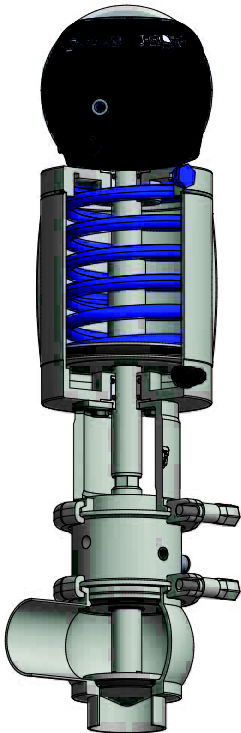
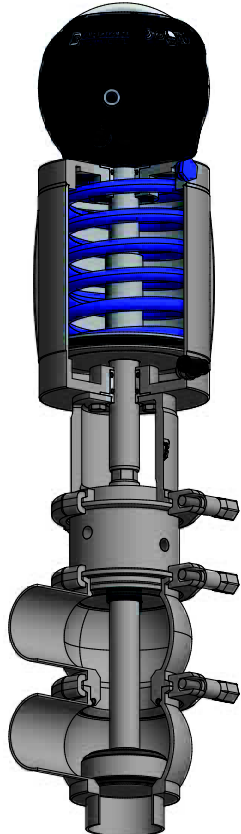


BBYP



BBYP
Deviatrice / Divert



CERTIFICAZIONI
CERTIFICATIONS

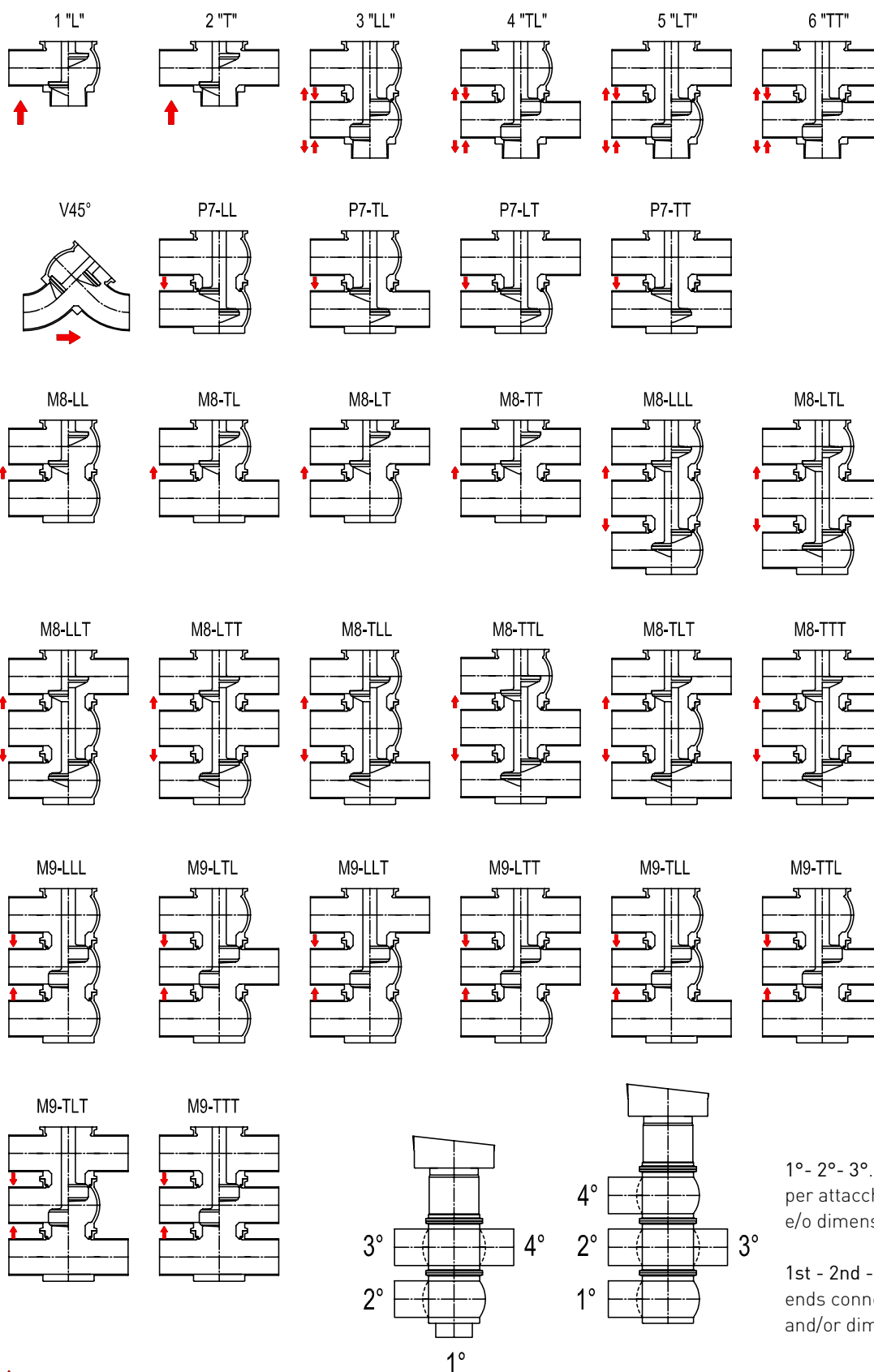


DATI TECNICI

STRUTTURA VALVOLA		
Conessioni da DN10 a DN150	DIN, SMS, IDF, BS (RJT), Clamp, Flangia	Altre connessioni a richiesta
Materiale a contatto con il prodotto	AISI 316L (1.4404)	Altro materiale a richiesta
Materiale guarnizioni a contatto con il prodotto (omologazione FDA)	EPDM, FKM, HNBR e PTFE	Altro materiale a richiesta
Temperatura massima prodotto (EPDM)	140 °C (284 °F)	Per temperature diverse, contattare Bardiani Valvole
Temperatura minima prodotto (EPDM)	-10 °C (14 °F)	
Pressione massima prodotto	10 bar (145 psi)	
Pressione massima di tenuta	Vedi tabella	
Pressione minima di tenuta	0 bar (0 psi) si sconsiglia il vuoto nelle applicazioni asettiche	
Finitura superficiale materiale a contatto con il prodotto	Ra 0,8 µm (altri tipi di finitura a richiesta)	
STRUTTURA ATTUATORE PNEUMATICO		
Attacchi aria	1/8" (BSP) per tubo 6 x 4 mm	
Pressione	Da 6 bar (87 psi) a 8 bar (116 psi)	
Materiale cilindro	AISI 304 (1.4301)	
Materiale guarnizioni	NBR	

TECHNICAL DETAILS

VALVE STRUCTURE		
Connections from DN10 to DN150	DIN, SMS, IDF, BS (RJT), Clamp, Flange	Other connections on request
Material in contact with the product	AISI 316L (1.4404)	Other material on request
Material gaskets in contact with the product (FDA homologation)	EPDM, FKM, HNBR and PTFE	Other material on request
Max. product temperature (EPDM)	140 °C (284 °F)	For higher temperature, please ask Bardiani Valvole
Min. product temperature (EPDM)	-10 °C (14 °F)	
Max product pressure	10 bar (145 psi)	
Max working pressure	See table	
Min working pressure	0 bar (0 psi) vacuum is not recommended in aseptic applications	
Finish on surfaces in contact with the product	Ra 0.8 µm (other types of surface finish on request)	
PNEUMATIC ACTUATOR SPECIFICATIONS		
Air connectors	1/8" (BSP) for pipe 6 x 4 mm	
Air pressure	From 6 bar (87 psi) to 8 bar (116 psi)	
Cylinder material	AISI 304 (1.4301)	
Gasket material	NBR	



1°- 2°- 3°.... esempi di lettura
per attacchi con tipi
e/o dimensioni diverse

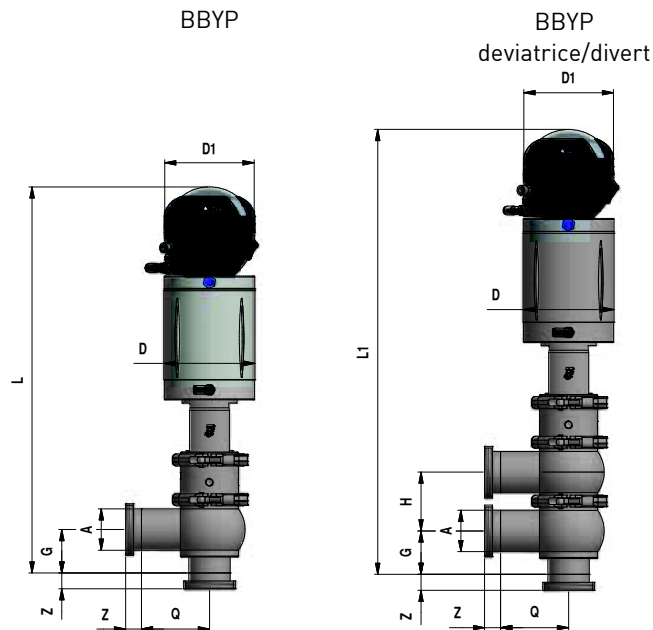
1st - 2nd - 3rd examples to read
ends connections with different types
and/or dimensions

↑ Direzione fluido raccomandata
↓ Recommended flow direction

Normalmente chiusa
Normally closed



Normalmente aperta
Normally open



LEGENDA / KEY	
S/S DIN	Saldare / Welding
F/F DIN	Femmina / Male
M/G DIN	Maschio + girella / Liner + nut
S/S DIN 11850/2	Saldare / Welding Din 11850/2
CLAMP	Clamp
F/F SMS	Femmina / Male SMS
F/F IDF	Femmina / Male IDF
F/F BS	Femmina / Male BS

	S/S DIN								F/F DIN	M/G DIN	S/S DIN 11850/2 (su richiesta/on request)
DN	A	D	D1	G	H	L	L1	Q	Z	Z	A
10	12x1	64	112	30	50	391	441	45	21	17	13x1.5
15	18x1	64	112	33	50	391	441	45	21	17	19x1.5
20	23x1.5	64	112	35	50	391	441	50	24	18	23x1.5
25	28x1.5	64	112	42.5	50	396	446	65	29	22	29x1.5
32	34x1.5	90	112	45.5	62	420	482	70	32	25	35x1.5
40	40x1.5	90	112	48.5	62	420	482	70	33	26	41x1.5
50	52x1.5	115	112	54.5	74	482	556	85	35	28	53x1.5
65	70x2	115	112	63	90	498	588	95	40	32	70x2
80	85x2	140	145	70.5	105	562	667	105	45	37	85x2
100	101.6x2	140	145	79	124	581	705	120	54	44	104x2
125	129x2	219	145	102.5	161	738	900	140	46	34	129x2
150	154x2	219	145	115	186	763	950	155	50	37	154x2

	S/S INCHES								CLAMP	F/F SMS	F/F IDF	F/F BS
DN	A	D	D1	G	H	L	L1	Q	Z	Z	Z	Z
1/2"	12.7x1.5	64	112	30	50	391	441	45	12.7			
3/4"	19x1.5	64	112	33	50	391	441	45	12.7			
1"	25.4x1.5	64	112	41.5	50	396	446	65	12.7	15	21.5	26.5
1" 1/2	38.1x1.5	90	112	47.5	62	420	482	70	12.7	20	21.5	26.5
2"	50.8x1.5	115	112	54	74	482	556	85	12.7	20	21.5	26.5
2" 1/2	63.5x1.5	115	112	60.5	90	498	588	95	12.7	24	21.5	26.5
3"	76.1x2	140	145	66	105	562	667	105	12.7	24	21.5	26.5
4"	101.6x2	140	145	79	124	581	705	120	15.8	25	21.5	26.5

Dimensioni ISO su richiesta / ISO Dimensions on request
Dimensioni ASME-BPE su richiesta / ASME-BPE Dimension on request

S.E.N.C. / S.A.N.C.			
DIN / DN	INCHES / DN	P1 bar / psi	P2 bar / psi
10-15-20-25	1/2" - 3/4" - 1"	9/130	10/145
32-40	1 1/2"	9/130	10/145
50	2"	9/130	10/145
65	2 1/2"	5/72	6/87
80	3"	6/87	6/87
100	4"	4/58	4.5/65
125		-	-
150		-	-

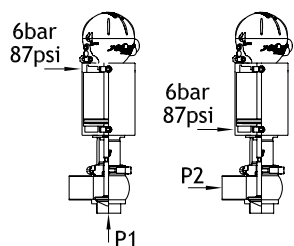
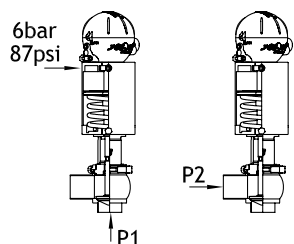
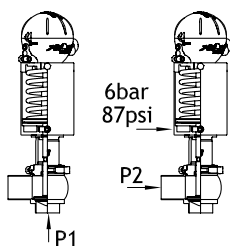
S.E.N.A. / S.A.N.O.			
DIN / DN	INCHES / DN	P1 bar / psi	P2 bar / psi
10-15-20-25	1/2" - 3/4" - 1"	9/130	10/145
32-40	1 1/2"	9/130	10/145
50	2"	9/130	10/145
65	2 1/2"	4.5/65	6.5/94
80	3"	4.5/65	8/116
100	4"	3.2/46	5/72
125		-	-
150		-	-

D.E. / D.A.			
DIN / DN	INCHES / DN	P1 bar / psi	P2 bar / psi
10-15-20-25	1/2" - 3/4" - 1"	10/145	10/145
32-40	1 1/2"	10/145	10/145
50	2"	10/145	10/145
65	2 1/2"	10/145	10/145
80	3"	10/145	10/145
100	4"	9/130	9/130
125		-	-
150		-	-

S.E.N.C. / S.A.N.C.				
DIN / DN	INCHES / DN	P1 bar / psi	P2 bar / psi	P3 bar / psi
10-15-20-25	1/2" - 3/4" - 1"	9/130	10/145	8/116
32-40	1 1/2"	9/130	10/145	10/145
50	2"	9/130	10/145	10/145
65	2 1/2"	5/72	4.7/68	6.5/94
80	3"	6/87	4.7/68	6.5/94
100	4"	4/58	3.3/48	4.7/68
125		-	-	-
150		-	-	-

S.E.N.A. / S.A.N.O.				
DIN / DN	INCHES / DN	P1 bar / psi	P2 bar / psi	P3 bar / psi
10-15-20-25	1/2" - 3/4" - 1"	9/130	10/145	9/130
32-40	1 1/2"	9/130	10/145	10/145
50	2"	9/130	10/145	10/145
65	2 1/2"	4.5/65	6/87	6/87
80	3"	4.5/65	6/87	6/87
100	4"	3.2/46	4.2/61	4/58
125		-	-	-
150		-	-	-

D.E. / D.A.				
DIN / DN	INCHES / DN	P1 bar / psi	P2 bar / psi	P3 bar / psi
10-15-20-25	1/2" - 3/4" - 1"	10/145	10/145	10/145
32-40	1 1/2"	10/145	10/145	10/145
50	2"	10/145	10/145	10/145
65	2 1/2"	10/145	10/145	10/145
80	3"	10/145	10/145	10/145
100	4"	9/130	9/130	9/130
125		-	-	-
150		-	-	-



LEGENDA / KEY	
DIN / DN	Diametro nominale / Welding
S.E.N.C. / S.A.N.C.	Valvola normalmente chiusa con attuatore a semplice effetto (molla chiude/aria apre) Valve normally closed with single acting actuator (air opens/spring closes)
S.E.N.A. / S.A.N.O.	Valvola normalmente aperta con attuatore a semplice effetto (aria chiude/molla apre) Valve normally opened with single acting actuator (air closes/spring opens)
D.E. / D.A.	Valvola con attuatore a doppio effetto (aria apre/aria chiude) Valve with double acting actuator (air opens/air closes)
-	Su richiesta / On demand

