EVIAN
INDUSTRIAL CONTROLS

Valvole a Sfera con Attuatore Pneumatico
Ball Valves with Pneumatic Actuator
Corpo Acciaio Carbonio - Carbon Steel Body

5513

2 Vie / 3 Pezzi - Attacchi Filettati / SW / BW
Sede Sfera di PTFE - Funzione DE / SE
2 Way / 3 Pieces - Threaded / SW / BW Connections
PTFE Ball Seat - DA / SR Function

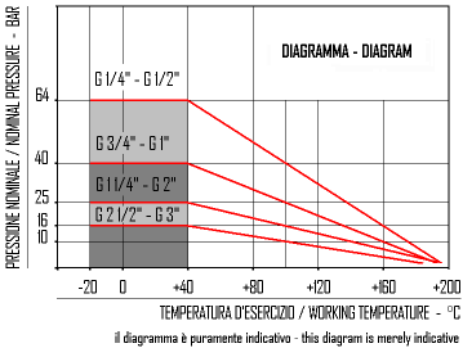
Valvole per Automazione Industriale
Valvole per impiantistica chimica, ambientale, ecc...
Valvole per acqua, olio, fluidi neutri

Valves for use in Industrial Automation
Valves for chemical plants, process and environment technologies.
The valve is suitable for water, oils and neutral fluids

ATEX

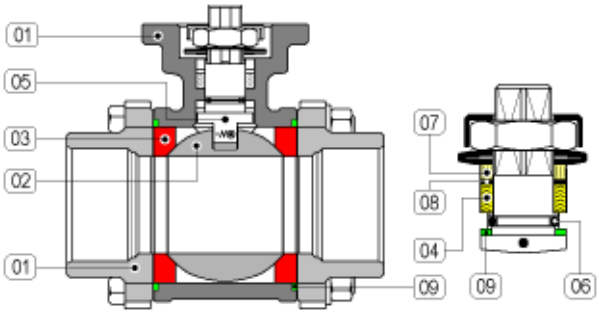
INFORMAZIONI TECNICHE - TECHNICAL INFORMATIONS

Corpo - Valve Body	
Pressione Nominale Nominal Pressure	vds. Diagramma see Diagram
Campo Temperatura Temperature Range	vds. Diagramma see Diagram
Attacchi - Connections	Terminali Filettati - Threaded Ports - SW / BW
Attuatore - Actuator	Atex II 2 GD
Campo Temperatura Temperature Range	-20 ... +80 °C
Pressione di Comando Control Pressure	5.6 bar (8.0 bar max.)
Accessori Standard Standard Equipments	Indicatore di Posizione (2) x Viti di Registrazione della Corsa Visual Position Indicator (2) x Travel Adjustment Screws
Accessori Opzionali Optional Equipments	Box Micro con Finecorsa Meccanici o Sensori Proximity Elettrovalvole 5/2 Vie con interfaccia Namur Limit Switch Box with Mechanical or Proximity Switches 5/2 way Solenoid Valves with Namur interface



Materiali - Materials

Corpo Attuatore Actuator Body		Alluminio Anodizzato Anodized Aluminium
Corpo - Valve Body	01	A216 WCB Acciaio Carbonio - Carbon Steel
Sfera - Ball	02	CF8 (A304 SS)
Tenuta Sede - Ball Seat	03	PTFE - TFM 1600
Pacco Premistoppa Ring Stem Packing	04	PTFE
Asse Antistatico Anti Static Stem	05	SUS 304
OR Stelo - Stem OR	06	FKM (Viton)
Premibussola Pressing Bush	07	SUS 316
Guarnizione Stelo Stem Seal	08	50% SS + 50% PTFE
Tenuta Corpo - Body Seal	09	TFM 1600



Fluidi - Fluids (92/23/EC)

Valvola idonea per fluidi compatibili con le parti a contatto. La scelta dei materiali è responsabilità del cliente che dovrà assicurarsi se adatti all'impiego. La scelta è limitata dai dati di temperatura e pressione della valvola
Valvola idonea per i liquidi di Gruppo 1 e fluidi di Gruppo 2
The valve is suitable for fluids compatible with the parts in contact. The user is responsable for the right choice of compatibility with knowledge of the real working conditions. The choice of the valve must also consider the conditions of temperature and pressure. Valve suitable for liquids of Group 1 and fluids of Group 2

MISURA - SIZE		DE / DA	SE / SR	LEVER
G 1/4"	Ø 10	5513 20 U050	5513 2● U052	5513 20L
G 3/8"	Ø 12	5513 30 U050	5513 3● U052	5513 30L
G 1/2"	Ø 15	5513 40 U050	5513 4● U052	5513 40L
G 3/4"	Ø 20	5513 50 U050	5513 5● U052	5513 50L
G 1"	Ø 25	5513 60 U050	5513 6● U154	5513 60L
G 1-1/4"	Ø 32	5513 70 U070	5513 7● U174	5513 70L
G 1-1/2"	Ø 38	5513 80 U150	5513 8● U204	5513 80L
G 2"	Ø 50	5513 90 U170	5513 9● U254	5513 90L
G 2-1/2"	Ø 63	5513 A0 U200	5513 A● U354	5513 A0L
G 3"	Ø 76	5513 B0 U300	5513 B● U404	5513 B0L

NOTE - REMARKS

- sostituire il digit ● con la funzione desiderata
  1 → funzione NC
  2 → funzione NA
- please replace digit ● by desired function
  1 → NC function
  2 → NO function

Attuatore tipo U030 è fornibile per dimensioni G 1/4" ... G 1/2"
U030 actuator type is also available on G 1/4" ... G 1/2" valve sizes

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UNIFLUX

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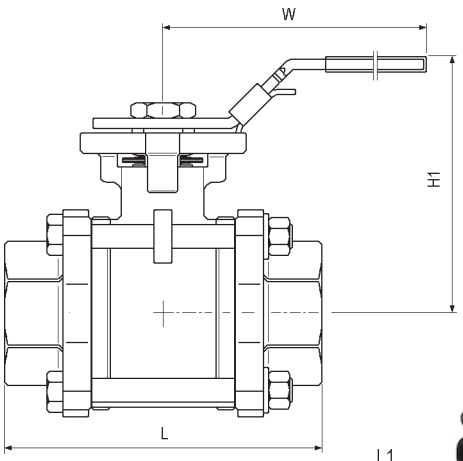
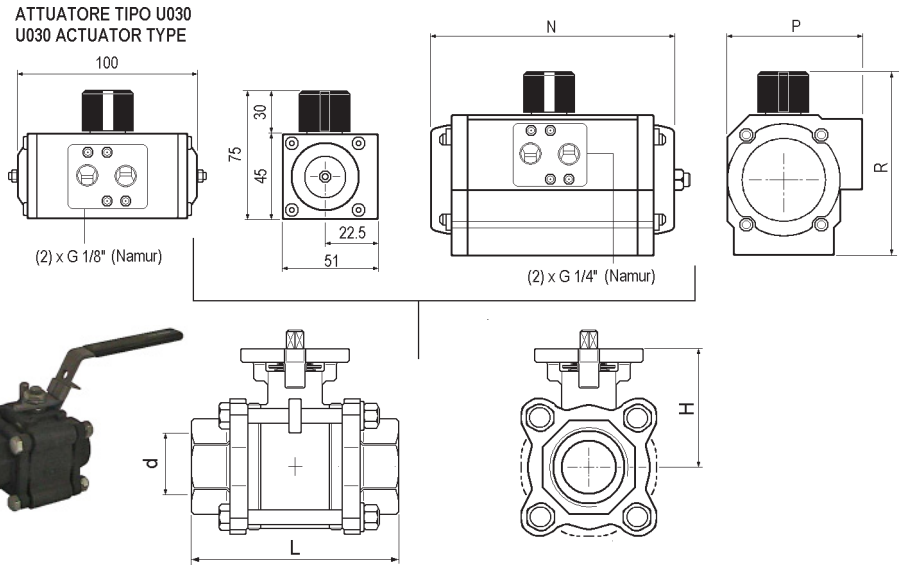
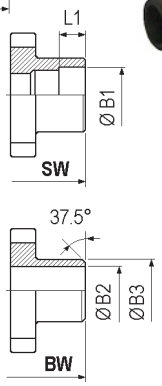


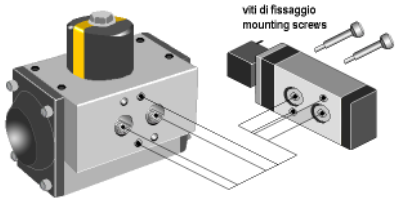


d	L1	ØB1	ØB2	ØB3
10.6	10	14.2	9.3	18
12.7	10	17.8	12.5	18
15	10	21.8	15.8	22
20	13	27.3	20.9	28
25	13	34.0	26.7	34
32	16	42.8	35.1	43
38	16	48.9	40.9	50
50	17	61.4	52.5	61
63.5	17	74.0	62.7	76
76	17	90.0	78.0	92



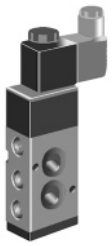
ESEMPIO DI MONTAGGIO
Elettrovalvole per attuatori pneumatici con interfaccia Namur

MOUNTING EXAMPLE
Control solenoid valve for pneumatic actuators with Namur interface



Tipo 561
Elettrovalvola 5 Vie
Interfaccia Namur
Protezione IP 65

561 Type
5 Way Solenoid Valve
Namur Interface
IP 65 Protection Degree



DIMENSIONI - DIMENSIONS

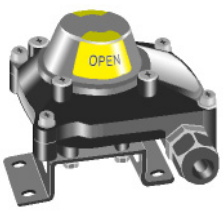
Misura Size	Tipo Attuatore Actuator Type		Dimensioni (mm.) Dimensions (mm.)								Peso Weight	Kv
G	Funz. / Function		d	L	H	H1	W	R	P	N	Kg (●)	m³/h
1/4"	U050 U052	DE / DA SE / SR	10	75	42	69	145	101 101	67 67	119 119	0.64	12.7
3/8"	U050 U052	DE / DA SE / SR	12	75	42	69	145	101 101	67 67	119 119	0.65	15.3
1/2"	U050 U052	DE / DA SE / SR	15	75	42	69	145	101 101	67 67	119 119	0.69	21.3
3/4"	U050 U052	DE / DA SE / SR	20	80	49	76	145	101 101	67 67	119 119	0.89	38.3
1"	U050 U154	DE / DA SE / SR	25	90	59	89	145	101 111	67 81	119 175	1.38	72.5
1-1/4"	U070 U174	DE / DA SE / SR	32	110	63	94	145	98 111	70 81	160 207	2.13	110.8
1-1/2"	U150 U204	DE / DA SE / SR	38	120	72	103	190	111 128	81 96	175 186	2.96	170.6
2"	U170 U254	DE / DA SE / SR	50	140	79	109	190	111 128	81 96	207 248	4.49	272.9
2-1/2"	U200 U354	DE / DA SE / SR	63	185	100	147	265	128 196	96 138	186 246	8.45	383.8
3"	U300 U404	DE / DA SE / SR	76	205	109	173	300	147 196	114 138	241 290	11.3	511.8

(●) peso per valvole con leva manuale
weight for valves with hand-lever

MICRO BOX - LIMIT SWITCH BOXES
Non previsto su attuatore A030
Not suitable on A030 Actuator type

Tipo A250
Custodia di Alluminio verniciato
IP 67 - Atex II 3 GD

A250 Type
Epoxy Coated Aluminium Housing
IP 67 - Atex II 3 GD



Tipo ALS-400M
IP 66 - Atex II 2 G - Ex d IIC T6
Custodia di Alluminio verniciato

ALS-400M Type
IP 66 - Atex II 2 G - Ex d IIC T6
Epoxy Coated Aluminium Housing

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