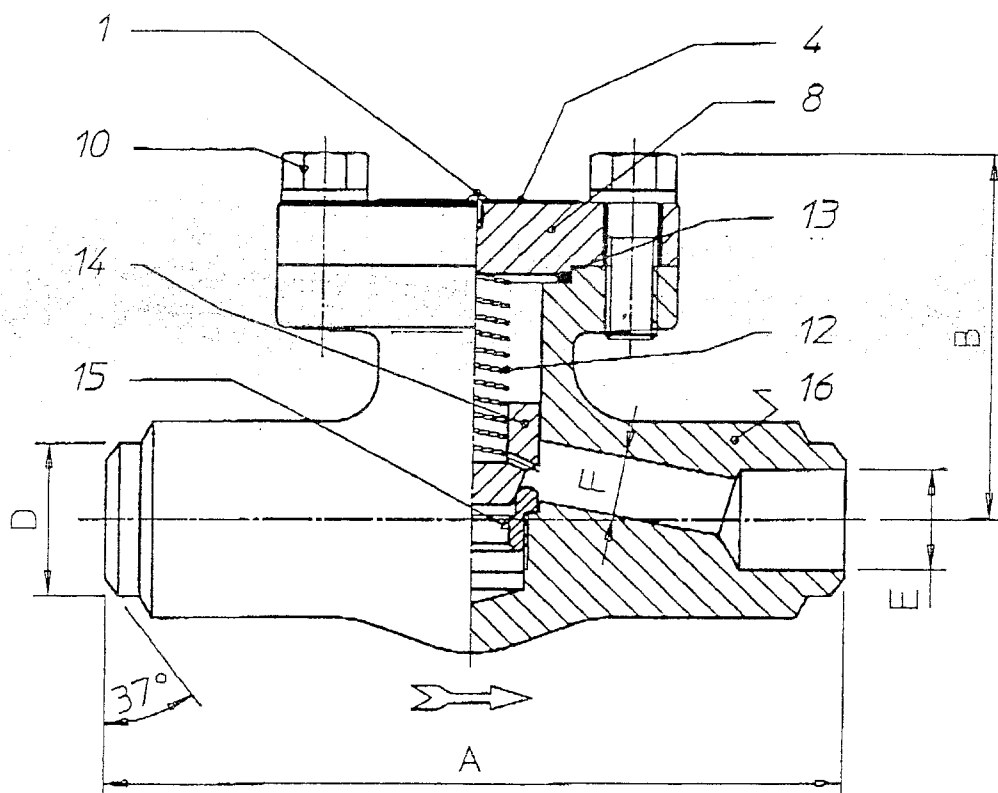
CUSTOMER CODE: 2202

B.F.E. JOE VALVE 138239

915564277

POS	PART NAME	MATERIAL	POS	PART NAME	MATERIAL
1	Ribattino RIVET	CARBON STEEL	13	Guarnizione C/C B/B GASKET	F316L + GRAPHITE
4	Targhetta NAME PLATE	ALUMINIUM	14	Disco DISC	ASTM A479 410/ST.6
8	Coperchio BONNET	ASTM A182 F11 CL.2	15	Seggio SEAT RING	A479 410/ST.6
10	Bulloni C/C B/B BOLTS	ASTM A193 B16	16	Corpo BODY	ASTM A182 F11 CL.2
12	Molla SPRING	ASTM A479 316-L			

B.W.E. FOR PIPE SCH.80



COMPONENT KEY VAR : 66414323 0005

MAT. NUMBER : 1047792

SIZE	1/2"	3/4"	1"	1. 1/2"	2"			
A	216	229	254	305	368			
B	95	110	120	145	190			
D	21,3	26,7	33,4	48,3	60,3			
E	13,8	19	24,3	38,1	49,2			
F	12	14,5	19	31	40			
WEIGHT kg~	4,2	7	7,8	16	34,5			
FIGURE N°	15H 403	15H 404	15H 405	15H 407	15H 408			
ITEM			210					

B.F.E. SpA
BONNEY FORGE
 VALVE LICENSEE

Draw.: M.Telli 26.195
 Appr.: P.Gargiulo 26.195
 Revisions: A

COMPANY
 WITH

Title : PISTON CHECK VALVES
 CLASS 1500 lbs - FULL BORE

CUSTOMER : CUNADO INTERNACIONAL, S.A.
 P.O. NUMBER : 3697
 TAG NR : RV472
 BFE JOB NR : 030408

QUALITY SYSTEM
 CERTIFIED BY DNV
 = ISO 9001 =

Reference
 specification
BS5352

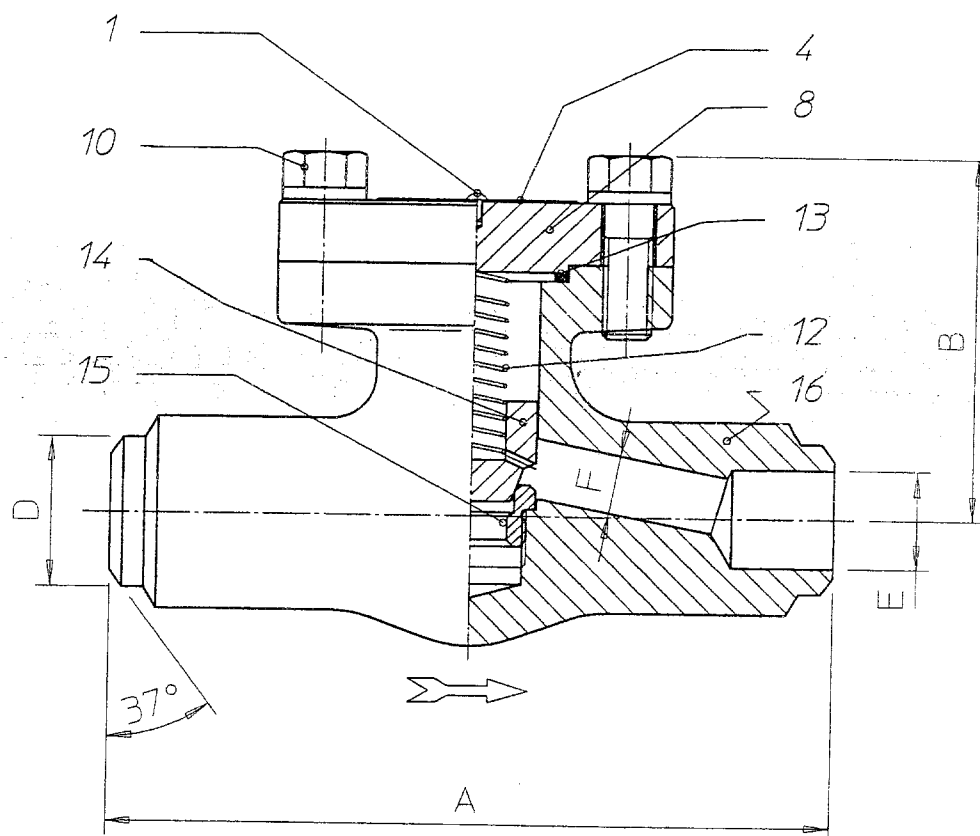
Drawing N° :
15H 40B 004
 F11/CR13/CR13*1500LBS

CUSTOMER CODE: 7202

B.F.E. CODE VALVE 186182

POS	PART NAME	MATERIAL	POS	PART NAME	MATERIAL
1	Ribattino RIVET	CARBON STEEL	13	Guarnizione C/C B/B GASKET	F316L + GRAPHITE
4	Targhetta NAME PLATE	ALUMINIUM	14	Disco DISC	ASTM A479 410/ST.6
8	Coperchio BONNET	ASTM A182 F22 CL.3	15	Seggio SEAT RING	A479 410/ST.6
10	Bulloni C/C B/B BOLTS	ASTM A193 B16	16	Corpo BODY	ASTM A182 F22 CL.3
12	Molla SPRING	ASTM A479 316-L			

B.W.E. FOR PIPE SCH.80



COMPONENT KEY VAR : 66414433 0002
MAT. NUMBER : 1057863

SIZE	1/2"	3/4"	1"	1.1/2"	2"			
A	216	229	254	305	368			
B	95	110	120	145	190			
D	21,3	26,7	33,4	48,3	60,3			
E	13,8	19	24,3	38,1	49,2			
F	12	14,5	19	31	40			
WEIGHT kg~	4,2	7	7,8	16	34,5			
FIGURE N°	15H 403	15H 404	15H 405	15H 407	15H 408			
ITEM			340					

B.F.E. S.p.A.
BONNEY FORGE
VALVE LICENSEE

Draw.: M.Teli 26.1.95
Appr.: P.Gargiulo 26.1.95
Revisions A

COMPANY
WITH
QUALITY SYSTEM
CERTIFIED BY DNV
= ISO 9001 =

Title : PISTON CHECK VALVES
CLASS 1500 lbs - FULL BORE

Reference specification
Drawing N° : **15H 40B** 025
BS5352
F22/CR13/CR13*1500LBS

CUSTOMER : CUNADO INTERNACIONAL, S.A.
P.O. NUMBER : 3697
TAG NR : RV491
BFE JOB NR. : 030408

CUSTOMER CODE: 2202

B.F.E. CODE VALVE 186057