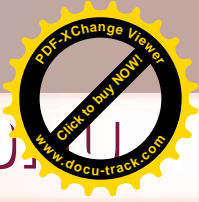
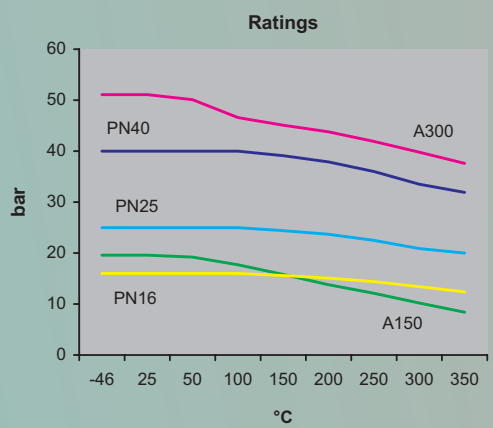
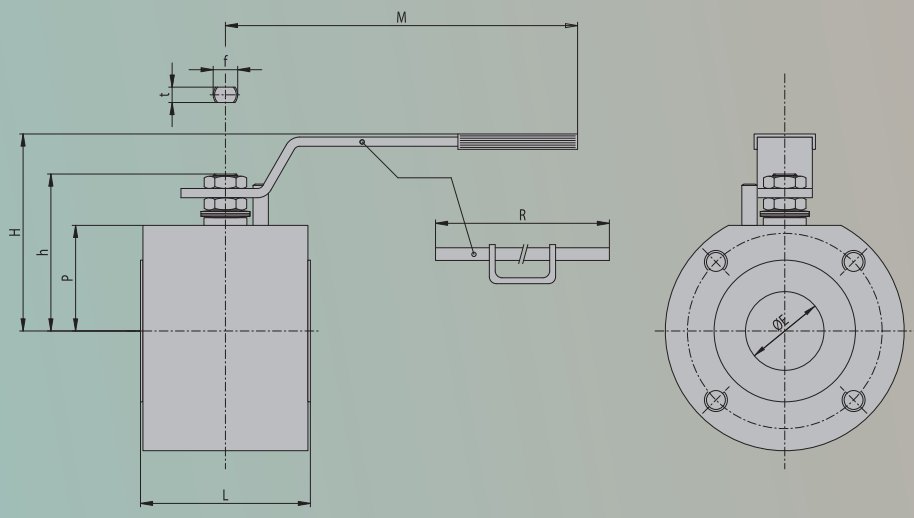
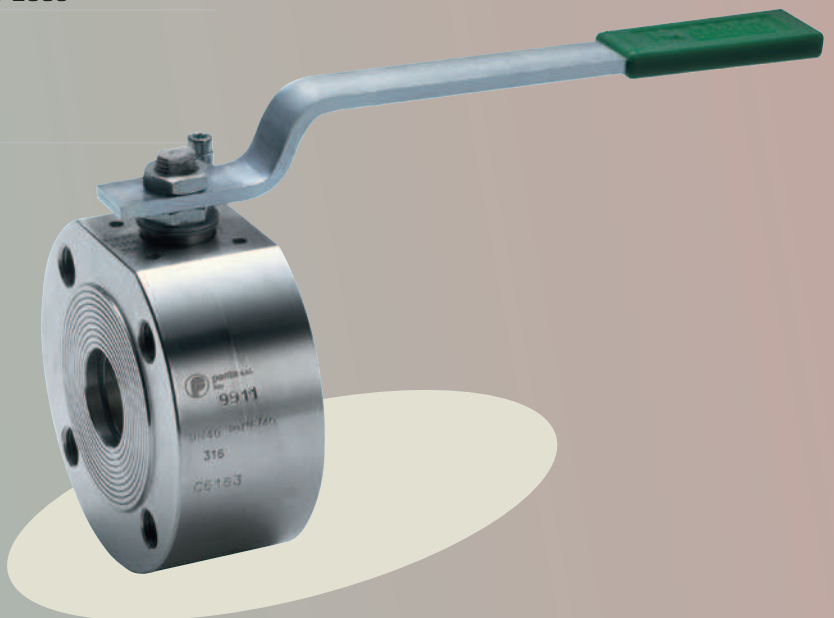


AP10111



UNI-DIREZIONALE

Dimensionamento <i>Design</i>	ANSI B16.34 / EN 12569 / API 608 / EN 17292 ASME VIII DIV.1 / EN 12516-1
Estremità flangiate <i>Flanged ends</i>	ANSI B16.5 Cl.150 / 300 EN 1092-1 PN 10/16/25/40 DIN 2632 / 2633 / 2634 / 2635
Collaudo <i>Testing</i>	ANSI B16.104 API 598 EN 12266-I ISO 5208 BS 6755-I

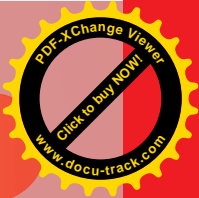


Dimensioni - outline dimensions

DN	15	20	25	32	40	50	65	80	100	150
Ø"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"
ØE	14	19	24	29	38	48	64	76	95	152
L	36	39	43	51	63	83	120	120	152	243/255*
M	145	145	180	180	275	275	380	380	440	— ⁽¹⁾
R	—	—	—	—	—	—	—	—	500	800
H	64	66	85	90	118	126	139	144	200	265
h	52	55	70	73	96	101	122	128	157	220
P	33	36	43	48	63	68.5	82	88.5	111	145
F/t	10/6	10/6	12/8	12/8	16/10	16/10	22/14	22/14	30/18	45/30
Kg	1.5	2	2.7	4	6.5	9	16	20.5	42	80
ISO5211	F03	F03	F03	F03	F05	F05	F07	F07	F10	F14

* PN25-40/ANSI 300 RF

⁽¹⁾ È raccomandato riduttore manuale - *Manual gear recommended*



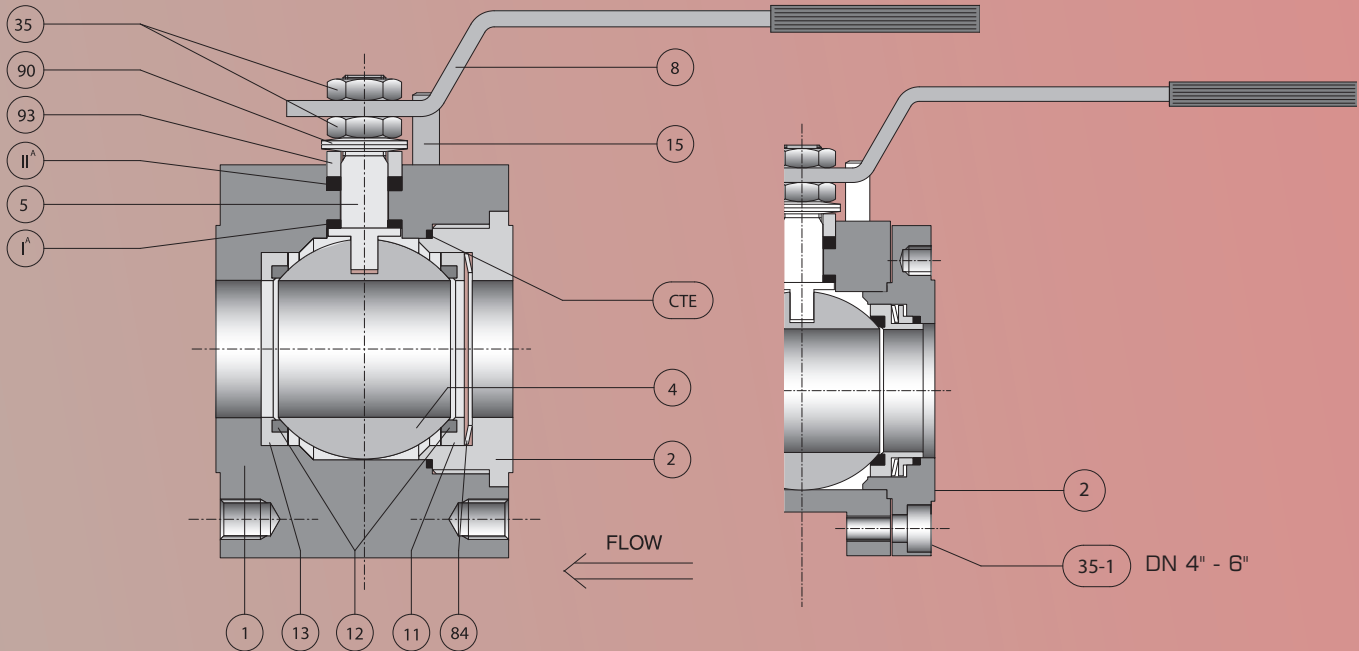
VALVOLA A SFERA FLOTTANTE A SEGGI METALLICI

METAL SEATED FLOATING BALL VALVES

UNI-DIRECTIONAL

-46 °C +400 °C

AP



TA-LUFT
APPROVED
(CON PROLUNGA 100 MM)
C/W 100 MM STEM ELONGATION

CE
97/23/CE "PED"
CAT III

II 2 GD c T6 X
94/9/CE "ATEX"

Materiali base - base materials

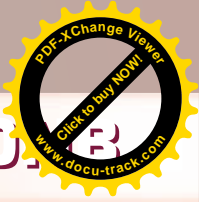
CTE	Guarn. Corpo/Terminale	Body connector gasket	Grafoil	Grafoil	Grafoil
II ^A	Guarnizione Secondaria	Secondary Stem seal	Grafoil	Grafoil	Grafoil
I ^A	Guarnizione Primaria	Primary stem seal	Grafoil	Grafoil	Grafoil
93	Premi Baderna	Gland	304SS	304SS	304SS
90	Molle Stelo	Stem spring	UNS S30100	UNS S30100	UNS S30100
84	Molle Seggio	Seat spring	UNS S30100	UNS S30100	UNS S30100
80	Leva	Handle	Fe37 UNI 7070	Fe37 UNI 7070	Fe37 UNI 7070
35-1	Bulloneria Corpo/Terminale	Body/Connector Bolts	304 S.S.	304 S.S.	304 S.S.
35	Dadi Stelo	Nut	304 S.S.	304 S.S.	304 S.S.
15	Fermo Leva	Lever stopper	UNI 3740 Gr. 8.8	UNI 3740 Gr. 8.8	UNI 3740 Gr. 8.8
13	Cassetto Corpo	Body seat holder	A479 Tp.316	A479 Tp.316	A479 Tp.316
12	Seggio	Seat	PENTAFITE ST6 WC/CRC	PENTAFITE ST6 WC/CRC	PENTAFITE ST6 WC/CRC
11	Cassetto Terminale	Connector seat holder	A479 Tp.316	A479 Tp.316	A479 Tp.316.
5	Stelo	Stem	13% Cr. A564 Tp.630	A564 Tp.630 (17/4PH)	A564 Tp.630 (17/4PH)
-	Riporto Sfera	Ball coating	HTC/HCR ST6 WC/CRC	HTC/HCR ST6 WC/CRC	HTC/HCR ST6 WC/CRC
4	Sfera	Ball	316 S.S.	Tp.316 S.S.	316 S.S.
2	Terminale	Connector	A105	A479 Tp.304	A479 Tp.316/A351 CF8M
1	Corpo	Body	A105/A216 WCB	A479 Tp.304/A351 CF8	A479 Tp.316/A351 CF8M

P. No. Parte - Part Name

Materiale - Material

Altri materiali disponibili su richiesta - Other materials are available on request

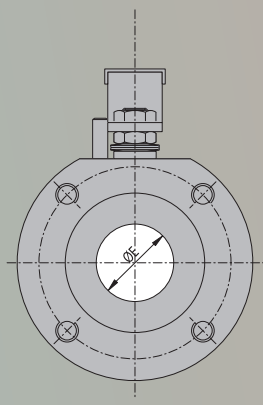
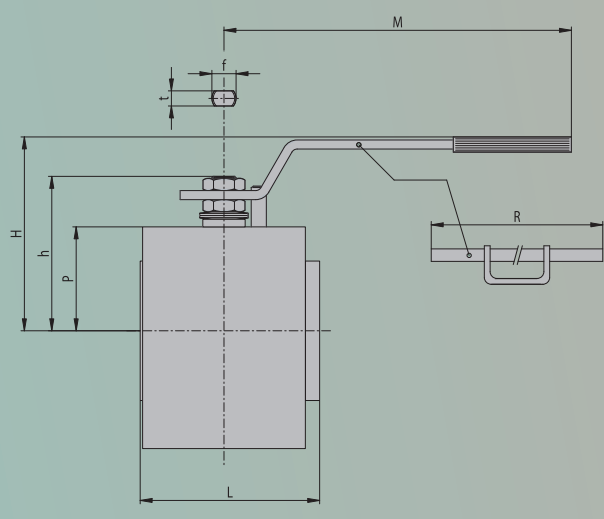
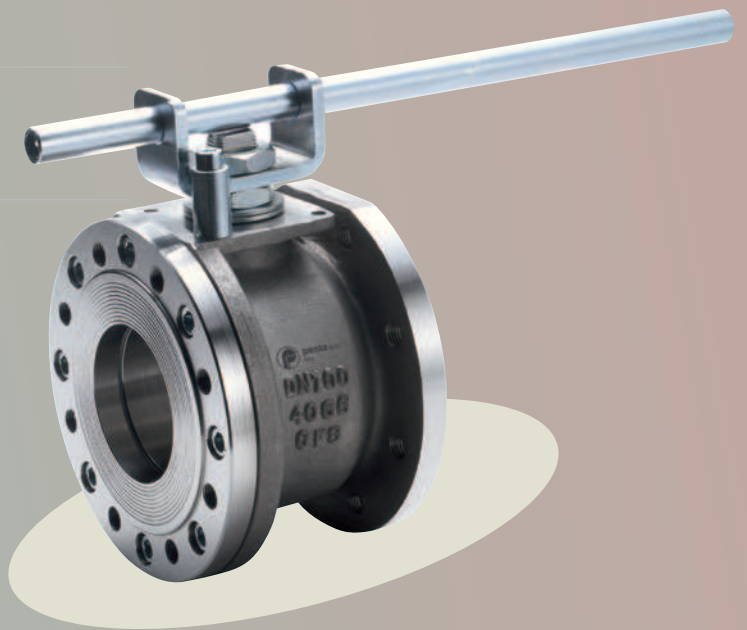
HTC = Nitruri di Titanio [Titanium Nitrides]; HCR = Nitruri di Cromo [Chrome Nitrides]; ST6 = Stellite 6 Detonation Gun/HVOF
WC = Carburi di Tungsteno [Tungsten Carbides Detonation Gun/HVOF]; CRC = Carburi di Cromo [Chrome Carbides Detonation Gun/HVOF]



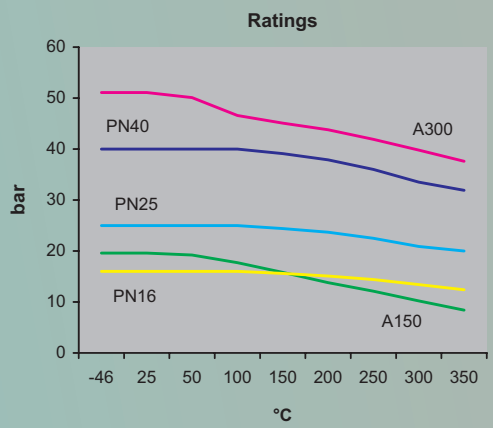
AP1013

BI-DIREZIONALE

Dimensionamento <i>Design</i>	ANSI B16.34 / EN 12569 / API 608 / EN 17292 ASME VIII DIV.1 / EN 12516-1
Estremità flangiate <i>Flanged ends</i>	ANSI B16.5 Cl.150 / 300 EN 1092-1 PN 10/16/25/40 DIN 2632 / 2633 / 2634 / 2635
Collaudo <i>Testing</i>	ANSI B16.104 API 598 EN 12266-I ISO 5208 BS 6755-1



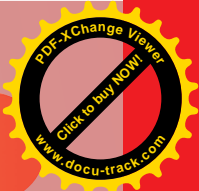
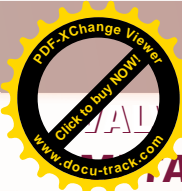
Dimensioni - outline dimensions



DN	15	20	25	32	40	50	65	80	100	150
Ø"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"
ØE	14	19	24	29	38	48	64	76	95	152
L	45	50	56	60	75	91	120	127	152	243/255*
M	145	145	180	180	275	275	380	380	440	— ⁽¹⁾
R	—	—	—	—	—	—	—	—	500	800
H	64	66	85	90	118	126	139	144	200	265
h	52	55	70	73	96	101	122	128	157	220
P	33	36	43	48	63	68.5	82	88.5	111	145
F/t	10/6	10/6	12/8	12/8	16/10	16/10	22/14	22/14	30/18	45/30
Kg	1.5	2	2.7	4	6.5	9	16	20.5	42	80
ISO5211	F03	F03	F03	F03	F05	F05	F07	F07	F10	F14

* PN25-40/ANSI 300 RF

⁽¹⁾ È raccomandato riduttore manuale - Manual gear recommended



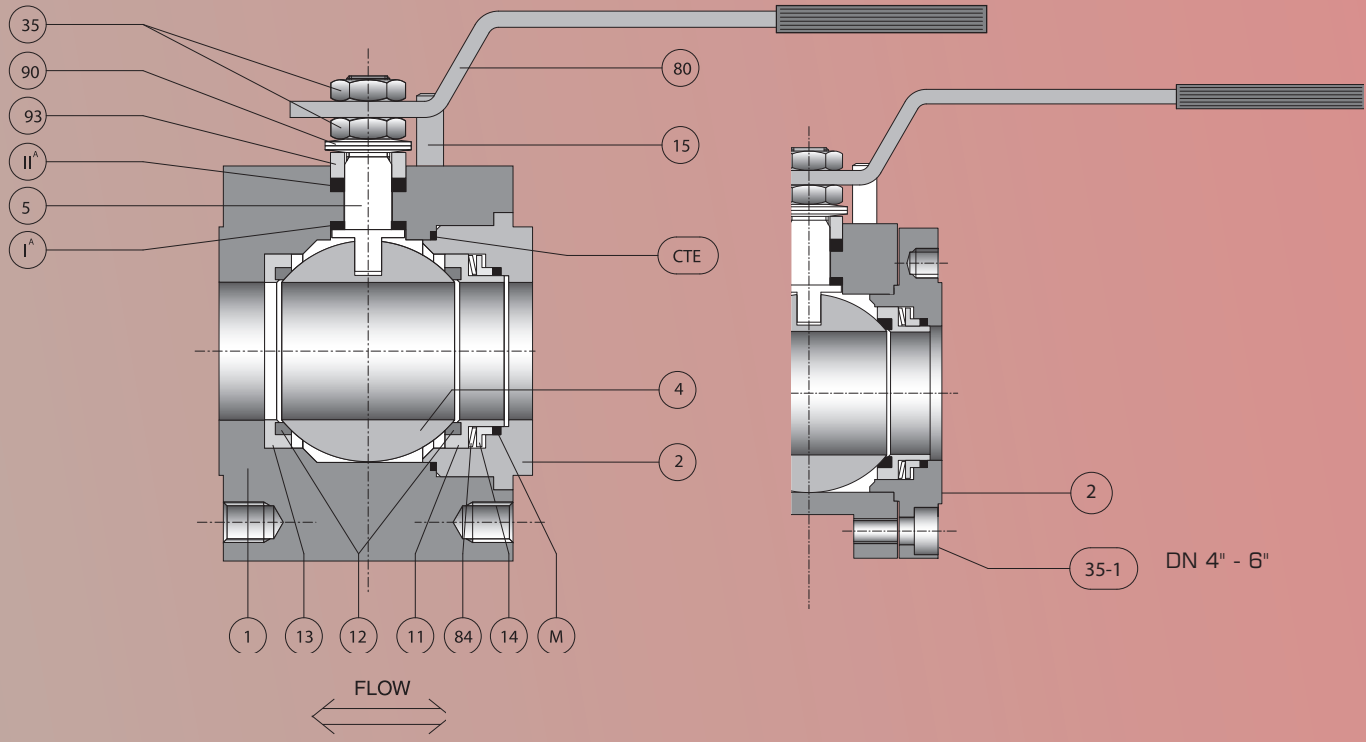
VALVOLA A SFERA FLOTTANTE A SEGGI METALLICI

METAL SEATED FLOATING BALL VALVES

BI-DIRECTIONAL

-46 °C +400 °C

AP



TA-LUFT
APPROVED
(CON PROLUNGA 100 MM)
C/W 100 MM STEM ELONGATION

CE
97/23/CE "PED"
CAT III

II 2 GD c T6 X
94/9/CE "ATEX"

Materiali base - base materials

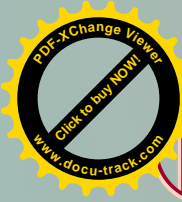
CTE	Guarn. Corpo/Terminale	Body connector gasket	Grafoil	Grafoil	Grafoil
M	Guarn. Retroseggio	Backseat gasket	Grafoil	Grafoil	Grafoil
II ^A	Guarnizione Secondaria	Secondary Stem seal	Grafoil	Grafoil	Grafoil
I ^A	Guarnizione Primaria	Primary stem seal	Grafoil	Grafoil	Grafoil
93	Premi Baderna	Gland	304SS	304SS	304SS
90	Molle Stelo	Stem spring	UNS S30100	UNS S30100	UNS S30100
84	Molle Seggio	Seat spring	UNS S30100	UNS S30100	UNS S30100
80	Leva	Handle	Fe37 UNI 7070	Fe37 UNI 7070	Fe37 UNI 7070
35-1	Bulloneria Corpo/Terminale	Body/Connector Bolts	304 S.S.	304 S.S.	304 S.S.
35	Dadi Stelo	Nut	304 S.S.	304 S.S.	304 S.S.
15	Fermo Leva	Lever stopper	UNI 3740 Gr. 8.8	UNI 3740 Gr. 8.8	UNI 3740 Gr. 8.8
14	Premigrafoil	Compression ring	A479 Tp.316	A479 Tp.316	A479 Tp.316
13	Cassetto Corpo	Body seat holder	A479 Tp.316	A479 Tp.316	A479 Tp.316
12	Seggio	Seat	PENTAFITE ST6 WC/CRC	PENTAFITE ST6 WC/CRC	PENTAFITE ST6 WC/CRC
11	Cassetto Terminale	Connector seat holder	A479 Tp.316	A479 Tp.316	A479 Tp.316.
5	Stelo	Stem	13% Cr. A564 Tp.630 (17/4PH)	A564 Tp.630 (17/4PH)	A564 Tp.630 (17/4PH)
-	Riporto Sfera	Ball coating	HTC/HCR ST6 WC/CRC	HTC/HCR ST6 WC/CRC	HTC/HCR ST6 WC/CRC
4	Sfera	Ball	316 S.S.	316 S.S.	316 S.S.
2	Terminale	Connector	A105	A479 Tp.304	A479 Tp.316/A351 CF8M
1	Corpo	Body	A105/A216 WCB	A479 Tp.304/A351 CF8	A479 Tp.316/A351 CF8M

P. No. Parte - Part Name

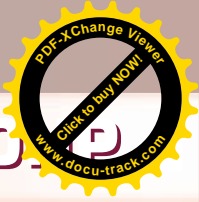
Materiale - Material

Altri materiali disponibili su richiesta - Other materials are available on request

HTC = Nitruri di Titanio (Titanium Nitrides); HCR = Nitruri di Cromo (Chrome Nitrides); ST6 = Stellite 6 Detonation Gun/HVOF
WC = Carburi di Tungsteno (Tungsten Carbides Detonation Gun/HVOF); CRC = Carburi di Cromo (Chrome Carbides Detonation Gun/HVOF)

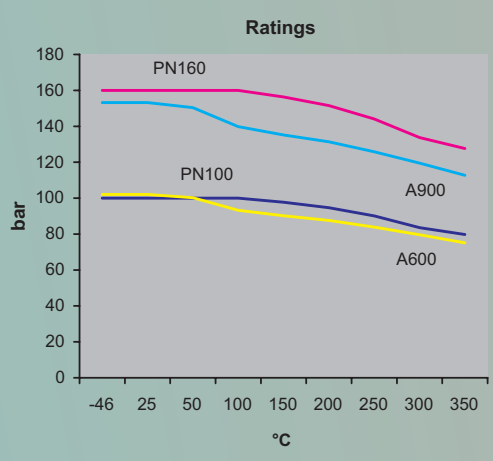
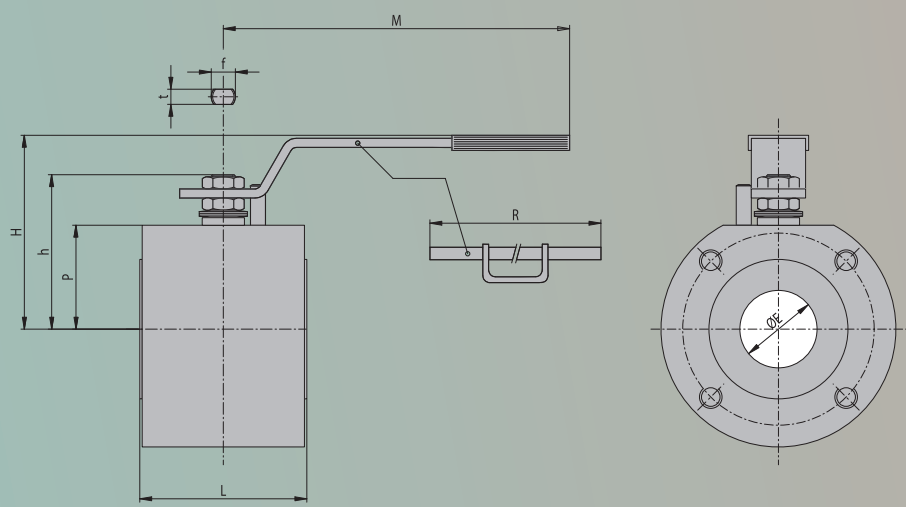
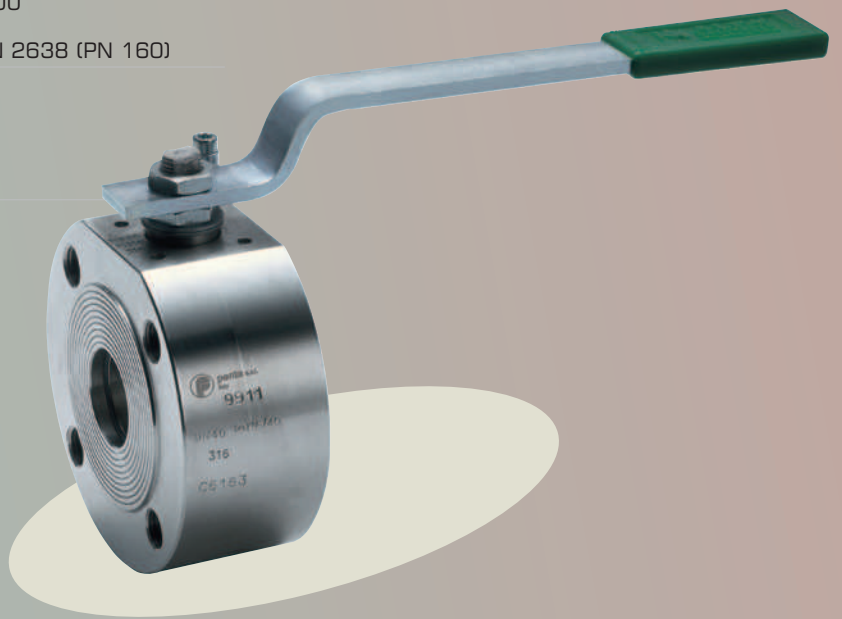


AP100



BI-DIREZIONALI

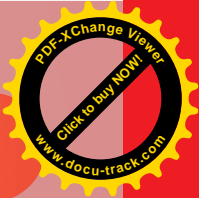
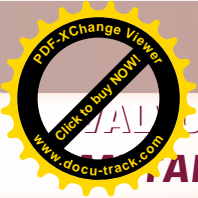
Dimensionamento <i>Design</i>	ANSI B16.34 / EN 12569 / API 608 / EN 17292 ASME VIII DIV.1 / EN 12516-1
Estremità flangiate <i>Flanged ends</i>	ANSI B16.5 CL.600 / 900 EN 1092-1 PN 100 DIN 2637 (PN 100) / DIN 2638 (PN 160)
Collaudo <i>Testing</i>	ANSI B16.104 API 598 EN 12266-I ISO 5208 BS 6755-I



Dimensioni - outline dimensions

DN	15	20	25	32	40	50	65	80
Ø"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"
ØE	14	19	24	29	38	48	64	76
L	55	60/75*	65/74*	75	85/100*	100	125	150
M	145	145	275	275	380	380	440	440
R	—	—	—	—	—	—	500	500
H	65	68	105	115	127	135	160	180
h	53	55/70*	15	73	105	110	122	142
P	33	36/46*	51	53	65	15	93	98
F/t	10/6	10/6	16/10	16/10	22/14	22/14	30/18	30/18
Kg	2.5	3.5	4.8	6.5	10	13.5	25	40
ISO5211	F03	F03	F05	F05	F07	F07	F10	F10

* PN 160/900RF



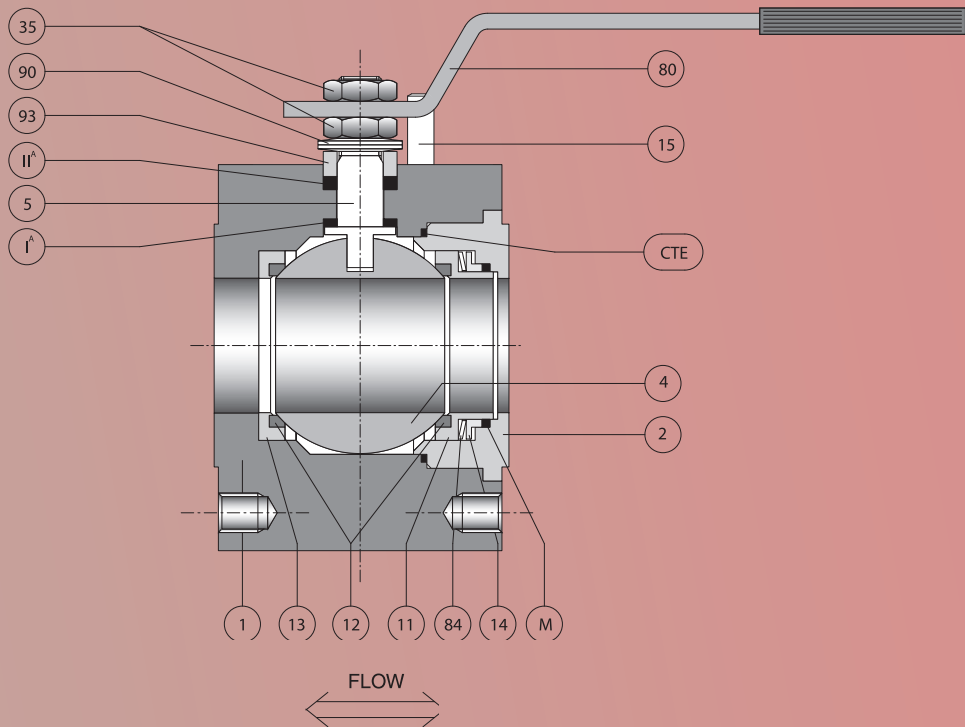
VALVOLA A SFERA FLOTTANTE A SEGGI METALLICI

METAL SEATED FLOATING BALL VALVES

BI-DIRECTIONAL

-46 °C +400 °C

AP



TA-LUFT
APPROVED
(CON PROLUNGA 100 MM)
C/W 100 MM STEM ELONGATION

CE
97/23/CE "PED"
CAT III

II 2 GD c T6 X
94/9/CE "ATEX"

Materiali base - base materials

CTE	Guarn. Corpo/Terminale	Body connector gasket	Grafoil	Grafoil	Grafoil
M	Guarn. Retroseggio	Backseat gasket	Grafoil	Grafoil	Grafoil
II ^A	Guarnizione Secondaria	Secondary Stem seal	Grafoil	Grafoil	Grafoil
I ^A	Guarnizione Primaria	Primary stem seal	Grafoil	Grafoil	Grafoil
93	Premi Baderna	Gland	304 S.S.	304 S.S.	304 S.S.
90	Molle Stelo	Stem spring	UNS S30100	UNS S30100	UNS S30100
84	Molle Seggio	Seat spring	UNS S30100	UNS S30100	UNS S30100
80	Leva	Handle	Fe37 UNI 7070	Fe37 UNI 7070	Fe37 UNI 7070
35	Dadi Stelo	Nut	304 S.S.	304 S.S.	304 S.S.
15	Fermo Leva	Lever stopper	UNI 3740 Gr. 8.8	UNI 3740 Gr. 8.8	UNI 3740 Gr. 8.8
14	Premigrafoil	Compression ring	A479 Tp.316	A479 Tp.316	A479 Tp.316
13	Cassetto Corpo	Body seat holder	A479 Tp.316	A479 Tp.316	A479 Tp.316
12	Seggio	Seat	PENTAFITE ST6 WC/CRC	PENTAFITE ST6 WC/CRC	PENTAFITE ST6 WC/CRC
11	Cassetto Terminale	Connector seat holder	A479 Tp.316	A479 Tp.316	A479 Tp.316.
5	Stelo	Stem	13%Cr; A564 Tp.630	A564 Tp.630 (17/4PH)	A564 Tp.630 (17/4PH)
-	Riporto Sfera	Ball coating	HTC/HCR ST6 WC/CRC	HTC/HCR ST6 WC/CRC	HTC/HCR ST6 WC/CRC
4	Sfera	Ball	316 S.S.	316 S.S.	316 S.S.
2	Terminale	Connector	A105	A479 Tp.304	A479 Tp.316/A351 CF8M
1	Corpo	Body	A105/A216 WCB	A479 Tp.304/A351 CF8	A479 Tp.316/A351 CF8M

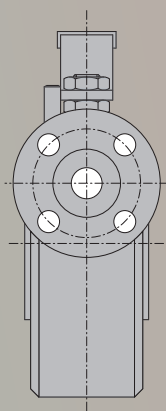
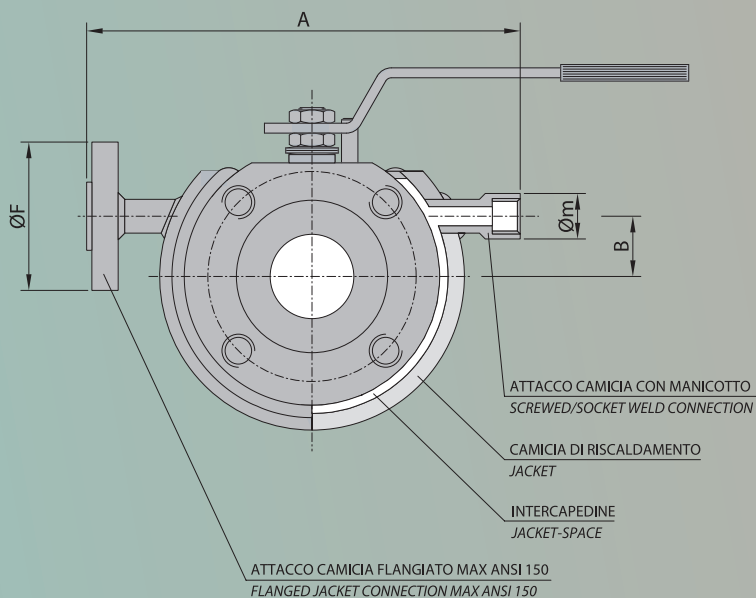
P. No. Parte - Part Name

Materiale - Material

Altri materiali disponibili su richiesta - Other materials are available on request

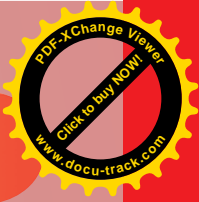
HTC = Nitruri di Titanio (Titanium Nitrides); HCR = Nitruri di Cromo (Chrome Nitrides); ST6 = Stellite 6 Detonation Gun/HVOF
WC = Carburi di Tungsteno (Tungsten Carbides Detonation Gun/HVOF); CRC = Carburi di Cromo (Chrome Carbides Detonation Gun/HVOF)

Dimensionamenti - valvola <i>Design - valve</i>	ANSI B16.34 / EN 12569 / API 608 / EN 17292 ASME VIII DIV.1 / EN 12516-1
Dimensionamenti - camicia <i>Design - jacket</i>	ASME VIII DIV.1
Estremità flangiate <i>Flanged ends</i>	ANSI B16.5 CL. 150 / 300 / 600 EN 1092-1 PN 10/16/25/40/100
Attacchi camicia <i>Jacket connections</i>	SN / NPT CL. 150 RF PN 10/16
Collaudo <i>Testing</i>	ANSI B16.104 API 598 EN 12266-1 ISO 5208 BS 6755-1



Dimensioni - outline dimensions

DN	15	20	25	40	50	65	80	100	150
Ø"	1/2"	3/4"	1"	1 1/2"	2"	2 1/2"	3"	4"	6"
A	160	160	190	230	250	270	300	340	420
B	0	0	0	30	30	45	50	70	95
ØF	DN 15						DN 25		
Øm	Ø 1/2"						Ø 1"		
Kg	3	3.5	4.5	9	11	20	25	40	80

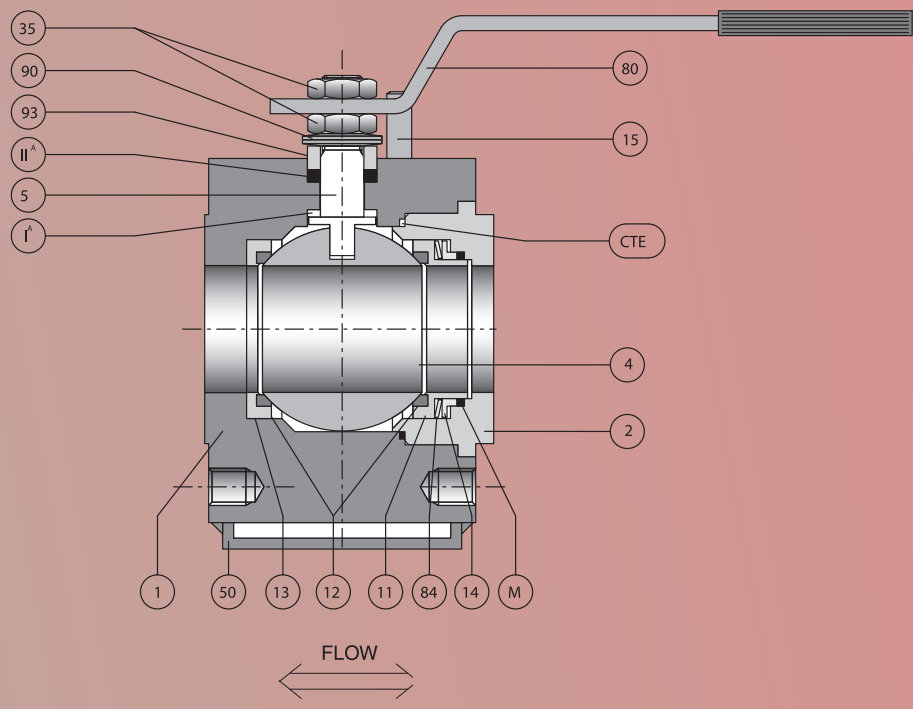


VALVOLA A SFERA FLOTTANTE A SEGGI METALLICI INCAMICIATA

METAL SEATED FLOATING BALL VALVES C/W JACKET

-46 °C +400 °C

AP



TA-LUFT
APPROVED
(CON PROLUNGA 100 MM)
C/W 100 MM STEM ELONGATION

CE
97/23/CE "PED"
CAT I

II 2 GD c T6 X
94/9/CE "ATEX"

Materiali base - base materials

CTE	Guarn. Corpo/Terminale	Body connector gasket	Grafoil	Grafoil	Grafoil
M	Guarn. Retroseggio	Backseat gasket	Grafoil	Grafoil	Grafoil
II ^A	Guarnizione Secondaria	Secondary Stem seal	Grafoil	Grafoil	Grafoil
I ^A	Guarnizione Primaria	Primary stem seal	Grafoil	Grafoil	Grafoil
93	Premi Baderna	Gland	304 S.S.	304 S.S.	304 S.S.
90	Molle Stelo	Stem spring	UNS S30100	UNS S30100	UNS S30100
84	Molle Seggio	Seat spring	UNS S30100	UNS S30100	UNS S30100
80	Leva	Handle	Fe37 UNI 7070	Fe37 UNI 7070	Fe37 UNI 7070
50	Camicia riscaldamento	Heating jacket	A105	304 S.S.	304 S.S.
35	Dadi Stelo	Nut	304 S.S.	304 S.S.	304 S.S.
15	Fermo Leva	Lever stopper	UNI 3740 Gr. 8.8	UNI 3740 Gr. 8.8	UNI 3740 Gr. 8.8
14	Premigrafoil	Compression ring	A479 Tp.316	A479 Tp.316	A479 Tp.316
13	Cassetto Corpo	Body seat holder	A479 Tp.316	A479 Tp.316	A479 Tp.316
12	Seggio	Seat	PENTAFITE ST6 WC/CRC	PENTAFITE ST6 WC/CRC	PENTAFITE ST6 WC/CRC
11	Cassetto Terminale	Connector seat holder	A479 Tp.316	A479 Tp.316	A479 Tp.316.
5	Stelo	Stem	13% Cr. A564 Tp.630 (17/4PH)	A564 Tp.630 (17/4PH)	A564 Tp.630 (17/4PH)
-	Riporto Sfera	Ball coating	HTC/HCR ST6 WC/CRC	HTC/HCR ST6 WC/CRC	HTC/HCR ST6 WC/CRC
4	Sfera	Ball	A479 Tp.316	A479 Tp.316	A479 Tp.316
2	Terminale	Connector	A105	A479 Tp.304	A479 Tp.316
1	Corpo	Body	A105	A479 Tp.304	A479 Tp.316

P. No. Parte - Part Name **Materiale - Material**

Altri materiali disponibili su richiesta - Other materials are available on request

HTC = Nitruri di Titanio (Titanium Nitrides); HCR = Nitruri di Cromo (Chrome Nitrides); ST6 = Stellite 6 Detonation Gun/HVOF
WC = Carburi di Tungsteno (Tungsten Carbides Detonation Gun/HVOF); CRC = Carburi di Cromo (Chrome Carbides Detonation Gun/HVOF)