

ISO 9001:2015 by L.R.
PED DIR. 2014/68/UE by L.R.
ATEX DIR. 2014/34/UE by B.V.
FIRE SAFE EXECUTION by L.R.

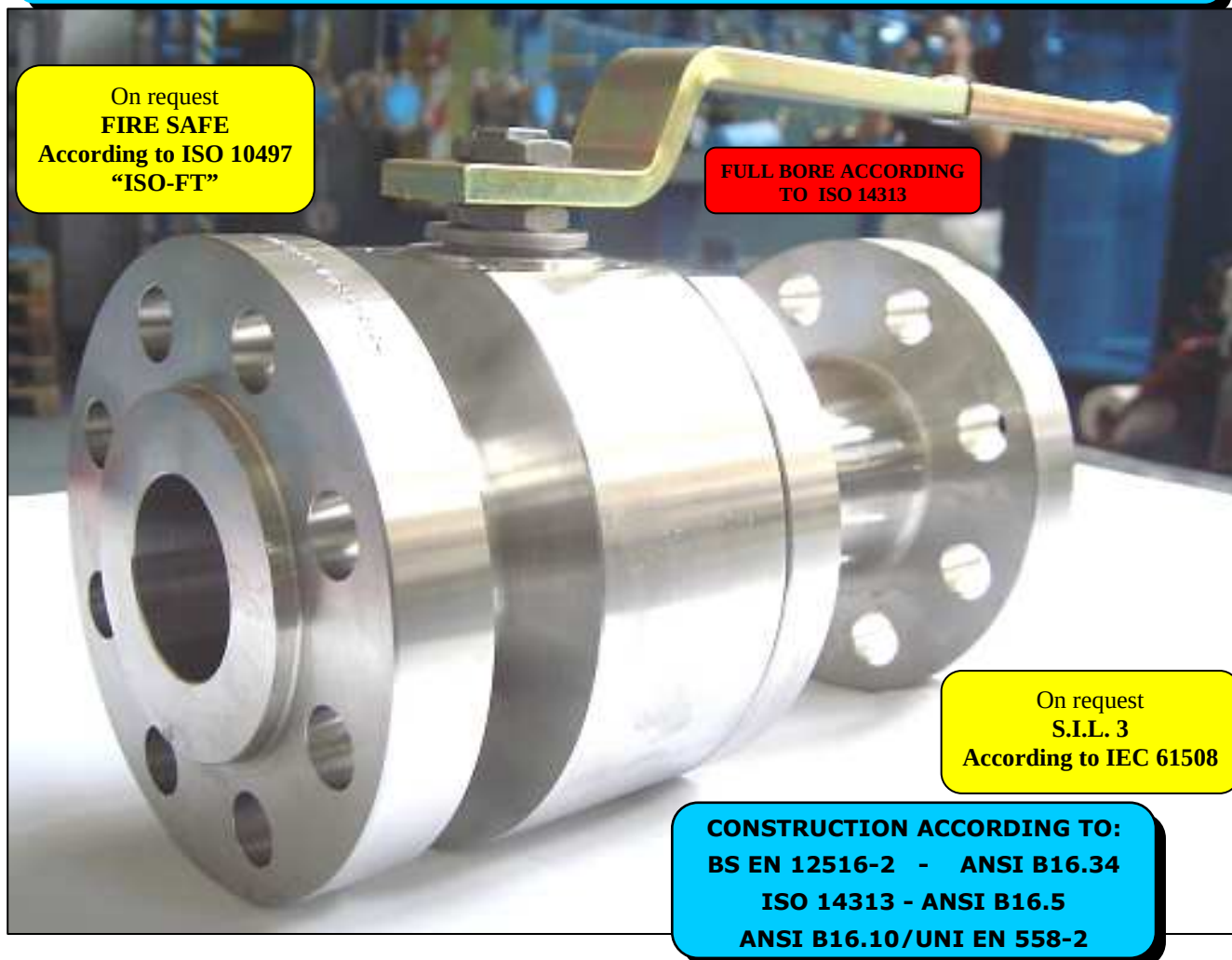
ANTISTATIC DEVICE by L.R.
FIRE SAFE TESTED ISO 10497 by L.R.
EAC CERTIFICATION by B.V.

TYPE
FH2
ANSI 600

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



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

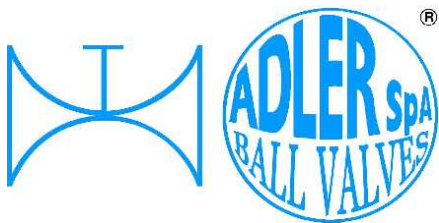
**FULL BORE ACCORDING
TO ISO 14313**

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

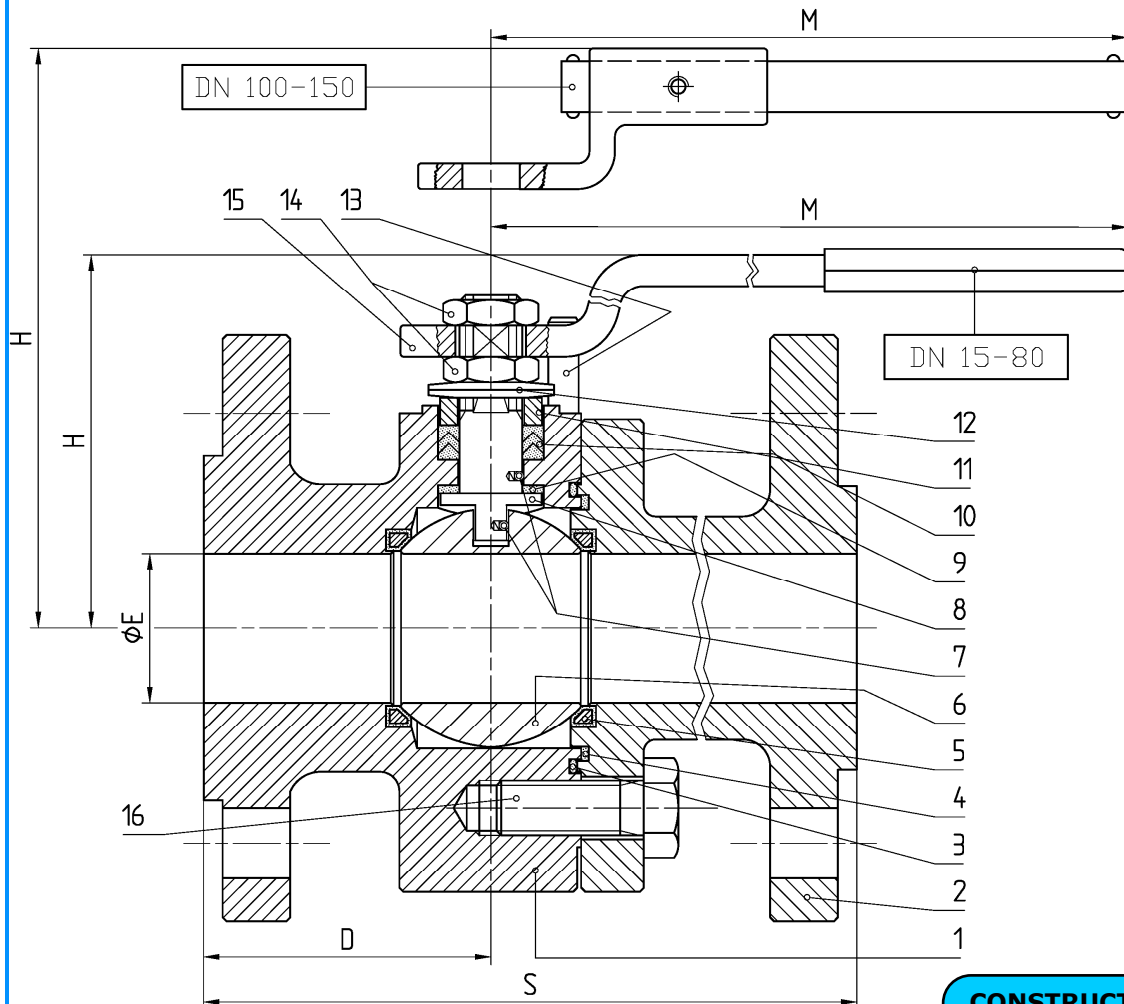


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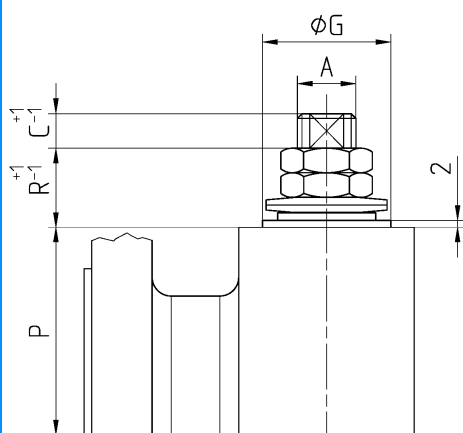
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ANSI 600

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
FLANSCHKUGELHÄHN IN "ANSI B 16.10" VOLLER DURCHGANG ZWETEILIGES GEHÄUSE



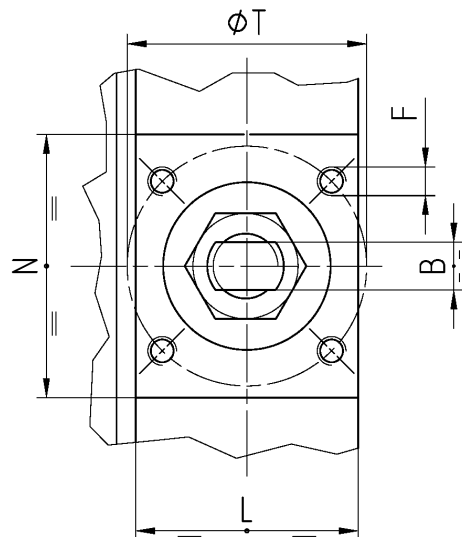
DN 150
-CONSIGLIATO
RIDUTTORE MANUALE
-MANUAL GEAR BOX
SUGGESTED
-REDUCTEUR MANUEL
CONSEILLE
-EMPFEHLEN WIR EIN
HANDGETRIEBE

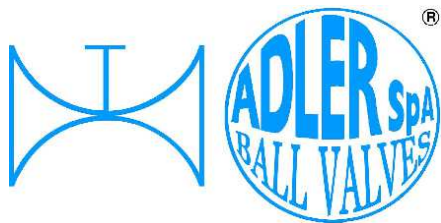
CONSTRUCTION ACCORDING TO:
BS EN 12516-2 - ANSI B16.34
ISO 14313 - ANSI B16.5
ANSI B16.10/UNI EN 558-2



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

ISO-5211





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TYPE
FH2
ANSI 600

N.	DESCRIZIONE DESCRIPTION BESCHREIBUNG	MATERIALI MATERIAUX WERKSTOFFE
1	CORPO BODY CORPS MITTE	ASTM A105 ASTM A479 304/304L ASTM A479 316/316L ASTM A 351 CF8M
2	LATERALE END LATERAL ENDE	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 RINFORZATA SEAT REINFORCED SIEGE RENFORCE SITZRING VERSTÄRKT	P.T.F.E. / STAINLESS STEEL
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 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 V4 X5CrNi17.7 or X12CrNi17.7 ZINCATO - GALVANIZED - ZINGUE - VERZINKT ON REQUEST
13	VITE DI FERMO E FERMO PIN AND STOP PIN PLONT ET PLOT D'ARRET ANSCHLAGBOLZEN	UNI3740 8.8 UNI 3951 A2-70 ZINCATO - GALVANIZED - ZINGUE - VERZINKT ON REQUEST
14	DADO - CONTRODADO NUT - LOCK NUT ECROU - CONTRE-ECROU MUTTER - KONTERMUTTER	UNI 3740 - 6S ASTM A479 304 ZINCATO - GALVANIZED ZINGUE - VERZINKT ON REQUEST
15	LEVA WRENCH LEVIER HANDHEBEL	AISI 1010 ASTM A479 304 ZINCATO/VERNICIATO GALVANIZED/PAINTED ZINGUE/PEINT VERZINKT/GEMALTEN ON REQUEST
16	VITE SCREW VIS SCHRAUBE	UNI 3740 8.8 UNI 3951 A2-70 ZINCATO - GALVANIZED - ZINGUE - VERZINKT 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	12	12	16		22	22		30	42		48			
B	8	8	10		14	14		18	28		32			
C	8,5	8,5	10		12	12		16,5	19		20			
D	65,5	78,5	77		99	98,5		155	180		194			
E	15	19	25		38	51		76	101		152			
F	M5	M5	M6		M8	M8		M8	M12		M16			
ISO	F03	F03	F05		F07	F07		F07	F12		F14			
G	25	25	35		55	55		55	85		100			
H	104	106	100		128	138		170	224,5		267			
L	38	47	47		65	67		110	150		139			
M	185	185	280		370	370		470	750		900			
N	43	66	48		70	70		72	120		135			
P	35,5	37,5	46		66,5	76,5		97	113		163			
R	14	14	20		23	23		26	34		27			
S	165	191	216		241	292		356	432		559			
T	36	36	50		70	70		70	125		140			
Kg	5,5	7,4	9		18,5	25		50	92		210			
Kg											130			

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

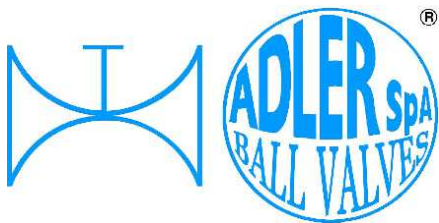


ADLER SpA - BALL VALVES
20010 S. STEFANO TICINO (MI) ITALY V.le BORLETTI, 14 Tel. +39/02974842.11 FAX +39/0297271698
E-mail: adler@adlerspa.com <http://www.adlerspa.com>

ASTM A105

ASTM A 351 CF8M

ANSI 600



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TYPE
FH2
ANSI 600

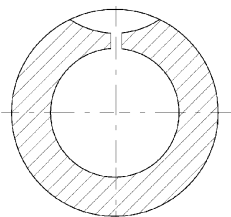
• ESECUZIONI • EXECUTIONS • EXECUTIONS • AUSFÜHRUNGEN



EXECUTION 4- 12

ONLY FOR VALVES $\geq$ DN 50

S



FORO DI BILANCIAMENTO
BALANCING HOLE
TROU DE BALANCEMENT
DRUCKENTLASTUNGSBOHRUNG

ON REQUEST AVAILABLE ON DN $\leq$ 40



EXECUTION 6 - 16

S STANDARD

O OPTIONAL

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



2 ON REQUEST **O**

STAINLESS STEEL
ASTM A479 304
DN 15 ÷ 100

ASTM A351 CF8
DN 150 ÷ 300

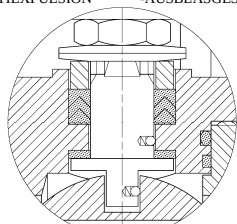
FIRE SAFE ISO FT CERTIFICATE



4

S

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



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

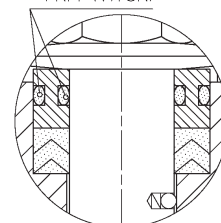
TOLLERANCE CHECK 10^{-4}



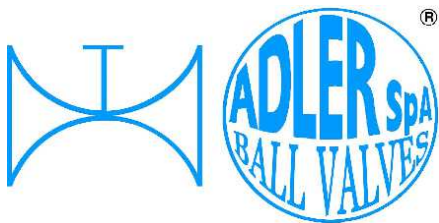
6

BREVETTO - PATENTED
00219688 - 21-04-1993

FKM (VITON)



-“O” RING STELO “O” RING ON STEM
-TIGE AVEC “O” RING
-“O” RING IM SPINDELBEREICH

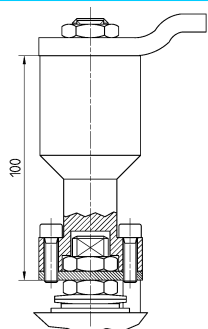


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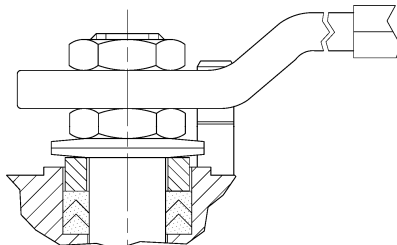
TYPE
FH2
ANSI 600

7



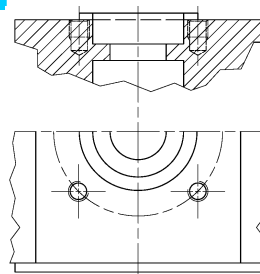
-PROLUNGA STELO -STEM EXTENSION
-TIGE PROLONGEE -SPINDELVERLÄNGERUNG

8



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

9



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

AQUILA - EAGLE - AIGLE
ADLER



CRYOGENIC VALVES ON
SERVICE

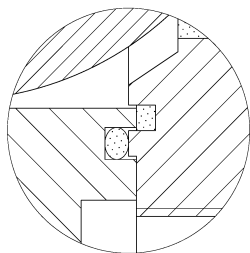


12

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



13

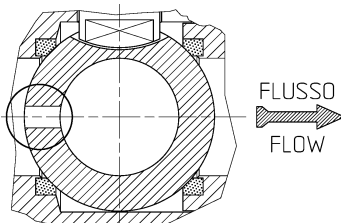


BREVETTO - PATENTED
00219619

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

14

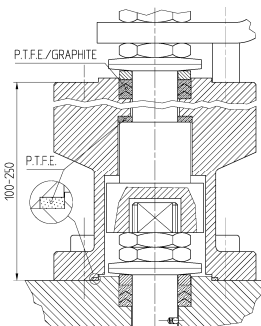
VEDERE / SEE ANSI B16.34



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



-SERVIZIO CRIOGENICO - CRYOGENIC SERVICE
-SERVICE CRYOGENIQUE
-TIEFTEMPORATUR SERVICE

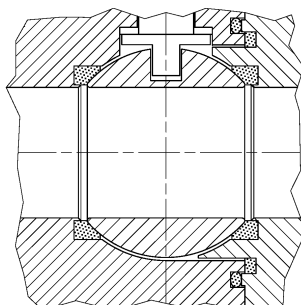
16



-FIRE SAFE ISO FT+ "O" RING STELO
-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

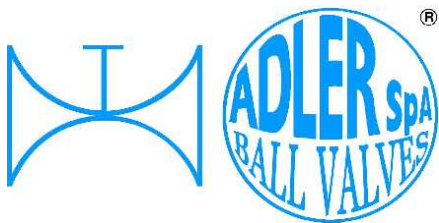
-TENUTA INTEGRALE METALLICA
-METALLIC POCKET LESS SEATS
-TENUE INTEGRALE METALLIQUE
-TOTRAUMARM METALLISCH



ADLER

UNA GAMMA COMPLETA
PRIVILEGIANDO LA QUALITA'

A COMPLETE RANGE PRIVILEGING
THE QUALITY

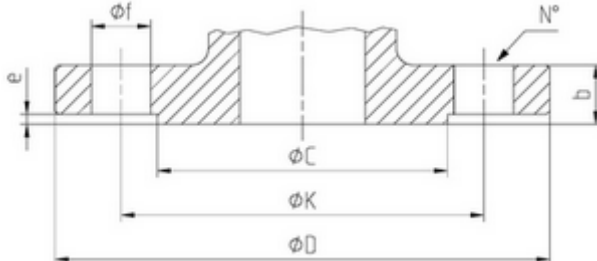


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DIMENSIONI FLANGE - FLANGE DIMENSION - DIMENSIONS BRIDES - FLANSCHANSCHLUSSMASSE



ANSI B16.5

DN	Ref.	½"	¾"	1"	1 ¼"	1 ½"	2"	2 ½"	3"	4 "	5"	6"	8"	10"	12"
ANSI 600 RF	D	95.3	117.4	133.4	133.4	155.5	165.1	190.5	209.6	273.1	330.2	355.6	419.1	508	558.8
	C	35.1	43	63.5	63.5	73.2	92	104.7	127	157.3	185.7	215.9	269.8	323.9	381
	K	66.5	82.6	98.6	98.6	114.3	127	149.4	168.1	215.9	266.7	292.1	349.3	431.8	489
	N°	4	4	4	4	4	8	8	8	8	8	12	12	16	20
	f	15.8	19.1	19.1	19.1	22.4	19.1	22.4	22.4	25.4	28.5	28.5	31.8	35.1	35.1
	b	20.7	22.2	27	27	28.8	31.8	34.9	38.2	44.5	50.9	54.2	62.1	69.9	73
	e	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4

