

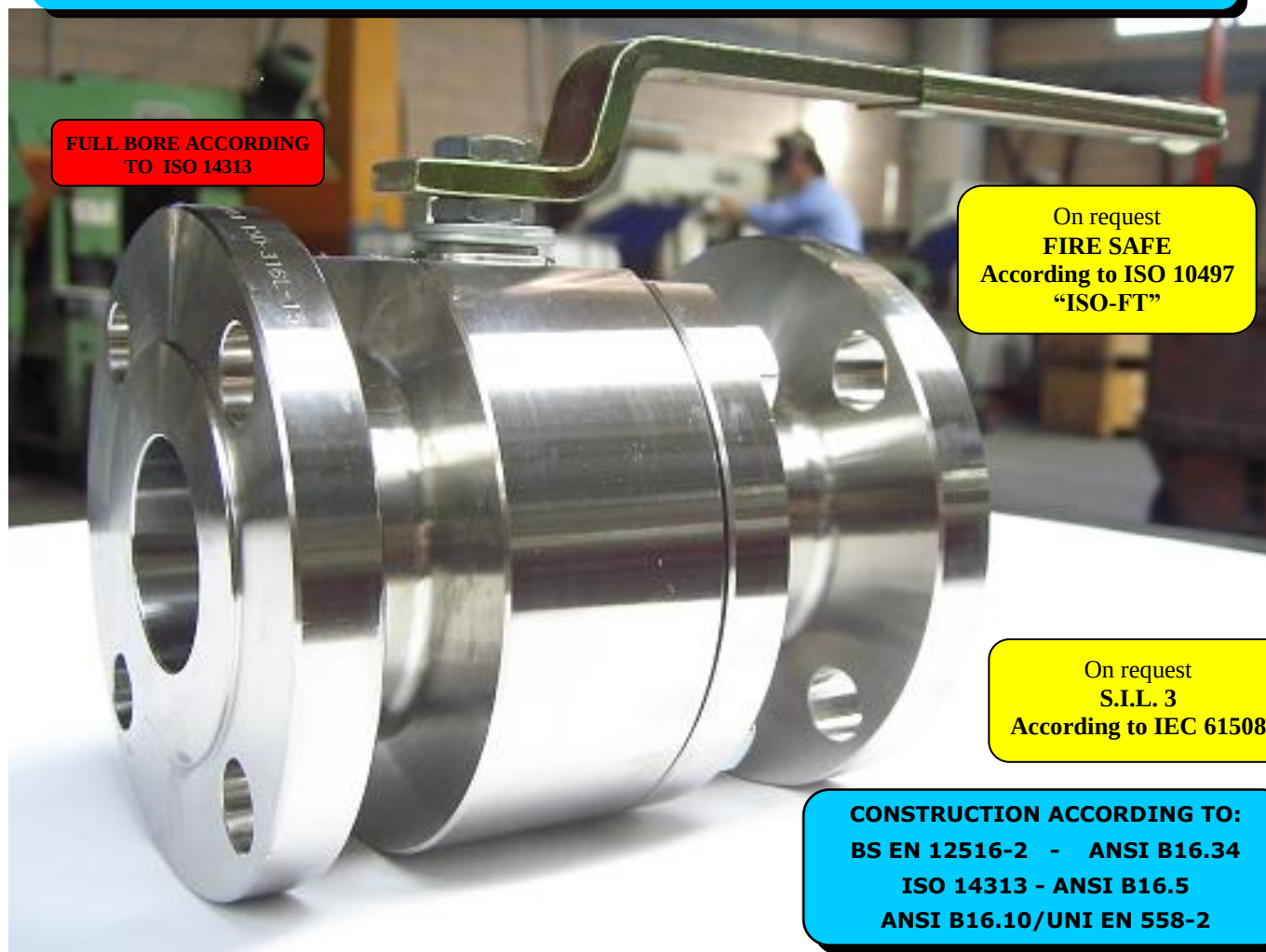
ISO 9001:2008 by L.R.
PED DIR. 97/23/EC by L.R.
ATEX DIR. 94/9/EC by B.V.
FIRE SAFE EXECUTION by L.R.
ISO 15848 by TÜV
ANTISTATIC DEVICE by L.R.
FIRE SAFE TESTED ISO 10497 by L.R.

TYPE
FE2
ANSI 150

NORME E DIRETTIVE APPLICATE DISPONIBILI AL SEGUENTE LINK:
STANDARD AND DIRECTIVE APPLIED AVAILABLE AT FOLLOWING LINK:
http://www.adlerspa.com/pdf/NORME_ADLER.pdf

VALVOLE A SFERA "ANSI B16.10" SPLIT BODY PASSAGGIO TOTALE

ISO nbr° LRC 0160281 QMS issued by L.R.Q.A. PED nbr° COV 0212112/01 issued by L.R.V.
ATEX nbr° 40.2003.4392 issued by B.V. ISO 15848 nbr° I-148466/1-/2 issued by TÜV



FULL BORE ACCORDING
TO ISO 14313

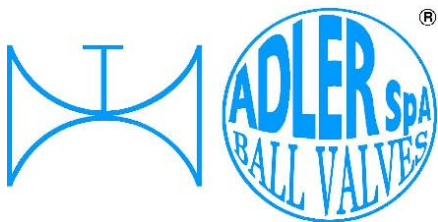
On request
FIRE SAFE
According to ISO 10497
"ISO-FT"

On request
S.I.L. 3
According to IEC 61508

CONSTRUCTION ACCORDING TO:
BS EN 12516-2 - ANSI B16.34
ISO 14313 - ANSI B16.5
ANSI B16.10/UNI EN 558-2

BALL VALVES
"ANSI B16.10" FULL BORE SPLIT BODY
ROBINETS A BOISSEAU SPHERIQUE
"ANSI B16.10" PASSAGE INTEGRAL 2 PIECES
FLANSCHKUGELHÄHNE IN "ANSI B16.10"
VOLLER DURCHGANG ZWEIFTEILIGES GEHÄUSE

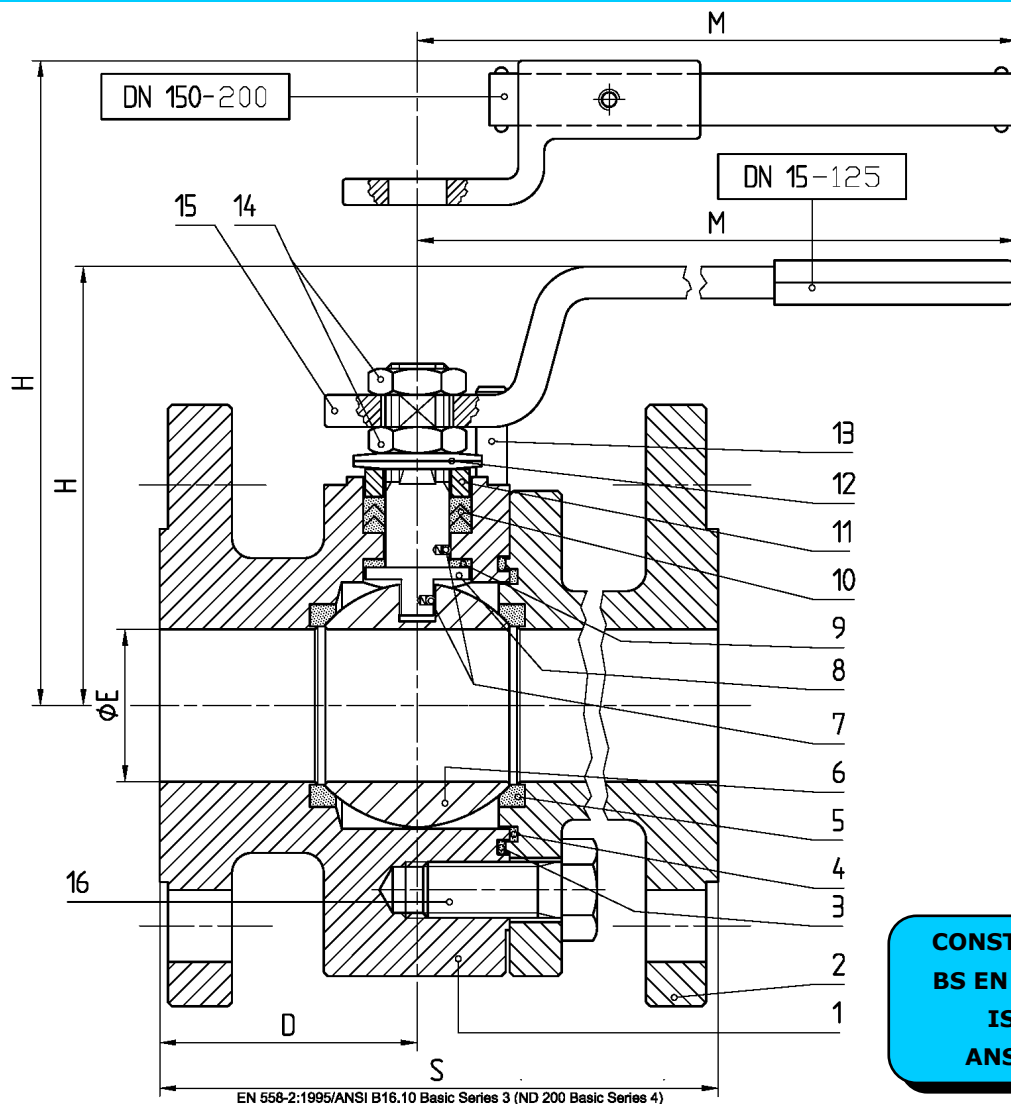
WEB SITE: WWW.ADLERSPA.COM



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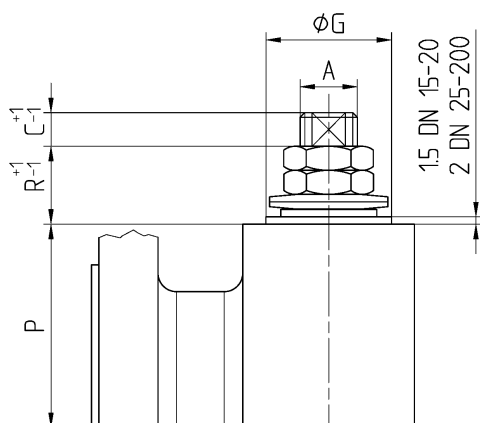
TYPE
FE2
ANSI 150

VALVOLA A SFERA "ANSI B 16.10" SPLIT BODY PASSAGGIO TOTALE
BALL VALVES "ANSI B 16.10" SPLIT BODY FULL BORE
ROBINETS A BOISSEAU SPHERIQUE "ANSI B 16.10" PASSAGE INTEGRAL 2 PIECES
FLANSCHKUGELHÄHNEN IN "ANSI B 16.10" VOLLER DURCHGANG ZWETEILIGES GEHÄUSE



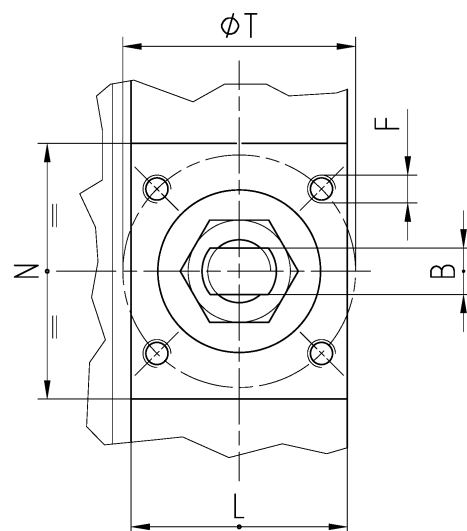
DN 200
-CONSIGLIATO
-RIDUTTORE MANUALE
-MANUAL GEAR BOX
SUGGESTED
-REDUCTEUR MANUEL
CONSEILLE
-EMPFEHLEN WIR EIN
HANDGETRIEBE

CONSTRUCTION ACCORDING TO:
BS EN 12516-2 - ANSI B16.34
ISO 14313 - ANSI B16.5
ANSI B16.10/UNI EN 558-2



- ACCOPPIAMENTO VALVOLA
ATTUATORE
- CONNECTION VALVE
ACTUATOR
- ACCOUPLEMENT ROBINET-
ACTIONNEUR
- ZUSAMMENBAU KUGELHAHN
ANTRIEB

ISO-5211



N.	DESCRIZIONE DESCRIPTION BESCHREIBUNG	MATERIALI MATERIALS MATERIAUX WERKSTOFFE
1	CORPO BODY CORPS KÖRPER	ASTM A105 ASTM A479 304/304L ASTM A479 316/316L ASTM A 351 CF8M
2	LATERALE END LATERAL GEGENGEHÄUSE	ASTM A105 ASTM A479 304/304L ASTM A479 316/316L ASTM A 351 CF8M
3*	O-RING	FKM - (VITON)
4*	ANELLO SEAL ANNEAU DICHTUNGSRING	P.T.F.E.
5*	SEDE SEAT SIEGE SITZRING	P.T.F.E. (BAM CERTIFIED) R.P.T.F.E. (OPTIONAL)
6	SFERA BALL BOULE KUGEL	ASTM A479 304/304L ASTM A351 CF8 ASTM A479 316/316L ASTM A351 CF8M
7	DISPOSITIVO ANTISTATICO ANTISTATIC DEVICE CONTACT ANTISTATIQUE ANTISTATIK VORRICHTUNG	ASTM A479 316/316L
8	STELO STEM TIGE SPINDEL	ASTM A479 304/304L ASTM A479 316/316L

N.	DESCRIZIONE DESCRIPTION BESCHREIBUNG	MATERIALI MATERIALS MATERIAUX WERKSTOFFE
9*	BUSSOLA STEM SEAL JOINT TIGE UNTERE SPINDELABDICHTUNG	P.T.F.E.
10*	PACCO A "V" CHEVRON RINGS JOINT A "V" 3 FACHE DACHMANSCHETTE	P.T.F.E. / GRAFITE P.T.F.E. / GRAPHITE P.T.F.E. / GRAPHITE P.T.F.E. / GRAPHIT
11	PREMIBUSSOLA PRESSING BUSH PRESSE RONDELLE STOPFBUCHSDRUCKRING	ASTM A479 304
12	MOLLE A TAZZA SPRING WASHERS RONDELLES BELLEVILLE TELLERFEDERN	C72/50Cr V ₄ ZINCATO - GALVANIZED - ZINGUE - VERZINKT X5CrNi17.7 or X12CrNi17.7 ON REQUEST
13	VITE DI FERMO E FERMO PIN AND STOP PIN PLOT ET PLOT D'ARRET ANSCHLAGBOLZEN	UNI 3740 8.8 ZINCATO - GALVANIZED - ZINGUE - VERZINKT UNI 3951 A2-70 ON REQUEST
14	DADO - CONTRODADO NUT - LOCK NUT ECROU - CONTRE-ECROU MUTTER - KONTERMUTTER	UNI 3740 - 6S ZINCATO - GALVANIZED - ZINGUE - VERZINKT ASTM A479 304 ON REQUEST
15	LEVA WRENCH LEVIER HANDHEBEL	AISI 1010 ZINCATO - GALVANIZED - ZINGUE - VERZINKT ASTM A479 304 ON REQUEST
16	VITE SCREW VIS SCHRAUBE	UNI 3740 8.8 ZINCATO - GALVANIZED - ZINGUE - VERZINKT UNI 3951 A2-70 ON REQUEST

* RICAMBI CONSIGLIATI - RECOMMENDED SPARE PARTS - PIECES DE RECHANGE CONSEILLEES - ERSATZTEIL EMPFEHLUNG

DIMENSIONI - DIMENSION - DIMENSIONS - ABMESSUNGEN

DN	15	20	25	32	40	50	65	80	100	125	150	200	250	300
A	10	10	12	12	16	16	22	22	30	30	42	48		
B	6	6	8	8	10	10	14	14	18	18	28	32		
C	7	7	10	10	10	10	12	17	17	17	19	20		
D	46	48,5	49	52	58	76	72	75	77	100	117	155		
E	15	19	25	30	38	51	64	76	101	118	152	203		
F	M5	M5	M5	M5	M6	M6	M8	M8	M8	M10	M12	M16		
ISO	F03	F03	F03	F03	F05	F05	F07	F07	F07	F10	F12	F14		
G	25	25	25	25	35	35	55	55	55	70	85	100		
H	86	88	113	119	110	120	144	152	174	188	256	294		
L	33	33	33	35	45	53	62	62	64	92	129	176		
M	145	145	185	185	280	280	370	370	470	650	750	900		
N	33	39	43	55	57	64	67	65	70	97	109	123		
P	32,5	35	41	46,5	55	65	82	86	99,5	113,5	144	183		
R	8	8	17	17	20	20	23	23	26	26	34	36		
S	108	117	127	140	165	178	190	203	229	254	267	419		
T	36	36	36	36	50	50	70	70	70	102	125	140		
~Kg	2,7	3,6	4,5	6,2	9	14,3	21,5	25	34	56	91	159		
~Kg										48	67	121		

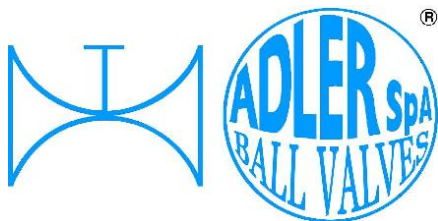
- DATI E CARATTERISTICHE SOGGETTI A VARIAZIONI SENZA PREAVVISO
- SPECIFICATIONS SUBJECT TO MODIFICATION WITHOUT PRIOR NOTICE
- TOUS DROITS DE MODIFICATION RESERVES
- KONSTRUKTIONSÄNDERUNGEN VORBEHALTEN

ASTM A 105

ASTM A 216 WCB - A 351 CF8M



ADLER SpA - BALL VALVES
20010 S. STEFANO TICINO (MI) ITALY V.le BORLETTI, 14 Tel. +39/02974842.11 FAX +39/0297271698
E-mail: adler@adlerspa.com <http://www.adlerspa.com>



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ATEX DIR. 94/9/EC by B.V.
FIRE SAFE EXECUTION by L.R.
ISO 15848 by TÜV
ANTISTATIC DEVICE by L.R.
FIRE SAFE TESTED ISO 10497 by L.R.

TYPE
FE2
ANSI 150

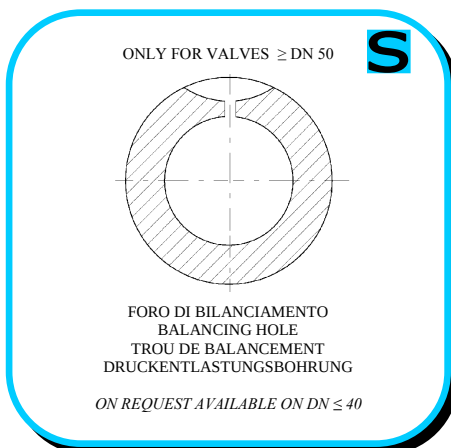
VALVOLA A SFERA "ANSI B16.10" PASSAGGIO TOTALE
BALL VALVES "ANSI B16.10" FULL BORE

ROBINETS A BOISSEAU SPHERIQUE "ANSI B16.10" PASSAGE INTEGRAL
FLANSCHKUGELHÄHNE IN "ANSI B16.10" VOLLER DURCHGANG

• ESECUZIONI • EXECUTIONS • EXECUTIONS • AUSFÜHRUNGEN



EXECUTION 4 - 12



EXECUTION 6 - 16

S STANDARD

O OPTIONAL

VALVOLE CERTIFICATE S.I.L. 3
VALVES CERTIFIED S.I.L. 3



ON REQUEST

STAINLESS STEEL
ASTM A479 304
DN 15 ÷ 100
ASTM A351 CF8
DN 150 ÷ 300

3

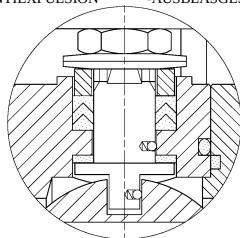
O

PN
10 ÷ 40

4

S

-STELO ANTI ESPULSIONE -ANTI BLOW OUT STEM
-TIGE ANTIEXPULSION -AUSBLASGESICHERTE WELLE



-PACCO A "V" -CHEVRON RINGS
-JOINT A "V" -3 FACHE DACHMANSCHETE
ANTISTATIC DEVICE ANTISTATIK VORRICHTUNG BS 5146

KEY TORQUE



6

BREVETTO - PATENTED
00219688

O

FKM (VITON)
-“O” RING STELO -“O” RING ON STEM
-TIGE AVEC “O” RING
-“O” RING IM SPINDELBEREICH



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ISO 15848 by TÜV
ANTISTATIC DEVICE by L.R.
FIRE SAFE TESTED ISO 10497 by L.R.

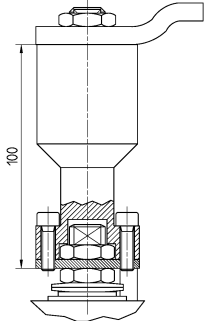
TYPE
FE2
ANSI 150

VALVOLA A SFERA "ANSI B16.10" PASSAGGIO TOTALE
BALL VALVES "ANSI B16.10" FULL BORE

ROBINETS A BOISSEAU SPHERIQUE "ANSI B16.10" PASSAGE INTEGRAL
FLANSCHKUGELHÄHNE IN "ANSI B16.10" VOLLER DURCHGANG

• ESECUZIONI • EXECUTIONS • EXECUTIONS • AUSFÜHRUNGEN

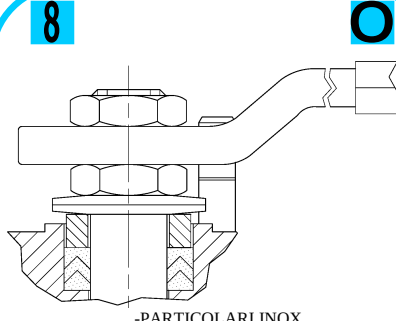
7



O

-PROLUNGA STELO -STEM EXTENSION
-TIGE PROLONGEE -SPINDELVERLÄNGERUNG

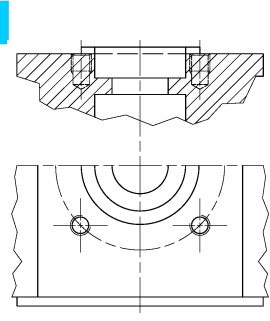
8



O

-PARTICOLARI INOX -STAINLESS STEEL DETAILS
-ACCESSOIRES EN INOX -EDELSTAHLTEILE

9



S

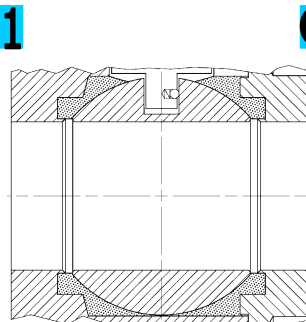
-ATTACCO "ISO" -"ISO" CONNECTIONS
-SYSTEM "ISO" -ANSCHLUSS "ISO"

ADLER

UNA GAMMA COMPLETA
PRIVILEGIANDO LA QUALITA'

A COMPLETE RANGE PRIVILEGING
THE QUALITY

11

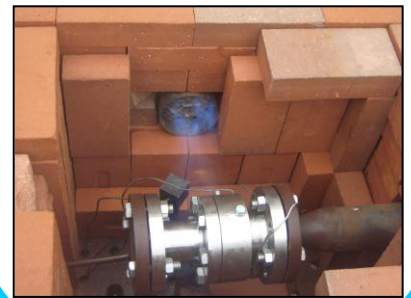


O

-TENUTA INTEGRALE -POCKETLESS SEATS
-TENUUE INTEGRALE -TOTRAUMARM
-P.T.F.E. / R.T.F.E.

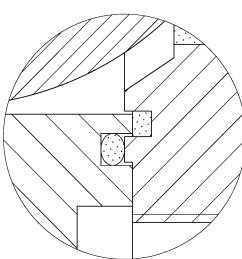
12

FIRE SAFE
ISO 10497 "ISO-FT"
(BS 6755 / API 607)



O

13



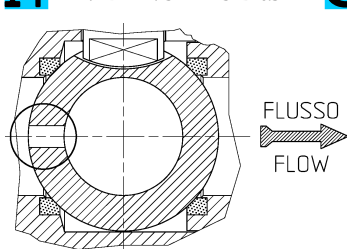
S

BREVETTO - PATENTED
00219619

-DOPPIA TENUTA -DOUBLE SEALS
-DOUBLE ETANCHEITE -DOPPELTE ABDICHTUNG
-LATERALE A BATTUTA -METAL BEATING END
-LATERAL AVEC BATTUE MECANIQUE
-METALLISCHER ANSCHLAG DES
GEGENGEHAUSES

14

VEDERE / SEE ANSI B16.34

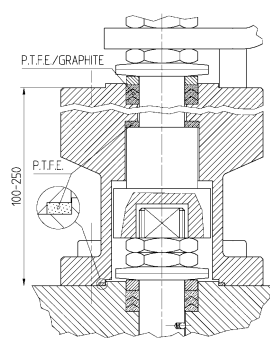


O

FLUSSO
FLOW

-FORO DI SCARICO NELLA SFERA
-OVERPRESSURE HOLE INTO BALL
-TROU DECOMPRESSION DANS LA BOULE
-ENTLASTUNGSBOHRUNG IN DER KUGEL
VALVOLA MONO DIREZIONALE
MONO-DIRECTIONAL VALVE

15



O

- SERVIZIO CRIOGENICO - CRYOGENIC SERVICE
- SERVICE CRYOGENIQUE
- TIEFTEMPERATUR SERVICE

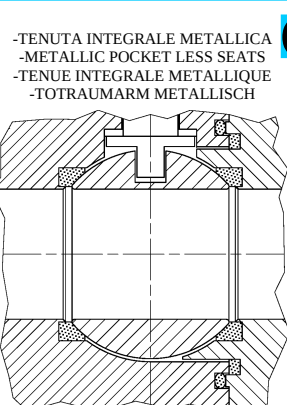
16



O

-FIRE SAFE ISO FT + "O" RING STEM
-FIRE SAFE ISO FT + "O" RING ON STEM
-SECURITE FEU ISO FT + TIGE AVEC "O" RING
-FEUERSICHERE AUSFÜHRUNG ISO FT +
"O" RING IM SPINDELBEREICH

17

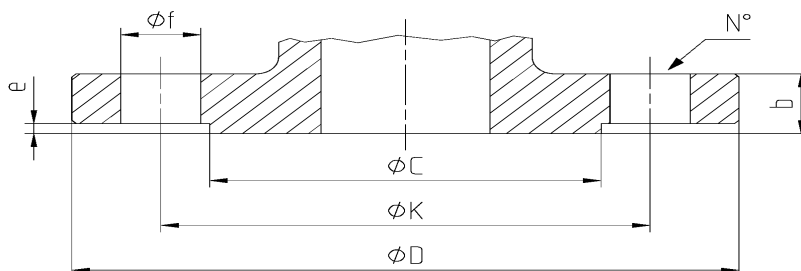


O

-TENUTA INTEGRALE METALLICA
-METALLIC POCKET LESS SEATS
-TENUUE INTEGRALE METALLIQUE
-TOTRAUMARM METALLISCH

ANTISTATIC DEVICE
CERTIFICATE





ANSI B16.5

DN	Ref.	½"	¾"	1"	1 ¼"	1 ½"	2"	2 ½"	3"	4 "	5"	6"	8"	10"	12"
ANSI 150 RF	D	88.9	98.6	108	117.4	127	152.4	177.8	190.5	228.6	254	279.4	342.9		
	C	35.1	43	50.8	63.5	92	104.7	127	157.3	185.7	215.9	269.8	269.8		
	K	6035	69.9	79.2	88.9	98.6	120.7	139.7	152.4	190.5	215.9	241.3	298.5		
	N°	4	4	4	4	4	4	4	4	8	8	8	8		
	f	15.8	15.8	15.8	15.8	19.1	19.1	19.1	19.1	19.1	22.4	22.4	22.4		
	b	11.2	12.7	14.3	15.8	17.6	19.1	22.4	23.9	23.9	23.9	25.4	28.5		
	e	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6		

EN 1092-1 (OPTIONAL)

DN	Ref.	10	15	20	25	32	40	50	65	80	100	125	150	200	250	300
PN 10/16	D		95	105	115	140	150	165	185	200	220	250	285	340		
	C		45	58	68	78	88	102	122	138	158	188	212	268		
	K		65	75	85	100	110	125	145	160	180	210	240	295		
	N°		4	4	4	4	4	4	4*	8	8	8	8	8		
	f		14	14	14	18	18	18	18	18	18	18	22	22		
	b		16	18	18	18	18	18	18	20	20	22	22	24		
	e		2	2	2	2	3	3	3	3	3	3	3	3		
PN 25/40	D		95	105	115	140	150	165	185	200	235	270	300	375		
	C		45	58	68	78	88	102	122	138	162	188	218	285		
	K		65	75	85	100	110	125	145	160	190	220	250	320		
	N°		4	4	4	4	4	4	8	8	8	8	8	12		
	f		14	14	14	18	18	18	18	18	22	26	26	30		
	b		16	18	18	18	18	20	22	24	24	26	28	34		
	e		2	2	2	2	3	3	3	3	3	3	3	3		

* n°8 fori

