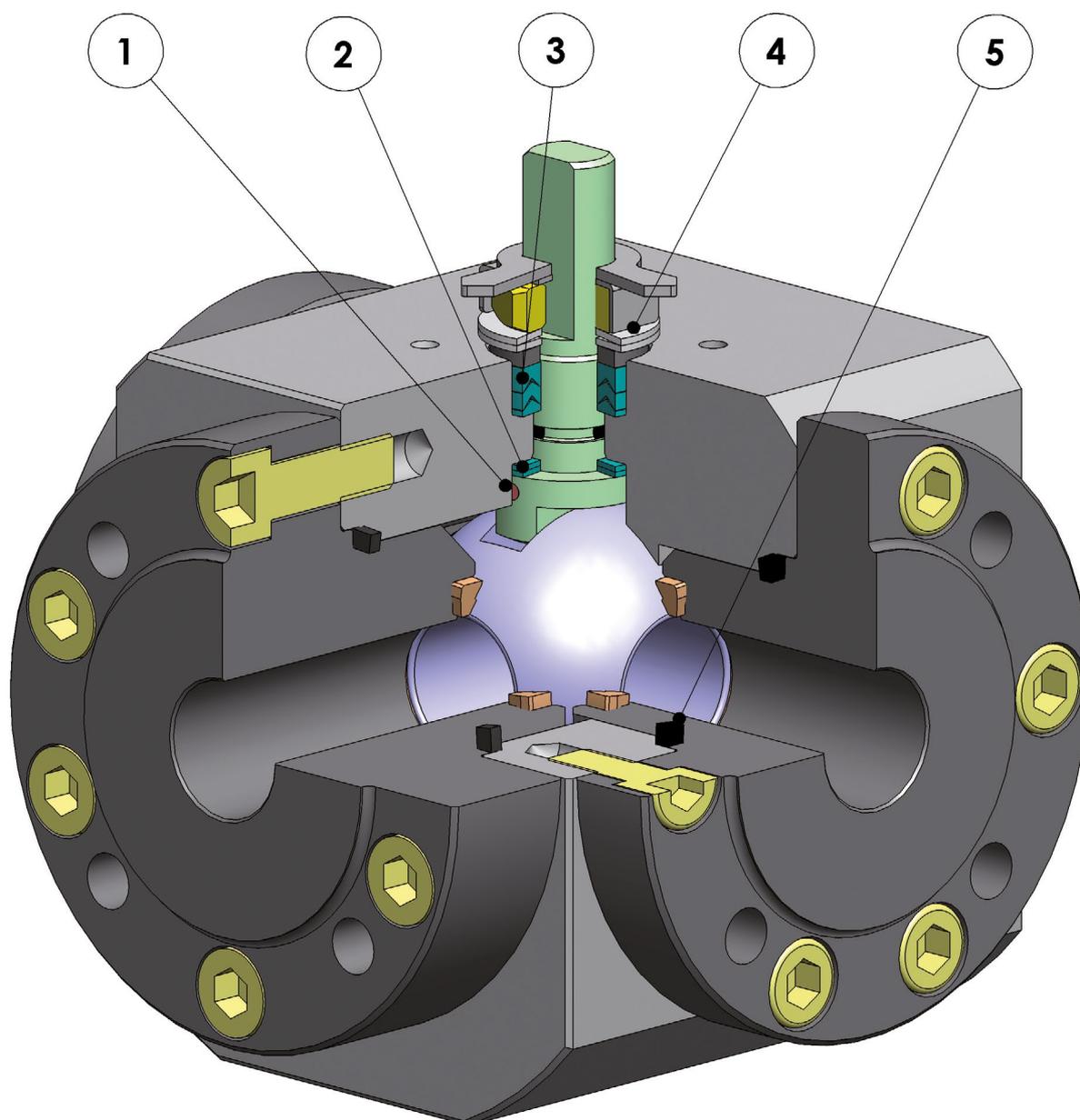




MAGNUM SPLIT WAFER 3 VIE 4 GUARNIZIONI 3 WAY 4 SEALS





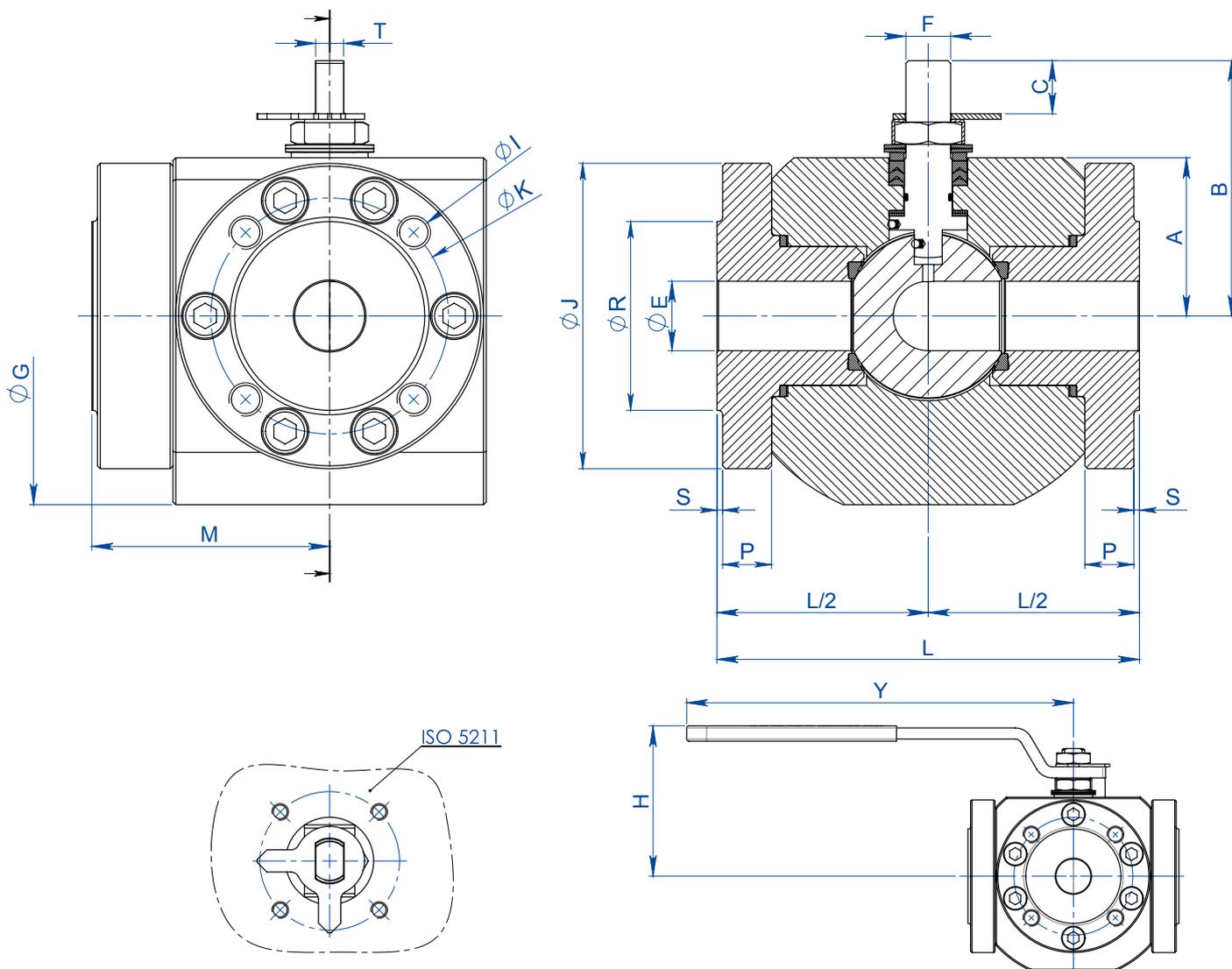
FEATURES & BENEFITS

1	Antistatic device (continuità elettrica tra sfera, stelo e corpo) <i>Antistatic device ((electrical continuity between ball, stem and body)</i>	Si evitano cariche elettrostatiche che potrebbero essere causa d'innesco in ambienti infiammabili e/o esplosivi <i>Static electricity is avoided which can cause sparks and fire in an inflammable/explosive environment</i>
		Sicurezza garantita del contatto durante tutta la vita della valvola <i>Contact safety throughout the entire life of the valve</i>
2	Doppio anello antifrizione <i>Double antifriction washer</i>	Garantisce una minor coppia di azionamento della valvola <i>Less Breakaway Torque is granted</i>
		Minor usura rispetto all'esecuzione con singolo anello <i>Less wear comparing with the execution with the single washer</i>
3	Pacco guarnizioni a "v" con 3 guarnizioni più o-ring <i>"V" seals pack; 3 seals + o-ring</i>	Si garantisce una perfetta tenuta anche dopo un numero elevato di cicli <i>It ensures a perfect tightness even after a high number of cycles</i>
4	Molle a tazza sulla tenuta dello stelo <i>Spring washer on the shaft seal</i>	Garantiscono il recupero dei giochi dovuti all'usura causata dal movimento semirotoratorio dell'albero evitando perdite verso l'esterno <i>Guarantee of the recovery of the gap due to the wear caused by the rotational movement of the shaft avoiding leakage towards the outside part.</i>
		Consentono di mantenere energizzate le guarnizioni tipo "chevron" (a V), evitando perdite verso l'esterno, a fronte di notevoli escursioni termiche <i>Allow to maintain energized the "chevron" seals (V), thus avoiding any leakage to the outside, against huge temperature excursions</i>
5	Tenuta elasticizzata in grafite <i>Stretch Graphite seal</i>	Garantisce una tenuta verso l'esterno indipendentemente dalle escursioni termiche a cui è sottoposta la valvola <i>Tightness towards outside is granted, independently by the thermal excursions to which the valve is subjected</i>
	Maggiore precisione nell'allineamento degli assi grazie alla lavorazione dal grezzo al finito con un unico posizionamento <i>Greater precision in the alignment of axes due to a unique positioning in the process machining from raw material to finished valve</i>	Maggior vita della valvola stessa <i>Longer lifetime of the valve</i>
		Minor coppia di azionamento <i>Less breakaway torque</i>
	Corpo valvola in acciaio al carbonio realizzato con materiale normalizzato certificato NACE in esecuzione standard <i>Valve body in carbon steel made with NACE certified material as standard</i>	Garantisce una maggior resistenza alla corrosione <i>Greater corrosion resistance</i>
		Maggior duttilità del materiale <i>Greater ductility of the material</i>
	Processo produttivo interamente eseguito in OMAL <i>100% in-house manufacturing process technology</i>	Massimo controllo in tutte le fasi di lavorazione <i>Maximum control and accuracy in all the stages of the manufacturing process</i>
		Possibilità di fornire rapidamente esecuzioni speciali richieste dal cliente <i>Flexibility in supply quickly special executions requested by customers</i>
	Certificato ATEX <i>ATEX Certificate</i>	Ne consente l'installazione in presenza di ambiente potenzialmente esplosivo <i>Installation is possible in a potential explosive environment</i>
	Certificazione "TA LUFT fugitive emission" <i>TA LUFT fugitive emission Certificate</i>	Garantisce un elevato grado di sicurezza della tenuta stelo verso l'esterno <i>High level of safety of the tightness towards the outside is granted</i>
	Certificato PED <i>PED Certificate</i>	Piena conformità alle norme di sicurezza europee per i dispositivi in pressione <i>Full compliance with European Safety Standards for Pressure Equipment</i>



MAGNUM SPLIT WAFER 3 WAY 4 SEALS

PN 16-40 ANSI 150



MISURA		SIZE		DIMENSIONI DIMENSIONS -PN-																KIT LEVA		KIT GUARNIZIONI	
DN [mm]	[inch]	PN	ØE	L	M	A	B	C	ATT. ISO	F/T	ØG	ØJ	ØR	S	P	ØK	N° FORI	ØI	H	Y	Kg.	LEVER KIT	SEALS KIT
15	1/2"	16-40	13	124	62	40	55	9,2	F03	10/6	112	90	45	2	15	65	4	M12	73	140	6,8	KLV58004	KGBV557040
20	3/4"	16-40	19	136	79	48	71	13	F04	12/8	130	100	58	2	14	75	4	M12	90,4	150	10,5	KLV58006	KGBV557050
25	1"	16-40	25	151	85	57	92	19,1	F05	16/10	149	110	68	2	16	85	4	M12	108,4	275	15,2	KLV58008	KGBV557060
32	1 1/4"	16-40	32	167	96	60	95	19,1	F05	16/10	164	130	78	2	20	100	4	M16	111,4	275	20,8	KLV58008	KGBV557070
40	1 1/2"	16-40	38	185	100	72	119,5	26,4	F07	22/14	185	140	88	3	20	110	4	M16	132,5	350	26,1	KLV58010	KGBV557080
50	2"	16-40	51	200	110	81	128,5	26,7	F07	22/14	195	150	102	3	20	125	4	M16	141,5	350	32,4	KLV58010	KGBV557090
65	2 1/2"	16	64	218	121	93	154	33,2	F10	30/18	220	178	122	3	20	145	4	M16	180,3	450	47,6	KLV58012	KGBV557100
80	3"	16	76	244	126	101	162	33,2	F10	30/18	239	190	135	3	20	160	8	M16	188,3	450	57,9	KLV58012	KGBV557110
100	4"	16	102	325	150	124	182	33,2	F10	30/18	296	235	158	3	20	180	8	M16	208,3	450	109	KLV58012	KGBV557120

MISURA		SIZE		DIMENSIONI DIMENSIONS -ANSI-																KIT LEVA		KIT GUARNIZIONI	
DN [mm]	[inch]	ANSI	ØE	L	M	A	B	C	ATT. ISO	F/T	ØG	ØJ	ØR	S	P	ØK	N° FORI	ØI	H	Y	Kg.	LEVER KIT	SEALS KIT
15	1/2"	150	13	124	62	40	55	9,2	F03	10/6	112	90	35,1	1,6	16	60,5	4	1/2"UNC	73	140	6,8	KLV58004	KGBV557040
20	3/4"	150	19	136	79	48	71	13	F04	12/8	130	100	42,9	1,6	16	69,8	4	1/2"UNC	90,4	150	10,4	KLV58006	KGBV557050
25	1"	150	25	151	85	57	92	19,1	F05	16/10	149	110	50,8	1,6	16	79,2	4	1/2"UNC	108,4	275	15,2	KLV58008	KGBV557060
32	1 1/4"	150	32	167	96	60	95	19,1	F05	16/10	164	130	63,5	1,6	16	88,9	4	1/2"UNC	111,4	275	21,3	KLV58008	KGBV557070
40	1 1/2"	150	38	185	100	72	119,5	26,4	F07	22/14	185	140	73	1,6	16	98,6	4	1/2"UNC	132,5	350	26,4	KLV58010	KGBV557080
50	2"	150	51	200	110	81	128,5	26,7	F07	22/14	195	150	91,9	1,6	20	120,6	4	5/8"UNC	141,5	350	32,6	KLV58010	KGBV557090
65	2 1/2"	150	64	218	121	93	154	33,2	F10	30/18	220	178	104,6	1,6	20	139,7	4	5/8"UNC	180,3	450	46,6	KLV58012	KGBV557100
80	3"	150	76	244	126	101	162	33,2	F10	30/18	239	190	127	1,6	20	152,4	4	5/8"UNC	188,3	450	58,5	KLV58012	KGBV557110
100	4"	150	102	325	150	124	182	33,2	F10	30/18	296	235	157,2	1,6	20	190,5	8	5/8"UNC	208,3	450	109	KLV58012	KGBV557120



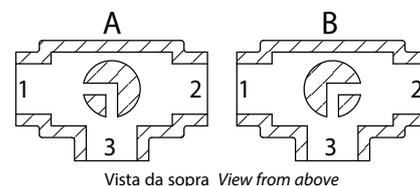
MAGNUM SPLIT WAFER 3 WAY 4 SEALS

PN 16-40 ANSI 150

SCHEMA SFERA A "L" PLAN FOR "L" PORT

N.B.: Con attuatore **SR NORMALMENTE CHIUSO** la posizione di riposo della sfera deve essere la "A".
 Con attuatore **SR NORMALMENTE APERTO** la posizione di riposo della sfera deve essere la "B".

N.B.: "A" must be the rest position of the ball with **SR FAIL CLOSE** actuator.
 "B" must be the rest position of the ball with **SR FAIL OPEN** actuator.



SCHEMA SFERA A "T" PLAN FOR "T" PORT

Con l'attuatore sono possibili solo due posizioni con rotazione di 90°: la configurazione della sfera deve essere sempre comunicata al nostro ufficio commerciale.

N.B.: Con attuatore **SR NORMALMENTE CHIUSO** scegliere la posizione di riposo della sfera; alimentando, l'attuatore ruota in senso antiorario.
 Con attuatore **SR NORMALMENTE APERTO** scegliere la posizione di riposo della sfera; alimentando, l'attuatore ruota in senso orario.

With actuator 2 positions with 90° rotation are possible only: the configuration of the ball must always be communicated to our sales department.

N.B.: Choose the rest position of the ball with **SR FAIL CLOSE** actuator; whenever supplied with air, actuator turns in an anticlockwise direction.
 Choose the rest position of the ball with **SR FAIL OPEN** actuator; whenever supplied with air, actuator turns in a clockwise direction.

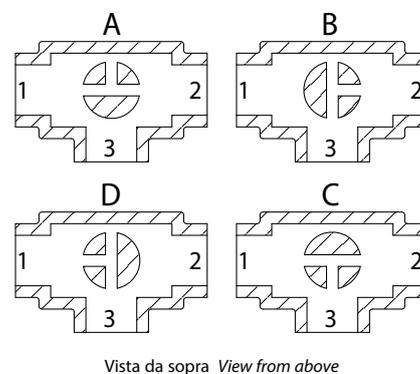
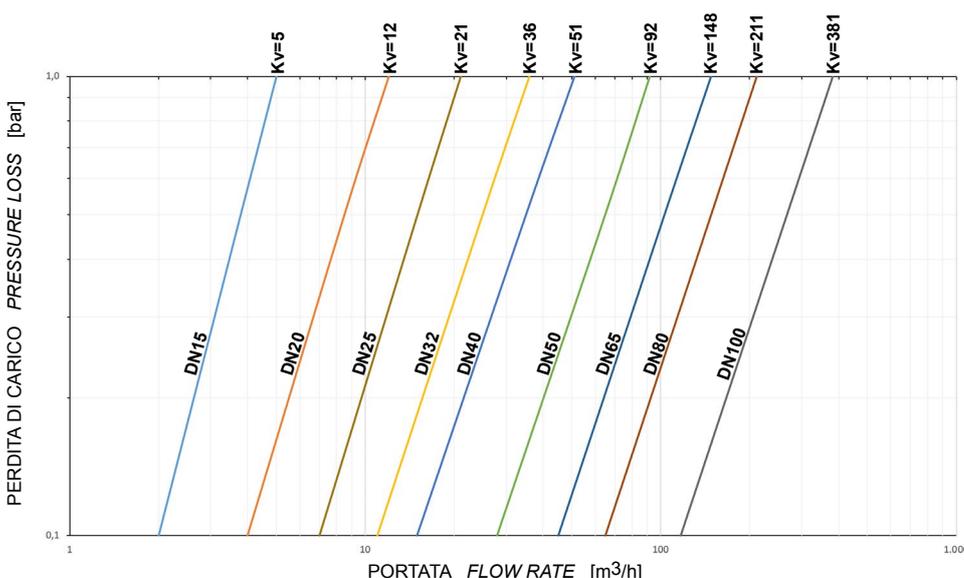


DIAGRAMMA PORTATA/PERDITA DI CARICO E COEFFICIENTE NOMINALE Kv

FLOW/PRESSURE LOSS DIAGRAM AND Kv NOMINAL COEFFICIENT



Il valore Kv è il valore di portata in m³/h (con acqua a 15°C) che provoca la caduta di pressione di 1 bar.

Kv is the coefficient, expressed in m³/h (with water at 15°C) causing a pressure loss of 1 bar.

Il dimensionamento degli attuatori pneumatici è stato fatto considerando una pressione minima di alimentazione pari a 5,6 barg. Qualora si intercettino fluidi sgrassanti e/o contenenti particolato solido le coppie di manovra possono risultare maggiorate rispetto a quanto previsto.

The sizing of pneumatic actuators has been done considering a minimum supply pressure of 5,6 barg. In case of not lubricated fluids and/or fluids containing solid particles, torques could be higher than the ones indicated.



MAGNUM SPLIT WAFER 3 WAY 4 SEALS PN 16-40 ANSI 150

ACCIAIO AL CARBONIO CARBON STEEL



ESECUZIONE STANDARD

- Sfera flottante, passaggio totale.
- Tenuta soft seat PTFE Modificato.
- Norme per flange d'attacco: EN1092-1, ASME B16.5.
- Classi di pressione : ANSI 150; PN16-40.
- Classe di tenuta: EN12266-1 rate A.
- Temperatura di utilizzo: -20°C +150°C.
- Fluido intercettato: aria, acqua, gas, prodotti petroliferi e petrolchimici, fluidi aggressivi.
- Antistatic device EN12266-2.
- Tenuta stelo: pacco a V di serie in PTFE Modificato.
- Tenuta addizionale su stelo con O-ring FKM.
- Stelo anti Blow-out.
- Foratura piano per attuatore a norma ISO 5211.

STANDARD FEATURES

- Floating ball, full bore.
- Soft-seat seal Modified PTFE.
- Standard for connecting flanges: EN1092-1, ASME B16.5.
- Pressure Class : ANSI 150; PN16-40.
- Tightness Class: EN12266-1 rate A.
- Working temperature: -20°C +150°C.
- Intercepted fluid: air, water, gas, petroleum and petrochemical products, aggressive fluids.
- Antistatic device EN12266-2.
- Stem seal: Modified PTFE V-pack.
- Additional seal on stem with FKM O-ring.
- Anti Blow-out stem.
- Actuator connection as per standard ISO 5211.

ESECUZIONI A RICHIESTA

- Esecuzione per temperatura -40°C in A350 LF2.
- Per altri tipi di flangiatura contattare il nostro ufficio commerciale.
- Guarnizioni di tenuta in: PTFE caricato vetro (PTFE-GF), PTFE caricato carbografite (PTFE-CF). Per altri tipi di materiale contattare il nostro ufficio commerciale.
- Leva, Dadi e molle stelo inox.
- Per esecuzioni con materiali (corpo/sfera/stelo) diversi dallo standard contattare il nostro ufficio commerciale.
- Trattamento superficiale: zincatura bianca, verniciatura epossidica (per altri trattamenti contattare il nostro ufficio commerciale).
- Marcatura e certificato ATEX A RICHIESTA.

EXECUTION ON REQUEST

- LF2 carbon steel for low temperature execution (-40°C).
- For other flange types please contact our sales department.
- Sealing in: PTFE reinforced with glass (PTFE-GF), PTFE reinforced with carbon-graphite (PTFE-CF). For other types of materials please contact our sales department.
- Stainless steel lever.
- Stainless steel stem nuts and springs.
- For versions with materials (body/ball/stem) different from the standard please contact our sales department.
- Surface treatment: white zinc coating, epoxy coating. For other coating please contact our sales department.
- Marking and certificate ATEX ON REQUEST.

CERTIFICAZIONI

- Conforme alla direttiva Europea 2014/68/EU PED; Fugitive Emission ISO 15848 (ISO FE BH-C03-SSA 0); Ta-Luft VDI: 2440.
- Livello di sicurezza funzionale fino a SIL 3 in accordo a IEC 61508.
- Conforme alla direttiva ATEX 2014/34/EU, certificato ATEX A RICHIESTA.

CERTIFICATIONS

- In compliance with European Directive 2014/68/EU PED; Fugitive Emission ISO 15848 (ISO FE BH-C03-SSA 0); Ta-Luft VDI: 2440.
- Safety integrity level up to SIL 3 according to the IEC 61508.
- In compliance with ATEX 2014/34/EU Directive , ATEX certificate ON REQUEST.

NORME DI PROGETTAZIONE

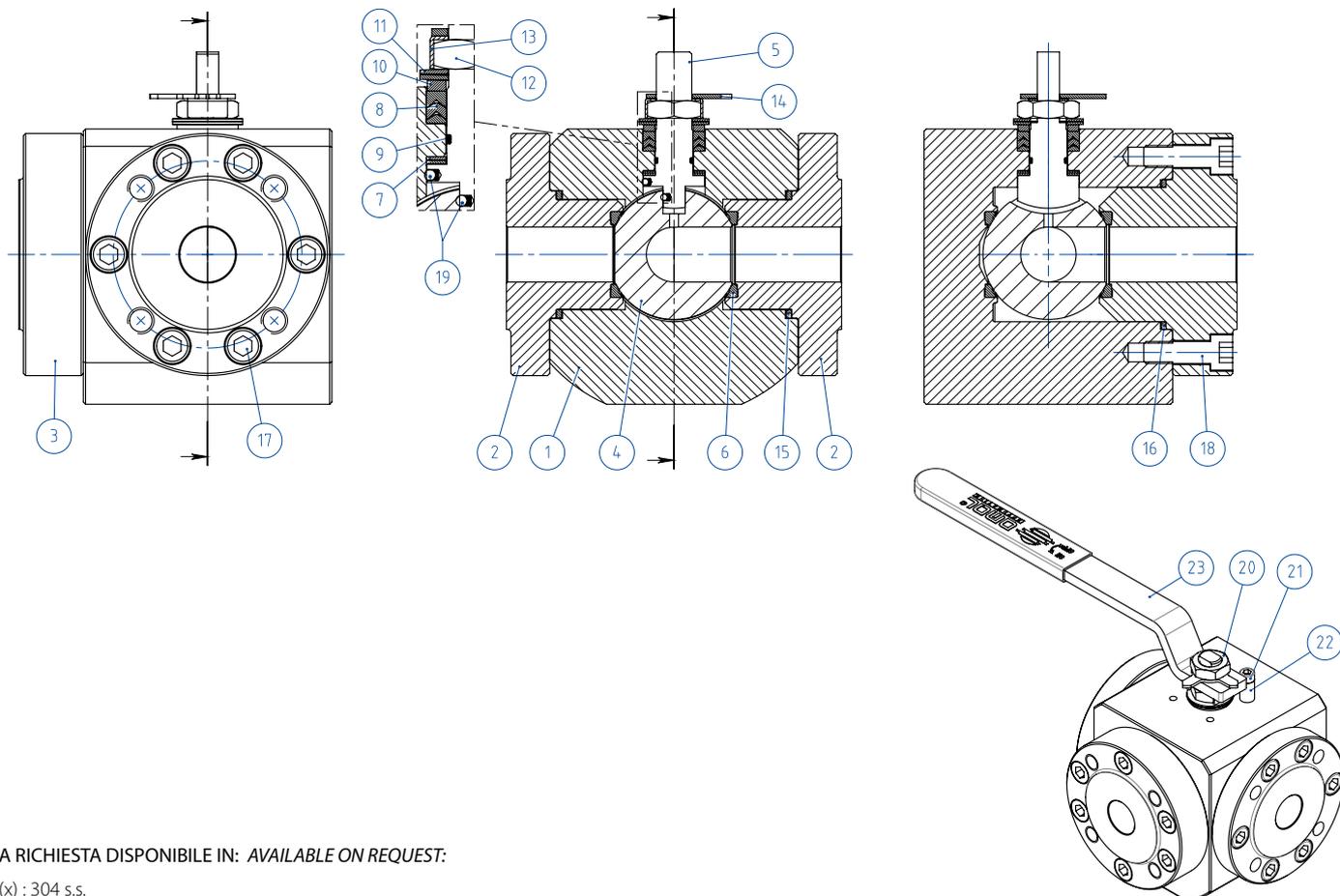
- Spessori corpo in accordo a ASME B16.34, ASME VIII div.1, EN12516.
- Materiali e rating in accordo ad ASME B16.34 per valvole ANSI ed EN12516 per valvole PN.

ENGINEERING STANDARDS

- Body thickness in compliance with: ASME B16.34, ASME VIII div.1, EN12516.
- Materials and rating in compliance with ASME B16.34 for ANSI valves and EN12516 for PN valves.



MAGNUM SPLIT WAFER 3 WAY 4 SEALS - PN 16-40 ANSI 150
ACCIAIO AL CARBONIO CARBON STEEL
TABELLA DEI MATERIALI MATERIALS TABLE



A RICHIESTA DISPONIBILE IN: AVAILABLE ON REQUEST:

(x) : 304 s.s.
 (xx) : 301 s.s.

MATERIALI MATERIALS - SPLIT WAFER PN16-40 ANSI 150			
N°	Descrizione Description	A105 Carbon steel	A350 LF2 Carbon steel
1	Corpo Body		
2	Ghiera Ring nut	ASTM A105	ASTM A350 LF2
3	Ghiera side entry Side entry ring nut		
4	Sfera Ball		ASTM A351 CF8M
5	Stelo Stem		A564 TP,630 (17-4PH)
6*	Seggio Seat		PTFE Modificato Modified PTFE
7*	Tenuta inferiore stelo Stem lower sealing		PTFE Modificato Modified PTFE
8*	Pacco a V Chavron ring		PTFE Modificato Modified PTFE
9*	O-ring stelo Stem o-ring		FKM
10	Anello premi guarnizione Packing gland ring	Acciaio al carbonio zincato Carbon steel galvanized (x)	
11	Molle stelo Stem springs	Acciaio al carbonio zincato Carbon steel galvanized (xx)	
12	Dado stelo Stem nut	Acciaio al carbonio zincato Carbon steel galvanized (x)	
13	Piastra blocca dado Stop nut plate		304 S.S.
14	Indicatore Indicator		304 S.S.
15*	Guarnizione corpo ghiera Body ring nut gasket		GRAFOIL
16*	Guarnizione corpo ghiera side entry Body side entry ring nut gasket		GRAFOIL
17	Viti corpo ghiera Body ring nut screw		
18	Viti corpo ghiera side entry Body-side entering ring nut screw	8.8 zincate - galvanized	A2-70 (304 S.S.)
19	Dispositivo antistatico Antistatic device		316 S.S.
20	Controdado Lock nut	Acciaio al carbonio zincato Carbon steel galvanized (x)	
21	Vite di fermo Holder screw		A2-70 (304 S.S.)
22	Fermo di posizione Holder screw	Acciaio al carbonio zincato Carbon steel galvanized (x)	
23	Leva Lever		Fe37 zincato - galvanized (x)

* Componenti del kit di guarnizioni Components of seals kit



MAGNUM SPLIT WAFER 3 WAY 4 SEALS - PN 16-40 ANSI 150

ACCIAIO AL CARBONIO CARBON STEEL

ASSE LIBERO E CON LEVA - SFERA A "L" e "T" FREE SHAFT AND WITH LEVER - "L" and "T" BALL



CODICI VALVOLE IN ACCIAIO AL CARBONIO ASSE LIBERO (V_) E CON LEVA (L_) - SFERA A "L" CARBON STEEL BARE SHAFT (V_) AND LEVER (L_) OPERATED VALVE CODE - "L" BALL

	MISURA SIZE		PN/ANSI	A105 Carbon steel	LF2 Carbon steel
	DN [mm]	[inch]			
PN	DN 15	1/2"	PN 16-40	V/LM504F00CAA0ABQNV00B	V/LM504F00CBA0AAQNV00B
	DN 20	3/4"	PN 16-40	V/LM505F00CAA0ABQNV00B	V/LM505F00CBA0AAQNV00B
	DN 25	1"	PN 16-40	V/LM506F00CAA0ABQNV00B	V/LM506F00CBA0AAQNV00B
	DN 32	1" 1/4	PN 16-40	V/LM507F00CAA0ABQNV00B	V/LM507F00CBA0AAQNV00B
	DN 40	1" 1/2	PN 16-40	V/LM508F00CAA0ABQNV00B	V/LM508F00CBA0AAQNV00B
	DN 50	2"	PN 16-40	V/LM509F00CAA0ABQNV00B	V/LM509F00CBA0AAQNV00B
	DN 65	2" 1/2	PN 16	V/LM510E00CAA0ABQNV00B	V/LM510E00CBA0AAQNV00B
	DN 80	3"	PN 16	V/LM511E00CAA0ABQNV00B	V/LM511E00CBA0AAQNV00B
	DN 100	4"	PN 16	V/LM512E00CAA0ABQNV00B	V/LM512E00CBA0AAQNV00B
ANSI	DN 15	1/2"	ANSI 150	V/LM504101CAA0ABQNV00B	V/LM504101CBA0AAQNV00B
	DN 20	3/4"	ANSI 150	V/LM505101CAA0ABQNV00B	V/LM505101CBA0AAQNV00B
	DN 25	1"	ANSI 150	V/LM506101CAA0ABQNV00B	V/LM506101CBA0AAQNV00B
	DN 32	1" 1/4	ANSI 150	V/LM507101CAA0ABQNV00B	V/LM507101CBA0AAQNV00B
	DN 40	1" 1/2	ANSI 150	V/LM508101CAA0ABQNV00B	V/LM508101CBA0AAQNV00B
	DN 50	2"	ANSI 150	V/LM509101CAA0ABQNV00B	V/LM509101CBA0AAQNV00B
	DN 65	2" 1/2	ANSI 150	V/LM510101CAA0ABQNV00B	V/LM510101CBA0AAQNV00B
	DN 80	3"	ANSI 150	V/LM511101CAA0ABQNV00B	V/LM511101CBA0AAQNV00B
	DN 100	4"	ANSI 150	V/LM512101CAA0ABQNV00B	V/LM512101CBA0AAQNV00B

CODICI VALVOLE IN ACCIAIO AL CARBONIO ASSE LIBERO (V_) E CON LEVA (L_) - SFERA A "T" CARBON STEEL BARE SHAFT (V_) AND LEVER (L_) OPERATED VALVE CODE - "T" BALL

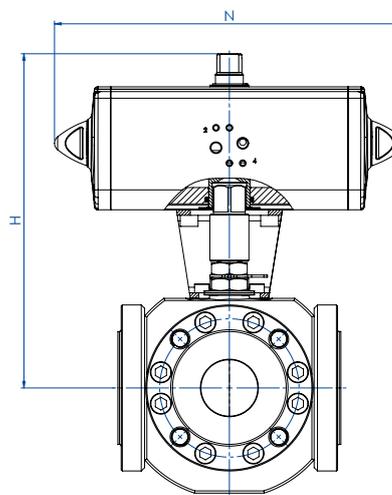
	MISURA SIZE		PN/ANSI	A105 Carbon steel	LF2 Carbon steel
	DN [mm]	[inch]			
PN	DN 15	1/2"	PN 16-40	V/LM604F00CAA0ABQNV00B	V/LM604F00CBA0AAQNV00B
	DN 20	3/4"	PN 16-40	V/LM605F00CAA0ABQNV00B	V/LM605F00CBA0AAQNV00B
	DN 25	1"	PN 16-40	V/LM606F00CAA0ABQNV00B	V/LM606F00CBA0AAQNV00B
	DN 32	1" 1/4	PN 16-40	V/LM607F00CAA0ABQNV00B	V/LM607F00CBA0AAQNV00B
	DN 40	1" 1/2	PN 16-40	V/LM608F00CAA0ABQNV00B	V/LM608F00CBA0AAQNV00B
	DN 50	2"	PN 16-40	V/LM609F00CAA0ABQNV00B	V/LM609F00CBA0AAQNV00B
	DN 65	2" 1/2	PN 16	V/LM610E00CAA0ABQNV00B	V/LM610E00CBA0AAQNV00B
	DN 80	3"	PN 16	V/LM611E00CAA0ABQNV00B	V/LM611E00CBA0AAQNV00B
	DN 100	4"	PN 16	V/LM612E00CAA0ABQNV00B	V/LM612E00CBA0AAQNV00B
ANSI	DN 15	1/2"	ANSI 150	V/LM604101CAA0ABQNV00B	V/LM604101CBA0AAQNV00B
	DN 20	3/4"	ANSI 150	V/LM605101CAA0ABQNV00B	V/LM605101CBA0AAQNV00B
	DN 25	1"	ANSI 150	V/LM606101CAA0ABQNV00B	V/LM606101CBA0AAQNV00B
	DN 32	1" 1/4	ANSI 150	V/LM607101CAA0ABQNV00B	V/LM607101CBA0AAQNV00B
	DN 40	1" 1/2	ANSI 150	V/LM608101CAA0ABQNV00B	V/LM608101CBA0AAQNV00B
	DN 50	2"	ANSI 150	V/LM609101CAA0ABQNV00B	V/LM609101CBA0AAQNV00B
	DN 65	2" 1/2	ANSI 150	V/LM610101CAA0ABQNV00B	V/LM610101CBA0AAQNV00B
	DN 80	3"	ANSI 150	V/LM611101CAA0ABQNV00B	V/LM611101CBA0AAQNV00B
	DN 100	4"	ANSI 150	V/LM612101CAA0ABQNV00B	V/LM612101CBA0AAQNV00B



MAGNUM SPLIT WAFER 3 WAY 4 SEALS - PN 16-40

ACCIAIO AL CARBONIO CARBON STEEL

CON ATTUATORE PNEUMATICO DA WITH DA PNEUMATIC ACTUATOR



CODICI ARTICOLI IN A105 ACCIAIO AL CARBONIO ITEM CODES IN A105 CARBON STEEL

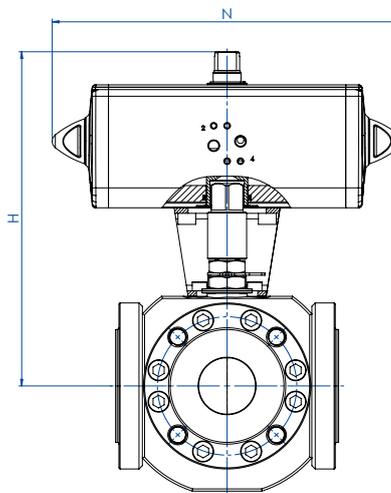
MISURA DN [mm]	SIZE [inch]	PN	CODICE ARTICOLO -SFERA A "L"- ITEM CODE -"L" BALL-	CODICE ARTICOLO -SFERA A "T"- ITEM CODE -"T" BALL-	ATTUATORE ACTUATOR	KIT di montaggio Mounting KIT	N [mm]	H [mm]	Kg
DN 15	1/2"	16-40	DM504F00CAA0ABQNV00BAFEA0	DM604F00CAA0ABQNV00BAFEA0	DAN0060412S	KCNACHD5378	198,0	180,4	8,9
DN 20	3/4"	16-40	DM505F00CAA0ABQNV00BAFGA0	DM605F00CAA0ABQNV00BAFGA0	DAN0106411S	KCNBCHD5265	237,0	211,3	13,8
DN 25	1"	16-40	DM506F00CAA0ABQNV00BAFGA0	DM606F00CAA0ABQNV00BAFGA0	DAN0106411S	KCNCCHD5317	237,0	220,3	18,5
DN 32	1" 1/4	16-40	DM507F00CAA0ABQNV00BAFHA0	DM607F00CAA0ABQNV00BAFHA0	DAN0120411S	KCNCCHD5317	244,1	227,0	24,2
DN 40	1" 1/2	16-40	DM508F00CAA0ABQNV00BAFIA0	DM608F00CAA0ABQNV00BAFIA0	DAN0180411S	KCNDDHD5319	289,9	269,5	31,8
DN 50	2"	16-40	DM509F00CAA0ABQNV00BAFKA0	DM609F00CAA0ABQNV00BAFKA0	DAN0360411S	KCNDDHD5319	339,3	155,0	40,0
DN 65	2" 1/2	16	DM510E00CAA0ABQNV00BAFKA0	DM610E00CAA0ABQNV00BAFKA0	DAN0360411S	KCNEEHD5379	339,3	321,0	55,9
DN 80	3"	16	DM511E00CAA0ABQNV00BAFLA0	DM611E00CAA0ABQNV00BAFLA0	DAN0480411S	KCNEFHD5322	387,6	305,9	70,1
DN 100	4"	16	DM512E00CAA0ABQNV00BAFNA0	DM612E00CAA0ABQNV00BAFNA0	DAN0960411S	KCNEFHD5380	479,3	402,0	129,6

CODICI ARTICOLI IN LF2 ACCIAIO AL CARBONIO ITEM CODES IN LF2 CARBON STEEL

MISURA DN [mm]	SIZE [inch]	PN	CODICE ARTICOLO -SFERA A "L"- ITEM CODE -"L" BALL-	CODICE ARTICOLO -SFERA A "T"- ITEM CODE -"T" BALL-	ATTUATORE ACTUATOR	KIT di montaggio Mounting KIT	N [mm]	H [mm]	Kg
DN 15	1/2"	16-40	DM504F00CBA0AAQNV00BAFEA0	DM604F00CBA0AAQNV00BAFEA0	DAN0060412S	KCNACHD5378	198,0	180,4	8,9
DN 20	3/4"	16-40	DM505F00CBA0AAQNV00BAFGA0	DM605F00CBA0AAQNV00BAFGA0	DAN0106411S	KCNBCHD5265	237,0	211,3	13,8
DN 25	1"	16-40	DM506F00CBA0AAQNV00BAFGA0	DM606F00CBA0AAQNV00BAFGA0	DAN0106411S	KCNCCHD5317	237,0	220,3	18,5
DN 32	1" 1/4	16-40	DM507F00CBA0AAQNV00BAFHA0	DM607F00CBA0AAQNV00BAFHA0	DAN0120411S	KCNCCHD5317	244,1	227,0	24,2
DN 40	1" 1/2	16-40	DM508F00CBA0AAQNV00BAFIA0	DM608F00CBA0AAQNV00BAFIA0	DAN0180411S	KCNDDHD5319	289,9	269,5	31,8
DN 50	2"	16-40	DM509F00CBA0AAQNV00BAFKA0	DM609F00CBA0AAQNV00BAFKA0	DAN0360411S	KCNDDHD5319	339,3	155,0	40,0
DN 65	2" 1/2	16	DM510E00CBA0AAQNV00BAFKA0	DM610E00CBA0AAQNV00BAFKA0	DAN0360411S	KCNEEHD5379	339,3	321,0	55,9
DN 80	3"	16	DM511E00CBA0AAQNV00BAFLA0	DM611E00CBA0AAQNV00BAFLA0	DAN0480411S	KCNEFHD5322	387,6	305,9	70,1
DN 100	4"	16	DM512E00CBA0AAQNV00BAFNA0	DM612E00CBA0AAQNV00BAFNA0	DAN0960411S	KCNEFHD5380	479,3	402,0	129,6



MAGNUM SPLIT WAFER 3 WAY 4 SEALS - ANSI 150
ACCIAIO AL CARBONIO CARBON STEEL
CON ATTUATORE PNEUMATICO DA WITH DA PNEUMATIC ACTUATOR



CODICI ARTICOLI IN A105 ACCIAIO AL CARBONIO ITEM CODES IN A105 CARBON STEEL

MISURA DN [mm]	SIZE [inch]	ANSI	CODICE ARTICOLO -SFERA A "L"- ITEM CODE -"L" BALL-	CODICE ARTICOLO -SFERA A "T"- ITEM CODE -"T" BALL-	ATTUATORE ACTUATOR	KIT di montaggio Mounting KIT	N [mm]	H [mm]	Kg
DN 15	1/2"	150	DM504101CAA0ABQNV00BAFEA0	DM604101CAA0ABQNV00BAFEA0	DAN0060412S	KCNACHD5378	198,0	180,4	8,9
DN 20	3/4"	150	DM505101CAA0ABQNV00BAFGA0	DM605101CAA0ABQNV00BAFGA0	DAN0106411S	KCNBCHD5265	237,0	211,3	13,7
DN 25	1"	150	DM506101CAA0ABQNV00BAFGA0	DM606101CAA0ABQNV00BAFGA0	DAN0106411S	KCNCCHD5317	237,0	220,3	18,5
DN 32	1" 1/4	150	DM507101CAA0ABQNV00BAFHA0	DM607101CAA0ABQNV00BAFHA0	DAN0120411S	KCNCCHD5317	244,1	227,0	24,7
DN 40	1" 1/2	150	DM508101CAA0ABQNV00BAFIA0	DM608101CAA0ABQNV00BAFIA0	DAN0180411S	KCNDDHD5319	289,9	269,5	32,1
DN 50	2"	150	DM509101CAA0ABQNV00BAFKA0	DM609101CAA0ABQNV00BAFKA0	DAN0360411S	KCNDDHD5319	339,3	155,0	40,2
DN 65	2" 1/2	150	DM510101CAA0ABQNV00BAFKA0	DM610101CAA0ABQNV00BAFKA0	DAN0360411S	KCNEEHD5379	339,3	321,0	54,9
DN 80	3"	150	DM511101CAA0ABQNV00BAFLA0	DM611101CAA0ABQNV00BAFLA0	DAN0480411S	KCNEFHD5322	387,6	305,9	70,7
DN 100	4"	150	DM512101CAA0ABQNV00BAFNA0	DM612101CAA0ABQNV00BAFNA0	DAN0960411S	KCNEFHD5380	479,3	402,0	129,6

CODICI ARTICOLI IN LF2 ACCIAIO AL CARBONIO ITEM CODES IN LF2 CARBON STEEL

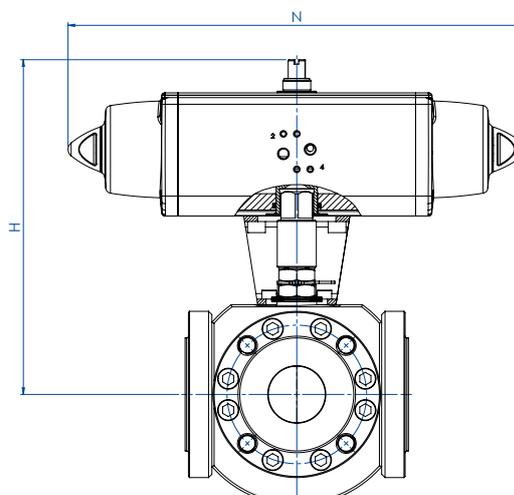
MISURA DN [mm]	SIZE [inch]	ANSI	CODICE ARTICOLO -SFERA A "L"- ITEM CODE -"L" BALL-	CODICE ARTICOLO -SFERA A "T"- ITEM CODE -"T" BALL-	ATTUATORE ACTUATOR	KIT di montaggio Mounting KIT	N [mm]	H [mm]	Kg
DN 15	1/2"	150	DM504101CBA0AAQNV00BAFEA0	DM604101CBA0AAQNV00BAFEA0	DAN0060412S	KCNACHD5378	198,0	180,4	8,9
DN 20	3/4"	150	DM505101CBA0AAQNV00BAFGA0	DM605101CBA0AAQNV00BAFGA0	DAN0106411S	KCNBCHD5265	237,0	211,3	13,7
DN 25	1"	150	DM506101CBA0AAQNV00BAFGA0	DM606101CBA0AAQNV00BAFGA0	DAN0106411S	KCNCCHD5317	237,0	220,3	18,5
DN 32	1" 1/4	150	DM507101CBA0AAQNV00BAFHA0	DM607101CBA0AAQNV00BAFHA0	DAN0120411S	KCNCCHD5317	244,1	227,0	24,7
DN 40	1" 1/2	150	DM508101CBA0AAQNV00BAFIA0	DM608101CBA0AAQNV00BAFIA0	DAN0180411S	KCNDDHD5319	289,9	269,5	32,1
DN 50	2"	150	DM509101CBA0AAQNV00BAFKA0	DM609101CBA0AAQNV00BAFKA0	DAN0360411S	KCNDDHD5319	339,3	155,0	40,2
DN 65	2" 1/2	150	DM510101CBA0AAQNV00BAFKA0	DM610101CBA0AAQNV00BAFKA0	DAN0360411S	KCNEEHD5379	339,3	321,0	54,9
DN 80	3"	150	DM511101CBA0AAQNV00BAFLA0	DM611101CBA0AAQNV00BAFLA0	DAN0480411S	KCNEFHD5322	387,6	305,9	70,7
DN 100	4"	150	DM512101CBA0AAQNV00BAFNA0	DM612101CBA0AAQNV00BAFNA0	DAN0960411S	KCNEFHD5380	479,3	402,0	129,6



MAGNUM SPLIT WAFER 3 WAY 4 SEALS - PN 16-40

ACCIAIO AL CARBONIO CARBON STEEL

CON ATTUATORE PNEUMATICO SR WITH SR PNEUMATIC ACTUATOR



CODICI ARTICOLI IN A105 ACCIAIO AL CARBONIO ITEM CODES IN A105 CARBON STEEL

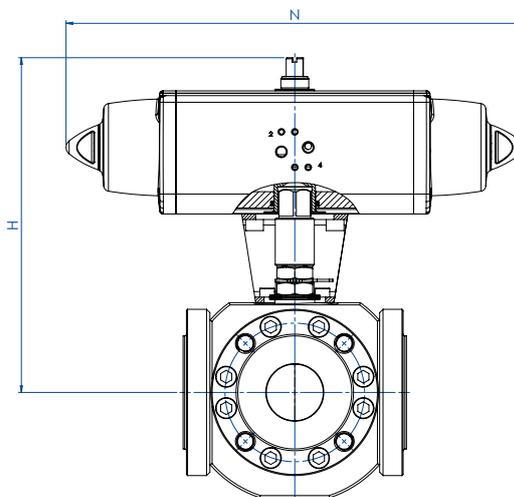
MISURA DN [mm]	SIZE [inch]	PN	CODICE ARTICOLO -SFERA A "L"- ITEM CODE -"L" BALL-	CODICE ARTICOLO -SFERA A "T"- ITEM CODE -"T" BALL-	ATTUATORE ACTUATOR	KIT di montaggio Mounting KIT	N [mm]	H [mm]	Kg
DN 15	1/2"	16-40	SM504F00CAA0ABQNV00BAFHAA0	SM604F00CAA0ABQNV00BAFHAA0	SRN0060401S	KCNACHD5381	338,5	197,0	10,7
DN 20	3/4"	16-40	SM505F00CAA0ABQNV00BAFIA0	SM605F00CAA0ABQNV00BAFIA0	SRN0090401S	KCNBDHD5382	393,7	245,5	17,4
DN 25	1"	16-40	SM506F00CAA0ABQNV00BAFIA0	SM606F00CAA0ABQNV00BAFIA0	SRN0090401S	KCNCDHD5329	393,7	254,5	22,2
DN 32	1" 1/4	16-40	SM507F00CAA0ABQNV00BAFJA0	SM607F00CAA0ABQNV00BAFJA0	SRN0120401S	KCNCDHD5329	409,6	261,1	28,7
DN 40	1" 1/2	16-40	SM508F00CAA0ABQNV00BAFKA0	SM608F00CAA0ABQNV00BAFKA0	SRN0180401S	KCNDDHD5383	474,0	280,0	36,1
DN 50	2"	16-40	SM509F00CAA0ABQNV00BAFMA0	SM609F00CAA0ABQNV00BAFMA0	SRN0360401S	KCNDEHD5330	613,0	339,0	50,7
DN 65	2" 1/2	16	SM510E00CAA0ABQNV00BAFMA0	SM610E00CAA0ABQNV00BAFMA0	SRN0360401S	KCNEFHD5322	613,0	351,0	66,7
DN 80	3"	16	SM511E00CAA0ABQNV00BAFNA0	SM611E00CAA0ABQNV00BAFNA0	SRN0480401S	KCNEFHD5392	648,2	339,0	83,7
DN 100	4"	16	SM512E00CAA0ABQNV00BAFRA0	SM612E00CAA0ABQNV00BAFRA0	SRN0960401S	KCNEGHD5384	828,0	441,7	155,2

CODICI ARTICOLI IN LF2 ACCIAIO AL CARBONIO ITEM CODES IN LF2 CARBON STEEL

MISURA DN [mm]	SIZE [inch]	PN	CODICE ARTICOLO -SFERA A "L"- ITEM CODE -"L" BALL-	CODICE ARTICOLO -SFERA A "T"- ITEM CODE -"T" BALL-	ATTUATORE ACTUATOR	KIT di montaggio Mounting KIT	N [mm]	H [mm]	Kg
DN 15	1/2"	16-40	SM504F00CBA0AAQNV00BAFHAA0	SM604F00CBA0AAQNV00BAFHAA0	SRN0060401S	KCNACHD5381	338,5	197,0	10,7
DN 20	3/4"	16-40	SM505F00CBA0AAQNV00BAFIA0	SM605F00CBA0AAQNV00BAFIA0	SRN0090401S	KCNBDHD5382	393,7	245,5	17,4
DN 25	1"	16-40	SM506F00CBA0AAQNV00BAFIA0	SM606F00CBA0AAQNV00BAFIA0	SRN0090401S	KCNCDHD5329	393,7	254,5	22,2
DN 32	1" 1/4	16-40	SM507F00CBA0AAQNV00BAFJA0	SM607F00CBA0AAQNV00BAFJA0	SRN0120401S	KCNCDHD5329	409,6	261,1	28,7
DN 40	1" 1/2	16-40	SM508F00CBA0AAQNV00BAFKA0	SM608F00CBA0AAQNV00BAFKA0	SRN0180401S	KCNDDHD5383	474,0	280,0	36,1
DN 50	2"	16-40	SM509F00CBA0AAQNV00BAFMA0	SM609F00CBA0AAQNV00BAFMA0	SRN0360401S	KCNDEHD5330	613,0	339,0	50,7
DN 65	2" 1/2	16	SM510E00CBA0AAQNV00BAFMA0	SM610E00CBA0AAQNV00BAFMA0	SRN0360401S	KCNEFHD5322	613,0	351,0	66,7
DN 80	3"	16	SM511E00CBA0AAQNV00BAFNA0	SM611E00CBA0AAQNV00BAFNA0	SRN0480401S	KCNEFHD5392	648,2	339,0	83,7
DN 100	4"	16	SM512E00CBA0AAQNV00BAFRA0	SM612E00CBA0AAQNV00BAFRA0	SRN0960401S	KCNEGHD5384	828,0	441,7	155,2



MAGNUM SPLIT WAFER 3 WAY 4 SEALS - ANSI 150
ACCIAIO AL CARBONIO CARBON STEEL
CON ATTUATORE PNEUMATICO SR WITH SR PNEUMATIC ACTUATOR



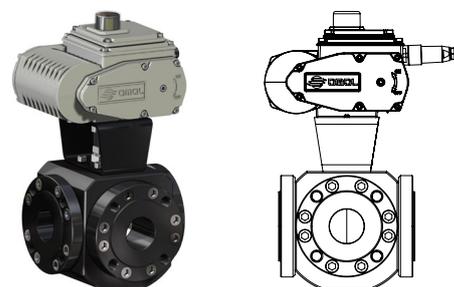
CODICI ARTICOLI IN A105 ACCIAIO AL CARBONIO ITEM CODES IN A105 CARBON STEEL

MISURA DN [mm]	SIZE [inch]	ANSI	CODICE ARTICOLO - SFERA A "L"- ITEM CODE - "L" BALL-	CODICE ARTICOLO - SFERA A "T"- ITEM CODE - "T" BALL-	ATTUATORE ACTUATOR	KIT di montaggio Mounting KIT	N [mm]	H [mm]	Kg
DN 15	1/2"	150	SM504101CAA0ABQNV00BAFHAA0	SM604101CAA0ABQNV00BAFHAA0	SRN0060401S	KCNACHD5381	338,5	197,0	10,7
DN 20	3/4"	150	SM505101CAA0ABQNV00BAFIA0	SM605101CAA0ABQNV00BAFIA0	SRN0090401S	KCNBDHD5382	393,7	245,5	17,3
DN 25	1"	150	SM506101CAA0ABQNV00BAFIA0	SM606101CAA0ABQNV00BAFIA0	SRN0090401S	KCNCDHD5329	393,7	254,5	22,2
DN 32	1" 1/4	150	SM507101CAA0ABQNV00BAFJA0	SM607101CAA0ABQNV00BAFJA0	SRN0120401S	KCNCDHD5329	409,6	261,1	29,2
DN 40	1" 1/2	150	SM508101CAA0ABQNV00BAFKA0	SM608101CAA0ABQNV00BAFKA0	SRN0180401S	KCNDDHD5383	474,0	280,0	36,4
DN 50	2"	150	SM509101CAA0ABQNV00BAFMA0	SM609101CAA0ABQNV00BAFMA0	SRN0360401S	KCNDEHD5330	613,0	339,0	50,9
DN 65	2" 1/2	150	SM510101CAA0ABQNV00BAFMA0	SM610101CAA0ABQNV00BAFMA0	SRN0360401S	KCNEFHD5322	613,0	351,0	65,7
DN 80	3"	150	SM511101CAA0ABQNV00BAFNA0	SM611101CAA0ABQNV00BAFNA0	SRN0480401S	KCNEFHD5392	648,2	339,0	84,3
DN 100	4"	150	SM512101CAA0ABQNV00BAFRA0	SM612101CAA0ABQNV00BAFRA0	SRN0960401S	KCNEGHD5384	828,0	441,7	155,2

CODICI ARTICOLI IN LF2 ACCIAIO AL CARBONIO ITEM CODES IN LF2 CARBON STEEL

MISURA DN [mm]	SIZE [inch]	ANSI	CODICE ARTICOLO - SFERA A "L"- ITEM CODE - "L" BALL-	CODICE ARTICOLO - SFERA A "T"- ITEM CODE - "T" BALL-	ATTUATORE ACTUATOR	KIT di montaggio Mounting KIT	N [mm]	H [mm]	Kg
DN 15	1/2"	150	SM504101CBA0AAQNV00BAFHAA0	SM604101CBA0AAQNV00BAFHAA0	SRN0060401S	KCNACHD5381	338,5	197,0	10,7
DN 20	3/4"	150	SM505101CBA0AAQNV00BAFIA0	SM605101CBA0AAQNV00BAFIA0	SRN0090401S	KCNBDHD5382	393,7	245,5	17,3
DN 25	1"	150	SM506101CBA0AAQNV00BAFIA0	SM606101CBA0AAQNV00BAFIA0	SRN0090401S	KCNCDHD5329	393,7	254,5	22,2
DN 32	1" 1/4	150	SM507101CBA0AAQNV00BAFJA0	SM607101CBA0AAQNV00BAFJA0	SRN0120401S	KCNCDHD5329	409,6	261,1	29,2
DN 40	1" 1/2	150	SM508101CBA0AAQNV00BAFKA0	SM608101CBA0AAQNV00BAFKA0	SRN0180401S	KCNDDHD5383	474,0	280,0	36,4
DN 50	2"	150	SM509101CBA0AAQNV00BAFMA0	SM609101CBA0AAQNV00BAFMA0	SRN0360401S	KCNDEHD5330	613,0	339,0	50,9
DN 65	2" 1/2	150	SM510101CBA0AAQNV00BAFMA0	SM610101CBA0AAQNV00BAFMA0	SRN0360401S	KCNEFHD5322	613,0	351,0	65,7
DN 80	3"	150	SM511101CBA0AAQNV00BAFNA0	SM611101CBA0AAQNV00BAFNA0	SRN0480401S	KCNEFHD5392	648,2	339,0	84,3
DN 100	4"	150	SM512101CBA0AAQNV00BAFRA0	SM612101CBA0AAQNV00BAFRA0	SRN0960401S	KCNEGHD5384	828,0	441,7	155,2

A richiesta, articoli disponibili anche con attuatore elettrico:
 On request, items available also with electric actuator:





MAGNUM SPLIT WAFER 3 WAY 4 SEALS

PN 16-40 ANSI 150

ACCIAIO INOX STAINLESS STEEL



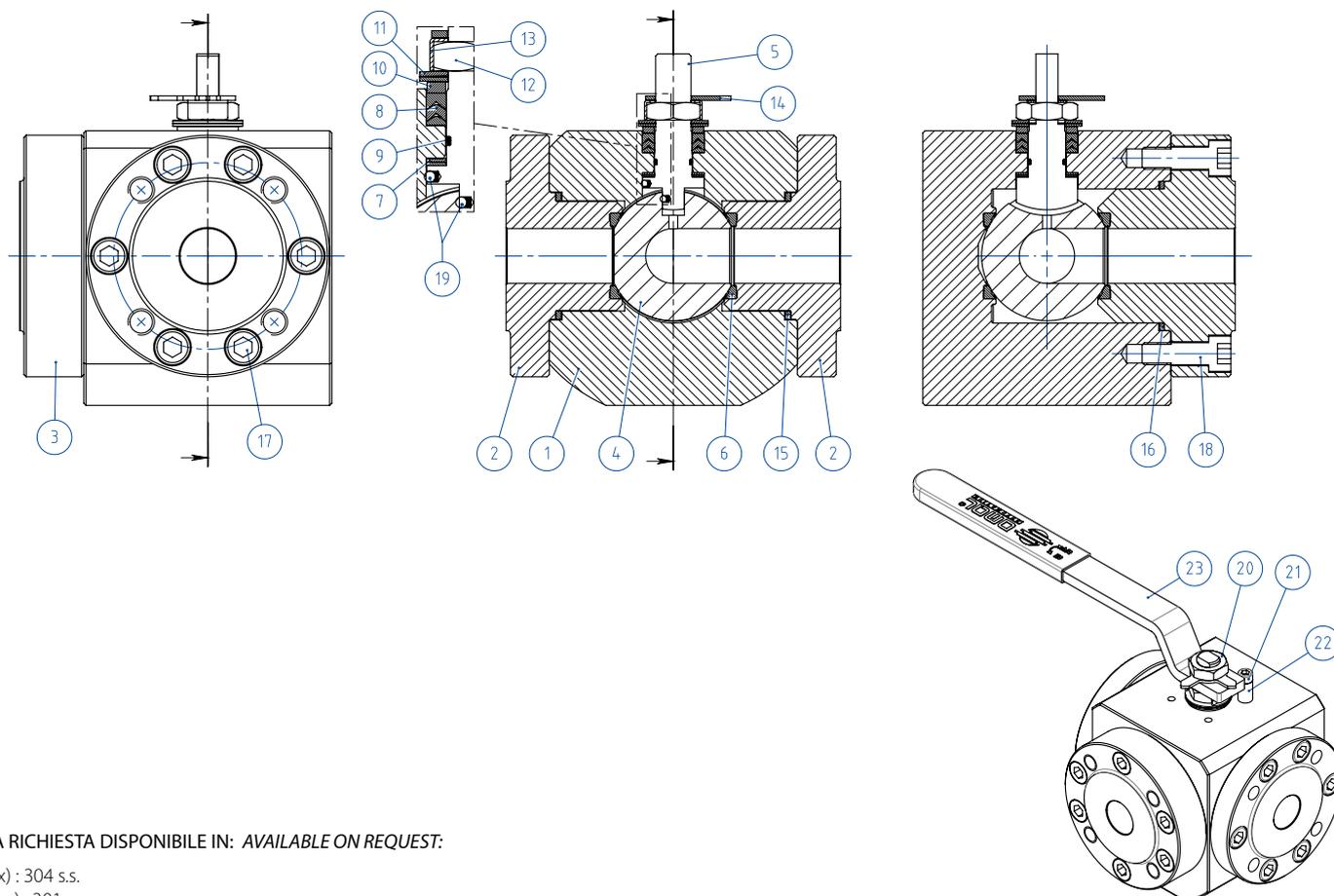
<p>ESECUZIONE STANDARD</p> <ul style="list-style-type: none"> • Sfera flottante, passaggio totale. • Tenuta soft seat PTFE Modificato. • Norme per flange d'attacco: EN1092-1, ASME B16.5. • Classi di pressione : ansi 150; PN16-40. • Classe di tenuta: EN12266-1 rate A. • Temperatura di utilizzo: -40°C +150°C. • Fluido intercettato: aria, acqua, gas, prodotti petroliferi e petrolchimici, fluidi aggressivi. • Antistatic device EN12266-2. • Tenuta stelo: pacco a V di serie in PTFE Modificato. • Tenuta addizionale su stelo con O-ring FKM. • Stelo anti Blow-out. • Foratura piano per attuatore a norma ISO 5211. 	<p>STANDARD FEATURES</p> <ul style="list-style-type: none"> • Floating ball, full bore. • Soft-seat seal Modified PTFE. • Standard for connecting flanges: EN1092-1, ASME B16.5. • Pressure Class : ansi 150; PN16-40. • Tightness Class: EN12266-1 rate A. • Working temperature: -40°C +150°C. • Intercepted fluid: air, water, gas, petroleum and petrochemical products, aggressive fluids. • Antistatic device EN12266-2. • Stem seal: Modified PTFE V-pack. • Additional seal on stem with FKM O-ring. • Anti Blow-out stem. • Actuator connection as per standard ISO 5211.
<p>ESECUZIONI A RICHIESTA</p> <ul style="list-style-type: none"> • Per altri tipi di flangiatura contattare il nostro ufficio commerciale. • Guarnizioni di tenuta in: PTFE caricato vetro (PTFE-GF), PTFE caricato carbografite (PTFE-CF). Per altri tipi di materiale contattare il nostro ufficio commerciale. • Leva inox. • Dadi e molle stelo inox. • Per esecuzioni con materiali (corpo/sfera/stelo) diversi dallo standard contattare il nostro ufficio commerciale. • Marcatura e certificato ATEX A RICHIESTA. 	<p>EXECUTION ON REQUEST</p> <ul style="list-style-type: none"> • For other flanges type please contact our sales department. • Sealing in: PTFE reinforced with glass (PTFE-GF), PTFE reinforced with carbon-graphite (PTFE-CF). For other types of materials please contact our sales department. • Stainless steel lever. • Stainless steel stem nuts and springs. • For versions with materials (body/ball/stem) different from the standard please contact our sales department. • ATEX marking and certificate ON REQUEST.
<p>CERTIFICAZIONI</p> <ul style="list-style-type: none"> • Conforme alla direttiva Europea 2014/68/EU PED; Fugitive Emission ISO 15848 (ISO FE BH-C03-SSA 0); Ta-Luft VDI: 2440. • Livello di sicurezza funzionale fino a SIL 3 in accordo a IEC 61508. • Conforme alla direttiva ATEX 2014/34/EU, certificato ATEX A RICHIESTA. 	<p>CERTIFICATIONS</p> <ul style="list-style-type: none"> • In compliance with European Directive 2014/68/EU PED; Fugitive Emission ISO 15848 (ISO FE BH-C03-SSA 0); Ta-Luft VDI: 2440. • Safety integrity level up to SIL 3 according to the IEC 61508. • In compliance with ATEX 2014/34/EU Directive, ATEX certificate ON REQUEST.
<p>NORME DI PROGETTAZIONE</p> <ul style="list-style-type: none"> • Spessori corpo in accordo a ASME B16.34, ASME VIII div.1, EN12516. • Materiali e rating in accordo ad ASME B16.34 per valvole ANSI ed EN12516 per valvole PN. 	<p>ENGINEERING STANDARD</p> <ul style="list-style-type: none"> • Body thickness in compliance with: ASME B16.34, ASME VIII div.1, EN12516. • Materials and rating in compliance with ASME B16.34 for ANSI valves and EN12516 for PN valves.



MAGNUM SPLIT WAFER 3 WAY 4 SEALS - PN 16-40 ANSI 150

ACCIAIO INOX *STAINLESS STEEL*

TABELLA DEI MATERIALI *MATERIALS TABLE*



A RICHIESTA DISPONIBILE IN: *AVAILABLE ON REQUEST:*

(x) : 304 s.s.

(xx) : 301 s.s.

MATERIALI <i>MATERIALS</i> - SPLIT WAFER PN16-40 ANSI 150		316 <i>Stainless steel</i>
N°	Descrizione <i>Description</i>	
1	Corpo <i>Body</i>	ASTM A182 F316 / A479TP316
2	Ghiera <i>Ring nut</i>	
3	Ghiera side entry <i>Side entry ring nut</i>	
4	Sfera <i>Ball</i>	ASTM A351 CF8M
5	Stelo <i>Stem</i>	A564 TP.630 (17-4PH)
6*	Seggio <i>Seat</i>	PTFE Modificato <i>Modified PTFE</i>
7*	Tenuta inferiore stelo <i>Stem lower sealing</i>	PTFE Modificato <i>Modified PTFE</i>
8*	Pacco a V <i>Chavron ring</i>	PTFE Modificato <i>Modified PTFE</i>
9*	O-ring stelo <i>Stem o-ring</i>	FKM
10	Anello premi guarnizione <i>Packing gland ring</i>	304 S.S.
11	Molle stelo <i>Stem springs</i>	Acciaio al carbonio zincato <i>Carbon steel galvanized (xx)</i>
12	Dado stelo <i>Stem nut</i>	Acciaio al carbonio zincato <i>Carbon steel galvanized (x)</i>
13	Piastra blocca dado <i>Stop nut plate</i>	304 S.S.
14	Indicatore <i>Indicator</i>	304 S.S.
15*	Guarnizione corpo ghiera <i>Body ring nut gasket</i>	GRAFOIL
16*	Guarnizione corpo ghiera side entry <i>Body side entry ring nut gasket</i>	GRAFOIL
17	Viti corpo ghiera <i>Body ring nut screw</i>	A2-70 (304 S.S.)
18	Viti corpo ghiera side entry <i>Body-side entering ring nut screw</i>	
19	Dispositivo antistatico <i>Antistatic device</i>	316 S.S.
20	Controdado <i>Lock nut</i>	Acciaio al carbonio zincato <i>Carbon steel galvanized (x)</i>
21	Vite di fermo <i>Holder screw</i>	A2-70 (304 S.S.)
22	Fermo di posizione <i>Holder screw</i>	Acciaio al carbonio zincato <i>Carbon steel galvanized (x)</i>
23	Leva <i>Lever</i>	Fe37 zincato - <i>galvanized (x)</i>

* Componenti del kit di guarnizioni *Components of seals kit*



MAGNUM SPLIT WAFER 3 WAY 4 SEALS - PN 16-40 ANSI 150

ACCIAIO INOX *STAINLESS STEEL*

ASSE LIBERO E CON LEVA - SFERA A "L" e "T" *FREE SHAFT AND WITH LEVER - "L" and "T" BALL*



CODICI VALVOLE IN ACCIAIO INOX ASSE LIBERO (V_) E CON LEVA (L_) -PN- STAINLESS STEEL BARE SHAFT (V_) AND LEVER (L_) OPERATED VALVE CODE -PN-

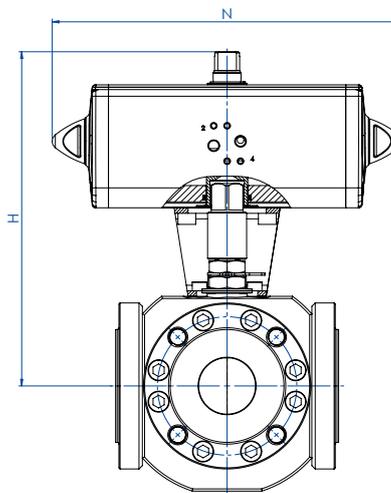
MISURA SIZE		PN	316 Stainless steel - "L" BALL	316 Stainless steel - "T" BALL
DN [mm]	[inch]			
DN 15	1/2"	PN 16-40	V/LM504F00ABA0AAQNV000	V/LM604F00ABA0AAQNV000
DN 20	3/4"	PN 16-40	V/LM505F00ABA0AAQNV000	V/LM605F00ABA0AAQNV000
DN 25	1"	PN 16-40	V/LM506F00ABA0AAQNV000	V/LM606F00ABA0AAQNV000
DN 32	1" 1/4	PN 16-40	V/LM507F00ABA0AAQNV000	V/LM607F00ABA0AAQNV000
DN 40	1" 1/2	PN 16-40	V/LM508F00ABA0AAQNV000	V/LM608F00ABA0AAQNV000
DN 50	2"	PN 16-40	V/LM509F00ABA0AAQNV000	V/LM609F00ABA0AAQNV000
DN 65	2" 1/2	PN 16	V/LM510E00ABA0AAQNV000	V/LM610E00ABA0AAQNV000
DN 80	3"	PN 16	V/LM511E00ABA0AAQNV000	V/LM611E00ABA0AAQNV000
DN 100	4"	PN 16	V/LM512E00ABA0AAQNV000	V/LM612E00ABA0AAQNV000

CODICI VALVOLE IN ACCIAIO INOX ASSE LIBERO (V_) E CON LEVA (L_) -ANSI- STAINLESS STEEL BARE SHAFT (V_) AND LEVER (L_) OPERATED VALVE CODE -ANSI-

MISURA SIZE		ANSI	316 Stainless steel - "L" BALL	316 Stainless steel - "T" BALL
DN [mm]	[inch]			
DN 15	1/2"	ANSI 150	V/LM504101ABA0AAQNV000	V/LM604101ABA0AAQNV000
DN 20	3/4"	ANSI 150	V/LM505101ABA0AAQNV000	V/LM605101ABA0AAQNV000
DN 25	1"	ANSI 150	V/LM506101ABA0AAQNV000	V/LM606101ABA0AAQNV000
DN 32	1" 1/4	ANSI 150	V/LM507101ABA0AAQNV000	V/LM607101ABA0AAQNV000
DN 40	1" 1/2	ANSI 150	V/LM508101ABA0AAQNV000	V/LM608101ABA0AAQNV000
DN 50	2"	ANSI 150	V/LM509101ABA0AAQNV000	V/LM609101ABA0AAQNV000
DN 65	2" 1/2	ANSI 150	V/LM510101ABA0AAQNV000	V/LM610101ABA0AAQNV000
DN 80	3"	ANSI 150	V/LM511101ABA0AAQNV000	V/LM611101ABA0AAQNV000
DN 100	4"	ANSI 150	V/LM512101ABA0AAQNV000	V/LM612101ABA0AAQNV000



MAGNUM SPLIT WAFER 3 WAY 4 SEALS - PN 16-40 ANSI 150
ACCIAIO INOX STAINLESS STEEL
CON ATTUATORE PNEUMATICO DA WITH DA PNEUMATIC ACTUATOR



CODICI ARTICOLI IN 316 ACCIAIO INOX ITEM CODES IN 316 STAINLESS STEEL -PN-

MISURA DN [mm]	SIZE [inch]	PN	CODICE ARTICOLO -SFERA A "L"- ITEM CODE -"L" BALL-	CODICE ARTICOLO -SFERA A "T"- ITEM CODE -"T" BALL-	ATTUATORE ACTUATOR	KIT di montaggio Mounting KIT	N [mm]	H [mm]	Kg
DN 15	1/2"	16-40	DM504F00ABA0AAQNV000AFEAO	DM604F00ABA0AAQNV000AFEAO	DAN0060412S	KCNACHD5378	198,0	180,4	8,9
DN 20	3/4"	16-40	DM505F00ABA0AAQNV000AFGAO	DM605F00ABA0AAQNV000AFGAO	DAN0106411S	KCNBCHD5265	237,0	211,3	13,8
DN 25	1"	16-40	DM506F00ABA0AAQNV000AFGAO	DM606F00ABA0AAQNV000AFGAO	DAN0106411S	KCNCCHD5317	237,0	220,3	18,5
DN 32	1" 1/4	16-40	DM507F00ABA0AAQNV000AFHAO	DM607F00ABA0AAQNV000AFHAO	DAN0120411S	KCNCCHD5317	244,1	227,0	24,2
DN 40	1" 1/2	16-40	DM508F00ABA0AAQNV000AFIAO	DM608F00ABA0AAQNV000AFIAO	DAN0180411S	KCNDDHD5319	289,9	269,5	31,8
DN 50	2"	16-40	DM509F00ABA0AAQNV000AFKAO	DM609F00ABA0AAQNV000AFKAO	DAN0360411S	KCNDDHD5319	339,3	155,0	40,0
DN 65	2" 1/2	16	DM510E00ABA0AAQNV000AFKAO	DM610E00ABA0AAQNV000AFKAO	DAN0360411S	KCNEEHD5379	339,3	321,0	55,9
DN 80	3"	16	DM511E00ABA0AAQNV000AFLAO	DM611E00ABA0AAQNV000AFLAO	DAN0480411S	KCNEFHD5322	387,6	305,9	70,1
DN 100	4"	16	DM512E00ABA0AAQNV000AFNAO	DM612E00ABA0AAQNV000AFNAO	DAN0960411S	KCNEFHD5380	479,3	402,0	129,6

CODICI ARTICOLI IN 316 ACCIAIO INOX ITEM CODES IN 316 STAINLESS STEEL -ANSI-

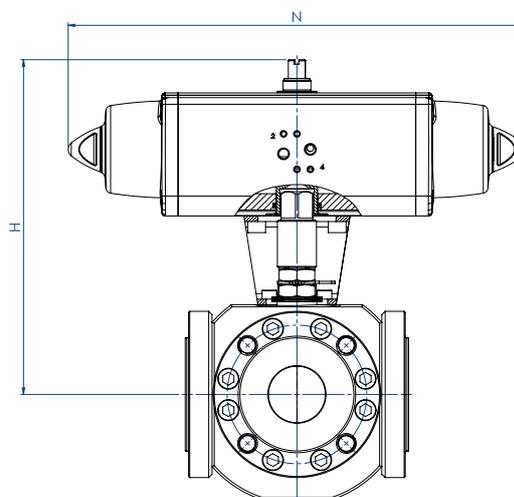
MISURA DN [mm]	SIZE [inch]	ANSI	CODICE ARTICOLO -SFERA A "L"- ITEM CODE -"L" BALL-	CODICE ARTICOLO -SFERA A "T"- ITEM CODE -"T" BALL-	ATTUATORE ACTUATOR	KIT di montaggio Mounting KIT	N [mm]	H [mm]	Kg
DN 15	1/2"	150	DM504101ABA0AAQNV000AFEAO	DM604101ABA0AAQNV000AFEAO	DAN0060412S	KCNACHD5378	198,0	180,4	8,9
DN 20	3/4"	150	DM505101ABA0AAQNV000AFGAO	DM605101ABA0AAQNV000AFGAO	DAN0106411S	KCNBCHD5265	237,0	211,3	13,7
DN 25	1"	150	DM506101ABA0AAQNV000AFGAO	DM606101ABA0AAQNV000AFGAO	DAN0106411S	KCNCCHD5317	237,0	220,3	18,5
DN 32	1" 1/4	150	DM507101ABA0AAQNV000AFHAO	DM607101ABA0AAQNV000AFHAO	DAN0120411S	KCNCCHD5317	244,1	227,0	24,7
DN 40	1" 1/2	150	DM508101ABA0AAQNV000AFIAO	DM608101ABA0AAQNV000AFIAO	DAN0180411S	KCNDDHD5319	289,9	269,5	32,1
DN 50	2"	150	DM509101ABA0AAQNV000AFKAO	DM609101ABA0AAQNV000AFKAO	DAN0360411S	KCNDDHD5319	339,3	155,0	40,2
DN 65	2" 1/2	150	DM510101ABA0AAQNV000AFKAO	DM610101ABA0AAQNV000AFKAO	DAN0360411S	KCNEEHD5379	339,3	321,0	54,9
DN 80	3"	150	DM511101ABA0AAQNV000AFLAO	DM611101ABA0AAQNV000AFLAO	DAN0480411S	KCNEFHD5322	387,6	305,9	70,7
DN 100	4"	150	DM512101ABA0AAQNV000AFNAO	DM612101ABA0AAQNV000AFNAO	DAN0960411S	KCNEFHD5380	479,3	402,0	129,6



MAGNUM SPLIT WAFER 3 WAY 4 SEALS - PN 16-40 ANSI 150

ACCIAIO INOX STAINLESS STEEL

CON ATTUATORE PNEUMATICO SR WITH SR PNEUMATIC ACTUATOR



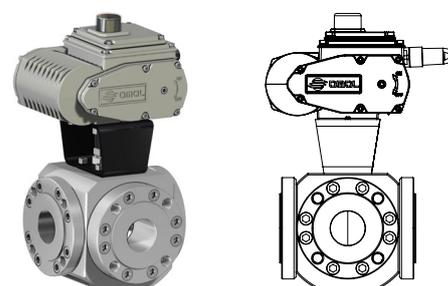
CODICI ARTICOLI IN 316 ACCIAIO INOX ITEM CODES IN 316 STAINLESS STEEL -PN-

MISURA DN [mm]	SIZE [inch]	PN	CODICE ARTICOLO -SFERA A "L"- ITEM CODE -"L" BALL-	CODICE ARTICOLO -SFERA A "T"- ITEM CODE -"T" BALL-	ATTUATORE ACTUATOR	KIT di montaggio Mounting KIT	N [mm]	H [mm]	Kg
DN 15	1/2"	16-40	SM504F00ABA0AAQNV000AFHA0	SM604F00ABA0AAQNV000AFHA0	SRN0060401S	KCNACHD5381	338,5	197,0	10,7
DN 20	3/4"	16-40	SM505F00ABA0AAQNV000AFIA0	SM605F00ABA0AAQNV000AFIA0	SRN0090401S	KCNBDHD5382	393,7	245,5	17,4
DN 25	1"	16-40	SM506F00ABA0AAQNV000AFIA0	SM606F00ABA0AAQNV000AFIA0	SRN0090401S	KCNCDHD5329	393,7	254,5	22,2
DN 32	1" 1/4	16-40	SM507F00ABA0AAQNV000AFJA0	SM607F00ABA0AAQNV000AFJA0	SRN0120401S	KCNCDHD5329	409,6	261,1	28,7
DN 40	1" 1/2	16-40	SM508F00ABA0AAQNV000AFKA0	SM608F00ABA0AAQNV000AFKA0	SRN0180401S	KCNDDHD5383	474,0	280,0	36,1
DN 50	2"	16-40	SM509F00ABA0AAQNV000AFMA0	SM609F00ABA0AAQNV000AFMA0	SRN0360401S	KCNDEHD5330	613,0	339,0	50,7
DN 65	2" 1/2	16	SM510E00ABA0AAQNV000AFMA0	SM610E00ABA0AAQNV000AFMA0	SRN0360401S	KCNEFHD5322	613,0	351,0	66,7
DN 80	3"	16	SM511E00ABA0AAQNV000AFNA0	SM611E00ABA0AAQNV000AFNA0	SRN0480401S	KCNEFHD5392	648,2	339,0	83,7
DN 100	4"	16	SM512E00ABA0AAQNV000AFRA0	SM612E00ABA0AAQNV000AFRA0	SRN0960401S	KCNEGHD5384	828,0	441,7	155,2

CODICI ARTICOLI IN 316 ACCIAIO INOX ITEM CODES IN 316 STAINLESS STEEL -ANSI-

MISURA DN [mm]	SIZE [inch]	ANSI	CODICE ARTICOLO -SFERA A "L"- ITEM CODE -"L" BALL-	CODICE ARTICOLO -SFERA A "T"- ITEM CODE -"T" BALL-	ATTUATORE ACTUATOR	KIT di montaggio Mounting KIT	N [mm]	H [mm]	Kg
DN 15	1/2"	150	SM504101ABA0AAQNV000AFHA0	SM604101ABA0AAQNV000AFHA0	SRN0060401S	KCNACHD5381	338,5	197,0	10,7
DN 20	3/4"	150	SM505101ABA0AAQNV000AFIA0	SM605101ABA0AAQNV000AFIA0	SRN0090401S	KCNBDHD5382	393,7	245,5	17,3
DN 25	1"	150	SM506101ABA0AAQNV000AFIA0	SM606101ABA0AAQNV000AFIA0	SRN0090401S	KCNCDHD5329	393,7	254,5	22,2
DN 32	1" 1/4	150	SM507101ABA0AAQNV000AFJA0	SM607101ABA0AAQNV000AFJA0	SRN0120401S	KCNCDHD5329	409,6	261,1	29,2
DN 40	1" 1/2	150	SM508101ABA0AAQNV000AFKA0	SM608101ABA0AAQNV000AFKA0	SRN0180401S	KCNDDHD5383	474,0	280,0	36,4
DN 50	2"	150	SM509101ABA0AAQNV000AFMA0	SM609101ABA0AAQNV000AFMA0	SRN0360401S	KCNDEHD5330	613,0	339,0	50,9
DN 65	2" 1/2	150	SM510101ABA0AAQNV000AFMA0	SM610101ABA0AAQNV000AFMA0	SRN0360401S	KCNEFHD5322	613,0	351,0	65,7
DN 80	3"	150	SM511101ABA0AAQNV000AFNA0	SM611101ABA0AAQNV000AFNA0	SRN0480401S	KCNEFHD5392	648,2	339,0	84,3
DN 100	4"	150	SM512101ABA0AAQNV000AFRA0	SM612101ABA0AAQNV000AFRA0	SRN0960401S	KCNEGHD5384	828,0	441,7	155,2

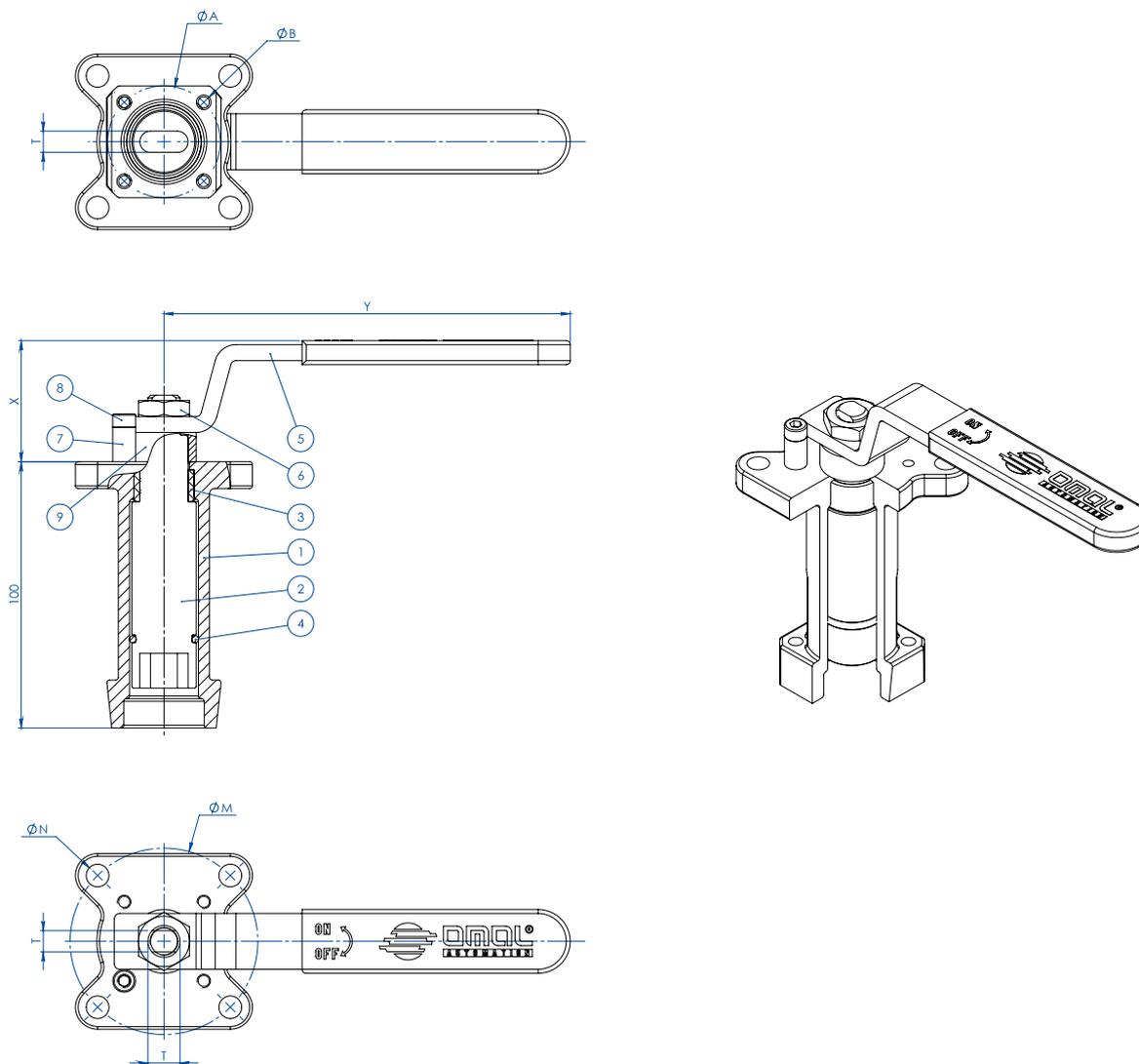
A richiesta, articoli disponibili anche con attuatore elettrico.
On request, items available also with electric actuator:





MAGNUM & THOR ACCESSORI ACCESSORIES

PROLUNGA GUIDATA DA FUSIONE A LEVA CASTING STEM EXTENSION WITH LEVER



MATERIALI MATERIALS		
PART. N°	DESCRIZIONE - DESCRIPTION	MATERIALE - MATERIAL
1	Prolunga Extension	ASTM A351 CF8M
2	Perno Pin	AISI 430 F
3	Bussola Bush	DELTRIN
4	O-RING O-RING	NBR
5	Leva Lever	Fe 37 galvanized (*)
6	Dado Nut	Galvanized carbon steel (*)
7	Fermo leva Holder Lever	Galvanized carbon steel (*)
8	Vite fermo leva Holder screw	A2-70
9	Distanziale Spacer	PTFE Carbon Filled

(*): a richiesta disponibili in 304 S.S. On request available in Aisi 304 s.s.

DIMENSIONI DIMENSIONS							
ISO VALVOLA VALVE	ØA	ØB	ØM	ØN	F/T	X	Y
F03	36	5,5	36	M5	10/6	38,5	141,5
F04	42	5,5	42	M5	12/8	45,5	151,5
F05	50	6,5	50	6,5	16/10	48,5	276,5
F07	70	8,5	70	8,5	22/14	57,5	351,5
F10	102	11	102	11	30/18	79,5	451,5

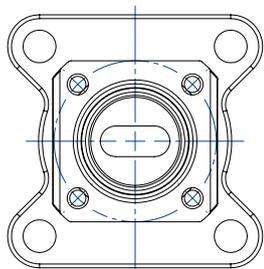
NOTA: Il codice della prolunga dipende dal tipo di azionamento e dall'attacco valvola; richiedere in fase d'ordine.

NOTE: Code of the stem extension depending from drive's type and valve's connection; to be requested at the order.

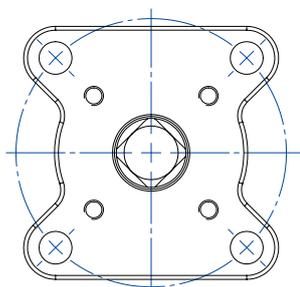
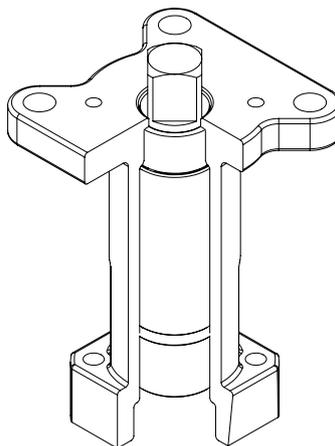
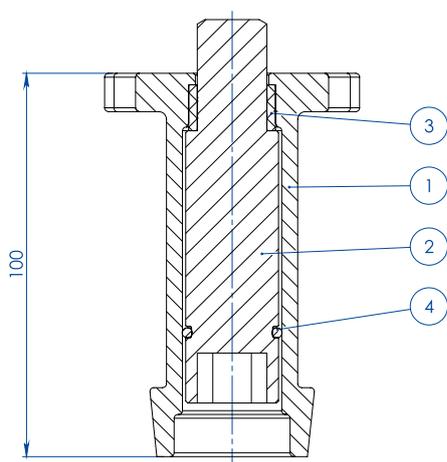


MAGNUM & THOR ACCESSORI ACCESSORIES

PROLUNGA GUIDATA DA FUSIONE PER ATTUATORE CASTING STEM EXTENSION FOR ACTUATORS



NOTA: Le dimensioni dipendono dalle dimensioni dell'attacco valvola
NOTE: Dimensions depending from valve's connection



NOTA: Le dimensioni dipendono dalla taglia dell'attuatore
NOTE: Dimensions depending from actuator's size

MATERIALI MATERIALS		
PART. N°	DESCRIZIONE DESCRIPTION	MATERIALE MATERIAL
1	Prolunga Extension	ASTM A351 CF8M
2	Perno Pin	AISI 430 F
3	Bussola Bush	DELRIN
4	O-RING O-RING	NBR

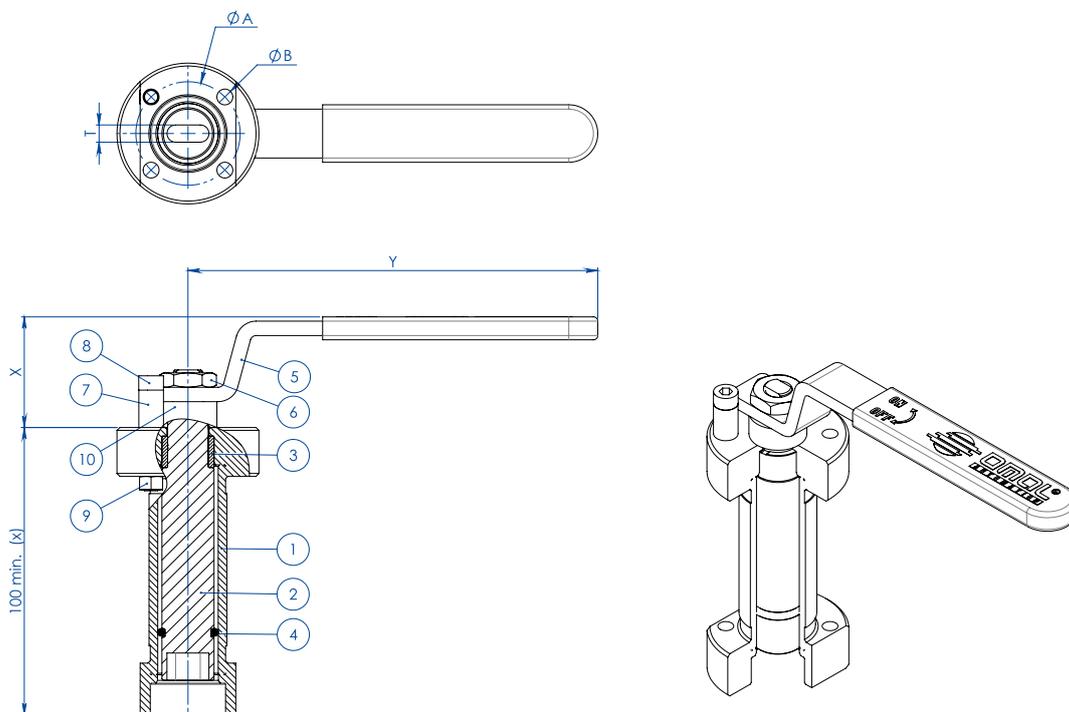
NOTA: Il codice della prolunga dipende dal tipo di azionamento e dall'attacco valvola; richiedere in fase d'ordine.

NOTE: Code of the stem extension depending from drive's type and valve's connection; to be requested at the order.



MAGNUM & THOR ACCESSORI ACCESSORIES

PROLUNGA GUIDATA SALDATA A LEVA WELDED STEM EXTENSION WITH LEVER



(x): A richiesta disponibili diverse misure
On request available different sizes

MATERIALI MATERIALS		
PART. N°	DESCRIZIONE - DESCRIPTION	MATERIALE - MATERIAL
1	Prolunga Extension	304 S.S.
2	Perno Pin	AISI 430 F
3	Bussola Bush	DELIRIN
4	O-RING O-RING	NBR
5	Leva Lever	Fe 37 galvanized (*)
6	Dado Nut	Galvanized carbon steel (*)
7	Fermo leva Holder Lever	Galvanized carbon steel (*)
8	Vite fermo leva Holder screw	A2-70
9	Dado fermo leva Holder nut	A2-70 (**)
10	Distanziale Spacer	PTFE Carbon Filled

(*): a richiesta disponibili in 304 S.S. On request available in Aisi 304 s.s.

(**): non presente su valvole con attacco iso F04. No available on valves with Iso connection F04

DIMENSIONI DIMENSIONS							
ISO VALVOLA VALVE	ØA	ØB	ØM	ØN	F/T	X	Y
F03	36	5,5	36	5,5	10/6	38,5	141,5
F04	42	5,5	42	M5	12/8	45,5	151,5
F05	50	6,5	50	6,5	16/10	48,5	276,5
F07	70	9	70	9	22/14	57,5	351,5
F10	102	11	102	11	30/18	79,5	451,5

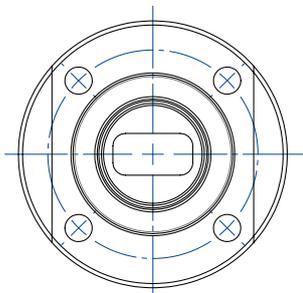
NOTA: Il codice della prolunga dipende dal tipo di azionamento e dall'attacco valvola; richiedere in fase d'ordine.

NOTE: Code of the stem extension depending from drive's type and valve's connection; to be requested at the order.

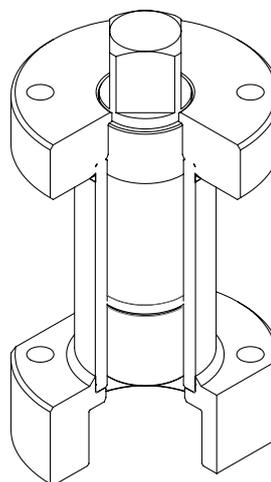
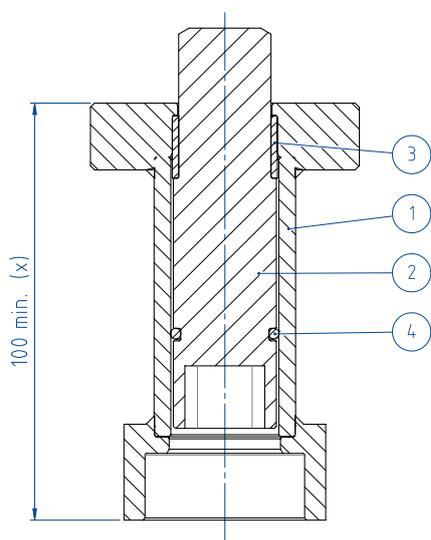


MAGNUM & THOR ACCESSORI ACCESSORIES

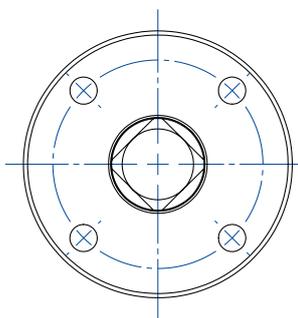
PROLUNGA GUIDATA SALDATA PER ATTUATORE WELDED STEM EXTENSION FOR ACTUATORS



NOTA: Le dimensioni dipendono dalle dimensioni dell'attacco valvola
NOTE: Dimensions depending from valve's connection



(x): A richiesta disponibili diverse misure
On request available different sizes



NOTA: Le dimensioni dipendono dalla taglia dell'attuatore
NOTE: Dimensions depending from actuator's size

MATERIALI MATERIALS		
PART. N°	DESCRIZIONE DESCRIPTION	MATERIALE MATERIAL
1	Prolunga Extension	304 S.S.
2	Perno Pin	AISI 430 F
3	Bussola Bush	DELFIN
4	O-RING O-RING	NBR

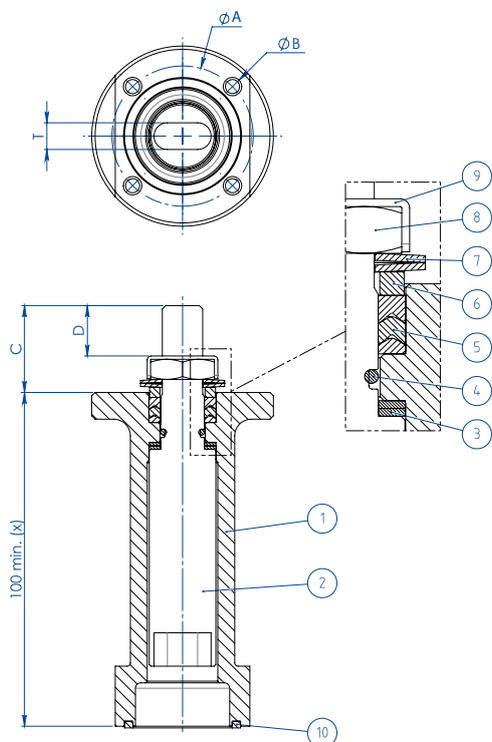
NOTA: Il codice della prolunga dipende dal tipo di azionamento e dall'attacco valvola; richiedere in fase d'ordine.

NOTE: Code of the stem extension depending from drive's type and valve's connection; to be requested at the order.

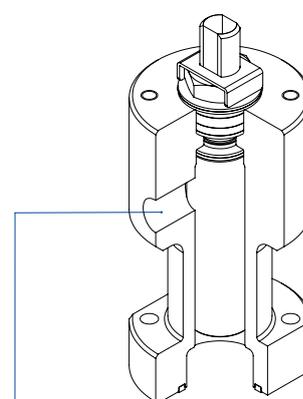
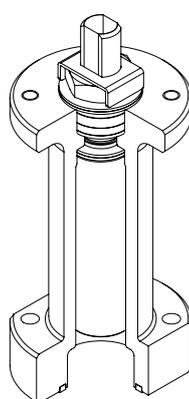


MAGNUM & THOR ACCESSORI ACCESSORIES

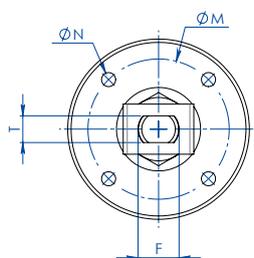
PROLUNGA CON TENUTA AGGIUNTIVA STEM EXTENSION WITH ADDITIONAL SEAL



(x): A richiesta disponibili diverse misure
On request available different sizes



A richiesta disponibile anche la versione con presa per Sniffer
Stem extension with sniffer also available on request



MATERIALI MATERIALS

PART. N°	DESCRIZIONE - DESCRIPTION	MATERIALE - MATERIAL
1	Prolunga Extension	304 s.s.
2	Perno Pin	A564 TP.630 (17-4ph)
3	Anello Antifrizione Bottom Sealing	TFM1600
4	O-Ring O-Ring	FKM
5	Pacco A V Chevron Ring	TFM1600
6	Anello Premiguarnizione Packing Gland Ring	304 s.s.
7	Molle A Tazza Spring Washer	50CrV4 Zincato - Galvanized
8	Dado Stelo Stem Nut	UNI 3740-1 6S Zincato - Galvanized
9	Piastra Blocca Dado Stop Nut Plate	304 s.s.
10	Guarnizione di tenuta Gasket	GRAFOIL

DIMENSIONI DIMENSIONS

ISO VALVOLA VALVE	ØA	ØB	ØM	ØN	F/T	C	D
F03	36	5,5	36	M5	10/6	20	10,2
F04	42	5,5	42	M5	12/8	26	15,1
F05	50	6,5	50	M6	16/10	35	21,2
F07	70	8,5	70	M8	22/14	47,5	28,4
F10	102	10,5	102	M10	30/18	61	35,2

NOTA: Il codice della prolunga dipende dal tipo di azionamento e dall'attacco valvola; richiedere in fase d'ordine.

NOTE: Code of the stem extension depending from drive's type and valve's connection; to be requested at the order.

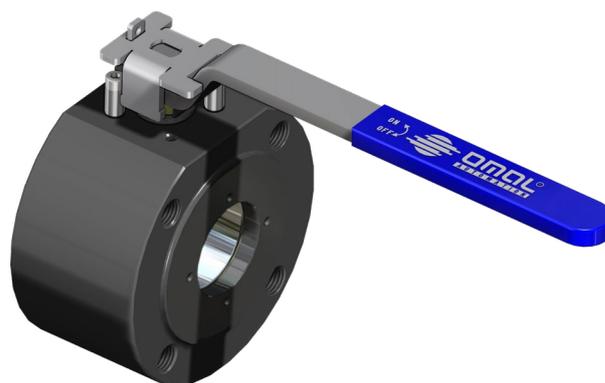




ESECUZIONI SPECIALI A RICHIESTA PER MAGNUM & THOR SPECIAL EXECUTIONS ON REQUEST FOR MAGNUM & THOR



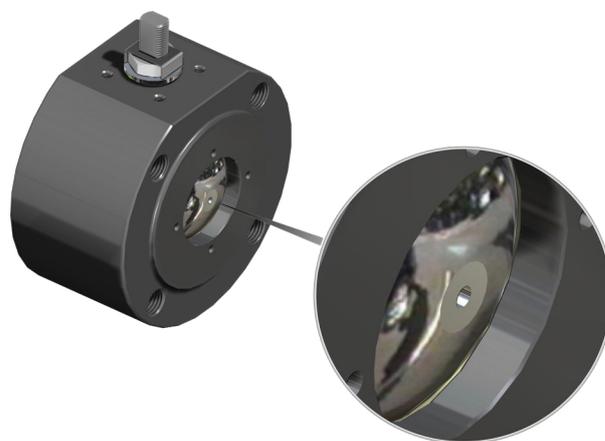
LEVA E BOX FINECORSA
LEVER AND LIMIT SWITCH BOX



DISPOSITIVO LUCCHETTABILE
LOCKING DEVICE



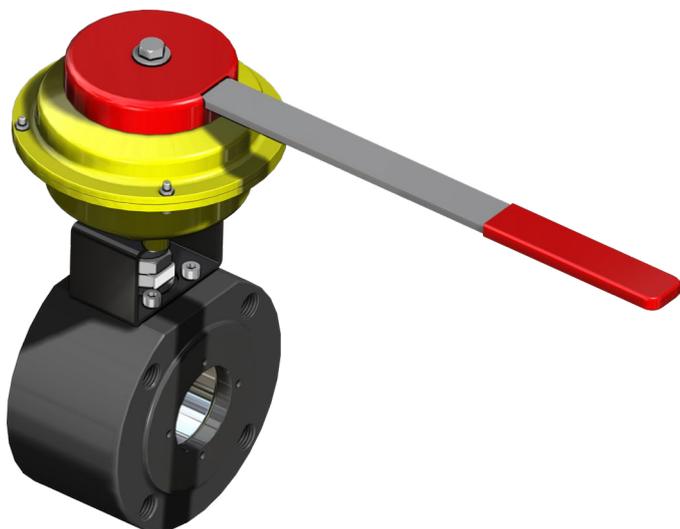
FORI LISCI PASSANTI
THROUGH HOLES



FORO DI COMPENSAZIONE
PRESSURE RELIEF HOLE



ESECUZIONI SPECIALI A RICHIESTA PER MAGNUM & THOR SPECIAL EXECUTIONS ON REQUEST FOR MAGNUM & THOR



DEAD MAN
DEAD MAN



ESECUZIONE FONDO SERBATOIO
TANK EXECUTION



RIDUTTORE MANUALE
MANUAL GEAR-BOX



RIDUTTORE MANUALE E BOX FINECORSA
MANUAL GEAR-BOX AND LIMIT SWITCH BOX





American Petroleum Institute



2018-151 | Digital

Certificate of Authority to use the Official API Monogram

License Number: 6D-1007 **ORIGINAL**

The American Petroleum Institute hereby grants to

OMAL SPA
Via Ponte Nuovo, 11
Rodengo Saiano, Brescia
Italy

the right to use the Official API Monogram® on manufactured products under the conditions in the official publications of the American Petroleum Institute entitled API Spec Q1® and **API-6D** and in accordance with the provisions of the License Agreement.

In all cases where the Official API Monogram is applied, the API Monogram shall be used in conjunction with this certificate number: **6D-1007**

The American Petroleum Institute reserves the right to revoke this authorization to use the Official API Monogram for any reason satisfactory to the Board of Directors of the American Petroleum Institute.

The scope of this license includes the following: Ball Valves

QMS Exclusions: No Exclusions Identified as Applicable

Effective Date: AUGUST 13, 2022
Expiration Date: AUGUST 13, 2025

Anchal Liddar
Senior Vice President of Global Industry Services

To verify the authenticity of this license, go to www.api.org/compositelist.

▲ **API 6D (Valvole Split Body THOR Split Body THOR valves)**

Certificazione del Sistema di Qualità applicato per la progettazione, fabbricazione, ispezione finale e la prova di valvole a sfera per impianti del settore del petrolio e dal gas naturale in accordo allo standard API6D ed autorizzazione all'applicazione del Monogramma API da parte dell'American Petroleum Institute.

Certification of the Quality Management System operated by OMAL for the design, manufacture, final inspection and tests of ball valves for installations in the sector of oil and natural gas according to the API6D Spec. and license by American Petroleum Institute to the API monogram application.



CERTIFICATE

This certifies, that the company

Omial S.p.A.
Via Ponte Nuovo, 11
25050 Rodengo Saiano (BS)
Italy

Is authorized to provide the product mentioned below

Description of product: **2-ways wafer, split wafer and split body floating ball valve series
Magnum, Thor**

In accordance with: **EN 61508:2010 Parts 1, 2, 4, 5, 6, 7**



Registration No 20 20534 02
Test Report No FS-23789-23-M-06
File reference 23789-06

Fabrizio
TUV NORD Italia S.r.l. (TUV NORD Group)
Via Turati, 10 20023 Cerro Maggiore (MI)

Validity
from 2023-07-29
until 2026-07-29

Cerro Maggiore, 2023-07-29
prodotto@tuev-nord.it

Please also pay attention to the information stated overleaf

TUV-QP(IND-SIL-01)-14-Rev01_01_2020-Certificate_Type A

▲ **SIL**

Certificazione di conformità alla norma IEC 61508, del livello di sicurezza funzionale del prodotto destinato ad essere integrato in sistemi con un livello di integrità funzionale fino a SIL 3.

Certification of compliance to the IEC 61508 requirements, of the functional safety level provided by the product intended to be integrated in systems with required safety integrity level up to SIL 3.





Appareil non électrique destiné à être utilisé en atmosphères explosibles
Non electrical equipment intended for use in potentially explosive atmospheres
Apparecchi non elettrici destinati ad essere utilizzati in atmosfera potenzialmente esplosiva

Directive 2014/34/EU
Directive 2014/34/UE / Direttiva 2014/34/UE

ACCUSÉ DE RECEPTION D'UN DOSSIER TECHNIQUE
ACKNOWLEDGE RECEIPT OF TECHNICAL DOCUMENTATION
AVVISO DI RICEVIMENTO DEL FASCICOLO TECNICO

Appareil / Equipment / Apparecchiatura: **BALL VALVES**

Type(s) / Type(s) / Tipi(i): **Wafer type, Split body type, Split Wafer type steel ball valves / Two-piece, Three-piece steel ball valve High-pressure - threaded ends / Two-piece brass ball valves threaded ends**

Marquage / Marking / Marcatura:  **II 2 GD**

Dépositaire / Applicant / Richiedente: **OMAL S.p.A.**
Via Ponte Nuovo 11
I- 25050 Rodengo Saiano (BS)

L'INERIS, organisme notifié et identifié sous le numéro 0080, conformément aux articles 17 et 21 de la Directive du Conseil 2014/34/UE du 26 février 2014, accuse réception du dossier conformément à la procédure décrite au chapitre 3, article 13 (1) b) ii) de la Directive.

L'INERIS, organismo notificato e identificato con il n.0080 conformemente agli articoli 17 e 21 della Direttiva 2014/34/UE del Consiglio dell'Unione Europea del 26 febbraio 2014, conferma il ricevimento del fascicolo di documentazione tecnica, in conformità alla procedura prevista nella rubrica 3, articolo 13 (1) b) ii) della Direttiva.

La documentazione technique référencée : VS-19 dated 10/10/2019
est consignée sous le numéro d'enregistrement : n° INERIS-EQEN 035241/19.
Dans le cadre de cet enregistrement, INERIS n'a pas examiné le contenu de la documentation technique.

The technical documentation referenced : VS-19 dated 10/10/2019
is assigned under the reference : n° INERIS-EQEN 035241/19.
Within the scope of the recording, INERIS did not examine the content of the technical documentation.

Data de fin de validité : 2029.11.07

La documentazione tecnica di riferimento : VS-19 dated 10/10/2019
è depositata con il numero di registrazione : n° INERIS-EQEN 035241/19.
Nel quadro di questa registrazione, INERIS non ha esaminato il contenuto della documentazione tecnica.

Data di fine di validità : 2029.11.07

Verneuil-en-Halatte, le 2019.11.07

Le Directeur Général de INERIS,
Par délégation,

The Chief Executive Officer of INERIS,
By delegation,

Il Direttore generale dell' INERIS,
Per Delega,

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tél : +33(0)3 44 55 66 77 fax : +33(0)3 44 55 66 99 internet : www.ineris.fr

Institut national de l'environnement industriel et des risques
Etablissement public à caractère industriel et commercial - RCS Compilège 3 381 964 924 - Siret 381 964 921 00019 - APE 7120Z - TVA Intracom FR 73 361 964 921

▲ **ATEX**

Dichiarazione che il Sistema di Qualità applicato per la progettazione, fabbricazione, ispezione finale e la prova di valvole industriali è in accordo con i requisiti della Direttiva ATEX per apparecchiature destinate all'impiego in ambienti con atmosfera potenzialmente esplosiva.

Declaration that the Quality Management System operated by OMAL for the design, manufacture, final inspection and tests of industrial valves is in compliance with the Directive ATEX for equipment intended to be used in potentially explosive atmospheres.




Scegli la certifica. Aggiungi valore.

FUGITIVE EMISSION CERTIFICATE

CERTIFICATE NUMBER: FG-063579-647

CLIENT: OMAL
ADDRESS: Via Ponte Nuovo, 11 25050 Rodengo Saliano (BS) - Italy

REPORT NUMBER: 38

SCOPE OF REPORT: Fugitive Emission test carried out according to: ISO 15848-1 Edition 2015

max BAR: 100,0 Bar
max °C: +200°C

QUALIFIED VALVE: Size: 1"1/2 (Stem Dia. 23mm)
Rating Class: ANSI 600
Drawing N°: Y_4700
Type: SPLIT BODY BALL VALVE

RANGE AND TYPE OF VALVES COVERED: ISO FE BH-C03-SSA0-4(-29°C, 200°C)-ANSI600-ISO 15848-1
In accordance with ISO 15848, we also extend the certification to valve with same stem and body seals material, design (shape) and construction, with stem size 50% lower and 200% higher than stem tested.
Paragraph 8 e): Stem tested Ø23 mm => Ø11.5 mm ≤ Stem certified ≤ Ø46 mm
Paragraph 8 f): Pressure SANSI600
The valve certified in accordance with paragraph 8 e) & 8 f) are:
From DN15 FB to DN 100 FB, ANSI ≤ cl.600 and PN ≤ 100 of series M4, T1.
From DN20 RB to DN150 RB, ANSI ≤ cl.600 and PN ≤ 100 of series T1.

TUV INSPECTOR: Mastroiacomo Simone
CERTIFICATION DATE: 07/09/2015
MANAGEMENT OF INSPECTION SERVICE: Freochiamì Mauro

TUV Italia s.r.l. - TÜV SÜD Group

▲ FUGITIVE EMISSION

Certificazione di conformità ai requisiti di non emissione verso l'esterno di sostanze nocive, in accordo con la norma UNI EN ISO 15848-1, per applicazione con fluidi volatili inquinanti e pericolosi.
Certification in compliance with UNI EN ISO 15848-1 requirements of non-emission of harmful substances to the outside, referring to volatile air pollutants and hazardous fluids applications.



FULL QUALITY ASSURANCE CERTIFICATE

Certificate No.: C53962 Initial date: 01 January, 2023 Validity: 01 January, 2023 – 31 December, 2025
This certificate consists of 2 pages

This is to certify that the quality system of:
OMAL S.p.A.
Via Ponte Nuovo, 11 - 25050 Rodengo Saiano (BS) - Italy

has been assessed and found to comply with respect to the conformity assessment procedure described in:
ANNEX III MODULE H OF DIRECTIVE 2014/68/EU ON PRESSURE EQUIPMENT

This certificate is valid for the following scope:
Type of Pressure Equipment: Pressure Accessory
Product Name: Ball valves, high pressure ball valves, butterfly valves, pneumatic valves.

Place and date: Vimercate, 03 December, 2022

Check Validity: 

ACCREDIA
ENIT (EUROPEAN UNION) ACCREDITED

For the issuing office:
Notified Body 0496, Italy
DNV Business Assurance Italy S.r.l.
Nicola Privato
Management Representative

Lack of fulfillment of conditions as set out in the Certification Agreement may render this Certificate invalid.
NOTIFIED BODY 0496: DNV Business Assurance Italy S.r.l. Via Energy Park, 14, 20071 Vimercate (MB), Italy. Tel: 039 09 99 900. www.dnv.com ICP-4-0 PED-0 rev.0

▲ PED

Certificazione del Sistema di Qualità applicato per la progettazione, fabbricazione, ispezione finale e la prova di valvole industriali in accordo con i requisiti della Direttiva PED.
OMAL operated Quality Management System Certificate for the design, manufacture, final inspection and tests of industrial valves in accordance with PED Directives



Scegli la certifica. Aggiungi valore.

FIRE SAFE CERTIFICATE

CERTIFICATE NUMBER: FS-063579-228

CLIENT: OMAL
ADDRESS: Via Ponte Nuovo, 11 25050 Rodengo Saliano (BS)- Italy

REPORT NUMBER: 1253

SCOPE OF REPORT: Fire Safe test carried out according to: API 607 Sixth Edition September 2010, ISO 10497 Third Edition September 2010

max BAR: 114,9 Bar
max °C: +922°C

QUALIFIED VALVE: Size: 2"
Rating Class: PN63
Drawing N°: Y_2156
Model: V587V/M4 (MAGNUM)
Type: FLOATING BALL VALVE SPLIT WAFER

RANGE AND TYPE OF VALVES COVERED: NPS 2" and below, 2"1/2, 3", 4" (DN 50 and below, 65, 80, 100)
Class 300; 600 (PN 63, 100)

TUV INSPECTOR: Freochiamì Mauro
CERTIFICATION DATE: 12/02/13
MANAGEMENT OF INSPECTION SERVICE: Freochiamì Mauro

TUV Italia s.r.l. - TÜV SÜD Group

▲ FIRE SAFE

Certificazione della capacità di tenuta di una valvola in pressione, durante e dopo la prova di resistenza al fuoco in accordo con le norme API607/ISO 10497
Certification of compliance of the sealing capability of a valve in pressure during and after the fire type-testing according to API607/ISO 10497 standards