

ISO 9001 by L.R.
PED DIR. 2014/68/UE by L.R.
ATEX DIR. 2014/34/UE by B.V.
FIRE SAFE EXECUTION BS6755/API 607 by L.R.
FIRE SAFE TESTED ISO 10497 by L.R.
ISO 15848 by TÜV
ANTISTATIC DEVICE by L.R.
EAC CERTIFICATION by B.V.

TYPE
FT4
PN 10 ÷ 40
ANSI 150 ÷ 300

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 "3 VIE CORPO PIATTO" PASSAGGIO TOTALE 90°



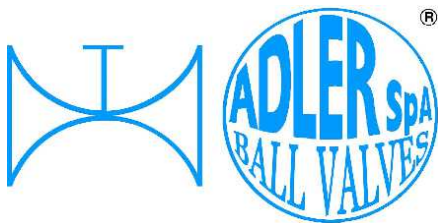
FULL BORE ACCORDING
TO ISO 14313

CONSTRUCTION ACCORDING TO:
ANSI B16.34 - BS EN 12516-2

ACTUATED
BALL VALVES
CERTIFIED
SIL 3 Capable
According to IEC 61508

**BALL VALVES "3 WAY WAFER" FULL BORE 90°
ROBINETS A BOISSEAU SPHERIQUE
"3 VOIES WAFER"
PASSAGE INTEGRAL 90°
KUGELHÄHNE "3 WEGE KOMPAKTHAHN"
VOLLER DURCHGANG 90°**

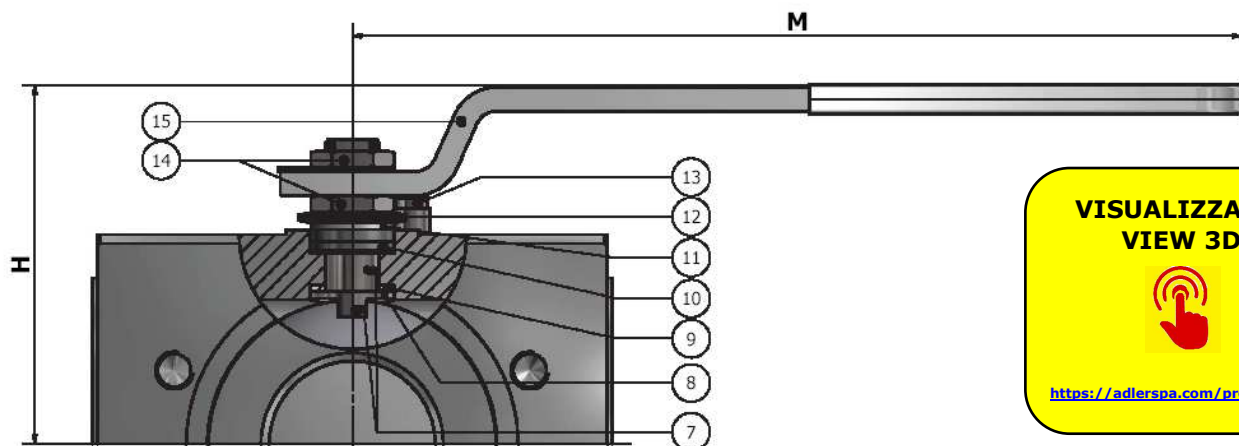
WEB SITE: WWW.ADLERSPA.COM



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FT4
 PN 10 ÷ 40
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VALVOLA A SFERA "3 VIE CORPO PIATTO" PASSAGGIO TOTALE 90°
BALL VALVES "3 WAY WAFER" FULL BORE 90°
ROBINETS A BOISSEAU SPHERIQUE "3 VOIES WAFER" PASSAGE INTEGRAL 90°
KUGELHÄHNE "3 WEGE KOMPAKTHAHN" VOLLER DURCHGANG 90°



**VISUALIZZA 3D
 VIEW 3D**



<https://adlerspa.com/prodotti/ft4>

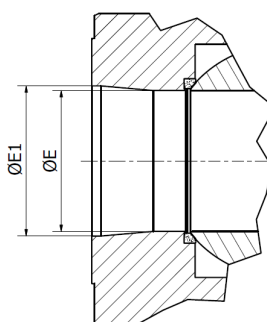
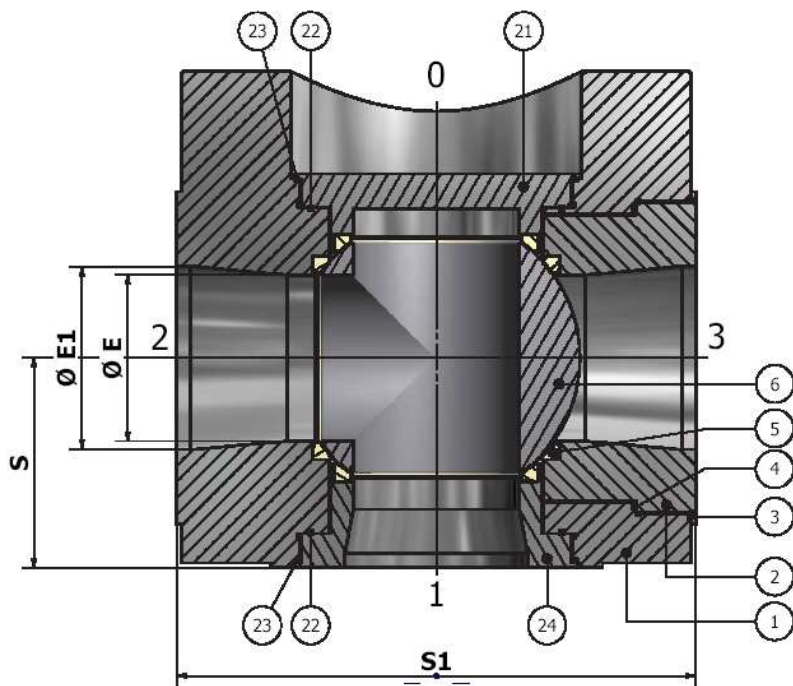
Per montaggio con guarnizioni
 spirometalliche, contattare Adler Spa.

For assembling with spiral-wound
 gaskets, contact Adler Spa

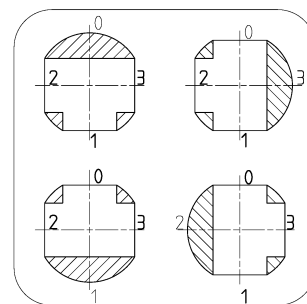
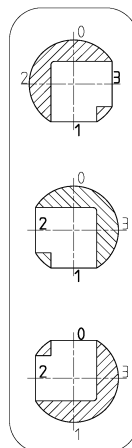
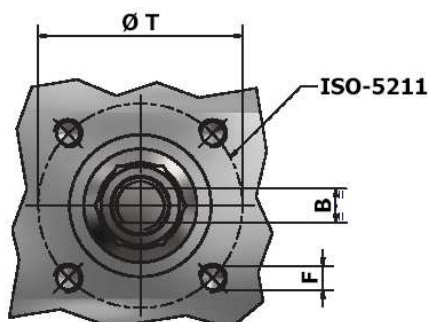
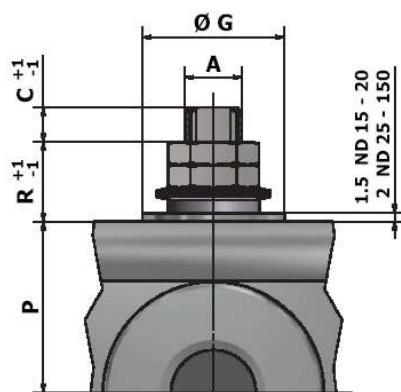
**FLANGE DIMENSIONS
 according to
 EN 1092-1 or ANSI B16.5
 see table**

<https://adlerspa.com/wp-content/uploads/2023/11/Tabella-dimensioni-flange-valvole-Adler.pdf>

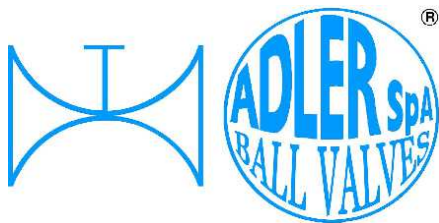
**DN 65 PN 16 ESECUZIONE
 STANDARD CON 4 FORI
 SU RICHIESTA DISPONIBILE
 CON 8 FORI
 DN 65 PN 16 STANDARD
 EXECUTION WITH 4 HOLES
 ON REQUEST AVAILABLE WITH
 8 HOLES**



DN 100 ÷ 150



**POSIZIONI OTTENIBILI
 OBTAINABLE POSITIONS
 POSITIONS OBTENABLES
 MÖGLICHE STELLUNGEN**



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EAC CERTIFICATION by B.V.

TYPE
FT4
PN 10 ÷ 40
ANSI 150 ÷ 300

N.	DESCRIZIONE DESCRIPTION BESCHREIBUNG	MATERIALI MATERIALS MATERIAUX WERKSTOFFE
1	CORPO BODY CORPS MITTE	ASTM A105 ASTM A479 304/304L ASTM A479 316/316L
2	GHIERA INSERT EMBOUT GEWINDEDRUCKRING	ASTM A105 ASTM A479 304/304L ASTM A479 316/316L
3*◇	O-RING	FKM (VITON)
4*	ANELLO SEAL ANNEAU DICHTUNGSRING	P.T.F.E.
5*	SEDE SEAT SIEGE SITZRING	P.T.F.E. 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
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

N.	DESCRIZIONE DESCRIPTION BESCHREIBUNG	MATERIALI MATERIALS MATERIAUX WERKSTOFFE
11	PREMIBUSSOLA PRESSING BUSH PRESSE RONDELLE STOPFBÜCHSDRUCKRING	ASTM A479 304
12	MOLLE A TAZZA SPRING WASHERS RONDELLES BELLEVILLE TELLERFEDERN	C72/50Cr V4 ZINCATO - GALVANIZED - ZINGUE - VERZINKT X10CrNi18.8 ON REQUEST
13	VITE DI FERMO E FERMO PIN AND STOP PIN PLOT ET PLOT D'ARRET ANSCHLAGBOLZEN	UNI3740 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 GALVANIZED AND PAINTED FOR S.S. VALVES ASTM A479 304 PAINTED FOR C.S. VALVES ON REQUEST
21	GHIERA INSERT EMBOUT GEWINDEDRUCKRING	ASTM A105 ASTM A479 304/304L ASTM A479 316/316L
22*	ANELLO SEAL ANNEAU DICHTUNGSRING	P.T.F.E.
23*	O-RING	FKM (VITON)
24	GHIERA INSERT EMBOUT GEWINDEDRUCKRING	ASTM A105 ASTM A479 304/304L ASTM A479 316/316L

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

◇ WAY 0 : IN VALVES FROM DN65 TO DN150 / WAY 1 : IN ALL VALVES / WAY 3 : ONLY IN VALVES DN20, 25, 32, 40, 80, 100, 125, 150

ON REQUEST P.T.F.E. AVAILABLE CERTIFIED BAM, FDA, MOCA

DIMENSIONI - DIMENSION - DIMENSIONS - ABMESSUNGEN

DN	10	15	20	25	32	40	50	65	65	80	100	100	125	150	200
A		10	10	12	12	16	16	22	22	22	30	30	30	42	
B		6	6	8	8	10	10	14	14	14	18	18	18	28	
C		7	7	10	10	15	15	17	17	17	17	17	17	19	
ØE		15	19	25	30	38	51	64	64	69	87	87	108	136	
ØE1		-	-	-	-	-	-	-	-	76	101	101	115	152	
F		M5	M5	M5	M5	M6	M6	M8	M8	M8	M10	M10	M10	M12	
ISO		F03	F03	F03	F03	F05	F05	F07	F07	F07	F07/F10*	F07/F10*	F10	F12	
G		25	25	25	25	35	35	55	55	55	70	70	70	85	
H		70	75	90	95	112	122	147	147	149	174	174	183	256	
M		145	145	185	185	280	280	370	370	370	470	470	650	750	
P		36,6	41	46	51	57	67	85	85	87	99,5	107	113	144	
R		8	8	17	17	20	20	23	23	23	26	18	26	34	
S		32	40	41,5	52,5	56,5	62	70	81	87	96	105	116	180	
S1		97	108	115	140	150	165	185	206	216	230	262	290	370	
T		36	36	36	36	50	50	70	70	70	102	102	102	125	
~Kg		4	6,5	7,5	12	15,5	18	25,5	35	54	69	90	125	200	

*Information ISO dimensions on request

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

PN 10 ÷ 16 - ANSI 150

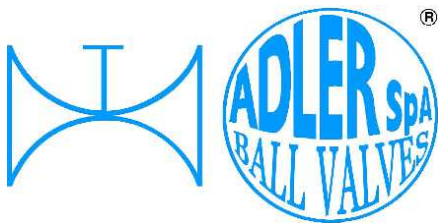
PN 25 ÷ 40

PN 10 ÷ 40

DN 100 ANSI 150 S=100,5 S1= 240



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>



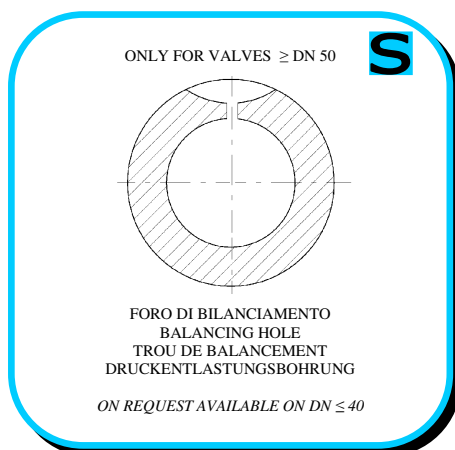
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 ISO 15848 by TÜV
 ANTISTATIC DEVICE by L.R.
 EAC CERTIFICATION by B.V.

TYPE
FT4
 PN 10 ÷ 40
 ANSI 150 ÷ 300

• ESECUZIONI • EXECUTIONS • EXECUTIONS • AUSFÜHRUNGEN



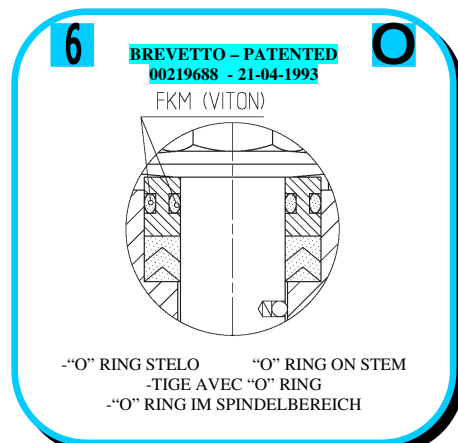
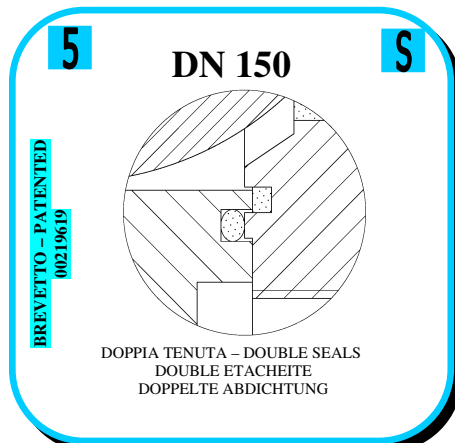
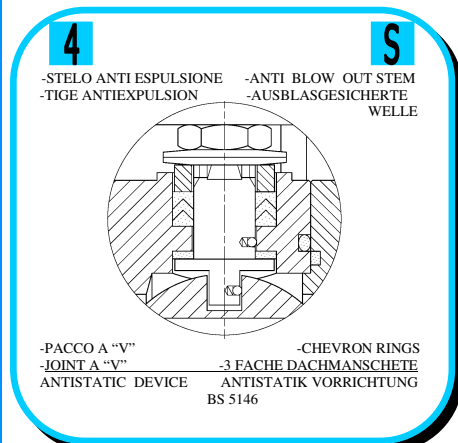
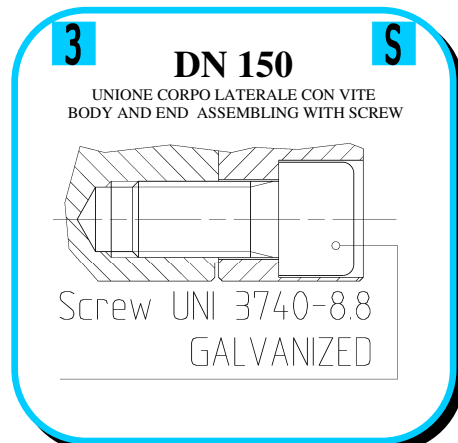
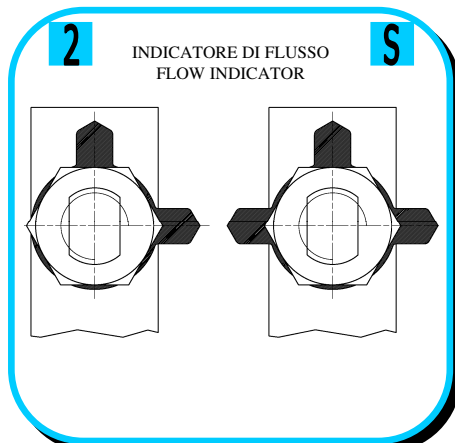
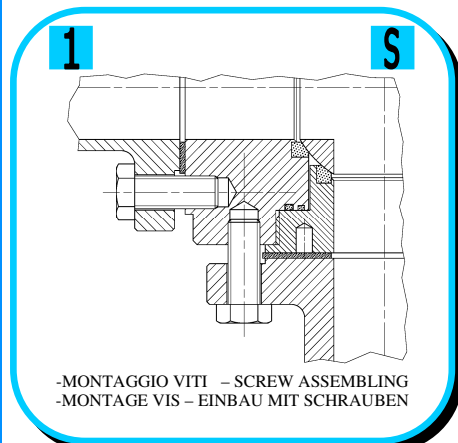
EXECUTION 4- 12

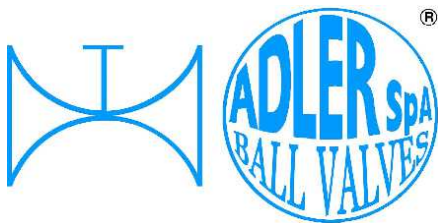


EXECUTION 6 - 16

S STANDARD

O OPTIONAL

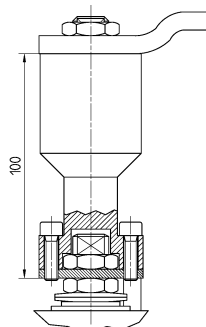




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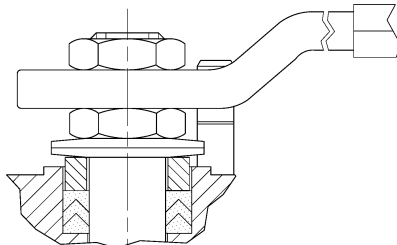
TYPE
FT4
PN 10 ÷ 40
ANSI 150 ÷ 300

7



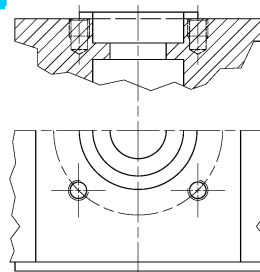
-PROLUNGA STELO -STEM EXTENSION
-TIGE PROLONGEE -SPINDELVERLÄNGERUNG

8



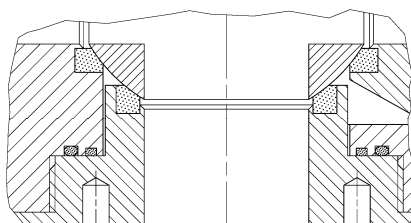
-PARTICOLARI INOX
-STAINLESS STEEL DETAILS
-ACCESSOIRES EN INOX
-EDELSTAHLTEILE

9



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

10



-SFERA CONTENUTA -CONTENTS BALL
-BOULE CONTENUE
-NICHT RAUSRAGENDE KUGEL

AQUILA - AEGLE - AIGLE
ADLER

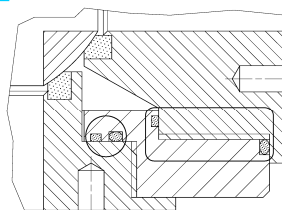


12

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



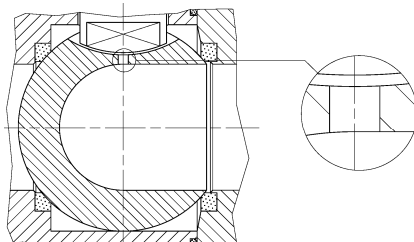
13



-DOPPIA TENUTA -DOUBLE SEALS
-DOUBLE ETANCHEITE -DOPPELTE ABDICHTUNG
-GHIERA A BATTUTA -METAL BEATING RING
-EMBOUT AVEC BATTUE MECANIQUE
-METALLISCHER ANSCHLAG DES
GEWINDEDUCKRINGS

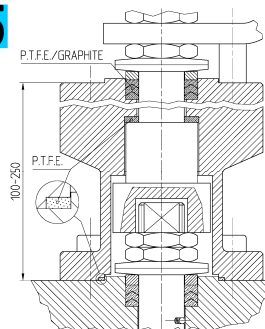
14

FORO DI BILANCIAMENTO
BALANCING HOLE
TROU DE BALANCEMENT
DRUCKENTLASTUNGSBOHRUNG



ONLY FOR VALVES ≤ DN 40

15



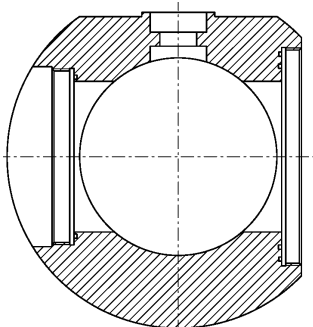
-SERVIZIO CRIOGENICO - CRYOGENIC SERVICE
-SERVICE CRYOGENIQUE
-TIEFTEMPORATUR SERVICE

16



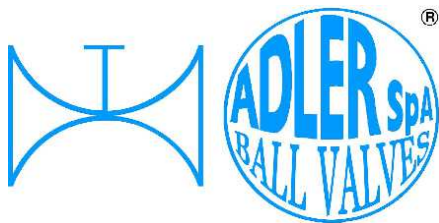
-FIRE SAFE ISO FT+ "O" RING STELO
-FIRE SAFE ISO FT+ "O" RING ON STEM
-SECURITE FEU ISO FT+ TIGE AVEC "O" RING
-FEUERSICHERE AUSFÜHRUNG ISO FT+
"O" RING IM SPINDELBEREICH

17



ADLER

UNA GAMMA COMPLETA
PRIVILEGIANDO LA QUALITA'
A COMPLETE RANGE PRIVILEGING
THE QUALITY



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 EAC CERTIFICATION by B.V.

TYPE
FT4
 PN 10 ÷ 40
 ANSI 150 ÷ 300

VITI D'ASSEMBLAGGIO PER FT4 - ASSEMBLING SCREWS FOR FT4 - VIS D'ASSEMBLAGE POUR FT4- MONTAGESCHRAUBEN FÜR FT4
 N° VITI - DIMENSIONE • N° SCREW - DIMENSIONS • N° VIS - DIMENSIONS • N° SCHRAUBEN - ABMESSUNGEN

EUROPEAN NORM

DN PN	15	20	25	32	40	50	65	80	100	125	150	200
16	12 M12 X30	12 M12 X30	12 M12 X30	12 M12 X30	12 M16 X35	12 M16 X35	12 M16 X40	12 M16 X40	24 M16 X50	24 M16 X40	24 M16 X45	24 M20 X45
25	12 M12 X30	12 M12 X35	12 M12 X35	12 M12 X35	12 M16 X40	12 M16 X35	12 M16 X40	24 M16 X45	24 M16 X50	24 M20 X50	24 M24 X55	
40	12 M12 X30	12 M12 X35	12 M12 X35	12 M12 X35	12 M16 X40	12 M16 X40	12 M16 X40	24 M16 X45	24 M16 X50	24 M20 X50	24 M24 X55	

* N° 8 per UNI 2223/2229

ANSI METRIC

(STANDARD ADLER)

Ø Rating	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"
150	12 M14 X30	12 M14 X30	12 M14 X30	12 M14 X35	12 M14 X35	12 M16 X40	12 M16 X40	12 M16 X45	24 M16 X45	24 M20 X50	24 M20 X50	
300	12 M14 X30	12 M16 X35	12 M16 X35	12 M16 X40	12 M20 X45	24 M16 X40	24 M20 X50	24 M20 X50	24 M20 X55	24 M20 X60		

ANSI B1.1 UNC

(ON REQUEST)

Ø Rating	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"
150	12 1/2 X 1 1/4	12 1/2 X 1 1/4	12 1/2 X 1 1/4	12 1/2 X 1 1/4	12 1/2 X 1 1/2	12 5/8 X 1 3/4	12 5/8 X 1 3/4	12 5/8 X 1 3/4	24 5/8 X 1 3/4	24 3/4 X 2	24 3/4 X 2	
300	12 1/2 X 1 1/4	12 5/8 X 1 1/4	12 5/8 X 1 1/2	12 5/8 X 1 1/2	12 3/4 X 1 3/4	12 5/8 X 1 3/4	24 3/4 X 2	24 3/4 X 2 1/4	24 3/4 X 2 1/4	24 3/4 X 2 1/4		

Length of screws calculated considering a gasket with thickness of 2,5 mm.

