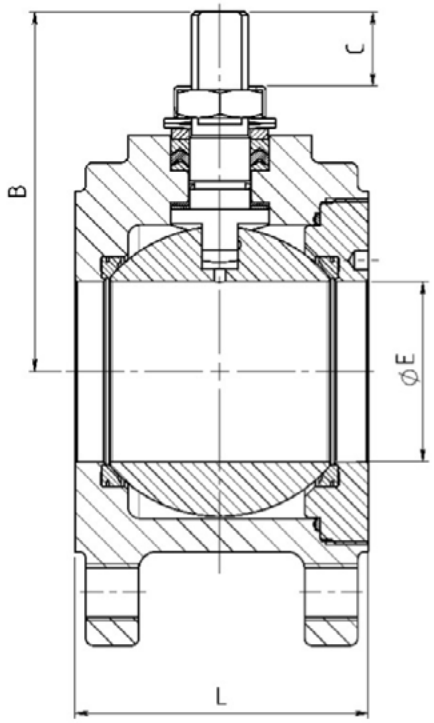
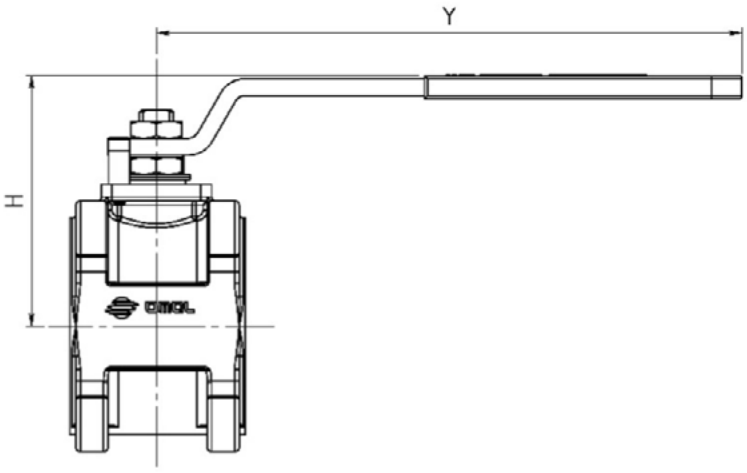
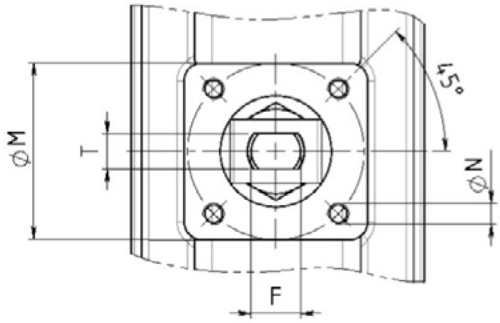
FEATURES & BENEFITS

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

MAGNUM WAFER PN 16-40
ACCIAIO INOX DA FUSIONE *CASTING STAINLESS STEEL*







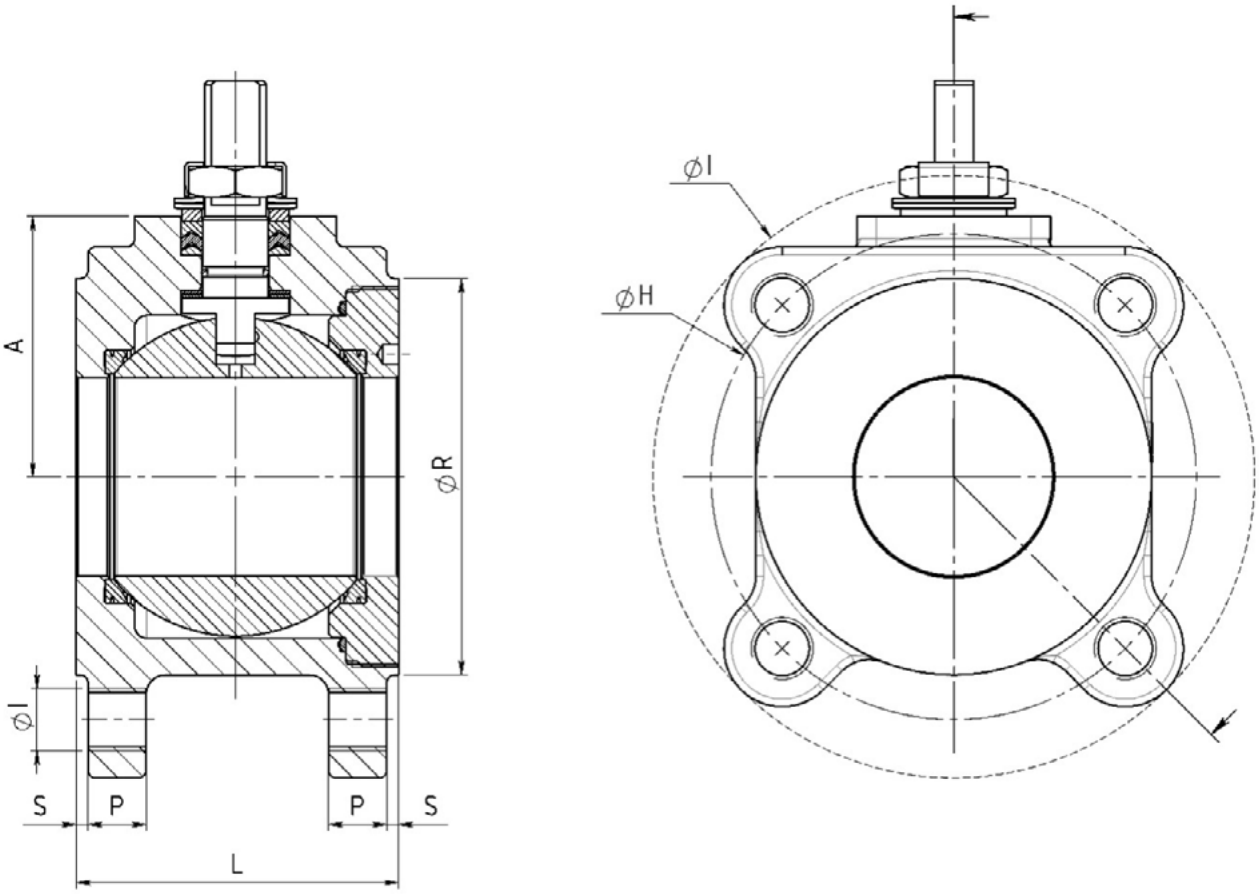
DIMENSIONI *DIMENSIONS*

MISURA *SIZE*		ØE	L	B	C	ATT. ISO	ØM	ØN	F/T	H	Y	KIT LEVA *LEVER KIT*
DN [mm]	[inch]											
DN 25	1"	25	43	68	15	F04	42	M5	12/8	87	150	KLV58006
DN 32	1" 1/4	32	51 (*)	73	15	F04	42	M5	12/8	91	150	KLV58006
DN 40	1" 1/2	38	63	93	21	F05	50	M6	16/10	108	275	KLV58008
DN 50	2"	48	70 (*)	100	21	F05	50	M6	16/10	108	275	KLV58008
DN 50	2"	51	83	102	21	F05	50	M6	16/10	108	275	KLV58008

* Sfera non contenuta *Protruding ball*

MAGNUM WAFER PN 16-40

ACCIAIO INOX DA FUSIONE *CASTING STAINLESS STEEL*

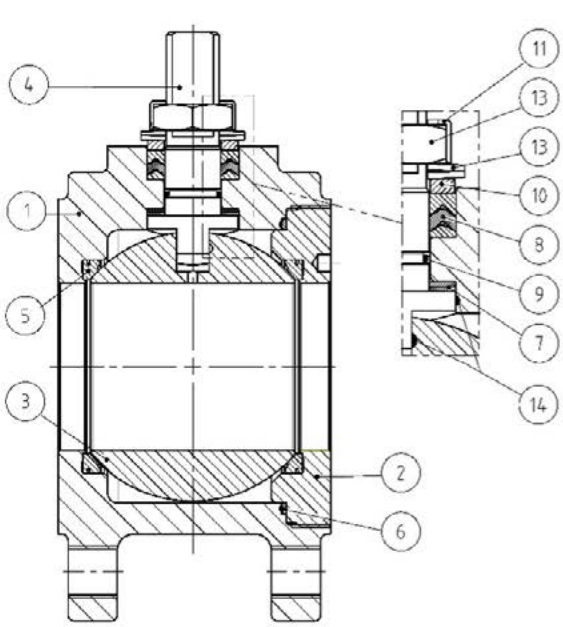


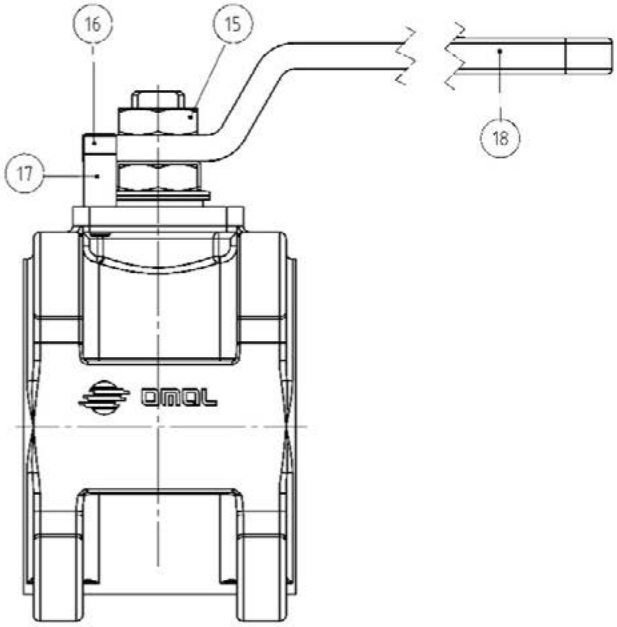
DIMENSIONI PN ***PN DIMENSIONS***

MISURA *SIZE* DN [mm]	[inch]	PN	A	ØG	ØR	S	ØH	N° FORI *HOLES N°*	ØI	P	L	Kg	KIT GUARNIZIONI *SEALS KIT*
DN 25	1"	PN 16-40	42	110	68	2	85	4	M12	16	43	1,5	KGBV480060
DN 32	1" 1/4	PN 16-40	47	130	78	2	100	4	M16	20	51 *	2,3	KGBV480070
DN 40	1" 1/2	PN 16-40	58	140	88	3	110	4	M16	20	63	3,1	KGBV480080
DN 50	2"	PN 16	65	150	102	3	125	4	M16	20	70 *	4,3	KGBV48090C
DN 50	2"	PN 16	67	150	102	3	125	4	M16	20	83	4,8	KGBV480090

* Sfera non contenuta *Protruding ball*

MAGNUM WAFER - PN 16-40
ACCIAIO INOX DA FUSIONE *CASTING STAINLESS STEEL*
TABELLA DEI MATERIALI *MATERIALS TABLE*





MATERIALI *MATERIALS*		
N°	**Descrizione *Description***	
1	Corpo *Body*	ASTM A351 CF8M / EN10213 1.4408
2	Ghiera *Ring Nut*	ASTM A479 Tp.316 / EN10088-3 1.4404
3	Sfera *Ball*	ASTM A351 CF8M / EN10213 1.4408
4	Stelo *Stem*	A564 TP.630 (17-4PH)
5*	Seggio *Seat*	PTFE Modificato *Modified PTFE* (.)
6*	Guarnizione corpo ghiera *Body-ring nut gasket*	PTFE Modificato *Modified PTFE* (.)
7*	Tenuta inferiore stelo *Stem lower sealing*	PTFE Modificato *Modified PTFE* (.)
8*	Pacco a V *Chevron rings*	PTFE Modificato *Modified PTFE* (.)
9*	O-ring stelo *Stem o-ring*	FKM (.)
10	Anello premiguarnizione *Packing gland ring*	304 S.S.
11	Piastra blocca dado *Stop nut plate*	304 S.S.
12	Dado stelo *Stem nut*	Acciaio al carbonio zincato *Carbon steel galvanized* (x)
13	Molle a tazza *Springs washer*	Acciaio al carbonio zincato *Carbon steel galvanized* (xx)
14	Dispositivo antistatico *Antistatic device*	316 S.S.
15	Controdado *Lock nut*	Acciaio al carbonio zincato *Carbon steel galvanized* (x)
16	Vite di fermo *Holder screw*	*A2-70 (304 S.S.)*
17	Fermo di posizione *Holder screw*	Acciaio al carbonio zincato *Carbon steel galvanized* (x)
18	Leva *Lever*	Fe37 zincato - *Galvanized* (x)
* Componenti del kit di guarnizioni *Components of seals kit*		

A richiesta disponibile in: *Available on request:*

(x): 304 s.s.
(xx): 301 s.s.
(.): Altri materiali disponibili a richiesta *Other materials available on request*

MAGNUM WAFER - PN 16-40
ACCIAIO INOX DA FUSIONE *CASTING STAINLESS STEEL*
ASSE LIBERO - CON LEVA *FREE SHAFT - WITH LEVER*

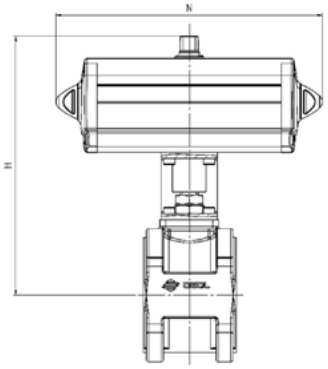


CODICI VALVOLE ASSE LIBERO (V__) - CON LEVA (L__) IN ACCIAIO INOX DA FUSIONE *CASTING STAINLESS STEEL FREE SHAFT (V__) - WITH LEVER (L__) OPERATED VALVE CODE*			
MISURA *SIZE*		**PN**	**CODICE ARTICOLO** *ITEM CODE*
DN [mm]	**[inch]**		
DN 25	1"	PN 16-40	V/LM106V00AEA0A0NNV000
DN 32	1" 1/4	PN 16-40	V/LM107V00AEA0A0NNV000 *
DN 40	1" 1/2	PN 16-40	V/LM108V00AEA0A0NNV000
DN 50	2"	PN 16	V/LM109VS0AEA0A0NNV000 *
DN 50	2"	PN 16	V/LM109V00AEA0A0NNV000

* Sfera non contenuta *Protruding ball*

MAGNUM WAFER - PN 16-40
ACCIAIO INOX DA FUSIONE *CASTING STAINLESS STEEL*
CON ATTUATORE PNEUMATICO DA *WITH DA PNEUMATIC ACTUATOR*



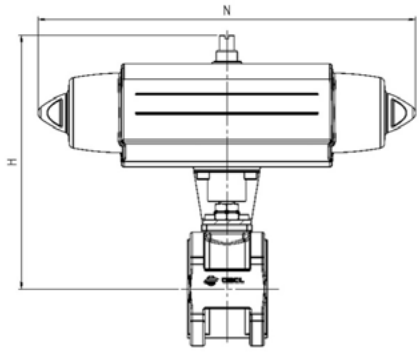


CODICI ARTICOLI IN 316 E CF8M ACCIAIO INOX				*ITEM CODES IN 316 AND CF8M STAINLESS STEEL*				
MISURA *SIZE*		PN	CODICE ARTICOLO *ITEM CODE*	ATTUATORE *ACTUATOR*	KIT di montaggio *Mounting KIT*	N [mm]	H [mm]	Peso Kg *Weight Kg*
DN [mm]	[inch]							
DN 25	1"	PN 16-40	DM106V00AEA0A0NNV000AFCA0	DAN0030411S	KCNBCHD5315	174,3	181,2	2,9
DN 32	1" 1/4	PN 16-40	DM107V00AEA0A0NNV000AFDA0 *	DAN0045412S	KCNBCHD5315	188,5	191,5	4,0
DN 40	1" 1/2	PN 16-40	DM108V00AEA0A0NNV000AFEA0	DAN0060412S	KCNCCHD5316	198,1	208,4	5,1
DN 50	2"	PN 16	DM109VS0AEA0A0NNV000AFGA0 *	DAN0106411S	KCNCCHD5317	237,1	228,3	5,9
DN 50	2"	PN 16	DM109V00AEA0A0NNV000AFGA0	DAN0106411S	KCNCCHD5317	237,1	230,3	6,4

* Sfera non contenuta *Protruding ball*

MAGNUM WAFER - PN 16-40
ACCIAIO INOX DA FUSIONE *CASTING STAINLESS STEEL*
CON ATTUATORE PNEUMATICO SR *WITH SR PNEUMATIC ACTUATOR*



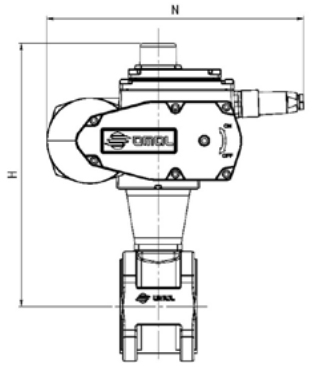


CODICI ARTICOLI IN 316 E CF8M ACCIAIO INOX				*ITEM CODES IN 316 AND CF8M STAINLESS STEEL*				
MISURA *SIZE*		PN	CODICE ARTICOLO *ITEM CODE*	ATTUATORE *ACTUATOR*	KIT di montaggio *Mounting KIT*	N [mm]	H [mm]	Peso Kg *Weight Kg*
DN [mm]	[inch]							
DN 25	1"	PN 16-40	SM106V00AEA0A0NNV000AFEA0	SRN0030402S	KCNBCHD5327	259,0	192,4	4,0
DN 32	1" 1/4	PN 16-40	SM107V00AEA0A0NNV000AFGA0 *	SRN0053401S	KCNBCHD5328	304,3	210,3	6,3
DN 40	1" 1/2	PN 16-40	SM108V00AEA0A0NNV000AFHA0	SRN0060401S	KCNCCHD5317	360,8	225,0	7,5
DN 50	2"	PN 16	SM109VS0AEA0A0NNV000AFIA0 *	SRN0090401S	KCNCDHD5329	393,7	262,5	9,5
DN 50	2"	PN 16	SM109V00AEA0A0NNV000AFIA0	SRN0090401S	KCNCDHD5329	393,7	264,5	10,6

* Sfera non contenuta *Protruding ball*

MAGNUM WAFER - PN 16-40
ACCIAIO INOX DA FUSIONE *CASTING STAINLESS STEEL*
CON ATTUATORE ELETTRICO *WITH ELECTRIC ACTUATOR*



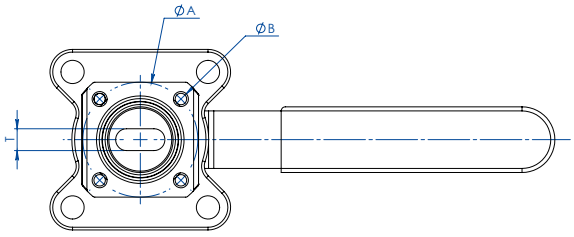


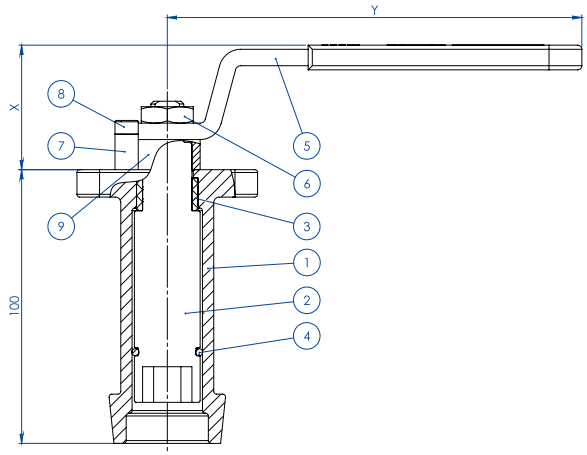
CODICI ARTICOLI IN 316 E CF8M ACCIAIO INOX *ITEM CODES IN 316 AND CF8M STAINLESS STEEL*								
MISURA *SIZE*		**PN**	**CODICE ARTICOLO** *ITEM CODE*	**ATTUATORE** *ACTUATOR*	**KIT di montaggio** *Mounting KIT*	**N [mm]**	**H [mm]**	**Peso Kg** *Weight Kg*
DN [mm]	**[inch]**							
DN 25	1"	PN 16-40	EM106V00AEA0A0NNV000AMEG0	EA0035A5C000	KCNBCHD5327	250,0	239,0	5,1
DN 32	1" 1/4	PN 16-40	EM107V00AEA0A0NNV000AMGG0 *	EA0070A5C000	KCNBCHD5327	250,0	244,0	5,9
DN 40	1" 1/2	PN 16-40	EM108V00AEA0A0NNV000AMGG0	EA0070A5C000	KCNCCHD5316	250,0	255,0	6,7
DN 50	2"	PN 16	EM109VS0AEA0A0NNV000AMIG0 *	EA0130A5C000	KCNCCHD5317	280,0	282,5	11,8
DN 50	2"	PN 16	EM109V00AEA0A0NNV000AMIG0	EA0130A5C000	KCNCCHD5317	280,0	284,5	12,3

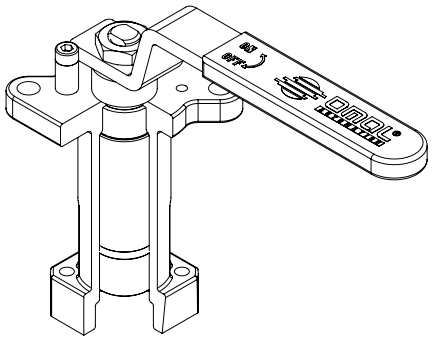
* Sfera non contenuta *Protruding ball*

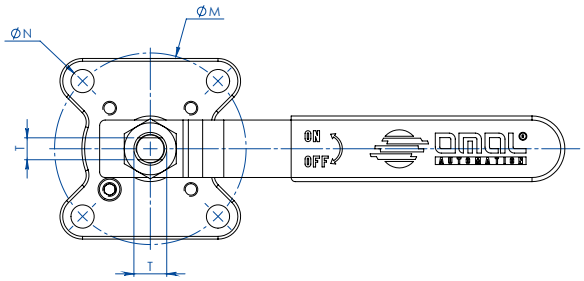
MAGNUM & THOR ACCESSORI *ACCESSORIES*

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*	DELRIN
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*

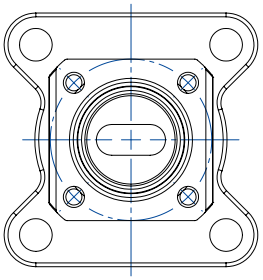
(*): a richiesta disponibili in 304 S.S. *On request available in Aisi 304 s.s.*

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

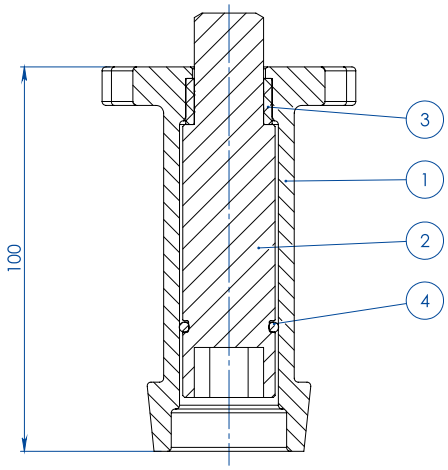
NOTA: Il codice della prolunga dipende dal tipo di azionamento e dall'attacco valvola; richiedere in fase d'ordine.
***NOTE**: Code of the stem extension depending from drive's type and valve's connection; to be requested at the order.*

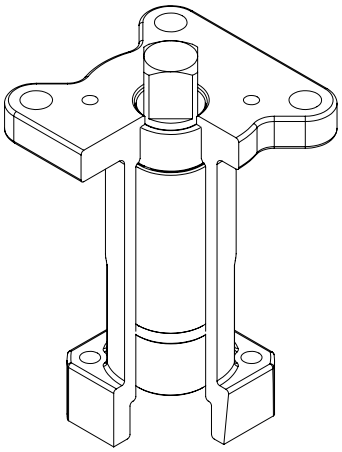
MAGNUM & THOR ACCESSORI *ACCESSORIES*

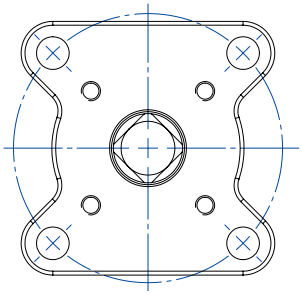
PROLUNGA GUIDATA DA FUSIONE PER ATTUATORE
CASTING STEM EXTENSION FOR ACTUATORS



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







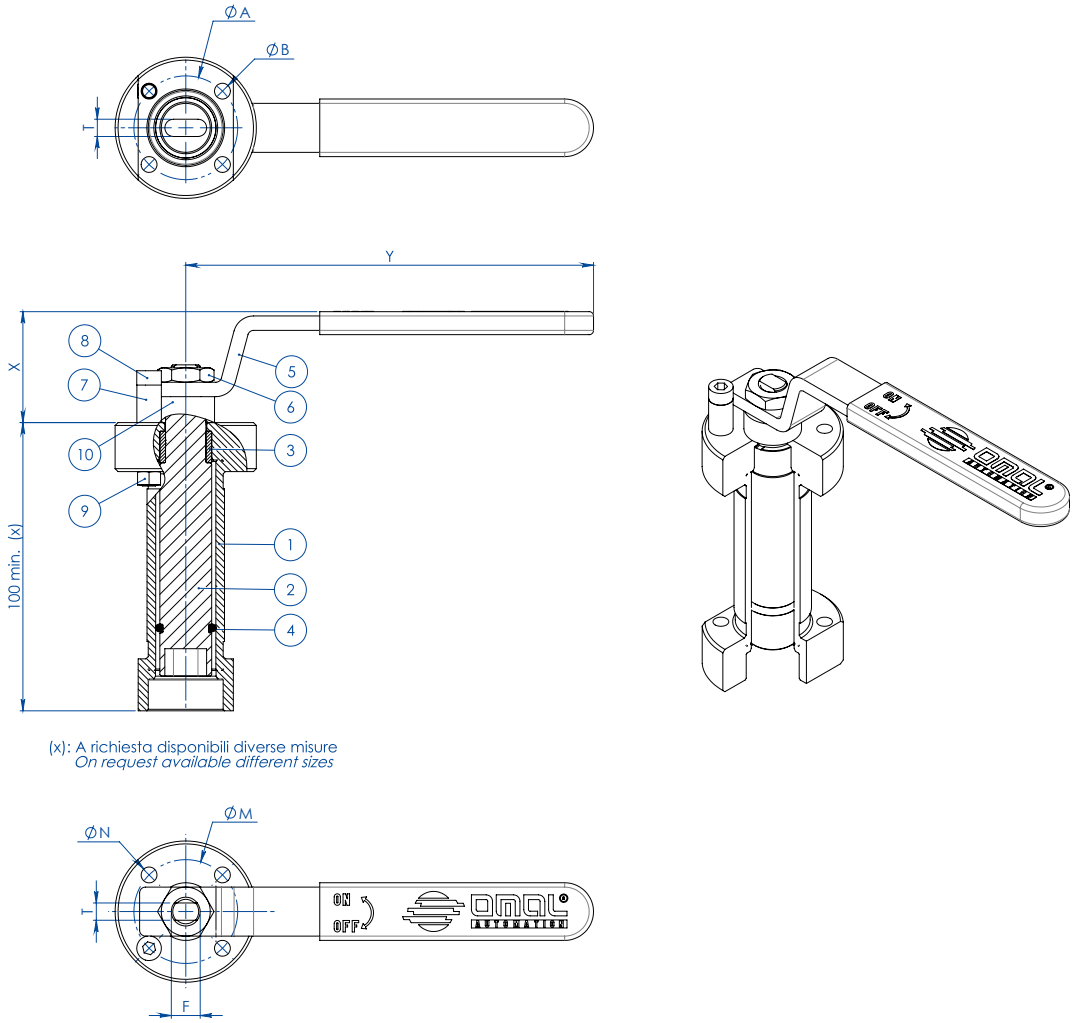
NOTA: Le dimensioni dipendono dalla taglia dell'attuatore
NOTE: Dimensions depending from actuator's size

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*	DELRIN
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*

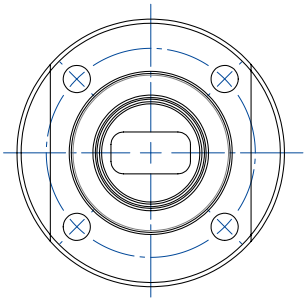
(*): a richiesta disponibili in 304 S.S. *On request available in Aisi 304 s.s.*
(**): non presente su valvole con attacco iso F04. *No available on valves with Iso connection F04*

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

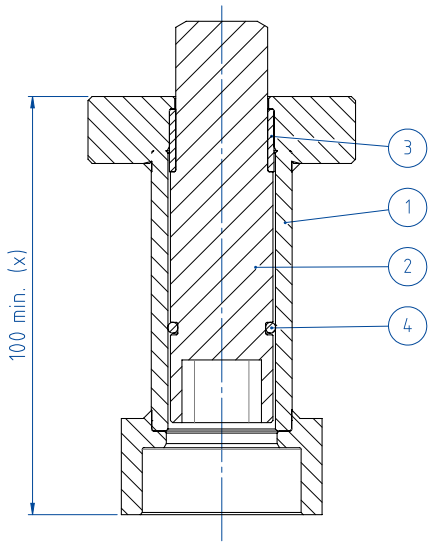
NOTA: Il codice della prolunga dipende dal tipo di azionamento e dall'attacco valvola; richiedere in fase d'ordine.
***NOTE**: Code of the stem extension depending from drive's type and valve's connection; to be requested at the order.*

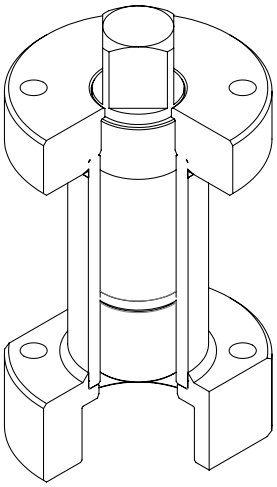
MAGNUM & THOR ACCESSORI *ACCESSORIES*

PROLUNGA GUIDATA SALDATA PER ATTUATORE
WELDED STEM EXTENSION FOR ACTUATORS

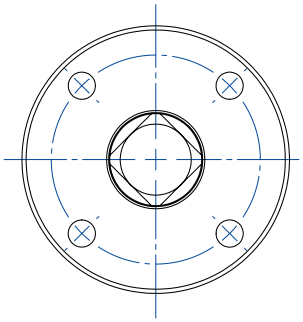


NOTA: Le dimensioni dipendono dalle dimensioni dell'attacco valvola
NOTE: Dimensions depending from valve's connection





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



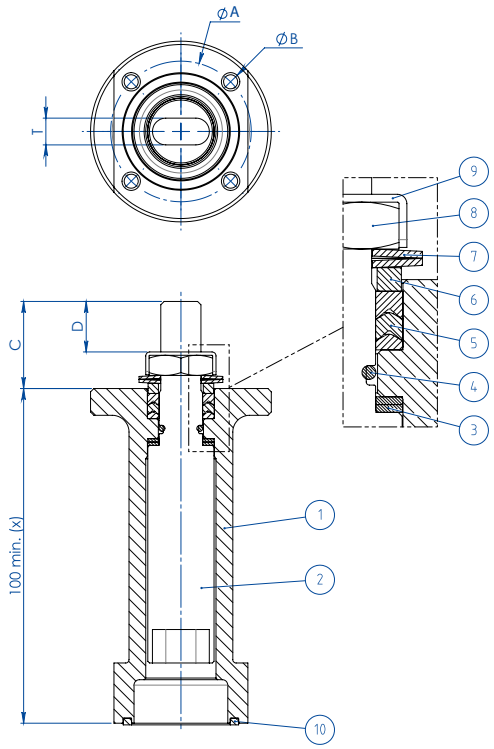
NOTA: Le dimensioni dipendono dalla taglia dell'attuatore
NOTE: Dimensions depending from actuator's size

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

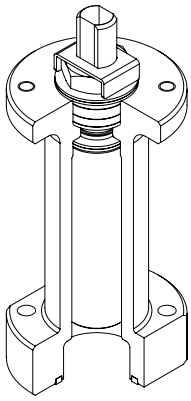
NOTA: Il codice della prolunga dipende dal tipo di azionamento e dall'attacco valvola; richiedere in fase d'ordine.
***NOTE**: Code of the stem extension depending from drive's type and valve's connection; to be requested at the order.*

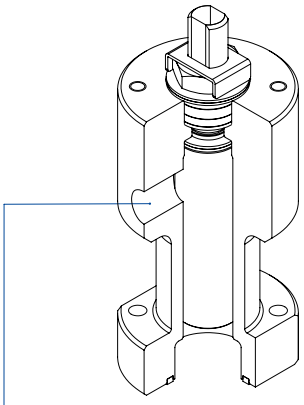
MAGNUM & THOR ACCESSORI *ACCESSORIES*

PROLUNGA CON TENUTA AGGIUNTIVA *STEM EXTENSION WITH ADDITIONAL SEAL*

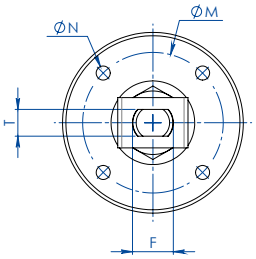


(x): A richiesta disponibili diverse misure
On request available different sizes





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.*