ED.2022

di marco

VALVOLE INDUSTRIALI

di marco
FORNITURE INDUSTRIALI

AQUARIA - Valvola a farfalla DN 25 - 300

Descrizione

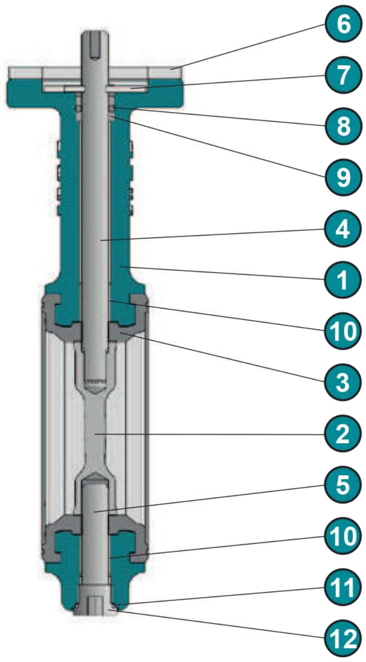
Valvola a farfalla centrica con manichetta in elastomero, secondo EN 593. Campo di applicazione: Impianti nel settore edile e irrigazione.

A1A
Wafer

A3A
Lug

Caratteristiche

• Forme del corpo	A1A Wafer, A3A Lug (fori filettati)
• Scartamento	secondo ISO 5752/20, EN 558/1-20
• Top flange	secondo EN ISO 5211
• Pressione esercizio max.	DN25-150 16bar, DN 200-300 10 bar
• Norme di accoppiamento	PN6, PN10, PN16, ANSI cl. 150
• Campo di temperatura	-10ºC ÷ 130ºC a secondo dei materiali e delle condizioni di esercizio
• Collaudo idraulico	secondo EN 12266 P10/P12
CE	Le valvole a farfalla AQUARIA soddisfano completa-mente le esigenze di sicurezza relative all'appendice I delle direttive europee per apparecchi di pressione 97/23/EG (DGR) per fluidi dei gruppi 1 e 2



Materiali

1	Corpo	Ghisa sferoidale	rivestito Epoxy
2	Disco	Ghisa sferoidale	rivestito Epoxy
		Acciaio INOX	1.4408
3	Manichetta	EPDM HT	
4	Asse superiore	Acciaio INOX	1.4021 (AISI 420)
5	Asse inferiore	Acciaio INOX	1.4021 (AISI 420)
6	Boccola albero	PP (white)	
7	Anello di chiusura	POM	
8	O-ring	EPDM	
9	Cuscinetto	Acciaio/PTFE	
10	O-ring	NBR	
11	Connessione	POM	
12	Vite	Acciaio INOX	

Codifica articoli

A1A	100	.	3	3	-	2DE	.	4A	.	4C0	.	EC
❶	❷		❸	❹		❺		❻		❼		❽

❶	**Forma del corpo**	**A1A**	Wafer	DN25-300
		A3A	Lug	DN25-300
❷	**Gamma diametri**	**025 - 300**	mm / DN ≥ 350 → DESPONIA	
❸	**Pressione d'esercizio**	**2**	10 bar	DN200-300
		3	16 bar	DN25-150
❹	**Norme di accoppiamento**	**per A1A Wafer**		
		3	PN6/10/16, ANSI cl. 150	A1A Wafer DN25-300
		per A3A Lug		
		2	PN10	A3A Lug DN200-300
		3	PN10/16	A3A Lug DN25-150
			PN16	A3A Lug DN200-300
❺	**Corpo**	**2DE**	Ghisa sferoidale, rivestito Epoxy	
		2AR	Ghisa sferoidale, rivestito Epoxy	DN25-40 / A3A Lug DN200-300 PN16
❻	**Asse**	**4A**	Acciaio INOX 1.4021 (AISI420)	
❼	**Disco**	**4C0**	Acciaio INOX 1.4408	
		2DE	Ghisa sferoidale, rivestito Epoxy	
		2AE	Ghisa sferoidale, rivestito Epoxy	A3A Lug DN200-300 PN16
❽	**Manichetta**	**EC**	EPDM HT (-10°C ... 130°C)	

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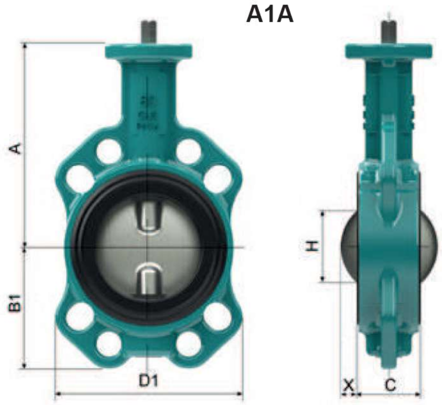
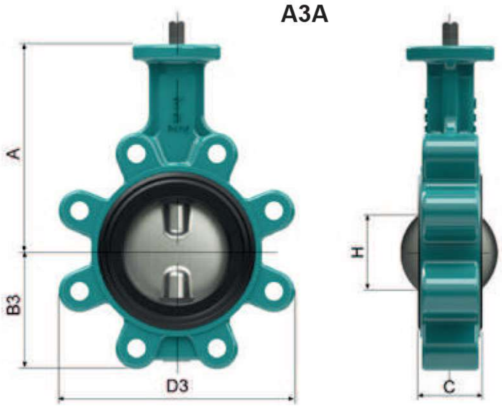
Dimensioni

A1A



A3A



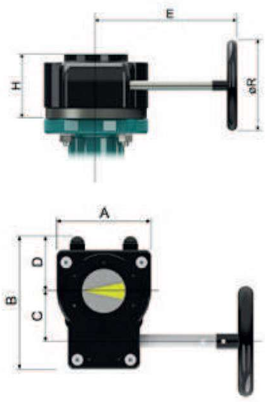
	DN	A	B1	B3	C	D1	D3	H	X	kv[m³/h]	[kg]A1	[kg]A3
PN10/16	25/32	110	51	51	30	101	101	19	3	40	1.4	1.4
	40	130	54	51	33	108	108	28	6	50	2	2
	50	125	65	65	43	257	118	24	3.5	91	2.3	2.9
	65	150	78	78	46	263	132	44	9.5	206	3.0	3.7
	80	157	85	85	46	266	178	63	17	436	3.6	5.0
	100	182	98	98	52	320	208	82	24	660	5.4	7.4
	125	201	114	114	56	330	238	109	34.5	1300	7.1	10.4
	150	214	127	127	56	342	260	136	47	2100	8.4	11.4
PN10	200	245	158	158	60	519	322	188	70	4100	13.1	18.1
	250	283	194	194	68	376	394	237	91	6090	23	30
	300	308	219	219	78	434	461	287	111	9570	33	42
PN16	200	240	-	116	60	-	332	194	72	2800	-	19.6
	250	279	-	199	68	-	402	240	91	4480	-	28.7
	300	315	-	234	78	-	472	290	112	6800	-	41.2

Leva manuale

PA6.6 30% GF

DN		L	H	(kg)
25-40	**HLP.F0708.240**	240	43	0.3
50-80	**HLP.F0509.195A**	195	62	0.4
100	**HLP.F0711.240A**	240	67	0.6
125-150	**HLP.F0714.240A**	240	67	0.6
200	**HLP.F0717.390A**	390	71.5	0.9

Riduttore



Alluminio rivestito in poliuretano (liquidi, 20°C ÷ 80°C)

DN		A	B	C	D	E	H	øR	n*	[kg]
25-40	**GB232-05.F05-F0711.100(R08)**	80	114	42.5	48	121	53	100	10	0.8
50-80	**GB232-05.F05-F0709.100**	80	114	42.5	48	121	53	100	10	0.8
100	**GB232-05.F05-F0711.100**	80	114	42.5	48	121	53	100	10	0.8
125-150	**GB232-05.F05-F0714.100**	80	114	42.5	48	121	53	100	10	0.8
200	**GB232-06.F05-F0717.160**	80	114	42.5	48	179	59	160	10	0.9
250-300	**GB232-08.F07-F1022.250**	100	131	50	56	209	76	250	9.25	1.55

* n = numero dei giri del volantino Aperto/Chiuso

DESPONIA - Valvola a farfalla DN 25 - 1600

Descrizione

Valvola a farfalla centrica con manichetta in elastomero per liquidi o gas in ambiente industriale, impiantistica, trattamento delle acque, ...

Caratteristiche

• Forme del corpo	D1 Wafer DN 25-1000 D3 Lug (fori filettati) DN 25-600 D4 flangiata DN 150-1600
• Scartamento	secondo ISO 5752/20, EN 558-1/20
• Costruzione	secondo EN 593 / API 609 category A (su richiesta)
• Top flange	secondo EN ISO 5211
• Pressione esercizio max.	16 bar / 20 bar (su richiesta)
• Norme di accoppiamento	PN6, PN10, PN16, ANSI cl. 150
• Campo di temperatura	-20°C ÷ 140°C a seconda del materiale
• Collaudo di tenuta	secondo EN 12266-1/P12 perdita A fluido collaudo acqua secondo API 598 (su richiesta)
CE	Le valvole a farfalla DESPONIA soddisfano completamente le esigenze di sicurezza relative all'appendice I delle direttive europee per apparecchi di pressione 97/23/EG (DGR) per fluidi dei gruppi 1 e 2
SIL	La valvola a farfalla DESPONIA é adatta per l'impiego in sistemi di sicurezza secondo IEC 61508 / 61511, Safety Integrity Level SIL 2

D1
Wafer

D3
Lug
(fori filettati)

D4
flangiata

InterApp

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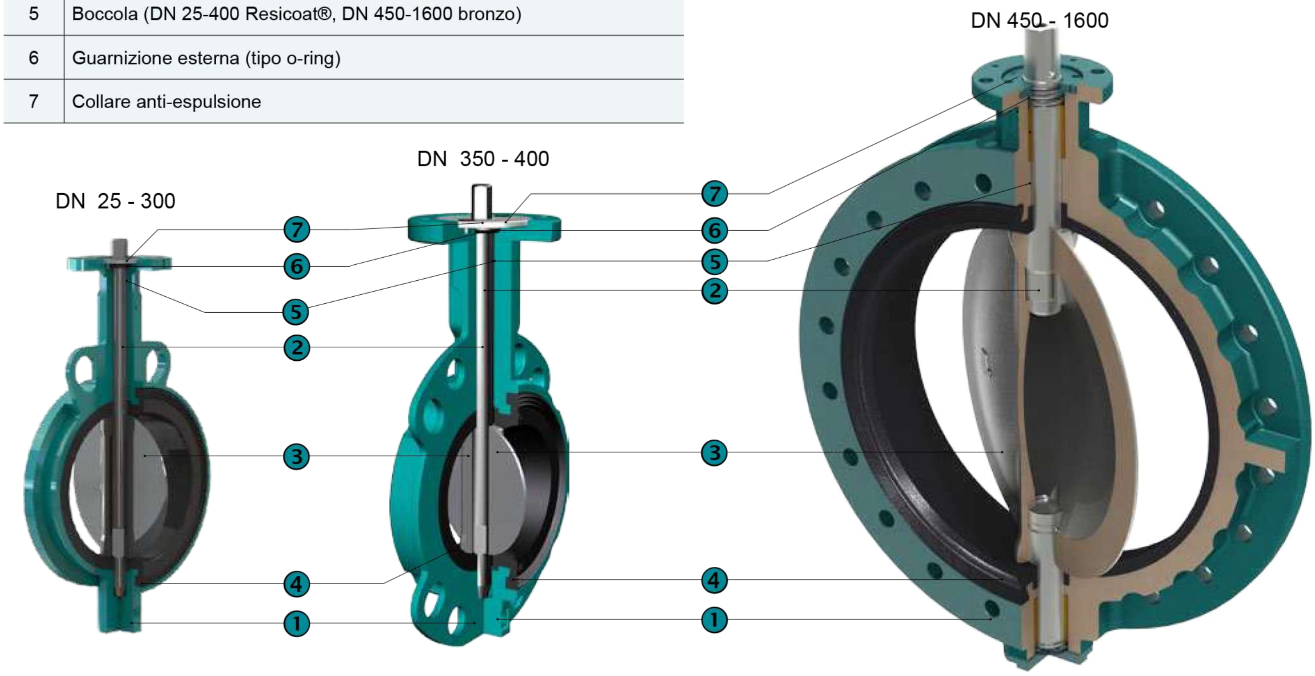
Costruzione

1	Corpo (estensione dello stelo per permettere la coibentazione)
2	Stelo anti-espulsione con indicatore di posizione
3	Disco
4	Manichetta intercambiabile con profilo in rilievo sulla superficie di tenuta
5	Boccola (DN 25-400 Resicoat®, DN 450-1600 bronzo)
6	Guarnizione esterna (tipo o-ring)
7	Collare anti-espulsione



Valori Kv m³/h

Angolo di apertura delle valvole

DN	20°	30°	40°	50°	60°	70°	80°	90°
25/32		1,5	5	10	15	26	34	40
40		2,7	8,5	16	25	37	46	50
50	2	7	15	28	45	68	88	100
65	3	11	24	48	85	138	180	210
80	8	22	50	83	134	230	312	360
100	15	35	70	130	225	410	585	650
125	28	70	135	230	360	600	920	1050
150	33	95	205	320	580	980	1410	1620
200	60	175	355	580	910	1600	2450	2800
250	132	340	590	940	1480	2550	3950	4480
300	200	505	890	1450	2100	3800	5960	6800
350	280	680	1200	2050	3150	5050	8100	9200
400	365	860	1500	2490	3980	6600	10200	11700
450	465	1080	1900	3150	5050	8700	13300	15200
500	580	1200	2300	3740	6150	11000	16800	18900
600	820	1600	2780	5200	8940	14500	23500	26800
700	890	2050	3450	6050	11050	18800	31500	37100
800	1300	2550	4950	8750	14200	23500	39500	48500
900	1650	3300	6400	11800	19400	31500	52500	61300
1000	2150	4250	8200	15100	23500	39400	65500	80500
1200	4000	7500	12500	19800	34000	55400	98300	119200
1400	5200	10120	18200	32500	51500	89500	142000	162000
1600	7100	14210	26050	45000	71200	118500	196200	228500

Dimensioni

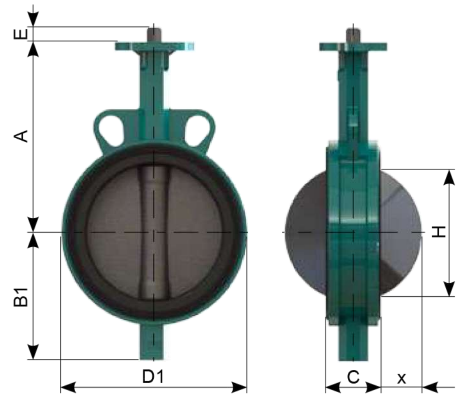
D1 Wafer, DN25-1000

DN 25-50

DN 65/80

DN 100

DN 125-300



DN 350/400

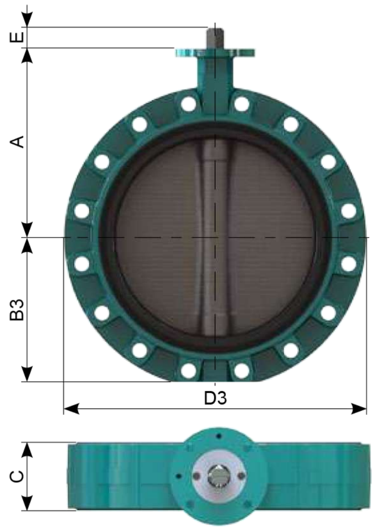
DN 450-1000

1) DN 450 - 1600, 2 x Due fori filettati in prossimità delle estremità, superiore ed inferiore, dello stelo

DN	A	B1	C	D1	E	H*	x*	[kg]
(25)32	110	51	30	101	12	19	3	1,0
40	130	55	33	108	12	28	6	1,3
50	135	72	43	120	12	32	6	1,8
65	150	82	46	138	12	50	11	2,3
80	160	92	46	142	12	69	19	2,3
100	180	110	52	162	12	88	26	3,9
125	195	128	56	181	16	115	36	5,0
150	210	141	56	205	16	141	48	5,9
200	240	174	60	260	19	194	72	9,3
250	279	201	68	310	24	240	91	17,0
300	315	234	78	362	24	290	112	23,7
350	330	268	80	425	40	330	130	41,5
400	365	299	102	475	40	377	145	57,2
450	397	355	113	538	65	425	164	95
500	437	393	126	595	65	474	182	125
600	522	464	153	695	80	569	218	180
700	565	503	168	800	80	660	257	280
800	627	577	190	908	80	774	304	387
900	696	643	204	1015	100	855	337	502
1000	745	693	218	1133	100	960	383	710

*** Per l´utilizzo di collari di plastica verificare il diametro H/x per evitare di danneggiare il disco.**

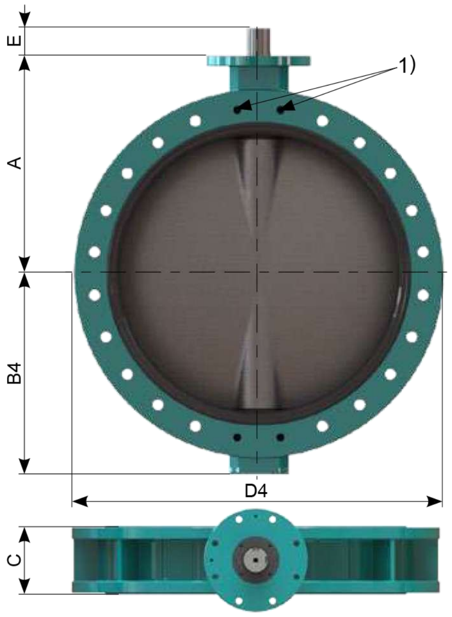
D3 Lug (fori filettati), DN 25-600



DN	A	B3	C	D3	E	H*	x*	[kg]
25	110	51	30	101	12	19	3	1,4
32	110	51	30	101	12	19	3	1,4
40	130	54	33	108	12	28	6	2
50	135	72	43	116	12	32	6	3,2
65	150	82	46	131	12	50	11	4
80	160	88	46	188	12	69	19	6,1
100	180	102	52	219	12	88	26	8,5
125	195	116	56	248	16	115	36	10
150	210	128	56	274	16	141	48	11
200	240	161	60	332	19	194	72	19,6
250	279	199	68	402	24	240	91	28,7
300	315	234	78	472	24	290	112	41,2
350	330	258	80	520	40	330	130	55
400	365	290	102	584	40	377	145	75
450	397	355	113	655	65	425	164	150
500	437	393	126	712	65	474	182	170
600	522	464	153	829	80	569	218	240

Dimensioni

D4 flangiata, DN 150-1600



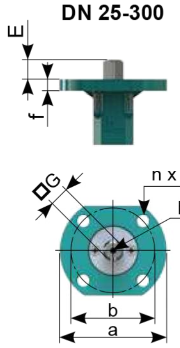
DN	A	B4	C	D4	H*	x*	J	E	[kg]
150	210	143	56	285	141	48	10	16	15
200	240	170	60	340	194	72	12,5	19	19,5
250	279	200	68	406	240	91	15	24	30,5
300	315	239	78	482	290	112	15	24	44
350	330	265	80	533	330	130	18	40	59
400	365	296	102	597	377	145	20	40	82
450	397	355	113	640	425	164	24	65	118
500	437	393	126	715	474	182	26	65	175
600	522	464	153	840	569	218	28,5	80	260
700	565	503	168	927	660	257	31,5	80	345
750	590	541	170	985	709	272	34	80	435
800	627	577	190	1060	774	304	36,5	80	510
900	696	643	204	1170	855	337	38	100	660
1000	745	693	218	1255	960	383	44	100	790
1100	820	738	218	1395	1054	429	44	100	850
1200	881	806	254	1485	1149	462	47	120	1180
1400	990	908	280	1746	1336	543	40	120	1700
1600	1117	1048	318	1924	1553	634	50	155	2600

1) DN 450 - 1600, 2 x Due fori filettati in prossimità delle estremità, superiore ed inferiore, dello stelo

Top flange secondo ISO 5211

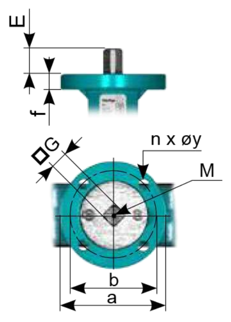
Wafer

DN 25-300



Lug (fori filettati) e flangiata

DN 25-300



Wafer

Inch	E	G	M	f	ISO	a	b	n x øy
25-40	12	□ 8	M4	10	F05*	65	50	4 x 7
50-80	12	□ 11	M6	10	F05	65	50	4 x 7
100	12	□ 11	M6	10 / 10	F05 / F07	65 / 89	70 / 50	4 x 7 / 4 x 9,5
125	16	□ 14	M6	10 / 10	F05 / F07	65 / 89	70 / 50	5 x 7 / 4 x 9,5
150	16	□ 14	M6	10	F07	89	70	4 x 9,5
200	19	□ 17	M6	10	F07	89	70	4 x 9,5
250-300	24	□ 22	**	18	F10/F12	150	102/125	4 x 11 / 4 x 13

*F04 su richiesta
**albero non filettato

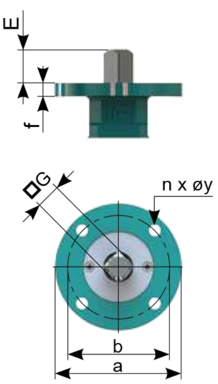
Lug (fori filettati) e flangiata

DN	E	G	M	f	ISO	a	b	n x øy
25-40	12	□ 8	M4	12	F07	90	70	4 x 9
50-100	12	□ 11	M6	12	F07	90	70	4 x 9
125-150	16	□ 14	M6	12	F07	90	70	4 x 9
200	19	□ 17	M6	12	F07	90	70	4 x 9
250-300	24	□ 22	**	18	F10/F12	150	102/125	4 x 11 / 4 x 13

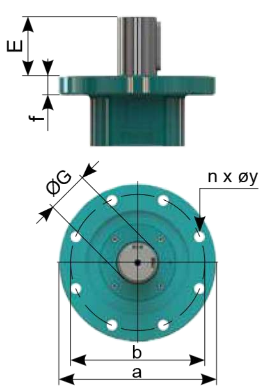
**albero non filettato

Wafer, Lug (fori filettati) e flangiata

DN 350-400



DN 450-1600



Wafer, Lug (fori filettati) e flangiata

DN	E	G	d	e	f	ISO	a	b	n x øy
350	40	□ 22	-	-	18	F12	155	125	4 x 13
400	40	□ 27	-	-	18	F12	155	125	4 x 13
450-500	65	Ø 45	14	9	25	F14	175	140	4 x 18
600	80	Ø 70	20	12	25	F16	220	165	4 x 22
700	80	Ø 70	20	12	25	F25	300	254	8 x 18
(750)	80	Ø 70	20	12	30	F25	300	254	8 x 18
800	80	Ø 70	20	12	30	F25	300	254	8 x 18
900	100	Ø 80	22	14	30	F30	350	298	8 x 22
1000	100	Ø 80	22	14	30	F30	350	298	8 x 22
(1100)	100	Ø 80	22	14	30	F30	350	298	8 x 22
1200	120	Ø 100	28	16	30	F30	350	298	8 x 22
1400	120	Ø 120	32	18	35	F30	350	298	8 x 22
1600	155	Ø 130	32	18	40	F35	418	356	8 x 33,5

L20 MODEL

LUCAVAL

WAFER STYLE KNIFE GATE VALVE

The **L20** model knife gate is a uni-directional wafer valve designed for general industrial service applications. The design of the body and seat assures non-clogging shu-toff on suspended solids in industries such as:

- Pulp and Paper
- Wastewater treatment plants
- Food and Beverage
- Mining
- Power plants
- Chemical plants
- Bulk handling
- etc.

Sizes: DN 50 to DN 1000 (larger diameters on request)

Working pressure:

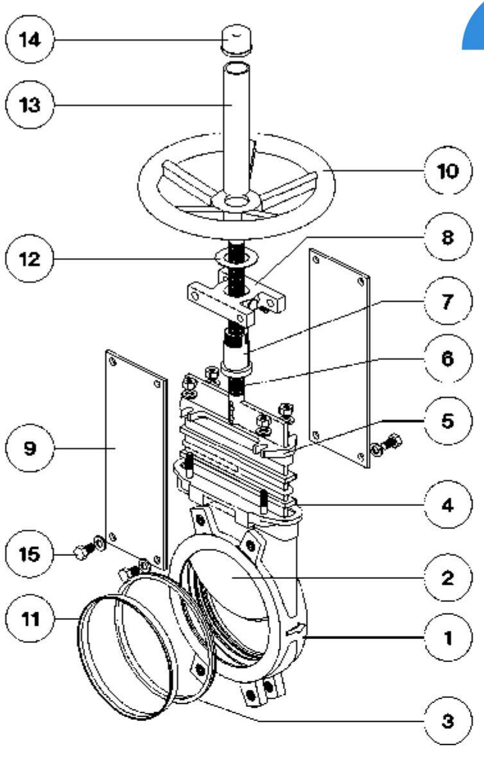
DN 50 to DN 250:	10 (kg/cm²)
DN 300 to DN 400:	6 (kg/cm²)
DN 450 :	5 (kg/cm²)
DN 500 to DN 600:	4 (kg/cm²)
DN 700 to DN 1000:	2 (kg/cm²)

Standard flange connection: DIN PN 10 and ANSI B16.5 (class 150)

Note: other flange connections are available on request such as:

DIN PN 6	DIN PN 16	DIN PN 25
BS "D" and "E"	ANSI 125	

All valves are tested prior to shipping in accordance with the standard developed by the Quality Control department at LUCAVAL



STANDARD PARTS LIST

Part:	Cast Iron:	Stainless Steel:
1- Body	GG25	CF8M
2- Gate	AISI 304	AISI 316
3- Seat	Metal or Resilient	
4- Packing	AH	NT
5- Gland Follower	Aluminum (DN 50 to DN 300) S.G. Iron	CF8M
	(DN 350 to DN 1000)	
6- Stem	AISI 303	
7- Stem Nut	Bronze	
8- Yoke	Carbon Steel (DN 50 to DN 150)	
	S.G. Iron (DN 200 to DN 1000)	
9- Support Plates	Carbon Steel - Epoxy Coated	
10- Handwheel	Steel (DN 50 to DN 300)	
	CAST Iron (DN 350 to DN 1000)	
11- Seat Retainer Ring	AISI 304	AISI 316
12- Thrust Washer	Bronze	
13- Stem Protector	Carbon Steel - Epoxy Coated	
14- Cap	Plastic	

L50
MODEL

LUCAVAL

THROUGH CONDUIT KNIFE GATE VALVE

The **L50** model knife gate is a bi-directional wafer valve designed for media with high consistency. The double seat design assures a non-clogging shut off on either normal or reverse flow. The valve is used in a wide range of demanding applications in industries such as:

- Pulp & Paper
- Power Plants
- etc.
- Wastewater Treatment Plants
- Chemical plants

Sizes: DN 50 to DN 600 (larger diameters on request)

Working pressure:

DN 50 to DN 250:	10 (kg/cm^2)
DN 300 to DN 400:	6 (kg/cm^2)
DN 450:	5 (kg/cm^2)
DN 500 to DN 600:	4 (kg/cm^2)

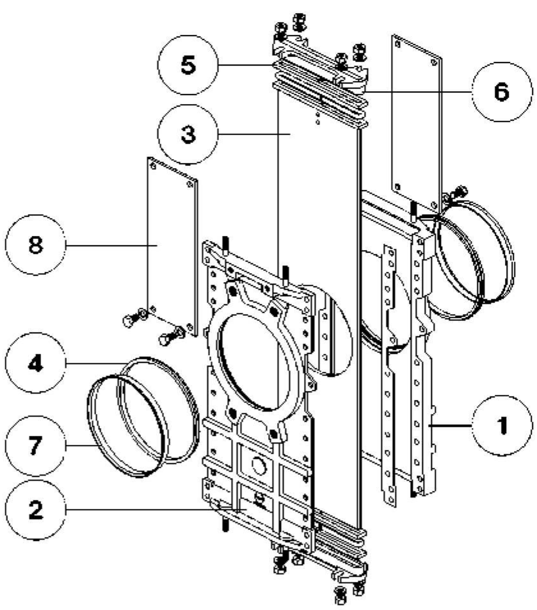
Standard flange connection: DIN PN 10 and ANSI B16.5 (class 150)

Note: other flange connections are available on request such as:

DIN PN 6 DIN PN 16 DIN PN 25

BS "D" and "E" ANSI 125

All valves are tested prior to shipping in accordance with the standard developed by the Quality Control department at LUCAVAL.



STANDARD PARTS LIST

Part:	Cast Iron:	Stainless Steel:
1- Body	GG25	CF8M
2- Body	GG25	CF8M
3- Gate	AISI 304	AISI 316
4- Seat	Metal or Resilient	
5- Packing	AH	NT
6- Gland Follower	Aluminum (DN 50 to DN 300) S.G. Iron (DN 350 to DN 1000)	CF8M
7- Seat Retainer Ring	AISI 304	AISI 316
8- Support Plates	Carbon Steel - Epoxy Coated	

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L13
MODEL

LUCAVAL

BI-DIRECTIONAL KNIFE GATE VALVE

The **L13** model knife gate is a bi-directional valve designed for general industrial service applications. The design of the body and seat assures non-clogging shut off on suspended solids in industries such as:

- Wastewater treatment plant
- Food and Beverage
- Chemical plants
- etc.

Sizes: DN 50 to DN 1200 (larger diameters on request)

Working pressure:

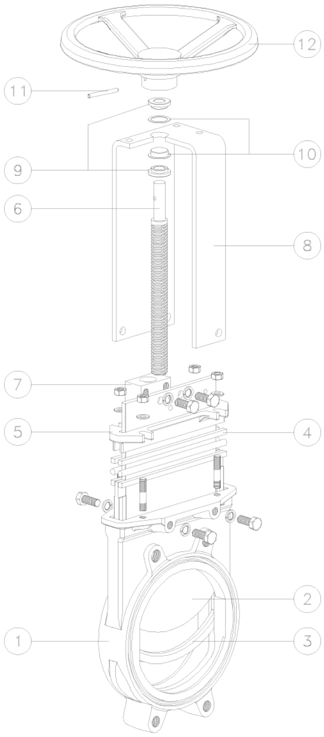
DN 50 to DN 250:	10	kg/cm^2
DN 300 to DN 400:	6	kg/cm^2
DN 450 :	5	kg/cm^2
DN 500 to DN 600:	4	kg/cm^2
DN 700 to DN 1200:	2	kg/cm^2

Standard flange connection: DIN PN 10
Other flange connections: on request

Directives: DIR 98/37/CE (MACHINES)
DIR 97/23/CE (PED)
DIR 94/9/CE (ATEX)

Face to face dimensions acc. to K1 DIN 3202 up to DN 300.

All valves are tested prior to shipping in accordance with the standard developed by the Quality Control Department at LUCAVAL.



STANDARD PARTS LIST

Part:	Cast Iron:
1- Body	GJL (GG25)
2- Gate	AISI 316 Ti
3- Seat	EPDM / Nitrile
4- Packing	PTFE Impreg. Synth. Fibre (ST)
5- Gland Follower	∅ ≤ 300: Ductile Iron / ∅ ≥ 350: Aluminium
6- Stem	AISI 303
7- Stem Nut	Brass
8- Yoke	Carbon Steel - Epoxy Coated
9- Collar	Brass
10- Collar and washer	Nylon
11- Spring Pin	Steel DIN 1481
12- Handwheel	∅ ≤ 310: Ductile Iron / ∅ ≥ 410: GJL 250 (GG25)

L65

MODEL

LUCAVAL

HOPPER SHAPE KNIFE GATE VALVE

The **L65** model knife gate is a uni-directional wafer valve designed for industrial bulk handling service applications (powdered and granular products). The special design of the body allows for easy passage of the fluid and makes it ideal for use as silo outlet valve. Widely used in industries such as:

- Power plants
- Food and Beverage
- Chemical plants
- Mining
- etc.

The valve is normally installed in the reverse position (seat upstream) in order to avoid problems like build-up in valve body, seat wear, difficult closing,...

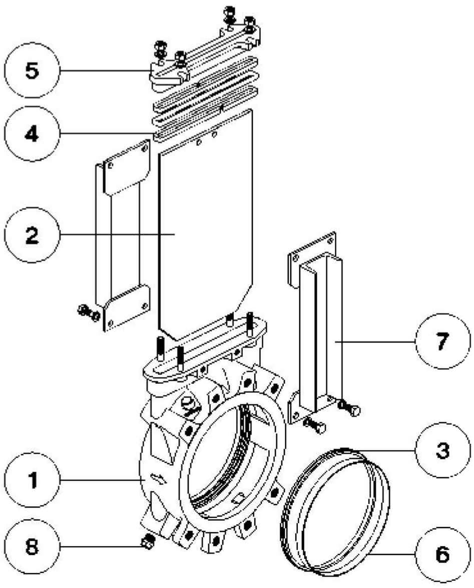
Sizes: DN 50 to DN 600 (larger diameters on request)

Working pressure:		SEAT OPPOSITE PRESSURE
DN 50 to DN 250	10 (kg/cm^2)	3 (kg/cm^2)
DN 300 to DN 400	6 (kg/cm^2)	2 (kg/cm^2)
DN 450	5 (kg/cm^2)	1.5(kg/cm^2)
DN 500 to DN 600	4 (kg/cm^2)	1 (kg/cm^2)

Standard flange connection:
DIN PN 10 and ANSI B16.5 (class 150)

Note: other flange connections are available on request.

All valves are tested prior to shipping in accordance with the standard developed by the Quality Control department at LUCAVAL.



STANDARD PARTS LIST

Part:	Cast Iron:	Stainless Steel:
1- Body	GG25	CF8M
2- Gate	AISI 304	AISI 316
3- Seat	Metal or EPDM	
4- Packing	AH	NT
5- Gland Follower	Aluminum (DN 50 to DN 300) S.G. Iron (DN 350 to DN 600)	CF8M
6- Seat retainer ring	AISI 304	AISI 316
7- Support Plates	Carbon Steel - Epoxy coated	
8- Cap	Carbon Steel	

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L10

MODEL

DOUBLE GATE KNIFE GATE VALVE

The **L10** model knife gate is a bi-directional valve widely used in the Pulp and Paper industry (recycling or secondary fibre processing) designed to handle high concentrated or contaminated media. In open position, both gates retract into the body and allow full flow. When closing, the gates push stock and contaminants as staples, wires,... out of the body into the flow.
Stroke time is one half of conventional valves.
All components subject to wear are replaceable.

Sizes: DN 100 to DN 600 (larger diameters on request)

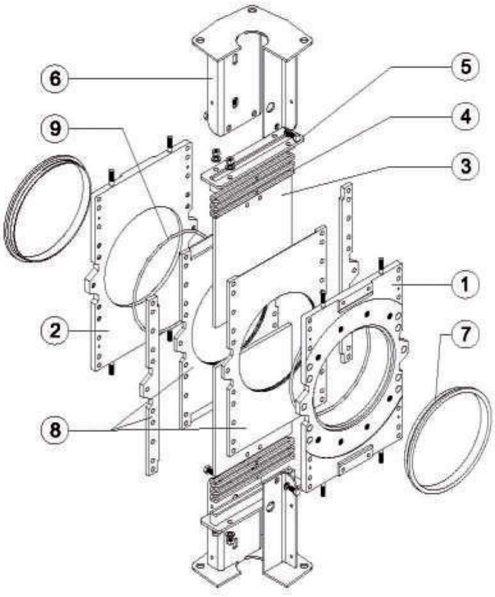
Working pressure:

DN 100 to DN 250:	10 kg/cm^2
DN 300 to DN 400:	6 kg/cm^2
DN 450:	5 kg/cm^2
DN 500 to DN 600:	4 kg/cm^2

Standard flange connection: DIN PN 10 and ANSI B16.5 (class 150)
Note: other flange connections are available on request.

Directives: DIR 98/37/CE (MACHINES)
DIR 97/23/CE (PED) Fluid: Group 1(b), 2 (Cat. I, mod. A)
DIR 94/9/CE (ATEX) Group II, Cat. 3: zones 2 and 22

All valves are tested prior to shipping in accordance with the standard developed by the Quality Control Department at LUCAVAL.



STANDARD PARTS LIST

Part:	Carbon Steel:	Stainless steel:
1- Body	Carbon steel	AISI 316
2- Counterbody	Carbon steel	AISI 316
3- Gate	AISI 304	AISI 316
4- Packing	Tallowed cotton	PTFE Impreg. Synth. Fibre
	(Both versions with a EPDM o-ring)	
5- Gland Follower	Carbon Steel	AISI 316
6- Yoke	Carbon Steel-Epoxy Coated	
7- Seat rings	CF8M	
8- Body Liner	UHMW Polyethylene	
9- O-ring	Nitrile	

L08

MODEL

ROUND BY SQUARE PORT KNIFE GATE VALVE

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The **L08** model knife gate is a wafer valve designed for handling difficult applications. This valve is suitable for using in recycling applications, like junk or sand traps of pulpers, high density cleaners (HDC)... or as silo outlet with solid material.
The two piece body with round inlet and square outlet (larger than the inlet) ensures non-jamming.

Sizes: DN 100 to DN 600 (larger diameters on request).

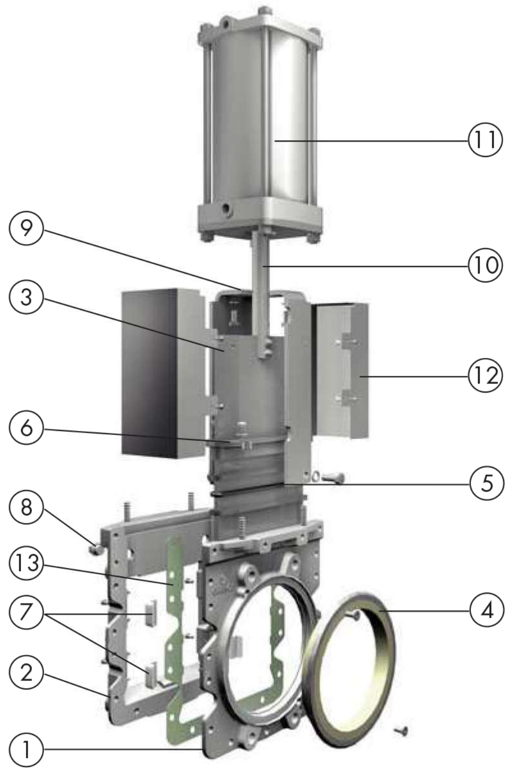
Working pressure: DN 100 a DN 400: 7 kg/cm2 .
DN 500 a DN 600: 4 kg/cm2 .

Standard flange connection: DIN PN 10 and ANSI B16.5 (class 150) (on valve inlet only). Others: on request

Option: For the square outlet, LUCAVAL can design a transition piece that passes from square section to round.

Directives: DIR 98/37/CE (MACHINES)
DIR 97/23/CE (PED) Fluid: Group I(b), II (Cat. I, mod. A)
DIR 94/9/CE (ATEX)

All valves are tested prior to shipping in accordance with the standard developed by the Quality Control Department at LUCAVAL



STANDARD PARTS LIST		
Part:	**Cast Iron:**	**Stainless Steel:**
1- Body	GJL 250 (0.6025)	CF8M (1.4408)
2- Body	GJL 250 (0.6025)	CF8M (1.4408)
3- Gate	2205 (1.4462)	
4- Sleeve	Polyurethane Rubber	
5- Packing	Dynapack (Graphite impregnated PTFE and Aramid yarn combination with an elastomeric core).	
6- Gland Follower	CF8M	
7- Sliders	UHWMPE	
8- Cap	Galv. Steel	AISI 316 (1.4404)
9- Yoke	Carbon Steel - Epoxy Coated	
10- Piston Rod	AISI 304 (1.4301)	
11- Cylinder	Aluminium	
12- Gate guards	AISI 304 (1.4301)	
13- Gasket	Aramid fibres	

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Ball segment valve

SOMAS®

Type KVTW-A/KVXW-A	**Wafer design Standard face to face dimension**	
Nominal pressure	**PN 40/25/20/16/10**	**PN 25/20/16/10**
Nominal size	**DN 25/2 - 65**	**DN 80 - 250**

- Control and shut-off valve
- High capacity
- One-piece shaft gives torque transmission free of backlash
- Excellent tightness irrespective of differential pressure
- Easy maintenance


V-port MC


Low noise

The SOMAS ball segment valve type KVTW with a centrically mounted shaft, and KVXW with an eccentrically mounted shaft are of wafer design. The valve called the A-version is manufactured in standard face to face dimensions common in certain markets.

The valve is also manufactured in D-type version with a short face to face dimension. (see Si-114).

The valve body is in one piece. Shaft device is also in one piece for torque transmission free of backlash. The spring-loaded seat is available in three alternative materials (PTFE, PTFE 53 and HiCo [High Cobalt Alloy]).

The valves can be used for control, as well as for shut-off applications on practically every type of media within a wide temperature range.

Choose KVTW for liquids, media containing impurities etc. For dry and clean media choose KVXW. In the KVXW-valve the ball segment is eccentrically mounted and rotates out from the seat when the valve is opened. This reduces the wear on seat and segment.

Low noise trim is available as an option on DN50 to DN250. The designation "LN" indicates that the ball segment is equipped with a network of bars that are used to split up the pressure drop across the valve. This results in less pressure recovery, thereby reducing the noise and potential damage due to cavitation.

Note! Capacity factors will be reduced for valves with LN-trim.

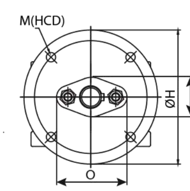
Ball segment DN50 to DN250 with V-groove is available for use at high fiber concentra-tions. The V-groove design prevents dewatering at small opening angles.

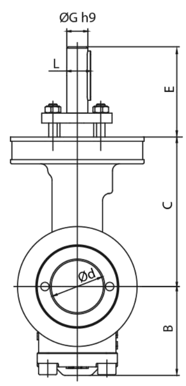
The SOMAS valves are delivered ready for installation and operation. The valve assemblies are delivered factory tested as complete units with actuators, positioners and accessories.

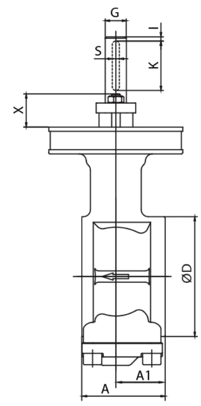
Ball segment valve type KVTW -A (standard)

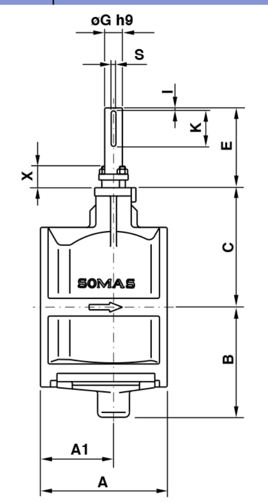
DN	A (mm)	A1 (mm)	B (mm)	C (mm)	Ød (mm)	ØD (mm)	E (mm)	ØG (mm)	H (mm)	I (mm)	K (mm)	L (mm)	HCD (mm)	M (mm)	MM (mm)	O (mm)	P (mm)	R (mm)	S (mm)	V (mm)	X (mm)	Weight (kg)
25	60	31	47	83	25	65	62	15	75	3	35	17	60	M6	-	50	28	0	5	0	25	2.3
40	85	35	63	106	37	85	64	15	95	3	35	17	80	M8	-	50	28	0	5	0	25	4.4
50	95	43	72	106	50	102	64	15	105	3	35	17	80	M8	-	50	28	0	5	0	25	5.6
65	120	56	90	115	60	122	115	20	127	5	45	22.5	-	M12	-	61	42	98	6	48	30	8.5
80	111	64	102	115	75	140	115	20	127	5	45	22.5	-	M12	-	61	42	98	6	48	30	8.5
100	125	73	116	140	92	162	115	20	127	5	45	22.5	-	M12	-	61	42	98	6	48	30	11.5
150	170	101	151	176	124	216	115	25	127	5	45	28	-	M12	-	64	47	98	8	50	30	24
200	215	124	187	202	156	270	135	30	154	5	60	33	-	M12	24	72	50	123	8	62	40	44
250	260	150	230	242	189	324	135	35	154	5	50	38	-	M12	24	75	55	123	10	70	40	71

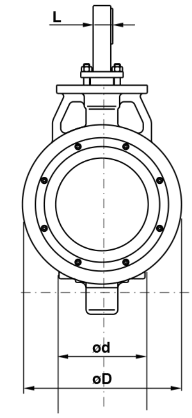
Wafer design

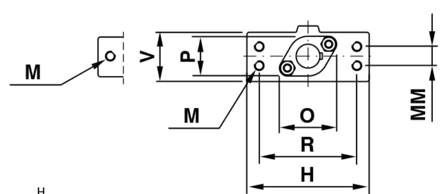


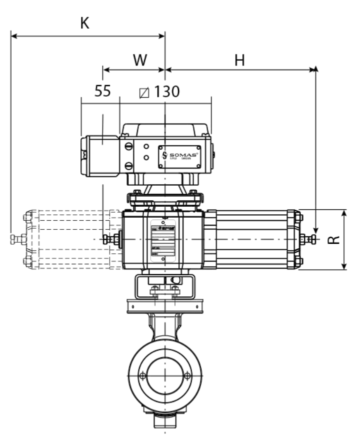


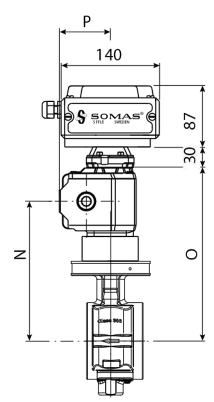


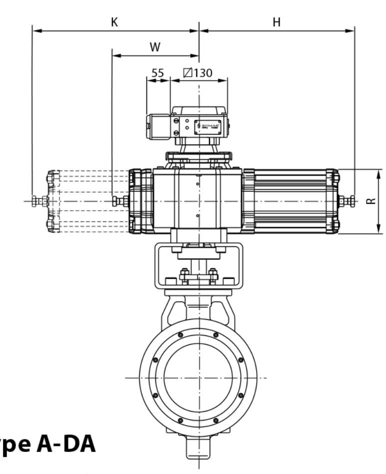


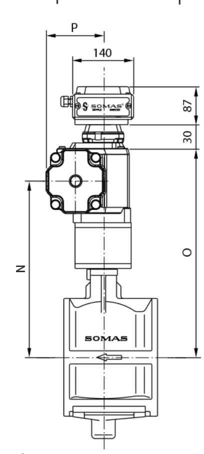












Ball segment valve type KVTW/KVXW with actuator type A-DA

DN	Type	H	K	N	O	P	R	W	Weight
25	A11	215	-	170	215	73	84	90	7
40	A11	215	-	190	240	73	84	90	9
50	A13	250	-	200	250	83	106	90	12
65	A21	255	-	280	345	94	106	140	18
65	A22	255	260	280	345	94	106		20
80	A21	255	-	260	340	94	106	140	18
80	A22	255	260	260	320	94	106	-	20
100	A21	255	-	285	345	94	106	140	21
100	A22	255	260	285	3,45	94	106	-	23
150	A22	255	260	320	385	94	106	-	35
150	A23	305	-	320	385	117	152	140	33
200	A24	305	310	345	410	117	152	-	61
200	A31	380	-	400	485	144	152	215	69
250	A31	380	-	440	525	144	152	215	96
250	A32	380	395	440	525	144	152	-	102

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Butterfly valve

Type MTV	**Wafer design**
Type MTVF	**Flanged design**
Type MTVL	**Lugged design**
Nominal pressure	**PN10 - 25**
Nominal size	**DN80 - 500**
Material	**Stainless steel**

- Advanced triple eccentric design
- Designed for control and shut-off applications
- Designed for applications up to 350° C (662 °F)
- Tightness class in accordance with EN 60534-4 Class V as standard
- Solid seat made of stainless steel
- Wafer design (Mounted between flanges) alt. lugged design

Option

- PTFE seat
- High temperature applications up to 550° C (1022 °F)

SOMAS butterfly valves type MTV, MTVF and MTVL, are control, on/off and shut-off valves. These valves are designed to handle a wide range of liquids, gases and steam within a broad temperature range.

The MTV valve can be mounted between flanges and also supplied in lugged design.

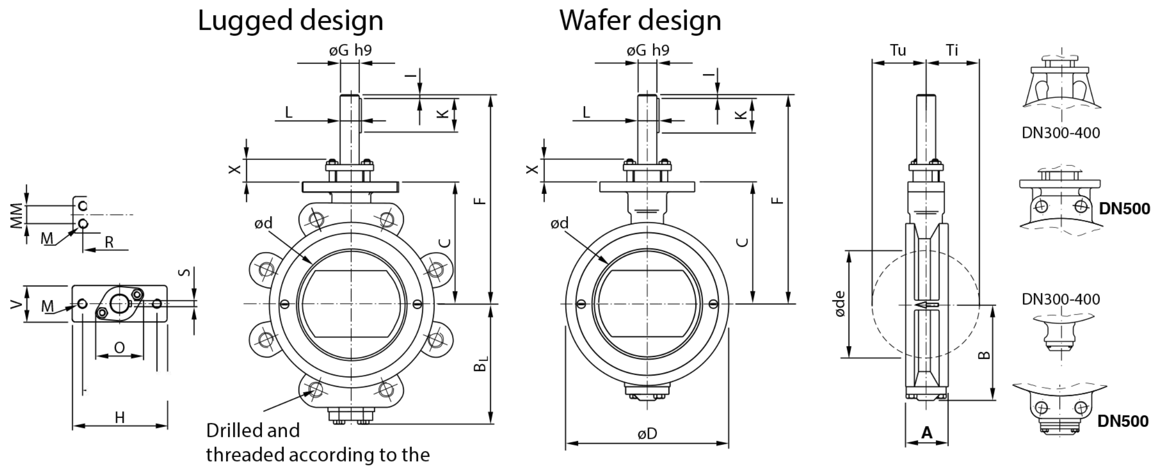
The valve type MTVF is a full flanged butterfly valve.

The valves have an advanced triple eccentric design including a unique shape of the disc allows the use of a solid stainless steel seat.

The solid seat remains un-affected by high flow velocities and temperatures. A good valve function is achieved even on difficult applications.

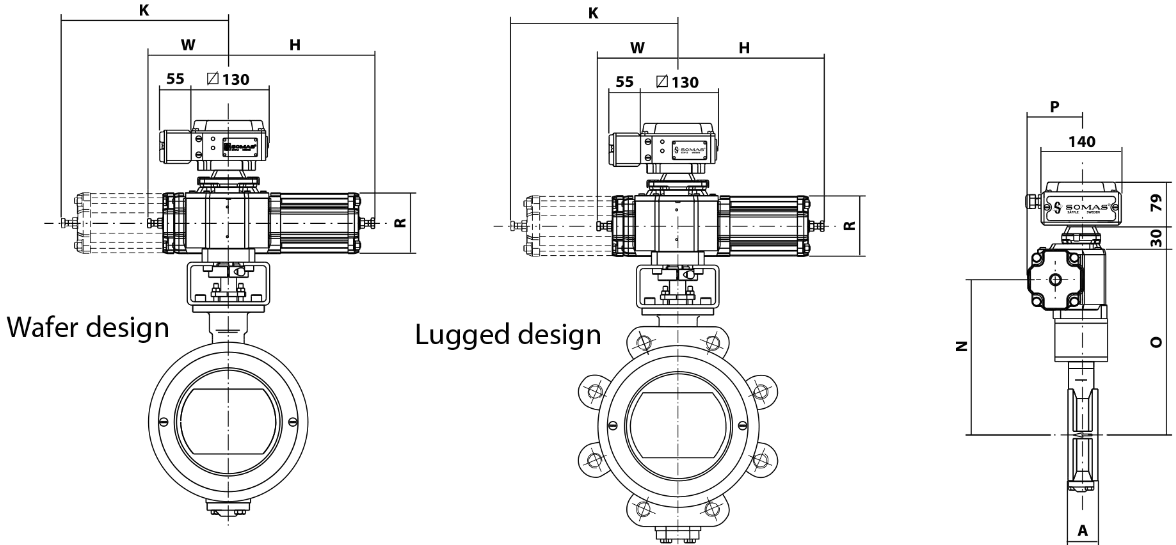
The SOMAS valves are delivered ready for installation and operation.

The valve assemblies are delivered factory tested as complete units with actuators, positioners and accessories.



Butterfly valve type MTV/MTVL

DN	A	B	BL	C	ød	øde	øD	F	øG	H	I	K	L	M	MM	O	R	S	V	X	Tu	Ti	Weight MTV	Weight MTVL
80	46	86	86	111	70	60	133	226	20	125	5	45	22.5	M12	–	61	98	6	40	30	41	38	5	10
100	52	99	129	128	90	86	160	243	20	125	5	45	22.5	M12	–	61	98	6	44	30	52	48	6	11.5
125	56	113	137	146	116	110	188	261	20	125	5	45	22.5	M12	–	61	98	6	48	30	64	60	9	15.5
150	56	127	158	161	140	138	215	276	25	125	5	45	28	M12	–	66	98	8	48	30	77	73	11	18.5
200	60	153	191[1]	191	187	186	270	306	25	125	5	45	28	M12	–	66	98	8	48	30	100	96	17	21*
250	68	188	226	225	236	235	324	360	30	150	5	60	33	M12	24	72	123	8	50	40	124	120	26	45
300	78	261	261	265	285	285	374	400	35	150	3	50	38	M12	24	75	123	10	60	40	149	145	39	70
350	78	287	287	294	331	330	432	449	40	150	3	50	43	M12	40	95	123	12	70	50	172	167	53	100
400	102	339	–	330	382	380	485	530	50	170	3	80	53.5	M16	55	105	136	14	87	50	199	194	82	–
500	127	339	–	395	479	475	590	605	60	210	3	90	64	M20	70	116	150	18	120	60	249	242	149	–



Butterfly valve type MTV/MTVL with actuator type A-DA

DN	Type	H	K	N	O	P	R	W	Weight MTV	Weight MTVL
80	A13	250	–	235	285	83	106	90	11	13
80	A21	255	–	255	320	94	106	140	14	16
100	A21	255	–	270	335	94	106	140	15	21
100	A22	255	260	270	335	94	106	–	17	23
125	A22	255	260	290	355	94	106	–	20	26
150	A22	255	260	305	370	94	106	–	22	30
200	A22	255	260	335	400	94	106	–	28	35
250	A23	305	–	380	445	117	152	140	42	60
250	A31	380	–	420	510	144	152	215	51	69
300	A31	380	–	460	550	144	152	215	64	86
300	A32	380	395	460	550	144	152	–	70	92
350	A32	380	395	505	590	144	152	–	84	140
400	A32	380	395	560	645	144	152	–	113	–
400	A33	470	–	560	645	185	230	215	120	–
500	A41	550	–	670	795	210	230	315	226	–
500	A42	545	560	670	795	210	230	–	241	–

Actuator type A-SC/SO

DN	Type	H	K	N	O	P	R	W	Weight MTV	Weight MTVL
80	A23-X	415	–	255	320	117	152	140	22	24
100	A24-X	415	420	270	335	117	152	–	33	39
125	A24-X	415	420	290	355	117	152	–	36	42
150	A24-X	415	420	305	370	117	152	–	38	46
200	A24-X	415	420	335	400	117	152	–	44	51
250	A33-X	660	–	420	510	185	230	215	84	102
300	A33-X	660	–	460	550	185	230	215	97	119
350	A34-X	665	680	505	590	185	230	–	145	202
400	A43-X	920	–	605	730	280	355	315	245	–
500	A44-X	925	935	670	795	280	355	–	365	–

X = SC – Spring to close
X = SO – Spring to open
For units with the positioner type SP405, add 2 kg
For units with the positioner type SPE405, add 3 kg

Datasheet
Pneumatic actuators

Type A - DA	**Double acting actuator**
Type A - SC	**Single acting actuator (spring to close)**
Type A - SO	**Single acting actuator (spring to open)**

- Compact design
- Patented backlash-free torque transmission
- Low friction seals
- Optimized torque curve
- Standardised connections between valve and accessories

SOMAS actuators are designed for optimal function in control and on/off applications. The type A pneumatic actuators are specifically made to fit the SOMAS range of valves. They can also be used with most 90° rotary valves. The A-DA actuator is double acting and the A-SC and A-SO actuators are single acting spring return for fail safe operation.

SOMAS offer a patented backlash-free transmission friction coupling (valid for D≤50) to optimize control performance and eliminate backlash. The actuators are designed to fit valves and accessories with the ISO 5211 and VDI/VDE 3845.

SOMAS actuators have a torque curve corresponding to the torque demand for ball segment, butterfly, and ball valves. Low-friction seals allow for a low starting torque. Single or dual- cylinder units are used depending on the required torque and air supply pressure.

Single acting actuators are optimised according to compact dimensions. The springs are supplied in a cartridge to reduce the risk of injury and to simplify maintenance.

Adjustable travel stops are provided for both open and closed positions.

Actuator selection table for ball segment and butterfly valves (air supply min. 5.5 bar)

Double acting actuator type DA

Actuator Type	KVT/KVX PN 10-25 DN	KVT/KVX PN 50 DN	KVT/KVX PN 100 DN	KVTW/KVXW PN 10-25 DN	KVTF/KVXF PN 10-25 DN	KVTF/KVXF PN 50 DN	VSS PN 10-25 DN	VSS PN 50 DN	MTV [1] PN 10-25 DN
A11-DA	25/2-40	25/2-40				25/2-40			
A13-DA	50	50	25/5-40			50	80		80
A21-DA		65	50	80-100	80-100		100	80	100
A22-DA		80-100	80	150	125	80-100	125-200	100-150	125-200
A23-DA			100				250		250
A31-DA		150		200-250	150-200	150	300	200-250	300
A32-DA	300	200	150		250	200	350-400	300	350-400
A41-DA	350-400	250			300-350	250	450-600	350-400	500
A42-DA	450-500	300			400-500		700-800	500	
A51-DA	600-700						900-1200	600	
A52-DA									

[1] Valid also for MTVL and MTVF
The information will also be found in the data sheet for the actual valve type.

Single acting actuator type SC/SO

Actuator Type	KVT/KVX PN 10-25 DN	KVT/KVX PN 50 DN	KVT/KVX PN 100 DN	KVTW/KVXW PN 10-25 DN	KVTF/KVXF PN 25 DN	KVTF/KVXF PN 50 DN	VSS PN 10-25 DN	VSS PN 50 DN	MTV [1] PN 10-25 DN
A13-SC/SO	25/2-50	25/2-50				25/2-50			
A23-SC/SO	65	65	25/5-50	80-100	80-100		80		80
A24-SC/SO			80	150	125	80-100	100-200	80-100	100-200
A33-SC/SO			100	200-250	150-200	150	250-300	150-200	250-300
A34-SC/SO	300		150		250	200	350	250-300	350
A43-SC	350	250			300-350	250	400-450	350-400	400
A43-SO	350					250	400-450	350-400	400
A44-SC	400-450	300			400		500-600	500	500
A44-SO	400-450	300			400		500-700	500	500

[1] Valid also for MTVL and MTVF
The information will also be found in the data sheet for the actual valve type.
SC = Spring to close
SO = Spring to open

Accessories

To achieve certain functions, the actuators can be fitted with different types of accessories; such as positioners, solenoid valves and limit switches.

SOMAS offer many alternative solutions including mechanical micro switches and different types of solid state proximity switches.

Solenoid valves for on/off applications can be mounted on the actuator.

See data sheet Si-805EN and Si-811EN below section 4 in the SOMAS product catalogue for codes for positioners.

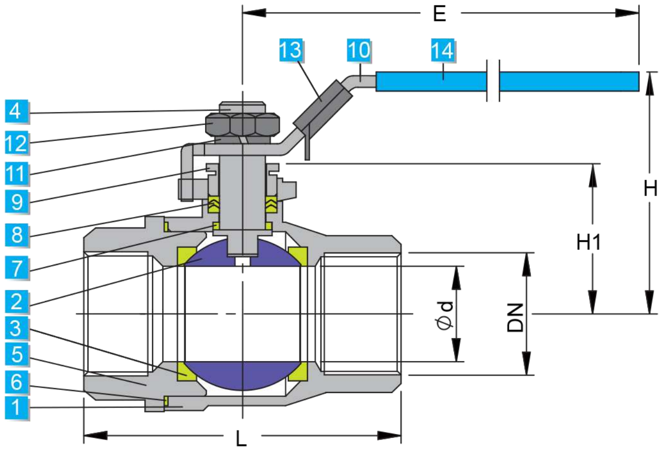
Design options

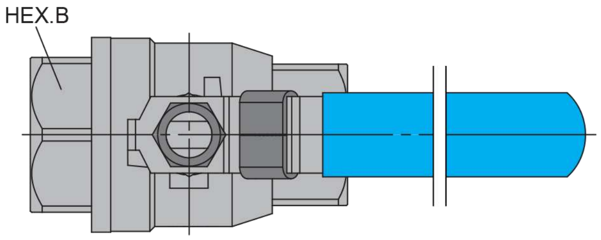
In addition to the standard design the actuators are available in different optional designs according to the information below.

- E = ATEX design
- H = High temperature design
- HM = Hand operated
- LC = Locking device (closed position)
- V = Larger air connections
- X = Special design
- B = Bronze bushing in lever

Standard actuators will be delivered if there are no option codes stated when ordering.

Valvola a sfera filettata FF in acciaio aisi316-microfusa, a passaggio totale.





N	DESCRIPTION	MATERIAL
1	Body	CF8M
2	Ball	CF8M
3	Ball Seat	PTFE
4	Stem	SS316
5	Cap	CF8M
6	Cap Seal	PTFE
7	Thrust Washer	PTFE
8	Stem Packing	PTFE
9	Gland Nut	SS304
10	Handle	SS304
11	Spring Washer	SS304
12	Stem nut	SS304
13	Locking Device	SS301
14	Handle Cover	Plastic

DN	L	Ød	H	H1	E
1/4”	50	11	47	25	105
3/8”	50	12	47	25	105
1/2”	60	15	50	29	105
3/4”	65	20	62	35	120
1”	79	24	71	44	125
1”1/4	91	32	72	46	155
1”1/2	105	38	90	55	185
2”	125	52	98	65	190
2”1/2	155	63	128	81	245
3”	185	75	135	98	290

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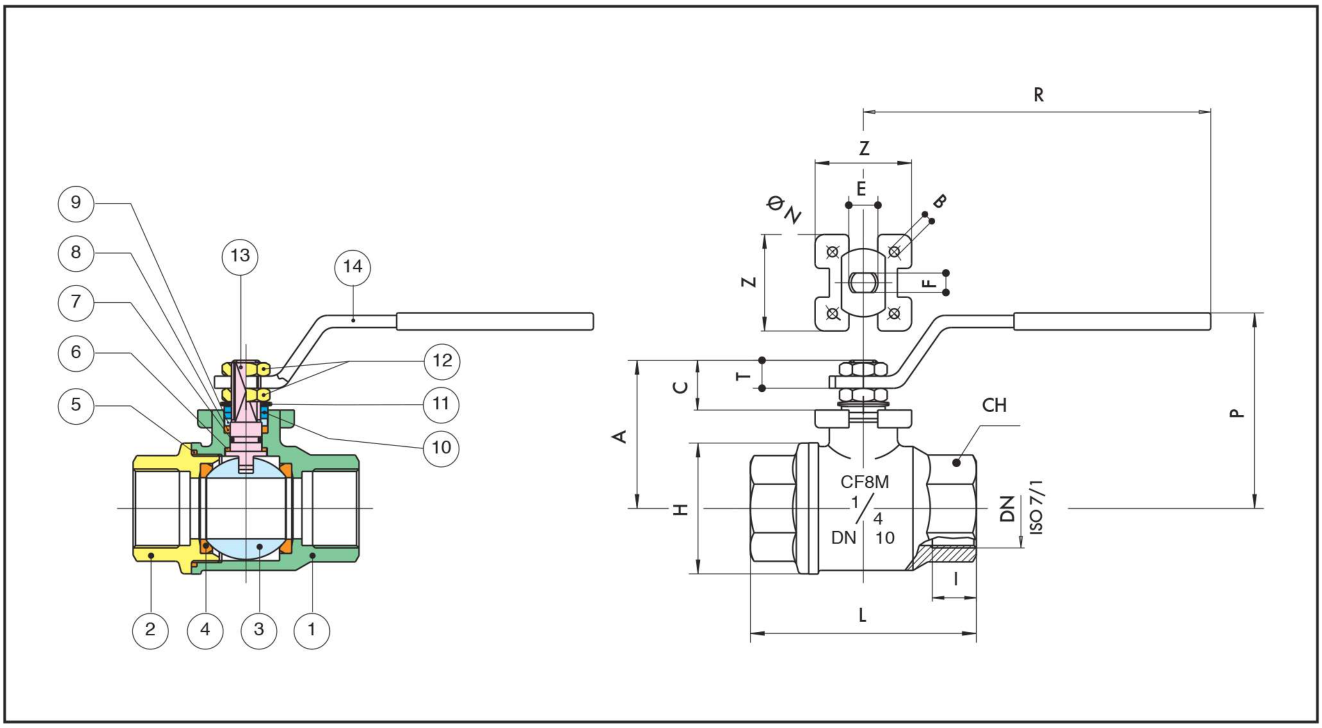
Valvola a sfera filettata FF in acciaio aisi316-CF8M, a passaggio totale.



POS.	DENOMINAZIONE	PART NAME	DESCRIPTION	TEILBENENNUNG	DENOMINACION	MATERIALE-MATERIALS MATERIAUX-WERKSTOFF- MATERIAL		N°P.
1	CORPO	BODY	CORPS	GEHÄEUSE	CUERPO	CF8M		1
2	MANICOTTO	END CONNECTION	MANCHON	MUFFE	TERMINAL	CF8M		1
3	SFERA	BALL	BILLE	KUGEL	BOLA	INOX AISI 316		1
4	GUARNIZIONE SFERA	BALL SEAT	JOINT DE TENUE BILLE	KUGELDICHTUNG	ASIENTO ESFERA	PTFE (TEFLON®)		2
5	GUARNIZIONE	SEAT	JOINT	DICHTUNG	JUNTAS	PTFE (TEFLON®)		1
6	RONDELLA ASTA	THRUST WASHER	RONDELLE DE L'AXE	SPINDELSCHEIBE	EMPAQUETADURA	PTFE (TEFLON®)		1
7	O-RING	RING	O-RING	O-RING	O-RING	FKM (VITON®)		1
8	GUARNIZIONE ASTA	STEM SEAT	JOINT DE L'AXE	SPINDELDICHTUNG	ASIENTO EJE	PTFE (TEFLON®)		1
9	BUSSOLA PREMIGUARNIZIONE	PACKING GLAND	BAGUE DE PRESSE ETOUPE	VORSPANNRING	MANGUITO PRENSAESTOPAS	INOX AISI 303 (1/8"-2")	AVP-9SMNPB36 (2"1/2-4")	1
10	RONDELLA MEZZOGIRO	END STOP	RONDELLE	ANSCHLAGSCHEIBE	ARANDELA MEDIA VUELTA	INOX AISI 430 (1/8" - 2")	UNI 7070 (2"1/2 - 4")	2 | 1
11	MOLLA A TAZZA	SPRING WASHER	RESSORT A' DISQUES	TELLERFEDER	MUELLE CONTENEDOR	UNI 3545 (2"1/2 - 4")		2
12	DADO	NUT	ECROU	MUTTER	TUERCA	INOX AISI 304 (1/8" - 2")	UNI 5771 (2"1/2 - 4")	2
13	ASTA	STEM	TIGE	SPINDEL	EJE	INOX AISI 316		1
14	LEVA	HANDLE	POIGNÉE	HANDHEBEL	PALANCA	INOX AISI 430 (1/8" - 2")	FE 360B (2"1/2 - 4")	1

DN		I	L	H	CH	R	P	A	C	T	E	F	N	B	Z	KV	PN	Kg
1/8"	6	7,4	55,5	30	Es. 22	110,5	50	35	13,5	9	8	5	-	-	-	5	140	0,27
1/4"	8	11	55,5	30	Es. 22	110,5	50	35	13,5	9	8	5	36 F03	5,5	36	5,4	140	0,26
3/8"	10	11,4	55,5	30	Es. 22	110,5	50	35	13,5	9	8	5	36 F03	5,5	36	6	140	0,24
1/2"	15	15	66	36	Es. 27	110,5	53	38	13,5	9	8	5	36 F03	5,5	36	16,3	140	0,32
3/4"	20	16,3	79	45	Es. 32	131,5	68	51	15	10	10	7	42 F04	5,5	42	29,5	105	0,54
1"	25	19,1	93	54	Ott. 41	175	79	60	19,5	12,5	12	8	42 F04	5,5	42	43	105	0,99
1"1/4	32	21,4	100	64	Ott. 50	175	83,5	64,5	19,5	12,5	12	8	42 F04	5,5	42	89	64	1,34
1"1/2	40	21,4	110	80	Ott. 55	250	100	79	24	16,5	16	10	50 F05	6,5	50	230	64	2,14
2"	50	25,7	131	95	Ott. 70	250	107	86	24	16,5	16	10	50 F05	6,5	50	265	64	3,36
2"1/2	65	30,2	159	122	Ott. 90	321,5	127	104	28,5	18,5	20	14	70 F07	6,8	64	540	25	6,40
3"	80	33,3	185	144	Ott. 105	321,5	137,5	114	28	18	20	14	70 F07	6,8	64	873	25	10
4"	100	39,3	222	177	Ott. 130	381,5	156,5	137	34,5	22	24	18	102 F10	8,5	92	1390	25	18,1

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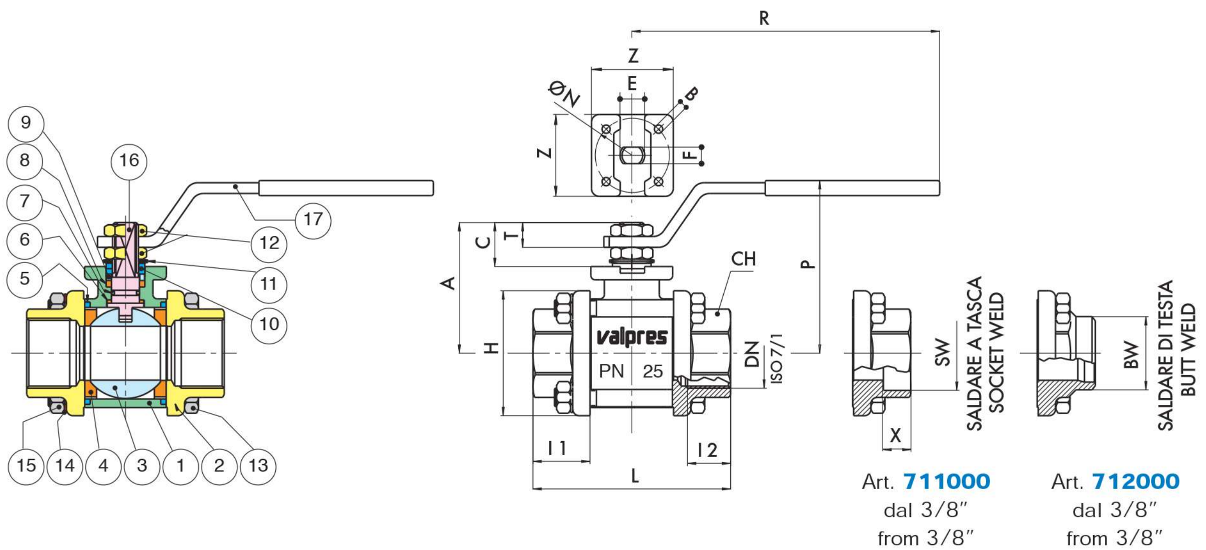
Valvola a sfera in tre pezzi in acciaio aisi316-CF8M, a passaggio totale.

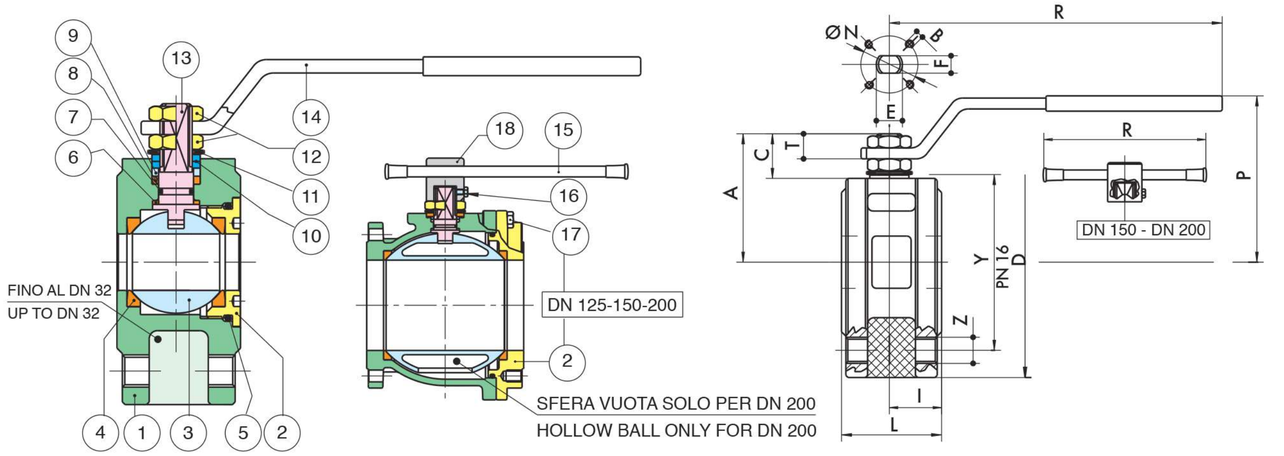


POS.	DENOMINAZIONE	PART NAME	DESCRIPTION	TEILBENENNUNG	DENOMINACION	MATERIALE-MATERIALS MATERIAUX-WERKSTOFF- MATERIAL		N°P.
1	CORPO	BODY	CORPS	GEHÄUSE	CUERPO	CF8M		1
2	MANICOTTO	END CONNECTION	MANCHON	MUFFE	TERMINAL	CF8M		2
3	SFERA	BALL	BILLE	KUGEL	BOLA	INOX AISI 316		1
4	GUARNIZIONE SFERA	BALL SEAT	JOINT DE TENUE BILLE	KUGELDICHTUNG	ASIENTO ESFERA	PTFE (TEFLON®)		2
5	GUARNIZIONE	SEAT	JOINT	DICHTUNG	JUNTAS	PTFE (TEFLON®)		2
6	RONDELLA ASTA	THRUST WASHER	RONDELLE DE L'AXE	SPINDELSCHEIBE	EMPAQUETADURA	PTFE (TEFLON®)		1
7	O-RING	RING	O-RING	O-RING	O-RING	FKM (VITON®)		1
8	GUARNIZIONE ASTA	STEM SEAT	JOINT DE L'AXE	SPINDELDICHTUNG	ASIENTO EJE	PTFE (TEFLON®)		1
9	BUSSOLA PREMIGUARNIZIONE	PACKING GLAND	BAGUE DE PRESSE ETOUPE	VORSPANNRING	MANGUITO PRENSAESTOPAS	INOX AISI 303 (1/4"-2")	AVP-9SMNPB36 (2"1/2-4")	1
10	RONDELLA MEZZOGIRO	END STOP	RONDELLE	ANSCHLAGSCHEIBE	ARANDELA MEDIA VUELTA	INOX AISI 430 (1/4" - 2")	UNI 7070 (2"1/2 - 4")	2 | 1
11	MOLLA A TAZZA	SPRING WASHER	RESSORT A' DISQUES	TELLERFEDER	MUELLE CONTENEDOR	UNI 3545 (2"1/2 - 4")		2
12	DADO	NUT	ECROU	MUTTER	TUERCA	INOX AISI 304 (1/4" - 2")	UNI 5771 (2"1/2 - 4")	2
13	TIRANTE CORPO	BOLT	TIRANTS	ZUGSTANGE	TIRANTE CUERPO	INOX AISI 304 (1/4" - 2")	UNI 7356 (2"1/2 - 4")	4 | 6
14	RONDELLA	WASHER	RONDELLE	UNTERLEGSCHEIBE	ARANDELA	INOX AISI 304 (1/4" - 2")	UNI 3545 (2"1/2 - 4")	4 | 6
15	DADO	NUT	ECROU	MUTTER	TUERCA	INOX AISI 304 (1/4" - 2")	UNI 5771 (2"1/2 - 4")	4 | 6
16	ASTA	STEM	TIGE	SPINDEL	EJE	INOX AISI 316		1
17	LEVA	HANDLE	POIGNÉE	HANDHEBEL	PALANCA	INOX AISI 430 (1/4" - 2")	UNI 7070 (2"1/2 - 4")	1

DN		SW	BW	X	I1	I2	L	H	CH	R	P	A	C	T	E	F	N	B	Z	KV	PN	Kg
1/4"	8	-	-	-	18	11	57	33	Ott. 22	110,5	50	35	13,5	9	8	5	-	-	-	5,4	64	0,28
3/8"	10	18,2	17,1	9,5	18	11,4	57	33	Ott. 22	110,5	50	35	13,5	9	8	5	-	-	-	6	64	0,28
1/2"	15	22,4	21,3	9,5	20,5	15	65	38	Ott. 27	131,5	64	47	15	10	10	7	36 F03	6	36	16,3	64	0,40
3/4"	20	27,7	26,7	11,1	22,5	16,3	76	46,5	Ott. 32	131,5	68	51,5	15	10	10	7	42 F04	5,5	42	29,5	40	0,60
1"	25	34,5	33,4	12,7	27	19,1	92	58	Ott. 41	174,5	78,5	60	19,5	12,5	12	8	42 F04	6	42	43	40	1,10
1"1/4	32	43,2	42,2	14,3	30	21,4	106,5	66,5	Ott. 50	174,5	83,5	64,5	19,5	12,5	12	8	42 F04	5,5	42	89	25	1,50
1"1/2	40	49,5	48,3	15,9	31	21,4	116	76	Ott. 55	250,5	100	79	24	16,5	16	10	50 F05	6,5	50	230	25	2,10
2"	50	62	60,3	17,5	36	25,7	136	90	Ott. 70	250,5	107	86	24	16,5	16	10	50 F05	6,5	50	265	25	3,20
2"1/2	65	76,5	73	20	38,5	30,2	153,5	134	Ø 90	321,5	126,5	103	28	18	20	14	70 F07	M8	64	540	16	8,15
3"	80	89,5	88,9	20	43	33,3	180	161	Ø 105	321,5	137,5	114	28	18	20	14	70 F07	M8	64	873	16	12,8
4"	100	115	114,3	20	50	39,3	217	190	Ø 130	381,5	156,5	137	34,5	22	24	18	102 F10	M10	92	1390	16	21,5

Valvola a sfera flangiata PN16 in acciaio aisi316-CF8M, a passaggio totale.

su richiesta valv con corpo acc carbonio e valv. flangiate PN40



• = D Max ingombro 400 mm
• = D Max Diameters admitted 400 mm

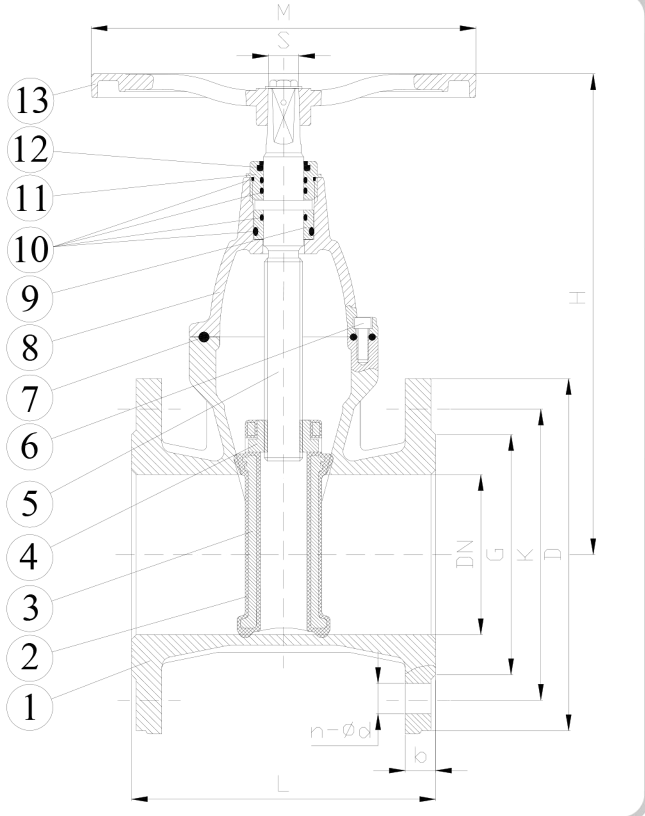
POS.	DENOMINAZIONE	PART NAME	DESCRIPTION	TEILBENENNUNG	DENOMINACION	MATERIALE-MATERIALS MATERIAUX-WERKSTOFF- MATERIAL	N°P.
1	CORPO	BODY	CORPS	GEHÄUSE	CUERPO	INOX AISI 316 - CF8M	1
2	GHIERA	END CONNECTION	RACCORD	RING	TERMINAL	INOX AISI 316	1
3	SFERA	BALL	BILLE	KUGEL	BOLA	INOX AISI 316	1
4	GUARNIZIONE SFERA	BALL SEAT	JOINT DE TENUE BILLE	KUGELDICHTUNG	ASIENTO ESFERA	PTFE (TEFLON®)	2
5	O-RING	RING	O-RING	O-RING	O-RING	FKM (VITON®)	1
6	RONDELLA ASTA	THRUST WASHER	RONDELLE DE L'AXE	SPINDELSCHEIBE	EMPAQUETADURA	PTFE (TEFLON®)	1
7	O-RING	RING	O-RING	O-RING	O-RING	FKM (VITON®)	1
8	GUARNIZIONE ASTA	STEM SEAT	JOINT DE L'AXE	SPINDELDICHTUNG	ASIENTO EJE	PTFE (TEFLON®)	1
9	BUSSOLA PREMIGUARN.	PACKING GLAND	BAGUE DE PRESSE ETOUPE	VORSPANNRING	MANGUITO PRENSAESTOPAS	AVP-9SMnPb36	1
10	RONDELLA MEZZOGIRO	END STOP	RONDELLE	ANSCHLAGSCHEIBE	ARANDELA MEDIAVUELTA	INOX AISI 430 (DN10-50) | UNI 7070 (DN65-200)	2 | 1
11	MOLLA A TAZZA	SPRING WASHER	RESSORT A' DISQUES	TELLERFEDER	MUELLE CONTENEDOR	UNI 3545	2
12	DADO	NUT	ECROU	MUTTER	TUERCA	UNI 5771	2
13	ASTA	STEM	TIGE	SPINDEL	EJE	INOX AISI 316	1
14	LEVA	HANDLE	POIGNÉE	HANDHEBEL	PALANCA	UNI 7070	1
15	LEVA DN 150-200	HANDLE DN 150-200	POIGNÉE DN 150-200	HANDHEBEL DN 150-200	PALANCA DN150-200	UNI 7230	1
16	VITE	SCREW	VIS	SCHARAUBE	TORNILLO	UNI 7356	1
17	VITE	SCREW	VIS	SCHARAUBE	TORNILLO	UNI 7356	8-12
18	CORPO LEVA DN 150-200	BODY HANDLE DN 150-200	CORPS POIGNÉE DN 150-200	HEBEL DN 150-200	CUERPO PALANCA DN150-200	G250 UNI 5007	1

DN		D	Y	Z	I	L	R	P	A	C	T	E	F	N	B	KV	PN	Kg
1/2"	15	90	65	4xM12	19	35	131,5	64,5	47	15,5	9	10	7	32	4xM5	16,3	16	1,3
3/4"	20	100	75	4xM12	20	40	131,5	69	51,5	15,5	9	10	7	32	4xM5	29,5	16	1,9
1"	25	110	85	4xM12	24	46	174,5	80,5	61	19,5	11,5	12	8	42 F04	4xM5	43	16	2,7
1"1/4	32	130	100	4xM16	28	54	174,5	84,5	64,5	16,5	11,5	12	8	42 F04	4xM5	89	16	4,2
1"1/2	40	150	110	4xM16	31,75	63,5	250,5	102,5	78	24,5	13	16	10	50 F05	4xM6	230	16	4,2
2"	50	165	125	4xM16	41	82	250,5	111	87	25	13,5	16	10	50 F05	4xM6	265	16	6,1
2"1/2	65	185	145	4xM16	51,5	103	321,5	128	104,5	28	18	20	14	70 F07	4xM8	540	16	10
3"	80	200	160	8xM16	61	122	321,5	138,5	115	28	18	20	14	70 F07	4xM8	873	16	13,5
4"	100	220	180	8xM16	76	152	381,5	156,5	137	34,5	22	24	18	102 F10	4xM10	1390	16	20,9
5"	125	250	210	8xM16	98	196	381,5	178,5	159	34	22	24	18	102 F10	4xM10	1707	16	37,5
6"	150	285	240	8xM20	116	232	700	237	201,5	51,5	30	42	30	125 F12	4xM12	2024	16	61,5
8"	200	340•	295	12xM20	158,5	317	700	280	245	51,5	30	42	30	125 F12	4xM12	2720	16	102

Saracinesca Cuneo Gommato PN10/16 Corpo Piatto

APPLICAZIONE:
Fornitura e distribuzione acqua, trattamento acque reflue e sistemi fognari, settori industriali.

APPLICATION:
Water supply and distribution, waste water treatment and sewerage.



NORMA PROGETTO:	EN 1171 EN 1074-1 ed EN 1074-2
SCARTAMENTO:	EN 558-1 Serie14
FLANGE:	EN 1092-2
COLLAUDI:	EN 12266
TEMP. ESERCIZIO:	EPDM ≤ 70°C
DESIGN STANDARD:	*EN 1171* *EN 1074-1 and EN 1074-2*
FACE TO FACE:	*EN 558-1 Series14*
FLANGES:	*EN 1092-2*
TESTS:	*EN 12266*
WORKING TEMP.:	*EPDM ≤ 70°C*

	DENOMINAZIONE *PART*	*MATERIALI* *MATERIALS*
1	**CORPO** ***BODY***	GJS 500 *GJS 500*
2	**RIVESTIMENTO CUNEO** ***WEDGE***	GOMMA EPDM *EPDM COATED*
3	**STRUTT. CUNEO** ***CORE***	GJS 500 *GJS 500*
4	**MADREVITE** ***STEM NUT***	BRONZO ALLUMINIO *ALUMINIUM BRONZE*
5	**ASSE** ***STEM***	ACCIAIO INOX AISI 420 *STAINLESS STEEL AISI 420*
6	**VITE** ***SCREW***	ACCIAIO ZINCATO *GALVANIZED STEEL*
7	**GUARNIZIONE** ***GASKET***	EPDM *EPDM*
8	**CAPPELLO** ***BONNET***	GJS 500 *GJS 500*
9	**BOCCOLA** ***BUSHING***	POM *POM*
10	**O-RING** ***O-RING***	NBR *NBR*
11	**BOCCOLA DI TENUTA** ***PACKING GLAND***	OTTONE *BRASS*
12	**PARAPOLVERE** ***DUSTPROOF***	NBR *NBR*
13	**VOLANTINO** ***HANDWHEEL***	GJS 500 *GJS 500*

DN	G	K		D		L	H	n-ød		b	M	S	W (kg)
		PN10	PN16	PN10	PN16			PN10	PN16				
40	84	110	110	150	150	140	203	4-19	4-19	19	200	14	8
50	98	125	125	165	165	150	205	4-19	4-19	19	200	14	9
65	118	145	145	185	185	170	225	4-19	4-19	19	200	17	12
80	132	160	160	200	200	180	250	4-19	8-19	19	200	17	14
100	156	180	180	220	220	190	292	8-19	8-19	19	250	19	20
125	184	210	210	250	250	200	329	8-19	8-19	19	250	19	24
150	211	240	240	285	285	210	379	8-23	8-23	19	350	19	33
200	266	295	295	340	340	230	482	8-23	12-23	20	350	24	51
250	319	350	355	395	405	250	560	12-23	12-28	22	500	27	78
300	370	400	410	445	460	270	636	12-23	12-28	24.5	500	27	108

RIVESTIMENTO ESTERNO/INTERNO: Polvere epossidica 3M di colore BLU RAL 5015 con spessore min 250µm.
SURFACE PROTECTION: *FBE coating process with 3M epoxy resin powder of sky blue color RAL 5015 and minimun thickness of 250µm.*

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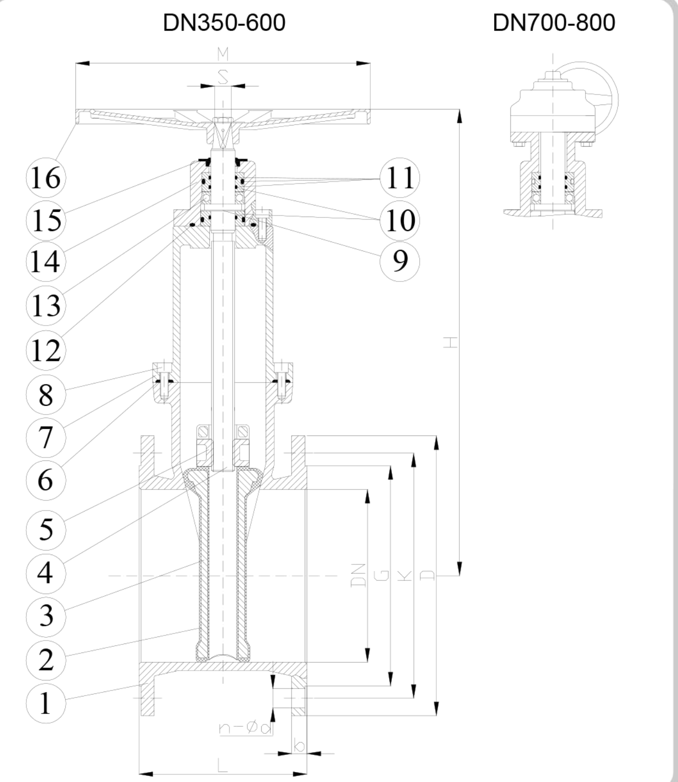
Saracinesca Cuneo Gommato PN10/16 Corpo Piatto

APPLICAZIONE:
Fornitura e distribuzione acqua, trattamento acque reflue e sistemi fognari, settori industriali.

APPLICATION:
Water supply and distribution, waste water treatment and sewerage.



NORMA PROGETTO:	EN 1171 EN 1074-1 ed EN 1074-2
SCARTAMENTO:	EN 558-1 Serie14
FLANGE:	EN 1092-2
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TEMP. ESERCIZIO:	EPDM ≤ 70°C
DESIGN STANDARD:	*EN 1171* *EN 1074-1 and EN 1074-2*
FACE TO FACE:	*EN 558-1 Series14*
FLANGES:	*EN 1092-2*
TESTS:	*EN 12266*
WORKING TEMP.:	*EPDM ≤ 70°C*

	DENOMINAZIONE *PART*	MATERIALI *MATERIALS*
1	**CORPO** ***BODY***	GJS 500 *GJS 500*
2	**RIVESTIMENTO CUNEO** ***WEDGE***	GOMMA EPDM *EPDM COATED*
3	**STRUTT. CUNEO** ***CORE***	GJS 500 *GJS 500*
4	**ASSE** ***STEM***	ACCIAIO INOX AISI 420 *STAINLESS STEEL AISI 420*
5	**MADREVITE** ***STEM NUT***	BRONZO ALLUMINIO *ALUMINIUM BRONZE*
6	**GUARNIZIONE** ***GASKET***	GOMMA EPDM *EPDM RUBBER*
7	**CAPPELLO** ***BONNET***	GJS 500 *GJS 500*
8	**VITE** ***SCREW***	ACCIAIO ZINCATO *GALVANIZED STEEL*
9	**RONDELLA (DN500-800)** ***WASHER (DN500-800)***	POM *POM*
10	**BOCCOLA DI TENUTA** ***O-RING PACKING PLATE***	BRONZO *BRONZE*
11	**O-RING** ***O-RING***	GOMMA NBR *NBR RUBBER*
12	**O-RING** ***O-RING***	GOMMA NBR *NBR RUBBER*
13	**CUSCINETTO** ***BEARING***	— —
14	**COPERCHIO** ***COVER***	GJS 500 *GJS 500*
15	**PARAPOLVERE** ***DUSTPROOF***	GOMMA NBR *NBR RUBBER*
16	**VOLANTINO** ***HANDWHEEL***	GJS 500 *GJS 500*

DN	PN	G	K	D	L	H	n-ød	b	M	S	W(kg)
350	10	429	460	505	290	845	16-23	24.5	500	27	184
	16	429	470	520	290	845	16-28	26.5	500	27	192
400	10	480	515	565	310	975	16-28	24.5	640	32	267
	16	489	525	580	310	975	16-31	28	640	32	278
450	10	530	565	615	330	1080	20-28	25.5	800	32	330
	16	548	585	640	330	1080	20-31	30	800	32	355
500	10	582	620	670	350	1120	20-28	26.5	800	36	391
	16	609	650	715	350	1120	20-34	31.5	800	36	411
600	10	682	725	780	390	1330	20-31	30	800	41	652
	16	720	770	840	390	1330	20-37	36	800	41	679
700*	10	794	840	895	430	1450	24-31	32.5	-	-	821
	16	794	840	910	430	1450	24-37	39.5	-	-	836
800*	10	901	950	1015	470	1640	24-34	35	-	-	1250
	16	901	950	1025	470	1640	24-41	43	-	-	1269

*Con **RIDUTTORE** - *With ***GEAR BOX***

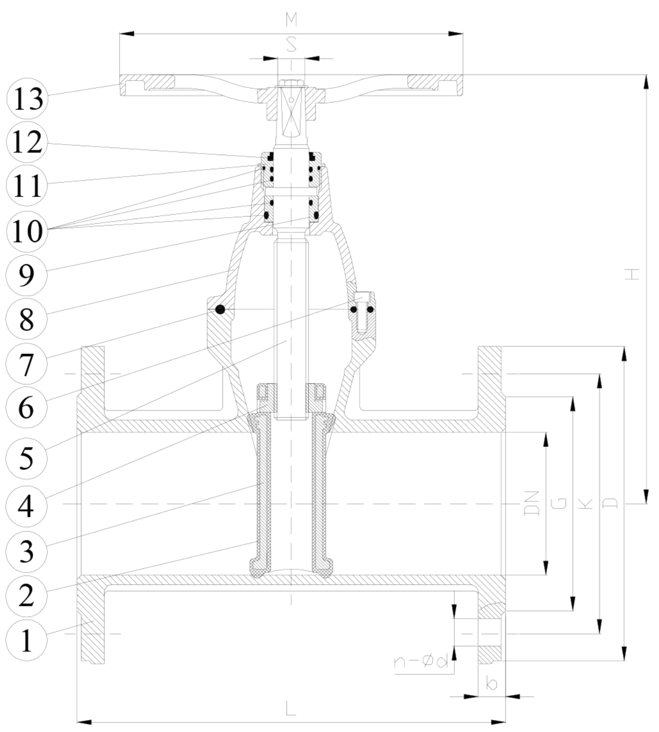
RIVESTIMENTO ESTERNO/INTERNO: Polvere epossidica 3M di colore BLU RAL 5015 con spessore min 250µm.
SURFACE PROTECTION: *FBE coating process with 3M epoxy resin powder of sky blue color RAL 5015 and minimun thickness of 250µm.*

di marco
FORNITURE INDUSTRIALI

Saracinesca Cuneo Gommato PN10/16 Corpo Ovale

APPLICAZIONE:
Fornitura e distribuzione acqua, trattamento acque reflue e sistemi fognari, settori industriali.

APPLICATION:
Water supply and distribution, waste water treatment and sewerage.



NORMA PROGETTO:	EN 1171 EN 1074-1 ed EN 1074-2
SCARTAMENTO:	EN 558-1 Serie15
FLANGE:	EN 1092-2
COLLAUDI:	EN 12266
TEMP. ESERCIZIO:	EPDM ≤ 70°C
DESIGN STANDARD:	*EN 1171* *EN 1074-1 and EN 1074-2*
FACE TO FACE:	*EN 558-1 Series15*
FLANGES:	*EN 1092-2*
TESTS:	*EN 12266*
WORKING TEMP.:	*EPDM ≤ 70°C*

	DENOMINAZIONE *PART*	*MATERIALI* *MATERIALS*
1	**CORPO** ***BODY***	GJS 500 *GJS 500*
2	**RIVESTIMENTO CUNEO** ***WEDGE***	GOMMA EPDM *EPDM COATED*
3	**STRUTT. CUNEO** ***CORE***	GJS 500 *GJS 500*
4	**MADREVITE** ***STEM NUT***	BRONZO ALLUMINIO *ALUMINIUM BRONZE*
5	**ASSE** ***STEM***	ACCIAIO INOX AISI 420 *STAINLESS STEEL AISI 420*
6	**VITE** ***SCREW***	ACCIAIO ZINCATO *GALVANIZED STEEL*
7	**GUARNIZIONE** ***GASKET***	EPDM *EPDM*
8	**CAPPELLO** ***BONNET***	GJS 500 *GJS 500*
9	**BOCCOLA** ***BUSHING***	POM *POM*
10	**O-RING** ***O-RING***	NBR *NBR*
11	**BOCCOLA DI TENUTA** ***PACKING GLAND***	OTTONE *BRASS*
12	**PARAPOLVERE** ***DUSTPROOF***	NBR *NBR*
13	**VOLANTINO** ***HANDWHEEL***	GJS 500 *GJS 500*

DN	G	K		D		L	H	n-ød		b	M	S	W
		PN10	PN16	PN10	PN16			PN10	PN16				(kg)
40	84	110	110	150	150	240	203	4-19	4-19	19	200	14	9
50	98	125	125	165	165	250	205	4-19	4-19	19	200	14	10.5
65	118	145	145	185	185	270	225	4-19	4-19	19	200	17	13.5
80	132	160	160	200	200	280	250	4-19	8-19	19	200	17	15.5
100	156	180	180	220	220	300	292	8-19	8-19	19	250	19	22
125	184	210	210	250	250	325	329	8-19	8-19	19	250	19	26
150	211	240	240	285	285	350	379	8-23	8-23	19	350	19	37
200	266	295	295	340	340	400	482	8-23	12-23	20	350	24	59
250	319	350	355	395	405	450	560	12-23	12-28	22	500	27	90
300	370	400	410	445	460	500	636	12-23	12-28	24.5	500	27	126

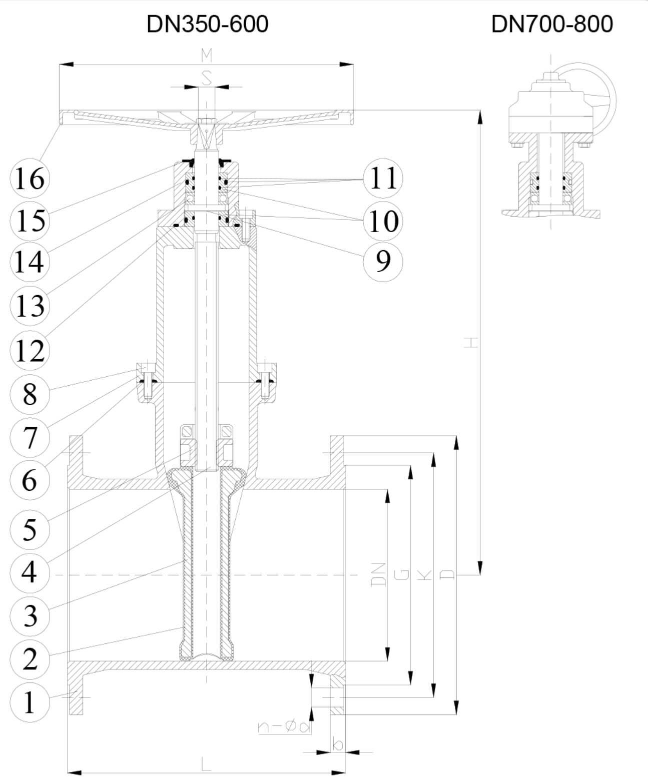
RIVESTIMENTO ESTERNO/INTERNO: Polvere epossidica 3M di colore BLU RAL 5015 con spessore min 250µm.
SURFACE PROTECTION: *FBE coating process with 3M epoxy resin powder of sky blue color RAL 5015 and minimun thickness of 250µm.*

di marco
FORNITURE INDUSTRIALI

Saracinesca Cuneo Gommato PN10/16 Corpo Ovale

APPLICAZIONE:
Fornitura e distribuzione acqua, trattamento acque reflue e sistemi fognari, settori industriali.

APPLICATION:
Water supply and distribution, waste water treatment and sewerage.



NORMA PROGETTO:	EN 1171 EN 1074-1 ed EN 1074-2
SCARTAMENTO:	EN 558-1 Serie15
FLANGE:	EN 1092-2
COLLAUDI:	EN 12266
TEMP. ESERCIZIO:	EPDM ≤ 70°C
DESIGN STANDARD:	*EN 1171* *EN 1074-1 and EN 1074-2*
FACE TO FACE:	*EN 558-1 Series15*
FLANGES:	*EN 1092-2*
TESTS:	*EN 12266*
WORKING TEMP.:	*EPDM ≤ 70°C*

	DENOMINAZIONE *PART*	MATERIALI *MATERIALS*
1	CORPO *BODY*	GJS 500 *GJS 500*
2	RIVESTIMENTO CUNEO *WEDGE*	GOMMA EPDM *EPDM COATED*
3	STRUTT. CUNEO *CORE*	GJS 500 *GJS 500*
4	ASSE *STEM*	ACCIAIO INOX AISI 420 *STAINLESS STEEL AISI 420*
5	MADREVITE *STEM NUT*	BRONZO ALLUMINIO *ALUMINIUM BRONZE*
6	GUARNIZIONE *GASKET*	GOMMA EPDM *EPDM RUBBER*
7	CAPPELLO *BONNET*	GJS 500 *GJS 500*
8	VITE *SCREW*	ACCIAIO ZINCATO *GALVANIZED STEEL*
9	RONDELLA (DN500-800) *WASHER (DN500-800)*	POM *POM*
10	BOCCOLA DI TENUTA *O-RING PACKING PLATE*	BRONZO *BRONZE*
11	O-RING *O-RING*	GOMMA NBR *NBR RUBBER*
12	O-RING *O-RING*	GOMMA NBR *NBR RUBBER*
13	CUSCINETTO *BEARING*	— —
14	COPERCHIO *COVER*	GJS 500 *GJS 500*
15	PARAPOLVERE *DUSTPROOF*	GOMMA NBR *NBR RUBBER*
16	VOLANTINO *HANDWHEEL*	GJS 500 *GJS 500*

DN	PN	G	K	D	L	H	n-ød	b	M	S	W(kg)
350	10	429	460	505	550	845	16-23	24.5	500	27	209
	16	429	470	520	550	845	16-28	26.5	500	27	220
400	10	480	515	565	600	975	16-28	24.5	640	32	299
	16	489	525	580	600	975	16-31	28	640	32	310
450	10	530	565	615	650	1080	20-28	25.5	800	32	400
	16	548	585	640	650	1080	20-31	30	800	32	410
500	10	582	620	670	700	1120	20-28	26.5	800	36	447
	16	609	650	715	700	1120	20-34	31.5	800	36	467
600	10	682	725	780	800	1330	20-31	30	800	41	749
	16	720	770	840	800	1330	20-37	36	800	41	776
700*	10	794	840	895	900	1450	24-31	32.5	-	-	973
	16	794	840	910	900	1450	24-37	39.5	-	-	988
800*	10	901	950	1015	1000	1640	24-34	35	-	-	1465
	16	901	950	1025	1000	1640	24-41	43	-	-	1484

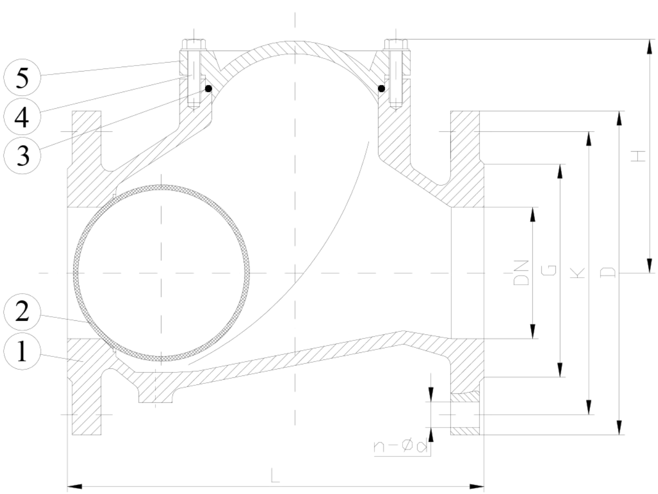
*Con **RIDUTTORE** - *With ***GEAR BOX***

RIVESTIMENTO ESTERNO/INTERNO: Polvere epossidica 3M di colore BLU RAL 5015 con spessore min 250µm.
SURFACE PROTECTION: *FBE coating process with 3M epoxy resin powder of sky blue color RAL 5015 and minimun thickness of 250µm.*

Valvola di Ritegno a Palla Flangiata PN10/16

APPLICAZIONE:
Sistemi di pompaggio per acqua, liquidi viscosi, densi ed aggressivi.

APPLICATION:
Pumping station for clean and sewage water or viscous fluids.



NORMA PROGETTO:	EN 1074-3
SCARTAMENTO:	EN 558-1 Serie48
FLANGE:	EN 1092-2
COLLAUDI:	EN 12266
TEMP. ESERCIZO:	Min -10°C /Max + 80°C
PRESSIONE ESERCIZIO:	Min 0,3/0,5 bar
DESIGN STANDARD:	*EN 1074-3*
FACE TO FACE:	*EN 558-1 Series48*
FLANGES:	*EN 1092-2*
TESTS:	*EN 12266*
WORKING TEMP.:	*Min -10°C /Max + 80°C*
WORKING PRESSURE:	*Min* 0,3/0,5 bar

DN	G	K		D		n-ød		L	H	W (kg)
		PN10	PN16	PN10	PN16	PN10	PN16			
50	98	125	125	165	165	4-19	4-19	200	106	7.7
65	118	145	145	185	185	4-19	4-19	240	129	11.2
80	132	160	160	200	200	4-19	8-19	260	146	15.4
100	156	180	180	220	220	8-19	8-19	300	194	22
125	184	210	210	250	250	8-19	8-19	350	207	33
150	211	240	240	285	285	8-23	8-23	400	240	45
200	260	295	295	340	340	8-23	12-23	500	322	90
250	319	350	355	395	405	12-23	12-28	600	388	163
300	370	400	410	445	460	12-23	12-28	700	458	230
350	429	460	470	505	520	16-23	16-28	800	580	290
400	480	515	525	565	580	16-28	16-31	900	730	450
500	582	620	650	670	715	20-28	20-34	1100	900	760

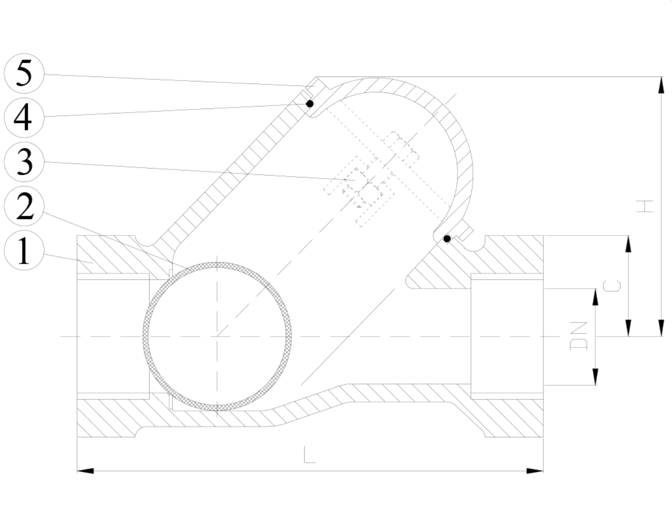
	DENOMINAZIONE ***PART***	MATERIALI ***MATERIALS***
1	**CORPO** ***BODY***	GJS 400 *GJS 400*
2	**PALLA** ***BALL***	ALLUMINIO+NBR (DN50-150) ACCIAIO+NBR (DN200-300) GJS400+NBR (DN350-400) POLIURETANO (DN500) *ALUMINIUM+NBR* (DN50-150) *STEEL+NBR* (DN200-300) *GJS400+NBR* (DN350-400) *POLYURETHANE* (DN500)
3	**COPERCHIO** ***BONNET***	GJS 400 *GJS 400*
4	**VITE** ***BOLT***	ACCIAIO INOX *STAINLESS STEEL*
5	**GUARNIZIONE** ***GASKET***	NBR *NBR*

RIVESTIMENTO ESTERNO/INTERNO: Polvere epossidica di colore blu RAL 5005 con spessore min 200μm.
SURFACE PROTECTION: *FBE coating process with epoxy resin powder of sky blue color RAL 5005 and minimum thickness of 200μm.*

Valvola di Ritegno a Palla Filettata PN16

APPLICAZIONE:
Sistemi di pompaggio per acqua, liquidi viscosi, densi ed aggressivi.

APPLICATION:
Pumping station for clean and sewage water or viscous fluids.



ESTREMITA' FILETTATE F/F GAS STANDARD	
NORMA PROGETTO:	EN 1074-3
TEMP. ESERCIZIO:	Min -10°C /Max + 80°C
PRESSIONE ESERCIZIO:	Min 0,3/0,5 bar
GAS STANDARD THREADED ENDS	
DESIGN STANDARD:	*EN 1074-3*
WORKING TEMP.:	*Min -10°C /Max + 80°C*
WORKING PRESSURE:	*Min 0,3/0,5 bar*

Dim (Inch)	DN	L	H	C	W (kg)
1	25	125	78	47	1.3
1 1/4	32	132	81	59	1.7
1 1/2	40	145	97	68	2.6
2	50	174	118	82	4.2
2 1/2	65	200	128	104	5.5
3	80	243	160	146	10

	DENOMINAZIONE *PART*	MATERIALI *MATERIALS*
1	**CORPO** ***BODY***	GJS 400 *GJS 400*
2	**PALLA** ***BALL***	ALLUMINIO + NBR *ALUMINIUM + NBR*
3	**VITE** ***BOLT***	ACCIAIO INOX *STAINLESS STEEL*
4	**GUARNIZIONE** ***GASKET***	GOMMA NBR *NBR RUBBER*
5	**COPERCHIO** ***BONNET***	GJS 400 *GJS 400*

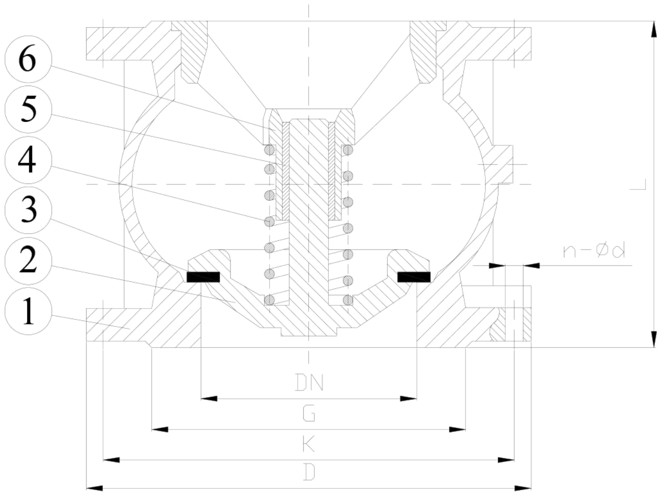
RIVESTIMENTO ESTERNO/INTERNO: Polvere epossidica di colore blu RAL 5005 con spessore min 200µm.
SURFACE PROTECTION: *FBE coating process with epoxy resin powder of sky blue color RAL 5005 and minimum thickness of 200µm.*

di marco
FORNITURE INDUSTRIALI

Valvola di Ritegno Assiale Flangiata PN10/16

APPLICAZIONE:
Stazioni di pompaggio per acqua, irrigazione e depurazione acque.

APPLICATION:
Pumping stations and networks for clean water distribution, irrigation and water treatment.



NORMA PROGETTO:	EN 1074-3
FLANGE:	EN1092-2
COLLAUDI:	EN 12266
TEMP. ESERCIZIO:	Min -10°C/Max+70°C
PRESSIONE ESERCIZIO:	Min 0,3 bar
DESIGN STANDARD:	*EN 1074-3*
FLANGES:	*EN1092-2*
TESTS:	*EN 12266*
WORKING TEMP.:	*Min -10°C/Max+70°C*
WORKING PRESSURE:	*Min 0,3 bar*

	DENOMINAZIONE *PART*	MATERIALI *MATERIALS*
1	CORPO *BODY*	GJL 250 *GJL 250*
2	DISCO *DISC*	GJS 400 *GJS 400*
3	GUARNIZIONE *SEAL*	EPDM *EPDM*
4	MOLLA *SPRING*	ACCIAIO INOX *STAINLESS STEEL*
5	GUIDA *GUIDE*	OTTONE *BRASS*
6	GUIDA *GUIDE*	GJS 400 *GJS 400*

DN	PN	G	K	D	n-ød	L	W(kg)
50	16	98	125	165	4-19	100	5.7
65	16	118	145	185	4-19	120	8.7
80	10	132	160	200	4-19	140	10.8
	16	132	160	200	8-19	140	10.8
100	16	156	180	220	8-19	170	13.5
125	16	184	210	250	8-19	200	21
150	16	211	240	285	8-23	230	30
200	10	260	295	340	8-23	300	49
	16	260	295	340	12-23	300	49
250	10	319	350	405	12-23	370	73.3
	16	319	355	405	12-28	370	73.3
300	10	370	400	445	12-23	410	90
	16	370	410	460	12-28	410	90

RIVESTIMENTO ESTERNO/INTERNO: Polvere epossidica di colore blu RAL 5005 con spessore min 200µm.
SURFACE PROTECTION: *FBE coating process with epoxy resin powder of sky blue color RAL 5005 and minimum thickness of 200µm.*

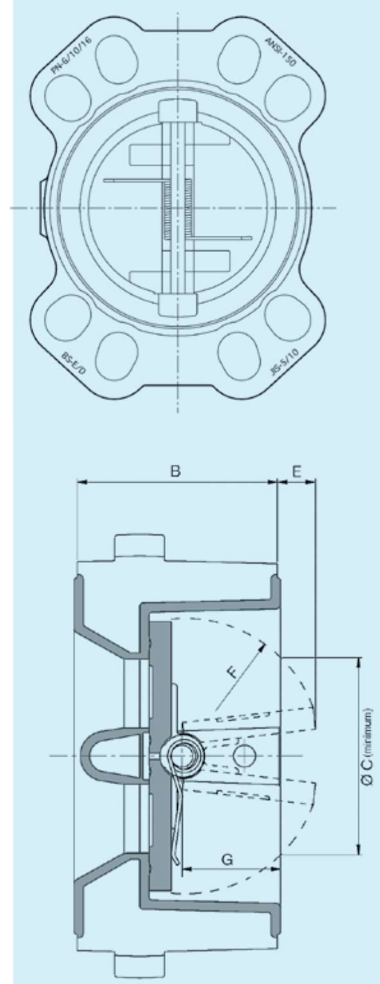
Valvole a doppio battente

Modello EMG

Caratteristiche

Scartamento ridotto in accordo alle DIN 3202 K3
Asole di centraggio idonea per l'installazione tra flange PN6 , PN10, PN16, ANSI150, BS tabella E / D, JIS 5K/10K.
Pressione massima di esercizio 16 bar.
Per pressioni più elevate, sono disponibili le nostre doppio battente modello C e il modello B.
La minima pressione di ritorno per garantire la tenuta stagna è 0,5 bar
Interno completamente rivestito con NBR o EPDM.

Parti interne intercambiabili, semplice sostituzione di battenti, albero e molla.
Non richiede l'uso di guarnizioni.
Nessun foro esterno o spine nel corpo.
Protetto da verniciatura a polver e epossidica blu.
La temperatura massima di esercizio dipende dal materiale scelto.
Vedere pagine 18 e 19 per una corretta installazione.



Materiali

Codice	Corpo	Battente	Alberi	Molle	Spine	Tenuta
105	GG-25	AISI-316	AISI-304	AISI-302	AISI-316	NBR
701	GG-25	AISI-316	AISI-304	AISI-302	AISI-316	EPDM
177	GGG-40	AISI-316	AISI-304	AISI-302	AISI-316	NBR
718	GGG-40	AISI-316	AISI-304	AISI-302	AISI-316	EPDM

Nota: I codici 177 e 718 dal DN40 al DN 65
I codici 105 e 701 dal DN80 al DN 300
Altri materiali su richiesta

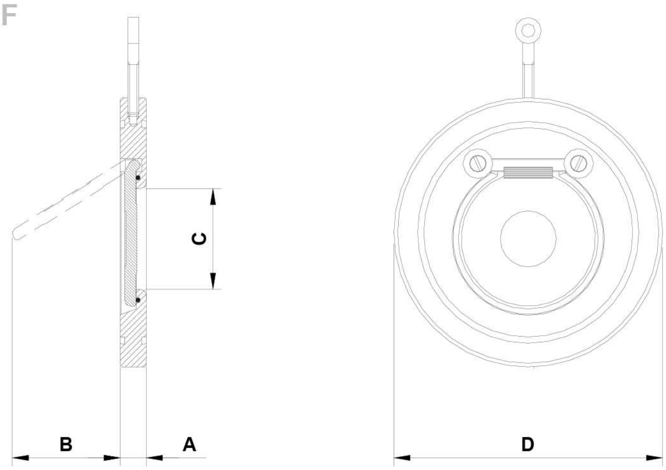
Scartamenti

DN (mm)	DN (pollici)	B	C	E	F	G
40	1 1/2	33	43	8	23,5	15
50	2	43	49	10	29	21
65	2 1/2	46	64	14	35,5	22
80	3	64	70	11	42	30
100	4	64	91	21	51,5	30
125	5	70	125	38	66	32
150	6	76	148	47	77	32
200	8	89	200	64	101	35
250	10	114	240	78	129	48
300	12	114	300	103	158	50

Valvola di Ritegno a Clapet

DATI TECNICI

- esecuzione wafer
- scartamento e peso ridotti
- basse perdite di carico
- facile installazione e manutenzione
- materiali disponibili : Acciaio al carbonio, AISI 316,
- adatte per flange UNI PN 6, 10, 16, 25 e ANSI 150 RF



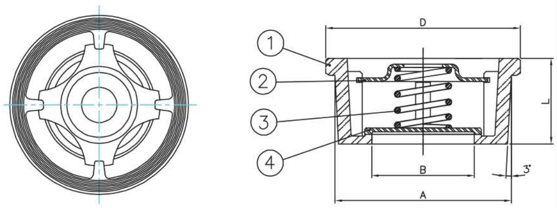
DN		A	B	C	D PN 6	D PN10	D PN16	D PN25	D ANSI 150	WT PN10
mm	inch									Kg
32	1"¼	14	20	17	78	84	84	84	76	0,6
40	1"½	14	30	22	88	95	95	95	86	0,7
50	2"	14	35	32	98	109	109	109	105	0,9
65	2"½	14	48	40	118	129	129	129	124	1,2
80	3"	14	60	54	134	144	144	144	137	1,5
100	4"	18	78	70	154	164	164	170	175	2,4
125	5"	18	98	92	184	195	195	198	195	3,4
150	6"	20	117	112	209	220	220	228	220	4,6
200	8"	22	160	154	264	275	275	285	279	7,5
250	10"	26	200	200	319	330	330	340	340	13,1
300	12"	32	235	240	375	380	387	403	410	20,4
350	14"	38	258	270	425	440	448	460	448	32,0
400	16"	44	300	310	475	490	495	514	514	48,0
450	18"	50	331	360	530	540	557	567	548	63,0
500	20"	56	268	405	580	595	617	624	605	87,0
600	24"	62	435	486	680	695	734	731	715	130,0

Valvola di Ritegno a Molla

dati tecnici

- esecuzione wafer
- autocentranti
- basse perdite di carico
- facile installazione e manutenzione
- possono essere installate su tubazioni verticali con flusso discendente
- scartamenti inaccordo alla din 3202 k4 (DN 15 - DN 2000)

	Componenti Components	**Materiale** Material
1	**Corpo** Body	Acciaio Inox AISI 316 SS 316
2	**Disco porta molla** Spring stopper	Acciaio Inox AISI 316 SS 316
3	**Molla** Spring	Acciaio Inox AISI 316 SS 316
4	**Otturatore** Closing disc	Acciaio Inox AISI 316 SS 316



DN mm	A	B	D PN10-40	L
15	46	15	51	16
20	58	20	63	19
25	60	25	73	22
32	78	32	83	28
40	88	40	93	32
50	102	50	108	40
65	122	65	126	46
80	138	80	142	50
100	162	100	167	60

Idrja

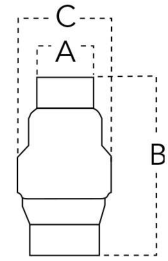
VALVOLE DI RITEGNO IN ACCIAIO INOX STAMPATO
CHECK VALVES FABRICATED FROM PRESSED STAINLESS STEEL

CARATTERISTICHE TECNICHE:
- Lavorazione: acciaio inox stampato
- Corpo e parti metalliche in acciaio inox Aisi 304 o Aisi 316
- Tenuta: NBR, FPM o PTFE *
- Connessioni filettate femmina UNI ISO 228
- Saldature: a TIG senza apporto di materiale
- Pressione di apertura: Min. 0,025 bar Max. 0,035 bar
- Test idraulico: aria compressa a 0,2 bar su ogni valvola
- Pressione nominale di esercizio: 16 bar
- Temperatura di esercizio: -25°C - +90°C (con guarnizione NBR)
  -20°C - +150°C (con guarnizione FPM)
  -20°C - +200°C (con guarnizione PTFE*)
  * Teflon-FEP® con anima in silicone

TECHNICAL FEATURES:
- *Manufacturing process: pressed stainless steel*
- *Body valve and metallic parts in stainless steel Aisi 304 or Aisi 316*
- *Seal ring: NBR, FPM or PTFE**
- *Threaded ends: UNI ISO 228 female*
- *Welded joints: made with TIG method without any additional material*
- *Opening pressure: Min. 0,025 bar Max. 0,035 bar*
- *Hydraulic test: compressed air at 0,2 bar on each valve*
- *Nominal working pressure: 16 bar*
- *Working temperature: -25°C - +90°C (with NBR seal)*
  -20°C - +150°C (with FPM seal)
  -20°C - +200°C (with PTFE seal)*
  ** Silicon ring with a Teflon-FEP®*

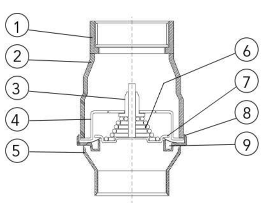
Dimensioni e pesi
Dimensions and weights

Misura *Size*	DN	Dimensioni in mm *Dimensions in mm* A	B	C	Peso in gr *Weight in gr*	Pezzi per scatola *Carton quantity*
3/4"	20	29	70	44	129	8
1"	25	36	84	53	191	8
1"1/4	32	45	99	62	281	6
1"1/2	40	51	119	78	388	6
2"	50	64	123	89	704	4
2"1/2	65	80	147	113	1425	1
3"	80	93	166	132	2085	1
4"	100	120	193	167	3415	1

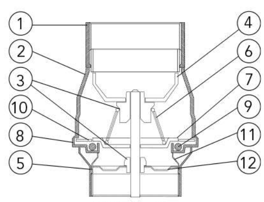


Caratteristiche costruttive
Construction features

Componenti *Components*	Versione Aisi 304 *Version Aisi 304*	Versione Aisi 316 *Version Aisi 316*
1 Manicotto lato mandata • *Outlet end*	1.4301 • 1.4304 EN 10088	1.4401 • 1.4404 EN 10088
2 Corpo valvola • *Valve body*	1.4301 • 1.4304 EN 10088	1.4401 • 1.4404 EN 10088
4 Boccola di guida • *Guide bush*	PTFE	PTFE
4 Guida otturatore • *Flow control disk guide*	1.4301 • 1.4304 EN 10088	1.4401 • 1.4404 EN 10088
5 Manicotto lato aspirazione • *Inlet end*	1.4301 • 1.4304 EN 10088	1.4401 • 1.4404 EN 10088
6 Molla • *Spring*	1.4301 • 1.4304 EN 10088	1.4401 • 1.4404 EN 10088
7 Otturatore • *Flow control disk*	1.4301 • 1.4304 EN 10088	1.4401 • 1.4404 EN 10088
8 Contenitore anello di tenuta • *Seal ring housing*	1.4301 • 1.4304 EN 10088	1.4401 • 1.4404 EN 10088
9 Anello di tenuta • *Seal ring*	NBR, FPM, PTFE*	FPM, PTFE*
10 Anello ferma tenuta • *Seal ring retainer*	1.4301 • 1.4304 EN 10088	1.4401 • 1.4404 EN 10088
11 Supporto contenitore tenuta • *Seal ring support*	1.4301 • 1.4304 EN 10088	1.4401 • 1.4404 EN 10088
12 Guida lato aspirazione • *Outlet side guide*	1.4301 • 1.4304 EN 10088	1.4401 • 1.4404 EN 10088



3/4" - 2"



2" 1/2 - 4"

Small

VALVOLE DI RITEGNO DI PICCOLO DIAMETRO (DA 1/4" A 1/2")
SMALL DIAMETER CHECK VALVES (FROM 1/4" TO 1/2")

CARATTERISTICHE TECNICHE:

- Lavorazione: acciaio inox tornito/stampato
- Corpo e parti metalliche in acciaio inox Aisi 304 o Aisi 316
- Tenuta: NBR o FPM
- Connessioni filettate femmina UNI ISO 228
- Saldature: a TIG senza apporto di materiale
- Pressione di apertura: Min. 0,025 bar Max. 0,035 bar
- Test idraulico: aria compressa a 0,2 bar su ogni valvola
- Pressione nominale di esercizio: 16 bar
- Temperatura di esercizio: -25°C - +90°C (con guarnizione NBR)
  -20°C - +150°C (con guarnizione FPM)

TECHNICAL FEATURES:

- *Manufacturing process: machined/pressed stainless steel*
- *Body valve and metallic parts in stainless steel Aisi 304 or Aisi 316*
- *Seal ring: NBR or FPM*
- *Threaded ends: UNI ISO 228 female*
- *Welded joints: TIG method without any additional material*
- *Opening pressure: Min. 0,025 bar Max. 0,035 bar*
- *Hydraulic test: compressed air at 0,2 bar on each valve*
- *Nominal working pressure: 16 bar*
- *Working temperature: -25°C - +90°C (with NBR seal)*
  -20°C - +150°C (with FPM seal)

valvole di ritegno

Dimensioni e pesi
Dimensions and weights

Misura *Size*	Dimensioni in mm *Dimensions in mm* A A304	A A316	B	C	Peso in gr *Weight in gr* A304	A316	Pezzi per scatola *Carton quantity*
1/4"	18	25	55	32	94	125	12
3/8"	20	25	55	32	91	115	12
1/2"	25	25	55	32	93	95	12

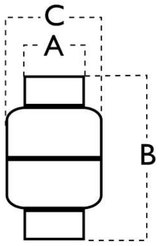


Diagramma perdite di carico
Friction losses diagram

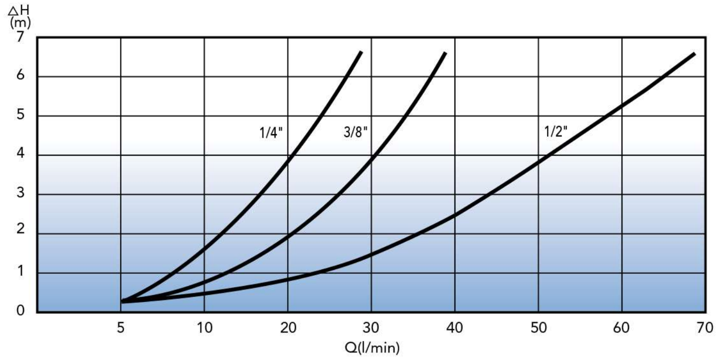
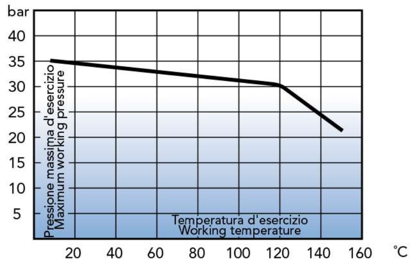
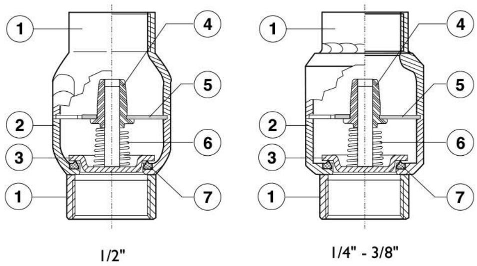


Diagramma pressione-temperatura
Pressure-Temperature diagram



Caratteristiche costruttive
Construction features



Componenti *Components*	Versione Aisi 304 *Version Aisi 304*	Versione Aisi 316 *Version Aisi 316*
1 Manicotti filettati • *Threaded ends*	1.4301 • 1.4304 EN 10088	1.4401 • 1.4404 EN 10088
2 Corpo valvola • *Body valve*	1.4301 • 1.4304 EN 10088	1.4401 • 1.4404 EN 10088
3 Otturatore • *Flow control disc*	1.4301 • 1.4304 EN 10088	1.4401 • 1.4404 EN 10088
4 Boccola di guida • *Guide bush*	PTFE	PTFE
5 Supporto boccola • *Bush support*	1.4301 • 1.4304 EN 10088	1.4401 • 1.4404 EN 10088
6 Molla • *Spring*	1.4301 • 1.4304 EN 10088	1.4401 • 1.4404 EN 10088
7 Guarnizione • *Seal ring*	NBR • FPM	FPM

IA motion - Attuatori pneumatici

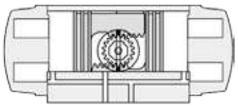
Descrizione

L'attuatore pneumatico IA motion con funzionamento pignone/cremagliera, unisce le più avanzate caratteristiche tecniche costruttive sia per innovazioni che per scelta di materiali e rivestimenti protettivi, tali da proporsi come uno degli attuatori più affidabili su mercato.

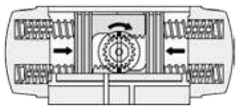
Caratteristiche del prodotto

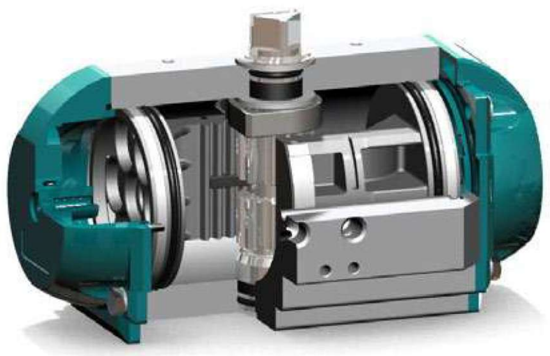
• Funzionamento	**IA...D** doppio effetto **IA...S** semplice effetto
• Coppia nominale	15 ÷ 10007 Nm (doppio effetto con 6 bar/min di pressione di comando)
• Pressione di comando	3 ÷ 8 bar (IA1000D 3 ÷ 7 bar)
• Fluido di comando	Aria filtrata o gas neutri
• Temperatura di esercizio	-40°C ÷ 80°C
• Attacchi	Predisposto per valvole con top flangia a norme EN ISO 5211, per elettrovalvole ed accessori a norma VDI/VDE 3845 (NAMUR)
• Lubrificazione	Se sottoposto a condizioni di lavoro normali non necessita di ulteriore lubrificazione oltre a quella eseguita dal produttore
• Ex ATEX	L'attuatore IP67 standard è conforme alle richieste della ATEX 94/9/EG

IA ... D



IA ... S



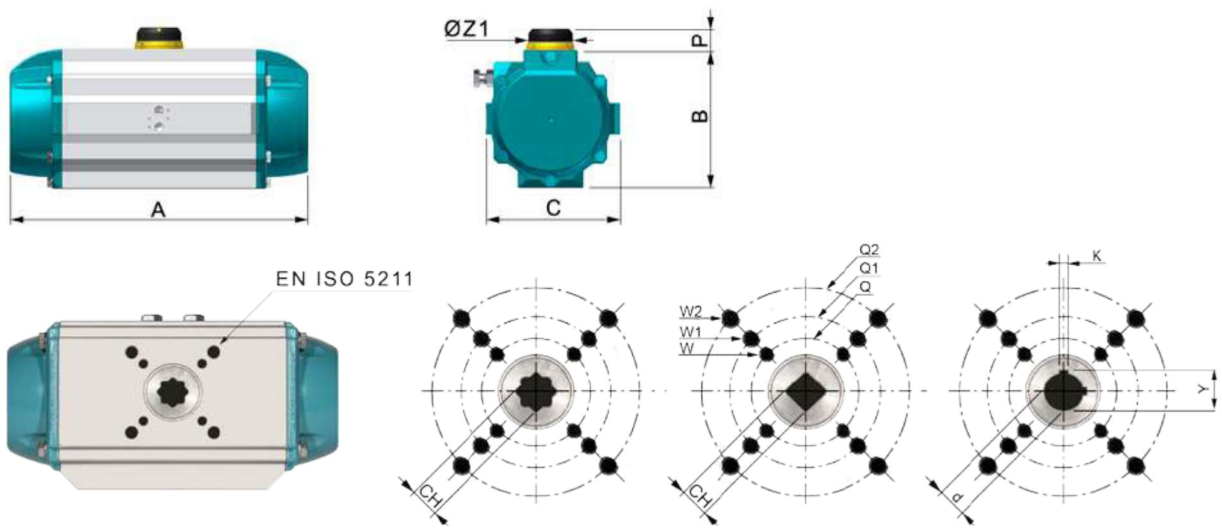


Coppie [Nm]

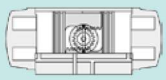
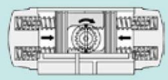
IA...D - Attuatori a doppio effetto

	Coppia pneumatica relativa alla pressione di comando					
	3 bar	**4 bar**	**5 bar**	**6 bar**	**7 bar**	**8 bar**
IA 045 D	7,2	9,6	12,0	14,4	16,8	19,1
IA 050 D	10,0	13,3	16,6	19,9	23,3	26,6
IA 100 D	17,6	23,5	29,3	35,2	41,0	46,9
IA 200 D	34,9	46,5	58,2	69,8	81,4	93,1
IA 250 D	54,9	73,2	91,5	109,8	128,1	146,4
IA 300 D	79,8	106	133	160	186	213
IA 350 D	129	172	215	258	301	344
IA 400 D	166	222	277	332	388	443
IA 450 D	261	348	435	522	609	696
IA 500 D	340	454	567	681	794	908
IA 550 D	459	613	766	919	1072	1225
IA 600 D	638	851	1064	1276	1489	1702
IA 650 D	1072	1430	1787	2144	2502	2859
IA 700 D	1556	2075	2594	3112	3631	4150
IA 750 D	2154	2872	3590	4308	5026	5744
IA 800 D	2703	3604	4504	5405	6306	7207
IA 1000 D	5003	6671	8339	10007	11674	-

Dimensioni



Dimensioni

															IA ... D 			IA ... S 		
	A	B	C	D	E	F	G	N	P	R	S	T 1)	Z1	V_O[l]	V_C[l]	t_O"	t_C"	[kg]	t_O"	t_C"	[kg]
IA 045	118	66	62	M5x8	M5x8	80	30	11	20	32	24	⅛"	37	0,06	0,1	0,15	0,20	0,75	0,20	0,25	0,9
IA 050	137	69	78,5	M5x8	M5x8	80	30	11	20	32	24	⅛"	42	0,09	0,15	0,2	0,25	1,15	0,25	0,3	1,26
IA 100	154	85	91,5	M5x8	M5x8	80	30	11	20	32	24	⅛"	42	0,16	0,26	0,25	0,3	1,7	0,3	0,35	1,9
IA 200	204	102	105	M5x8	M5x8	80	30	17	20	32	24	⅛"	42	0,31	0,49	0,3	0,35	3,0	0,4	0,5	3,4
IA 250	241	115	118,5	M5x8	M5x8	80	30	17	20	32	24	⅛"	42	0,51	0,78	0,4	0,5	4,2	0,5	0,6	4,8
IA 300	259	127	130,5	M5x8	M5x8	80	30	17	20	32	24	¼"	42	0,71	1,11	0,5	0,6	5,7	0,7	0,9	6,6
IA 350	304	145	148,5	M5x8	M5x8	80	30	27	30	32	24	¼"	58	1,19	1,80	0,7	0,8	8,8	0,9	1,1	10,2
IA 400	333	157	159	M5x8	M5x8	80	30	27	30	32	24	¼"	58	1,54	2,34	0,9	1,1	10,7	1,2	1,4	12,6
IA 450	395	177	182,5	M5x8	M5x8	80	30	27	30	32	24	¼"	67,5	2,41	3,78	1,2	1,4	15,5	1,5	1,8	18,7
IA 500	423	196	200,5	M5x8	M5x8	80	30	27	30	32	24	¼"	67,5	3,14	4,92	1,5	1,7	19,6	1,8	2,1	23,7
IA 550	473	221	223	M5x8	M5x8	130	30	36	50	32	24	¼"	80	4,26	6,89	2	2,2	25	2,4	2,8	33
IA 600	528	245	244,5	M5x8	M5x8	130	30	36	50	32	24	¼"	80	5,94	9,46	2,7	3,2	37	3,5	4	45

	EN ISO 5211	Q	Q1	Q2	W	W1	W2	CH✸ x l	CH◆ x l	d● x l	K	Y
IA 045	F03	36	-	-	M5	-	-	9 x 11 11 x 12	-	-	-	-
	F04	42	-	-	M5	-	-	9 x 11 11 x 12	-	-	-	-
IA 050	F03-F05	36	50	-	M5	M6	-	11 x 12	-	-	-	-
	F04	42	-	-	M5	-	-	11 x 12	-	-	-	-
IA 100	F04	42	-	-	M5	-	-	11 x 19	-	-	-	-
	F05-F07	50	70	-	M6	M8	-	11 x 19 14 x 16	-	-	-	-
IA 200	F05-F07	50	70	-	M6	M8	-	14 x 19 17 x 19	11 x 19	-	-	-
IA 250	F05-F07	50	70	-	M6	M8	-	17 x 19	14 x 19	-	-	-
IA 300	F05-F07-F10	50	70	102	M6	M8	M10	17 x 25 22 x 25	14 x 19	-	-	-
IA 350	F07-F10	70	102	-	M8	M10	-	17 x 25 22 x 32	14 x 19	-	-	-
IA 400	F07-F10	70	102	-	M8	M10	-	22 x 32 27 x 29	17 x 25	-	-	-
IA 450	F10-F12	102	125	-	M10	M12	-	27 x 40	22 x 32	-	-	-
IA 500	F10-F12	102	125	-	M10	M12	-	27 x 40	22 x 40	-	-	-
IA 550	F10-F12	102	125	-	M10	M12	-	27 x 40	22 x 40	-	-	-
	F14	140	-	-	M16	-	-	36 x 38	-	-	-	-
IA 600	F10-F12	102	125	-	M10	M12	-	27 x 40	22 x 40	-	-	-
	F14	140	-	-	M16	-	-	-	-	d45 x 65	14	49

InterApp

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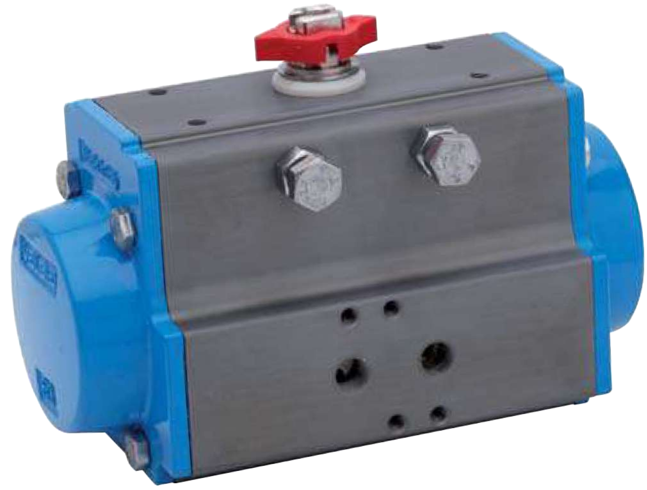
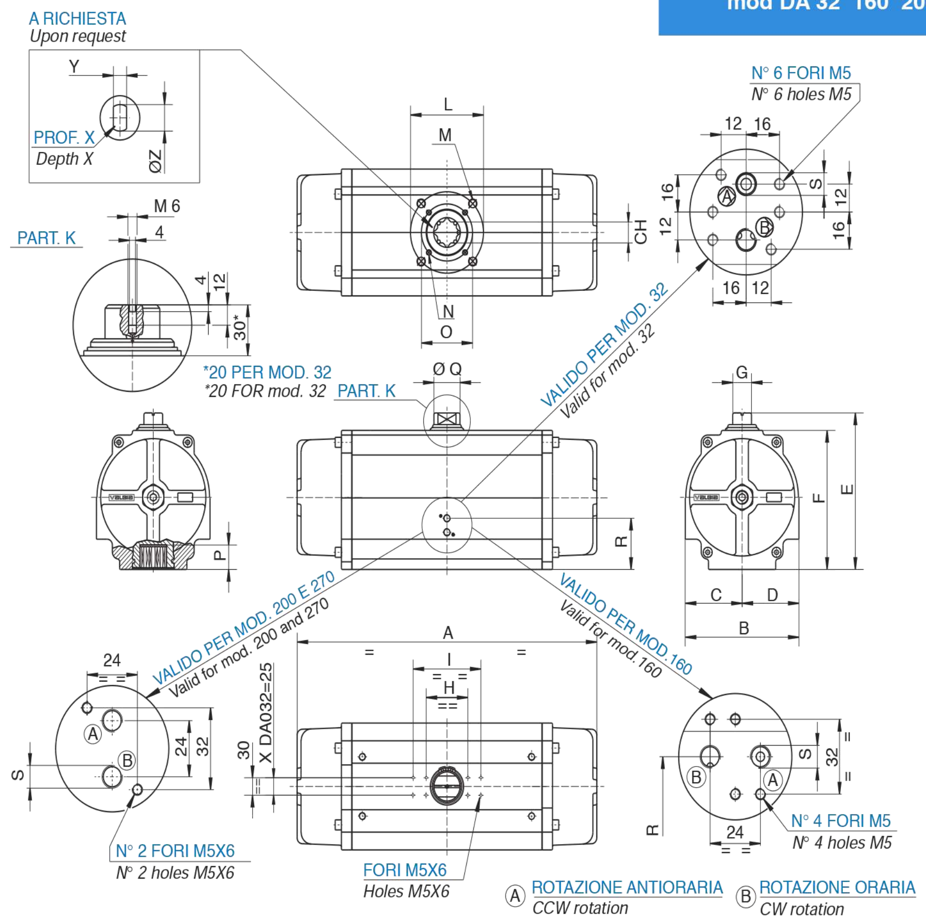
FORNITURE INDUSTRIALI

Attuatori Pneumatici VALBIA



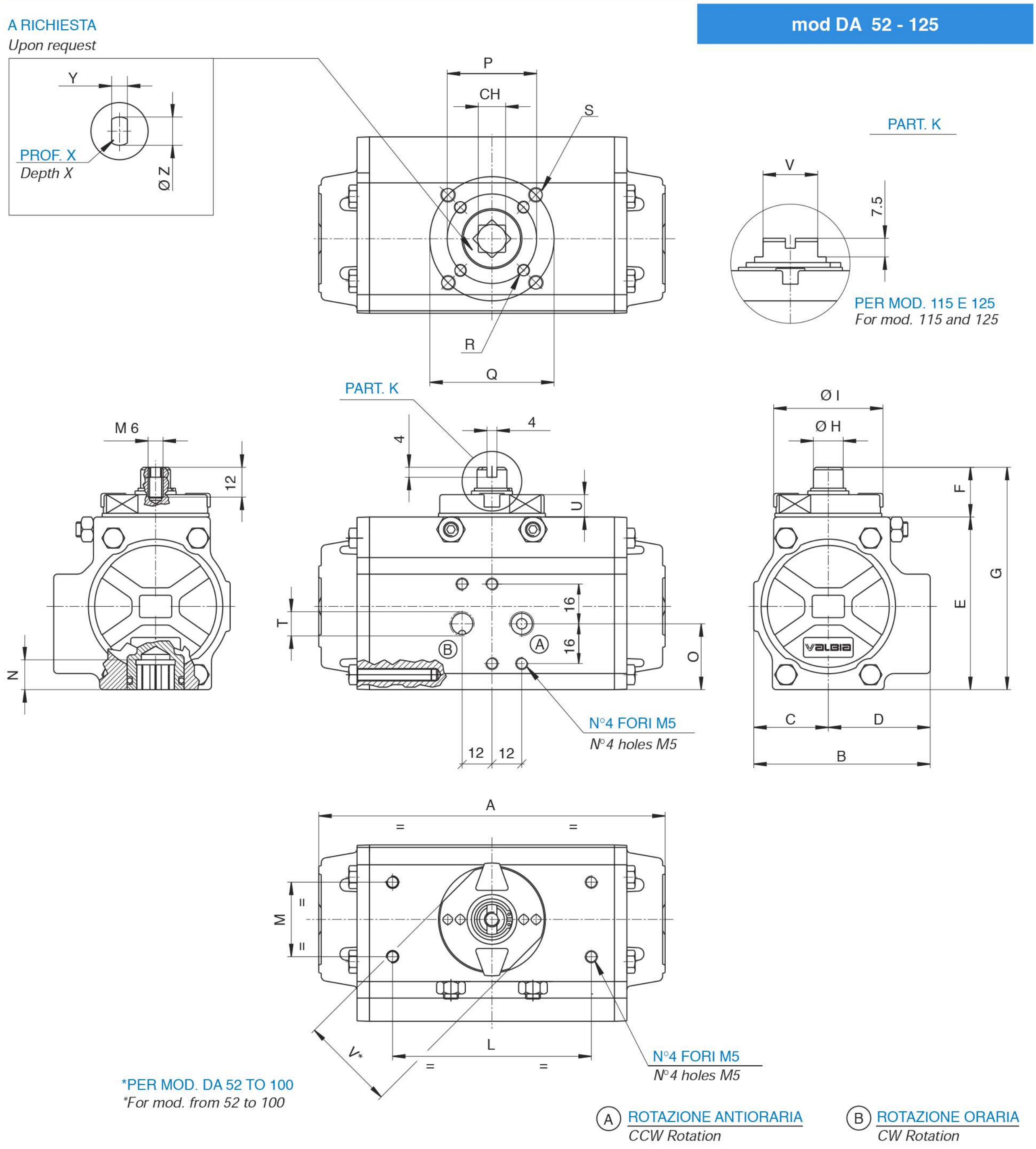
mod DA 32 160 200 270



MOD.	FORATURA ISO 5211	CH	A	B	C	D	E	F	G	H	I	L	M	N	O	P	ØQ	R	S ISO 7 1	T	U	V	W	ØZ	Y	X
32	F03	9	110	45	22.5	22.5	65	45	10	50	-	36	M5X7.5	-	-	12	11.8	-	1/8”	-	-	-	-	12.1	9	16
160	F10 - F12	27	522	187	87	100	218	188	30	80	130	125	M12X18	M10X15	102	32	35	81.5	1/4”	160	45	56	63.5	36.2	27	48
200	F14	36	575	218	109	109	269	239	36	80	130	140	M16X25	-	-	39	50	88	1/4”	190	51.5	64	79	48.2	36	64
270	F16	46**	672	290	145	145	361	331	36	80	130	165	M20X30	-	-	52	50	121	1/4”	230	68	79	111	60.2	46	82

Attuatori Pneumatici VALBIA

mod DA 52 - 125



MOD.	FORATURA ISO 5211	CH	A	B	C	D	E	F	G	ØH	ØI	L	M	N	O	P	Q	R	S	T ISO 7/1	U	V	ØZ	Y	X
52	F03 - F05	11	139.5	71	30	41	69.5	20	89.5	12	44	80	30	12	26.5	36	50	M5X7.5	M6X9	1/8"	8	38	14.1	11	12
63	F05 - F07	14	162	80.5	35.5	45	80.5	20	100.5	14.8	50	80	30	16	27.5	50	70	M6X8	M8X12	1/8"	8	41	18.1	14	16
75	F05 - F07	17	207	94.5	42	52.5	97	20	117	18	63	80	30	19	35	50	70	M6X8	M8X12	1/8"	9	50	22.2	17	19
85	F05 - F07	17	237.5	106	47.5	58.5	108.5	20	128.5	20	63	80	30	19	42	50	70	M6X8	M8X12	1/8"	9	50	22.2	17	30
100	F07 - F10	17	271.5	123	55	68	121.5	20	141.5	20	63	80	30	20.5	50	70	102	M8X8	M10X14	1/4"	9	50	22.2	17	30
115	F07 - F10	22	328	137	64	73	141.5	30	171.5	32	86	130	30	24	50	70	102	M8X12	M10X15	1/4"	14.5	22	28.2	22	39
125	F07 - F10	22	366	148	68	80	153.5	30	183.5	32	86	130	30	24	61	70	102	M8X12	M10X15	1/4"	14.5	22	28.2	22	39

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FORNITURE INDUSTRIALI

Posizionatore elettropneumatico Serie IP8000/8100

Caratteristiche / Tipo	IP8000		IP8100	
	Posizionatore elettropneumatico			
	Retroazione a leva		Retroazione a camma rotante	
	Semplice effetto	Doppio effetto	Semplice effetto	Doppio effetto
Corrente di ingresso	4 a 20 mA DC (standard) Nota 2)			
Resistenza in ingresso	235 ±15 Ω (4 a 20 mA CC)			
Pressione di alimentazione pneumatica	0.14 a 0.7 MPa			
Corsa standard	10 a 85 mm (angolo di deviazione ammissibile da 10 a 30°)		60 a 100° Nota 3)	
Sensibilità Nota 4)	Fino a 0.1% F.S.	Fino a 0.5% F.S.		
Linearità Nota 4)	Fino a ±1% F.S.	Fino a ±2% F.S.		
Isteresi Nota 4)	Fino a 0.75% F:S	Fino a 1% F.S.		
Ripetibilità Nota 4)	Fino a ±0.5% F.S.			
Coefficiente di temperatura	Fino a 0.1% F.S./°C			
Fluttuazione della pressione di alimentazione	Fino a 0.3% F.S./0.01 MPa			
Flusso in uscita Nota 6)	80 ℓ/min (ANR) min. (SUP = 0.14 MPa) 200 ℓ/min (ANR) min. (SUP = 0.4 MPa)			
Consumo d'aria Nota 6)	5 ℓ/min (ANR) max. (SUP = 0.14 MPa) 11 ℓ/min (ANR) max. (SUP = 0.4 MPa)			
Temperatura d'esercizio	Struttura generale: –20 a 80°C Antideflagrante TIIS: –20 a 60°C Antideflagrante a sicurezza intrinseca ATEX: –20 a 80°C (T5) –20 a 60°C (T6) –40 a 60°C (T6)/specifica bassa temperatura tipo -L			

SRI990 Analog Positioner

FEATURES

- Configuration by means of switches and potentio meters
- Load 300 Ω
- Low air consumption
- Stroke 8 to 260 mm (0.3 to 10.2 inch)
- Angle range up to 95 degree
- Supply air pressure up to 6 bar (90 psig), with spool valve up to 7 bar (105 psig)
- Single acting or double acting
- Mechanical travel indicator
- Position transmitter 4 - 20 mA as option
- Attachment to stroke actuators directly or according to IEC 534 part 6 (NAMUR)
- Attachment to rotary actuators according to VDI/VDE 3845

Foxboro by Schneider Electric

Box fine corsa elettromecanici, induttivi
materiali: tecnopolimeri, alluminio
classe di protezione: IP65, IP 67

Fine corsa elettromecanici

Sensori induttivi di prossimità

Valvole ed Elettrovalvole 3/2 - 5/2
materiali: corpo in alluminio, spola inox
guarnizioni in NBR
attacchi: G1/8” , G1/4”

Kit di accoppiamento

DI MARCO spa - Via Pesciatina 278
55010 Lunata (LU)
Tel. +390583429400
info@dimarcospa.com
www.dimarcospa.com

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