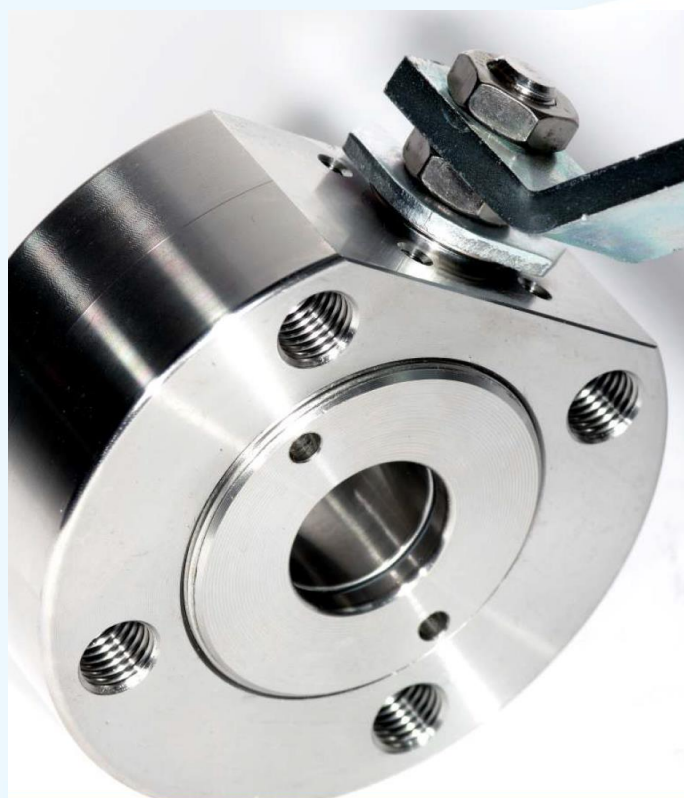


**VALVOLE A SFERA CORPO PIATTO
PN16/40 ANSI150/300**

***WAFER BALL VALVES
PN16/40 ANSI150/300 RATING***



WAFER
valves

ESECUZIONE STANDARD

Valvola a sfera flottante, a due vie, di intercettazione, passaggio totale, bidirezionale.
Progettazione in accordo a EN 12516, PED 2014/68/UE, ASME B16.34.
Flangiatura in accordo a EN 1092-1 o ANSI B16.5.
Scartamenti standard produttore.
Filettatura fori flangiatura metrica in accordo a EN 1092-1.
Fire Safe in accordo a API 6FA, API 607 e ISO 10497.
ATEX ZONE II 2GD (Directive 2014/34/UE).
SIL 3 in accordo a IEC 61508.
TA-LUFT / Fugitive Emission ISO 15848.
Top Mounting in accordo a ISO 5211, stelo anti-espulsione, dispositivo antistatico in accordo a BS 5146.
Test idraulico e pneumatico in accordo a EN 12266-1, ISO 5208, API 598, API 6D.
Classe di tenuta grado A in accordo a ISO 5208.
Finitura superficiale: per acciaio al carbonio zincatura standard produttore.

MATERIALE DEI COMPONENTI PRINCIPALI

Corpo e chiusura: acciaio al carbonio e inossidabile da barra.
Trim da barra: acciaio inossidabile AISI 316/316L.
Sedi: PTFE o RPTFE (25% carbografite).
Guarnizioni corpo e stelo: O-Ring VITON o grafite.
Leva in acciaio al carbonio zincato.
Temperature consigliate: TS -29°C fino a +150°C.

OPTIONAL

Corpo e Trim: leghe di nichel, duplex, SSD, Titanio, altri materiali su richiesta.
Temperatura: materiali e guarnizioni idonee fino a -46°C o +200°C.
NACE MR0175 – MR0103.
Guarnizioni corpo e stelo: elastomeri, perfluoroelastomeri, PTFE, pacco a "V".
Estensione stelo per coibentazione 100 mm.
Fori passanti per installazione di fondo compresi i tiranti.
Fori flangia filettati UNC su valvola ANSI.
Valvola unidirezionale con foro di equilibrio sulla sfera.
Leva inox, Gear operator, dispositivo di lucchettaggio.
Automazione: attuatori pneumatici o elettrici, fine corsa, elettrovalvole.
Camicia riscaldamento con attacchi flangiati, a saldare o filettati.
Verniciature speciali.

STANDARD FEATURES

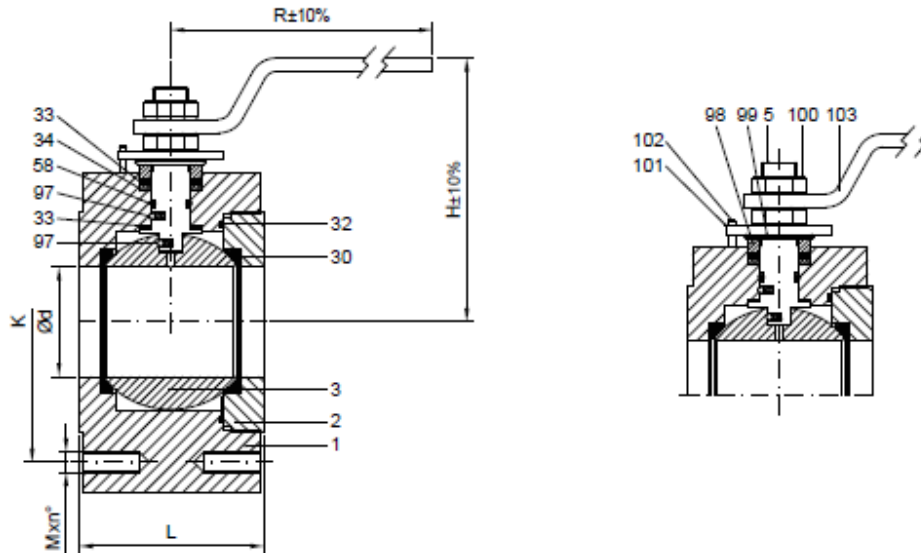
Floating, 2-way, on-off, full bore, bidirectional ball valve.
Design according to EN 12516, PED 2014/68/UE, ASME B16.34.
Flange facing according to EN 1092-1 or ANSI B16.5.
Face to face standard manufacturer.
Metric thread flange holes according to EN 1092-1.
Fire Safe according to API 6FA, API 607 and ISO 10497.
ATEX ZONE II 2GD (Directive 2014/34/UE).
SIL 3 according to IEC 61508.
TA-LUFT / Fugitive Emission ISO 15848.
Top Mounting according to ISO 5211, anti-blowout stem, antistatic device according to BS 5146.
Pneumatic and Hydro test according to EN 12266-1, ISO 5208, API 598, API 6D.
Leakage rate A according to ISO 5208.
Finishing: steel zinc plated standard manufacturer.

MAIN PARTS MATERIALS

Body and closure: carbon and stainless steel from bar.
Trim from bar stock: stainless steel AISI 316-316L.
Seats: PTFE or RPTFE (25% carbographite).
Body and Stem seals: O-Ring VITON or graphite.
Hand lever carbon steel zinc plated.
Temperature: TS -29°C up to +150°C.

OPTIONS

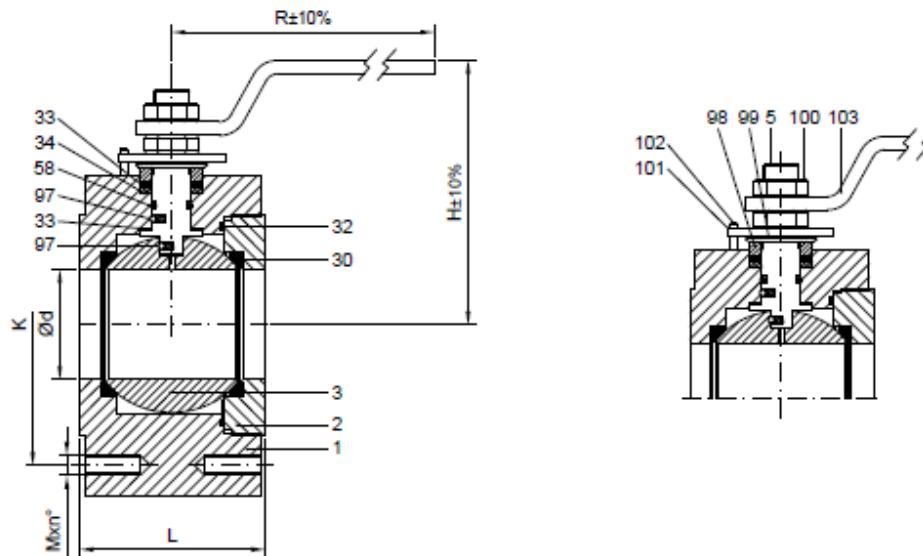
Body and Trim: nickel alloys, duplex, SSD, Titanium, others on demand.
Material and seals suitable for temperature up to -46°C or + 200°C.
NACE MR0175 – MR0103.
Body and Stem seals: elastomers and perfluoroelastomers, PTFE, "V" pack.
Stem extension 100 mm for insulation.
Through holes for bottom installation including bolts.
Flange UNC threaded for ANSI valve.
Unidirectional ball valve with a balance hole in the ball.
Lever stainless steel, Gear operator, locking device.
Automation: pneumatic or electric actuator, limit switch box, solenoid valve.
Heating jacket on the body with flanged or welded or threaded connection.
Special painting.



CLASSE ANSI 150								
DN	Ød	L	K	Mxn°	H	R	ISO 5211	Kg
1/2"	14	38	60.5	14x4	80	160	F03	1.8
3/4"	20	39	69.9	14x4	80	160	F03	2
1"	25	46	79.2	14x4	95	185	F03	3
1-1/4"	32	56	88.9	14x4	110	280	F04	5
1-1/2"	38	62	98.6	14x4	115	280	F04	6.5
2"	49	85	120.7	16x4	125	280	F05	12
2-1/2"	62	103	139.7	16x4	150	360	F07	16
3"	75	120	152.4	16x4	155	360	F07	22
4"	97	150	190.5	16x8	180	495	F10	35

CLASSE ANSI 300								
DN	Ød	L	K	Mxn°	H	R	ISO 5211	Kg
1/2"	14	38	66.5	14x4	80	160	F03	1.8
3/4"	20	39	82.6	16x4	80	160	F03	2
1"	25	46	88.9	16x4	95	185	F03	3
1-1/4"	32	56	98.6	16x4	110	280	F04	5
1-1/2"	38	62	114.3	20x4	115	280	F04	6.5
2"	49	85	127	16x8	125	280	F05	12
2-1/2"	62	103	149.4	20x8	160	360	F07	16
3"	75	120	168.1	20x8	170	360	F07	22
4"	97	150	200.2	20x8	180	495	F10	40

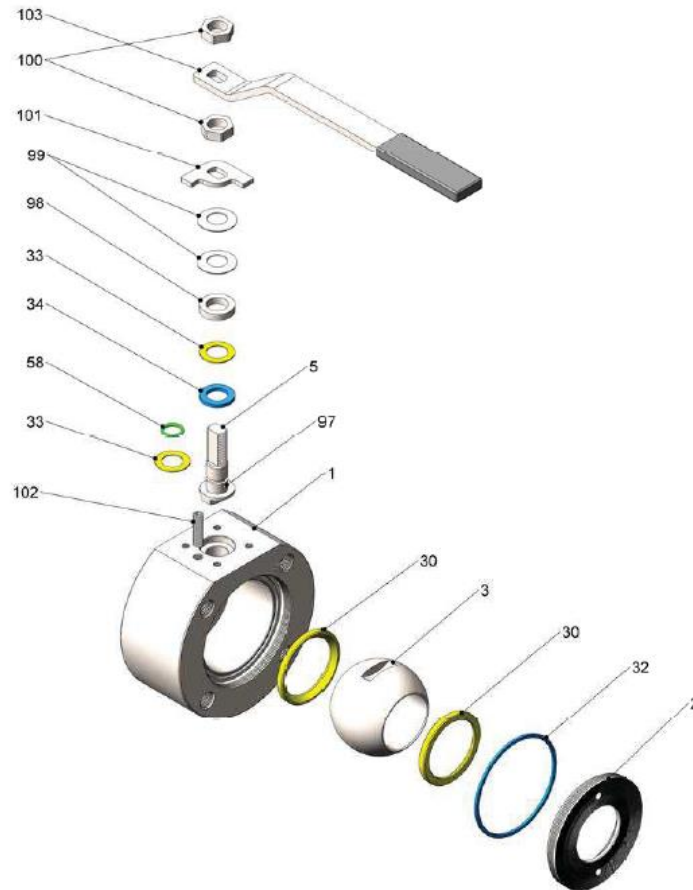
CLASSE ANSI 600								
DN	Ød	L	K	Mxn°	H	R	ISO 5211	Kg
1/2"	14	55	66.5	14x4	80	160	F03	3
3/4"	20	60	82.6	16x4	95	185	F03	4
1"	25	65	88.9	16x4	107	280	F04	5.5
1-1/4"	32	75	98.6	16x4	112	280	F05	6.5
1-1/2"	38	85	114.3	20x4	124	280	F05	8



CLASSE PN 16								
DN	Ød	L	K	Mxn [°]	H	R	ISO 5211	Kg
15	14	38	65	12x4	80	160	F03	1.8
20	20	39	75	12x4	80	160	F03	2
25	25	46	85	12x4	95	185	F03	3
32	32	56	100	16x4	110	280	F04	5
40	38	62	110	16x4	115	280	F04	6.5
50	49	85	125	16x4	125	280	F05	12
65	62	103	145	16x8	150	360	F07	16
80	75	120	160	16x8	155	360	F07	22
100	97	150	180	16x8	180	495	F10	35

CLASSE PN 25 - 40								
DN	Ød	L	K	Mxn [°]	H	R	ISO 5211	Kg
15	14	38	65	12x4	80	160	F03	1.8
20	20	39	75	12x4	80	160	F03	2
25	25	46	85	12x4	95	185	F03	3
32	32	56	100	16x4	110	280	F04	5
40	38	60	110	16x4	115	280	F04	6.5
50	49	85	125	16x4	125	280	F05	12
65	62	103	145	16x8	150	360	F07	16
80	75	120	160	16x8	155	360	F07	22
100	97	150	190	20x8	180	495	F10	40

CLASSE PN 63 - 160								
DN	Ød	L	K	Mxn [°]	H	R	ISO 5211	Kg
15	14	55	75	12x4	80	160	F03	3
20	20	60	90	16x4	95	185	F03	4
25	25	65	100	16x4	107	280	F04	5.5
32	32	75	110	20x4	112	280	F05	6.5
40	38	85	125	20x4	124	280	F05	8



Part list

	103	Leva	Handle	STEEL ZINC PLATED	STEEL ZINC PLATED
	102	Stop pin	Stop pin	8.8 Zn	A2
	101	Stop	Stop	STEEL ZINC PLATED	STEEL ZINC PLATED
	100	Dado	Handle nut	8.8 Zn	A2
	99	Molle a tazza	Disc spring	50 Cr V4	50 Cr V4 + 25 µm ENP
	98	Premibussola	Pressing bush	STEEL ZINC PLATED	STAINLESS STEEL
	97	Dispositivo antistatico	Antistatic device	AISI 316	AISI 316
	58	O-ring stelo	Stem o-ring	FKM	FKM
	34	Guarnizione stelo	Stem gasket	GRAPHITE	GRAPHITE
	33	Guarnizione stelo	Stem gasket	PTFE	PTFE
	32	Guarnizione corpo	Body gasket	GRAPHITE	GRAPHITE
	30	Sedi	Seat rings	PTFE	PTFE
	5	Stelo	Stem	ASTM A479 316/316L	ASTM A479 316/316L
	3	Sfera	Ball	ASTM A479 316/316L	ASTM A479 316/316L
	2	Chiusura	Closure	ASTM A350 LF2 cl.1	ASTM A479 316/316L
	1	Corpo	Body	ASTM A350 LF2 cl.1	ASTM A479 316/316L
	ITEM	DESCRIZIONE	DESCRIPTION	ABBINAMENTO MATERIALI STD.	STD. MATERIAL COMBINATION

■ Parti di ricambio/Spare parts



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people*

Per informazioni/For information

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