

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.

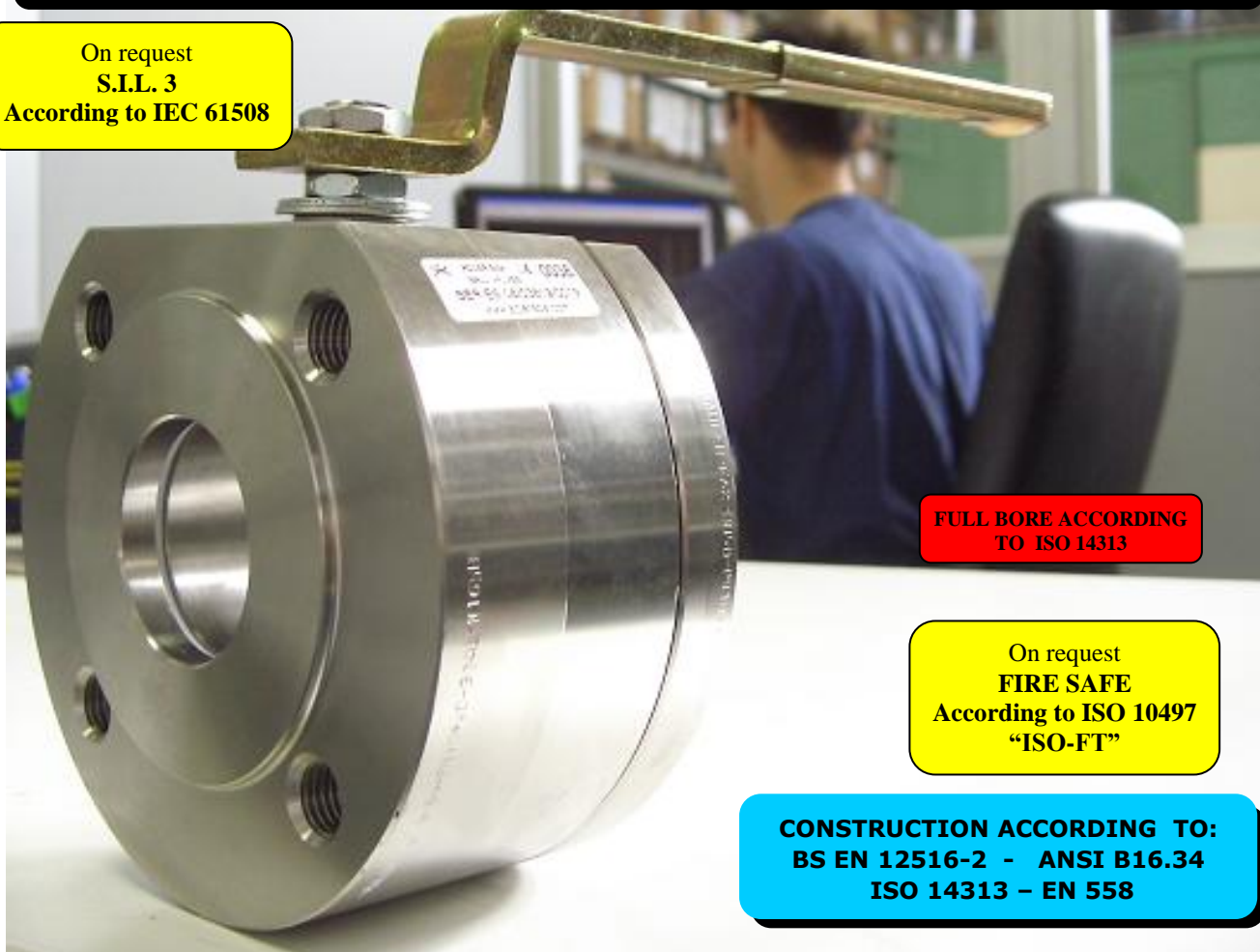
TYPE
FA2
PN 10 ÷ 40
ANSI 150 ÷ 300

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 "CORPO PIATTO" SPLIT BODY PASSAGGIO TOTALE

ISO nbr° LRC 0160281 QSM 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
S.I.L. 3
According to IEC 61508



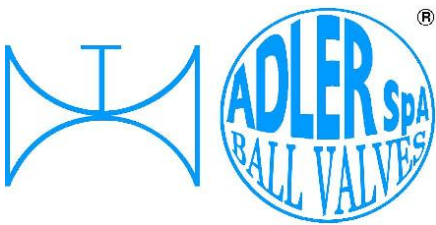
FULL BORE ACCORDING
TO ISO 14313

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

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

BALL VALVES
"WAFER TYPE" FULL BORE SPLIT BODY
ROBINETS A BOISSEAU SPHERIQUE
"WAFER" PASSAGE INTEGRAL 2 PIECES
FLANSCHKUGELHÄHNE IN "KOMPAKTBAUWEISE"
VOLLER DURCHGANG ZWEIFTEILIGES GEHÄUSE

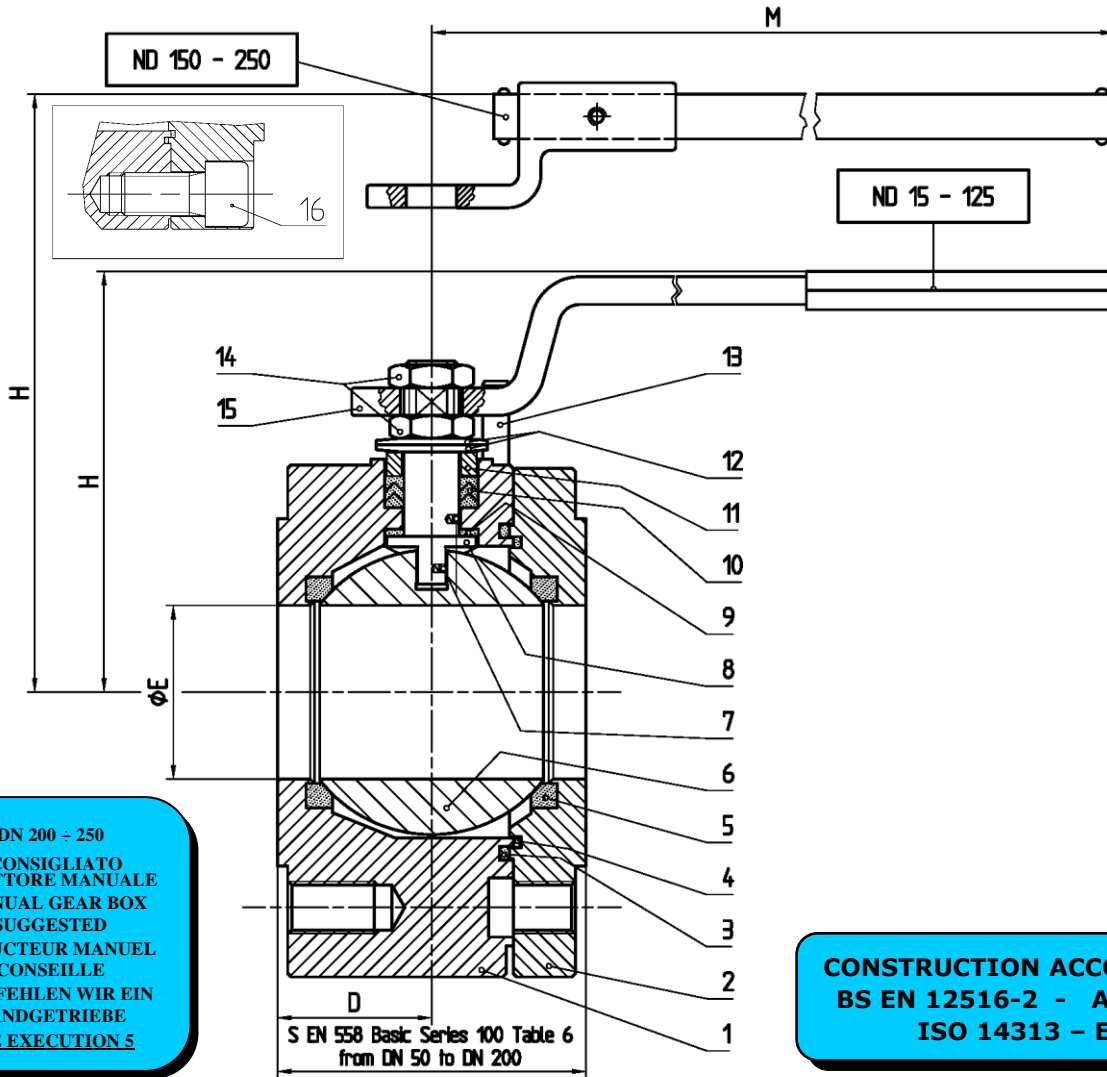
WEB SITE: WWW.ADLERSPA.COM



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.

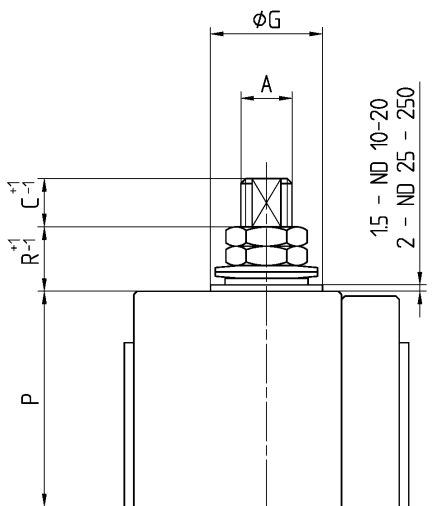
TYPE
FA2
 PN 10 ÷ 40
 ANSI 150 ÷ 300

VALVOLA A SFERA "CORPO PIATTO" SPLIT BODY PASSAGGIO TOTALE
BALL VALVES "WAFER TYPE" SPLIT BODY FULL BORE
ROBINETS A BOISSEAU SPHERIQUE "WAFER" PASSAGE INTEGRAL 2 PIECES
FLANSCHKUGELHÄHNE IN "KOMPAKTBAUWEISE" VOLLER DURCHGANG ZWEITEILIGES GEHÄUSE

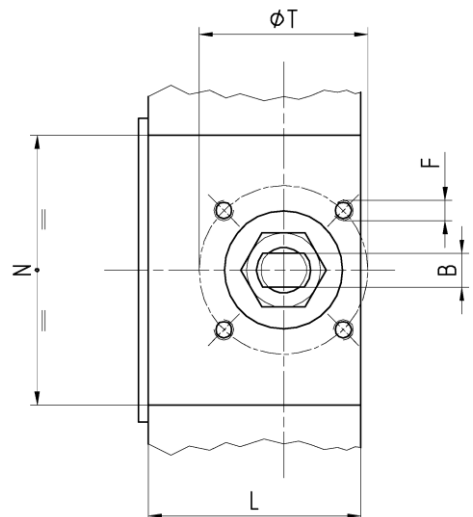


DN 200 ÷ 250
 -CONSIGLIATO
 RIDUTTORE MANUALE
 -MANUAL GEAR BOX
 SUGGESTED
 -REDUCTEUR MANUEL
 CONSEILLE
 -EMPFEHLEN WIR EIN
 HANDGETRIEBE
 SEE EXECUTION 5

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



• ACCOPIAMENTO VALVOLA
 ATTUATORE
 • CONNECTION VALVE
 ACTUATOR
 • ACCOUPLEMENT ROBINET-
 ACTIONNEUR
 • ZUSAMMENBAU KUGELHÄHN
 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
2	LATERALE END LATERAL GEGENGEHÄUSE	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. (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 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	UNI 3740 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 - GALVANIZED ZINGUE - VERZINKT ON REQUEST
16	VITE SCREW VIST 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
A	10	10	12	12	16	16	22	22	30	30	42	48	56
B	6	6	8	8	10	10	14	14	18	18	28	32	36
C	7	7	10	10	10	10	12	12	17	18	19	20	20
D	17,5	17,5	21,5	25,5	32	S/2	S/2	S/2	S/2	S/2	S/2	S/2	S/2
E	15	19	25	30	38	51	64	76	101	118	152	203	254
F	M5	M5	M5	M5	M6	M6	M8	M8	M8	M10	M12	M16	M20
ISO	F03	F03	F03	F03	F05	F05	F07	F07	F07	F10	F12	F14	F16
G	25	25	25	25	35	35	55	55	55	70	85	100	130
H	66	68	85	91	110	120	144	152	174	188	256	294	343
L	33	33	36,5	41	52	62	79	88	105	133	150	228	257
M	145	145	185	185	280	280	370	370	470	650	750	900	1000
N	69	78	81	105	81	102	85	80	86	112	110	95	150
P	32,5	35	41	46,5	63	65	82	90,5	99,5	114	144	182	225,5
R	8	8	17	17	13	21	24	24	27	26	34	37	40
P			42,5		63	74,5	87	95	108	122,5	125	183	234
R			17		13	11	19	19	16	16	14	36	31
S	53	53	57	65	79	84	103	120	154	182	234	310	314*
T	36	36	36	36	50	50	70	70	70	102	125	140	165
~Kg	2,3	2,9	3,9	6,1	9,1	11,5	18	23,5	35	51	90	121	180

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

PN 40

PN 10 ÷ 40 - ANSI 150

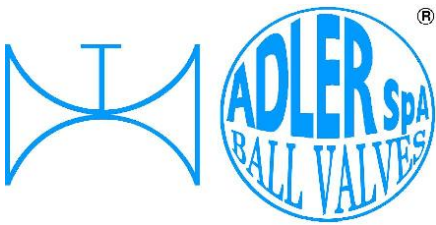
ANSI 300

DN 15 ÷ 40 OPTIONAL

*Per PN 40 S = 340



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>



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
FA2
 PN 10 ÷ 40
 ANSI 150 ÷ 300

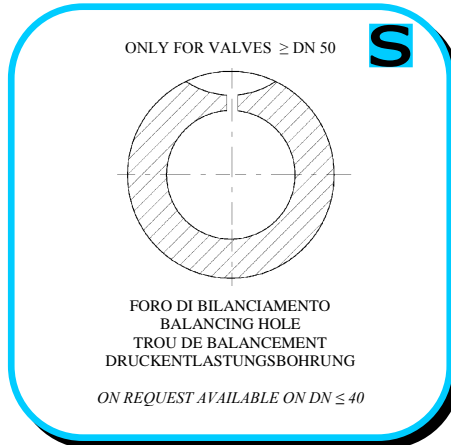
VALVOLA A SFERA "CORPO PIATTO" PASSAGGIO TOTALE
 BALL VALVES "WAFER TYPE" FULL BORE

ROBINETS A BOISSEAU SPHERIQUE "WAFER" PASSAGE INTEGRAL
 FLANSCHKUGELHÄHNE IN "KOMPAKTBAUWEISE" VOLLER DURCHGANG

• ESECUZIONI • EXECUTIONS • EXECUTIONS • AUSFÜHRUNGEN



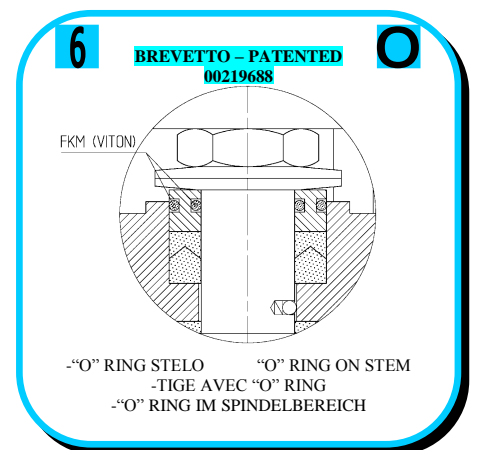
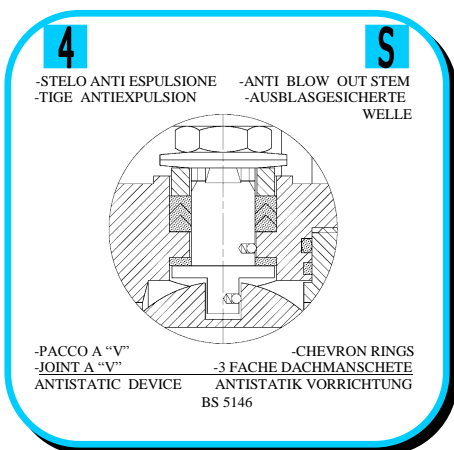
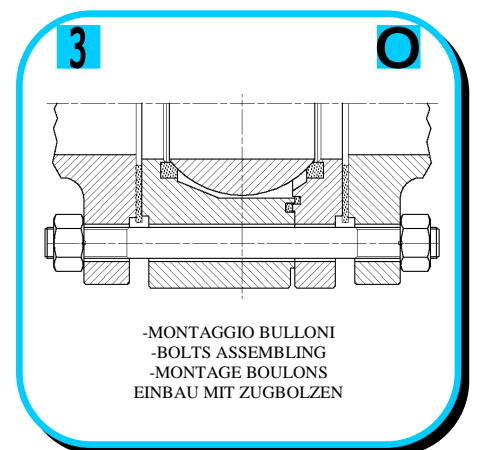
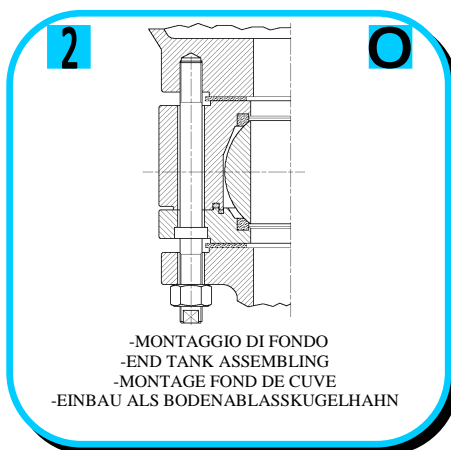
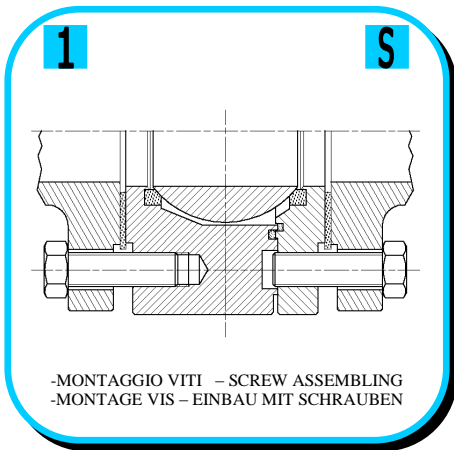
EXECUTION 4 - 12

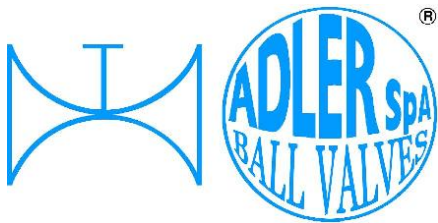


EXECUTION 6 - 16

S STANDARD

O OPTIONAL





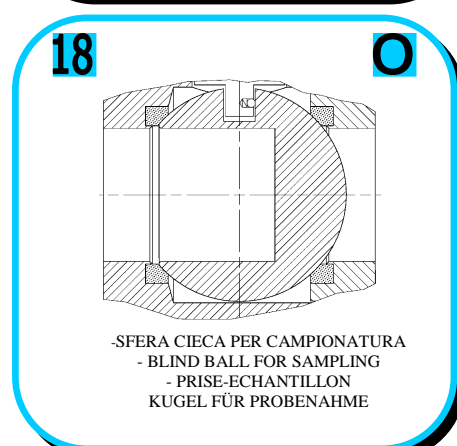
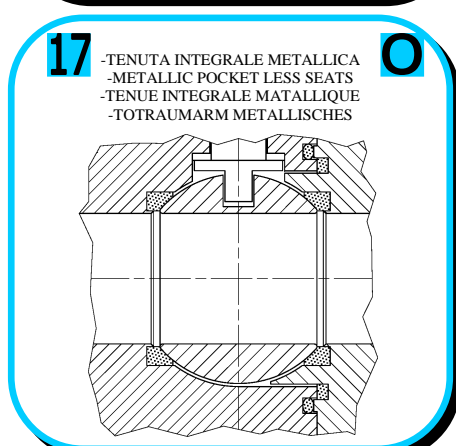
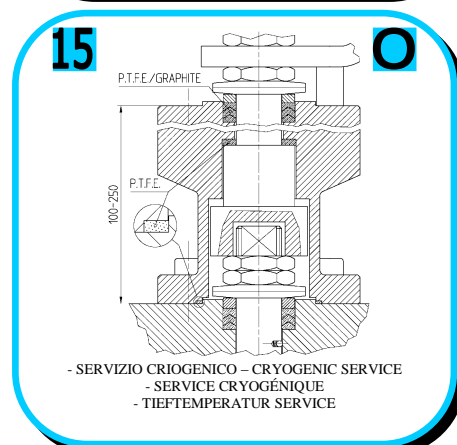
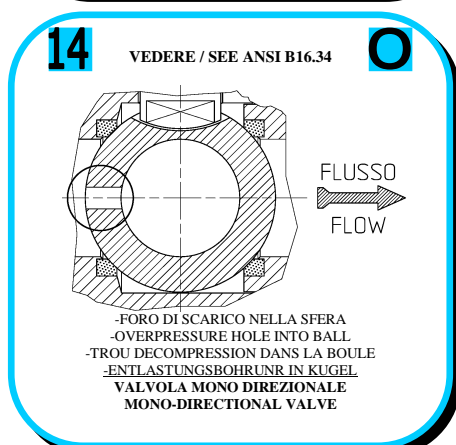
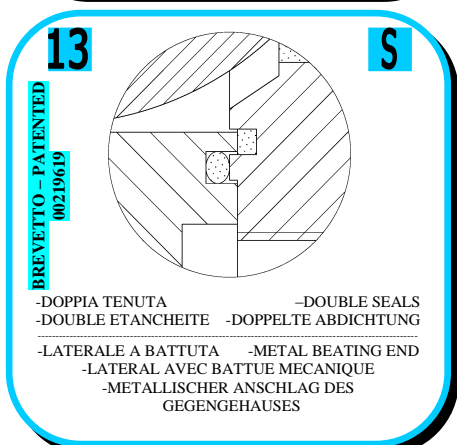
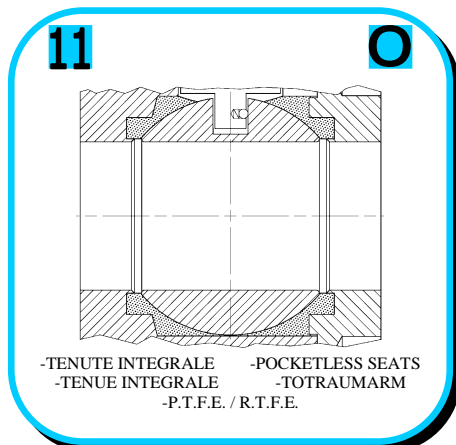
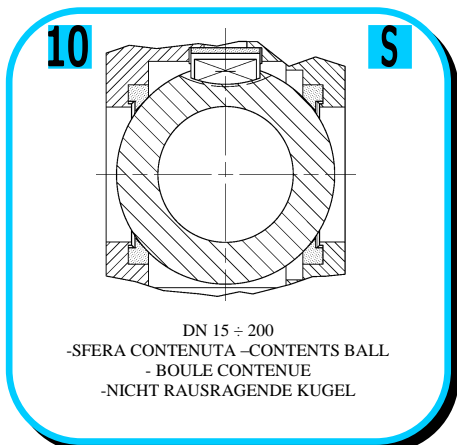
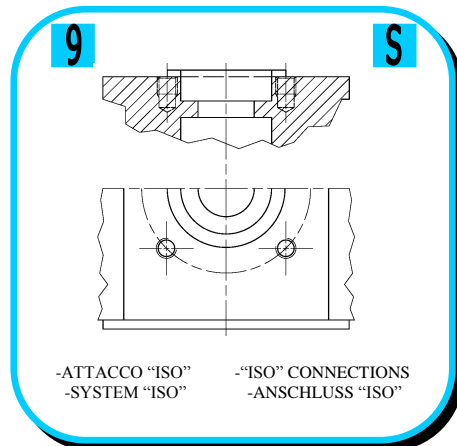
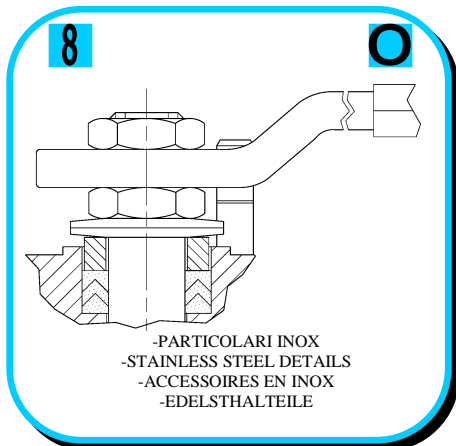
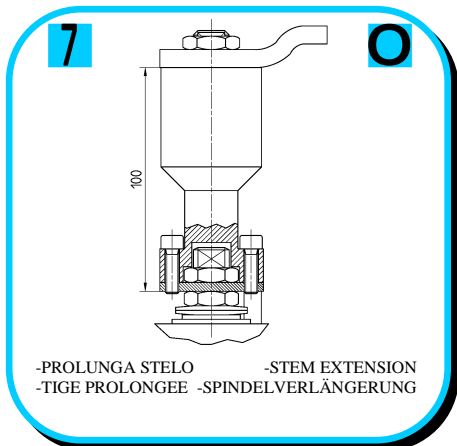
ISO 9001:2008 by L.R.
 PED DIR. 97/23/EC by L.R.
 ATEX DIR. 94/9/EC by B.V.
 FIRE SAFE EXECUTION by L.R.
 ISO 15848 by TÜV
 ANTISTATIC DEVICE by L.R.
 FIRE SAFE TESTED ISO 10497 by L.R.

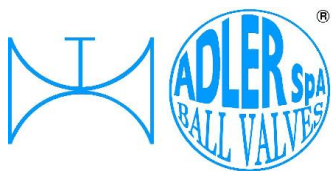
TYPE
FA2
 PN 10 ÷ 40
 ANSI 150 ÷ 300

VALVOLA A SFERA "CORPO PIATTO" PASSAGGIO TOTALE
 BALL VALVES "WAFER TYPE" FULL BORE

ROBINETS A BOISSEAU SPHERIQUE "WAFER" PASSAGE INTEGRAL
 FLANSCHKUGELHÄHNE IN "KOMPAKTBAUWEISE" VOLLER DURCHGANG

• ESECUZIONI • EXECUTIONS • EXECUTIONS • AUSFÜHRUNGEN





**VITI D'ASSEMBLAGGIO PER FA2
ASSEMBLING SCREWS FOR FA2
VIS D'ASSEMBLAGE POUR FA2
MONTAGESCHRAUBEN FÜR FA2**

**TABLE
07**

N° VITI – DIMENSIONE • N° SCREW – DIMENSIONS • N° VIS- DIMENSIONS • N° SCHRAUBEN-ABMESSUNGEN

EUROPEAN NORM

DN PN	10-15		20		25		32		40		50		65		80		100		125		150		200		250			
10	8	M12 X30	8	M12 X30	8	M12 X30	8	M16 X35	8	M16 X35	8	M16 X40	8	M16 X40	* 16	M16 X40	16	M16 X40	16	M16 X45	16	M20 X45	16	M20 X50				
16	8	M12 X30	8	M12 X30	8	M12 X30	8	M16 X35	8	M16 X35	8	M16 X40	8	M16 X40	16	M16 X40	16	M16 X40	16	M16 X45	16	M20 X45	24	M20 X50				
25	8	M12 X30	8	M12 X35	8	M12 X35	8	M16 X40	8	M16 X40	8	M16 X40	16	M16 X45	16	M16 X45	16	M20 X50	16	M24 X55	16	M24 X55	24	M24 X60				
40	8	M12 X30	8	M12 X35	8	M12 X35	8	M16 X40	8	M16 X40	8	M16 X40	16	M16 X45	16	M16 X45	16	M20 X50	16	M24 X55	16	M24 X55	24	M27 X65				

* N° 8 per UNI 2223/2229

ANSI METRIC

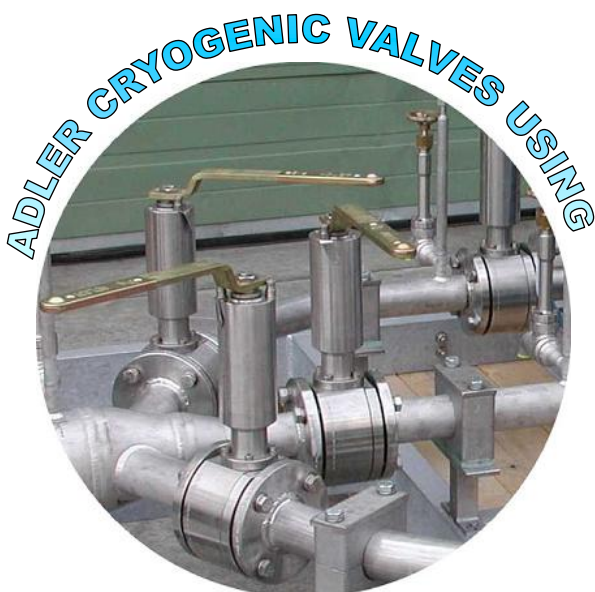
(STANDARD ADLER)

Ø Rating	1/2"		3/4"		1"		1 1/4"		1 1/2"		2"		2 1/2"		3"		4"		5"		6"		8"		10"			
150	8	M14 X30	8	M14 X30	8	M14 X30	8	M14 X45	8	M14 X35	8	M16 X40	8	M16 X40	8	M16 X45	16	M16 X45	16	M20 X50	16	M20 X50	16	M20 X50				
300	8	M14 X30	8	M16 X30	8	M16 X35	8	M16 X40	8	M20 X45	16	M16 X40	16	M20 X50	16	M20 X50	16	M20 X55	16	M20 X60	24	M20 X60	24	M24 X70				

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"		10"			
150	8	1/2 X 1 1/4	8	1/2 X 1 1/4	8	1/2 X 1 1/4	8	1/2 X 1 1/4	8	1/2 X 1 1/2	8	5/8 X 1 1/2	8	5/8 X 1 3/4	8	5/8 X 1 3/4	16	5/8 X 1 3/4	16	3/4 X 2	16	3/4 X 2	16	3/4 X 2				
300	8	1/2 X 1 1/4	8	5/8 X 1 1/4	8	5/8 X 1 1/2	8	5/8 X 1 1/2	8	3/4 X 1 3/4	16	5/8 X 1 3/4	16	3/4 X 2	16	3/4 X 2	16	3/4 X 2 1/4	16	3/4 X 2 1/4	24	3/4 X 2 1/4	24	7/8 X 2 3/4				



Tab-07/12 RIPRODUZIONE VIETATA - COPYRIGHT

FAZ/15 RIPRODUZIONE VIETATA - COPYRIGHT



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>