



Attacchi a Saldare - Disco Sede di PTFE
Funzione NC / NA - DN 15 ... 50

Connections for Welding - PTFE Seat Disc
NC / NO Function - DN 15 ... 50

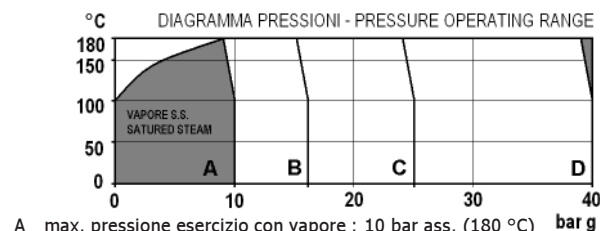
Valvole per applicazioni Alimentari, Enologiche, Sanitarie, per impiantistica Chimica, Ambientale, Sistemi di Filtrazione, ecc...
Impianti di Trattamento, Sterilizzazione, Purificazione delle Acque
Valvole per Acqua, Fluidi Neutri e Corrosivi, Fluidi Caldi, Vapore Acqueo, ecc...
Valves for Food, Beverage, Dairy, Chemical and Environment technologies
Water Treatment, Sterilizers and Water Purification, Filtration Systems
Suitable for Water, Neutral and Corrosive Fluids, Hot Water and Steam, etc...



INFORMAZIONI TECNICHE - TECHNICAL INFORMATION

Valvola - Valve Body

Attacchi Connections	Terminali a Saldare Ends for Welding	DN 15 ... DN 50 DN 15 ... DN 50
Pressione Nominale Nominal Pressure	vds. Diagramma see Diagram	pag. 2 page 2
Pressione Esercizio Working Pressure	vds. Diagrammi see Diagrams	pag. 2, 3, 4 page 2, 3, 4
Temperatura Fluido Fluid Temperature	-10 ... +180 °C -10 ... +180 °C	per tutti i modelli for all types
Temperatura Ambiente Ambient Temperature	-10 ... +60 °C -10 ... +60 °C	per tutti i modelli for all types
Direzione Flusso Flow Direction	sotto sede - underseat sopra sede - overseat	(2→1) consigliata per con liquidi - preferably for liquid applications (1→2) consigliata per vapore e gas - preferably for steam and gas applications



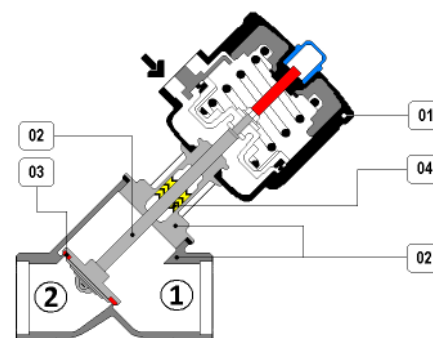
A max. pressione esercizio con vapore : 10 bar ass. (180 °C)
max. working pressure with steam : 10 bar ass. (180 °C)
D pressione di sicurezza corpo : 40 bar g
safe body operating pressure : 40 bar g

Attuatore - Actuator

Pressione di Comando Control Pressure	3 ... 8 bar (max.)	per tutti i modelli for all types
Fluido di Comando Pilot Media	Aria Secca o Lubrificata Dry or Lubricated Air	
Connessione Pilota Pilot Connection	G 1/8" per attuatore DN 45 - on actuator DN 45 G 1/4" per attuatore DN 63 / 90 - on actuator DN 63 / 90	
Accessori Standard Standard Equipments	Indicatore Visivo di Posizione Visual Position Indicator	

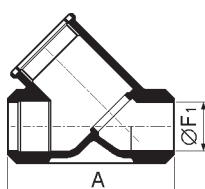
Materiali - Materials

Calotta Pistone Piston Housing	01 Poliammide PA6 + 30% vetro Attuatore può essere ruotato di 360° Polyamide with 30% fiberglass Actuator can be rotated as required
Corpo - Valve Body	02 CF3M (A316L) Acciaio Inox - Stainless Steel
Stelo - Stem	03 A316L Inox / Stainless Steel
Disco Sede - Seat Disc	04 PTFE (ANSI classe / class VI)
Premistoppa - Stem Seal	05 PTFE Chevron

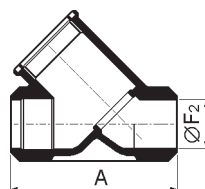


ATTACCHI DISPONIBILI - AVAILABLE CONNECTIONS

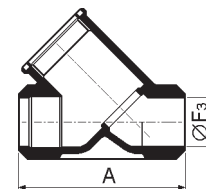
a saldare di testa
per tubo ISO 4200
body for butt welding
on ISO 4200 tubes



a saldare di testa
per tubo DIN 11850
body for butt welding
on DIN 11850 tubes

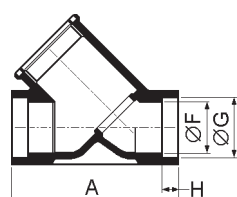


a saldare di testa
per tubo ISO 65
ANSI B 36.10
body for butt welding
on ISO 65
ANSI B 36.10 tubes



DN	A	F ₁	F ₂	F ₃	F	G	H
15	65	17.4	16.0	18.1	17.4	22.0	5
20	75	22.8	20.0	23.7	22.8	27.5	7
25	90	28.3	26.0	29.7	28.3	34.0	8
32	110	37.1	32.0	38.4	37.1	43.0	10
40	120	42.7	38.0	44.3	42.7	49.0	12
50	150	54.8	50.0	55.1	54.8	61.5	16

mm.



a saldare a tasca
per tubo ISO 65
ANSI B 36.10
body for socket welding
on ISO 65
ANSI B 36.10 tubes



Misura Size pollici inches	DN	Fatt. Flusso Flow Factor	Funzione Function	Direzione Flusso Flow Direction	Min.Press. Comando Min. Pilot Pressure	Pressione Working Pressure Pilota Pilot	Esercizio Pressure Fluid Fluid	Diagramma Diagram	Riferimento Codice Reference Code
	mm	m ³ / h		(●)	bar @	bar	bar	rif. / ref.	Tipo / Type

FUNZIONE NC - NC FUNCTION Direzione Flusso / Flow Direction → Sotto Sede / Underseat

1/2"	15	5.88	NC	2 → 1	5.0	5.0	16	(B)	1214T04
3/4"	20	9.84	NC		5.0	5.0	7		1215T04

FUNZIONE NC - NC FUNCTION Direzione Flusso / Flow Direction → Sopra Sede / Overseat

1/2"	15	5.88	NC	1 → 2	1.8	3.8	16	(A)	1214T14
3/4"	20	9.84	NC		1.8	5.0	12		1215T14

FUNZIONE NA - NO FUNCTION Direzione Flusso / Flow Direction → Sotto Sede / Underseat

1/2"	15	5.88	NA-NO	2 → 1	1.8	4.0	16	(C)	1214T34
3/4"	20	9.84	NA-NO		1.8	5.0	12		1215T34

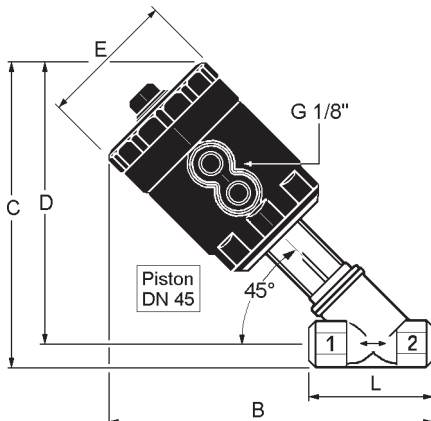
@ minima pressione pilota richiesta - minimum pilot pressure required

(●) Valvole con flusso sopra l'otturatore. Versione preferibile per gas, con liquidi può verificarsi il fenomeno del colpo d'ariete

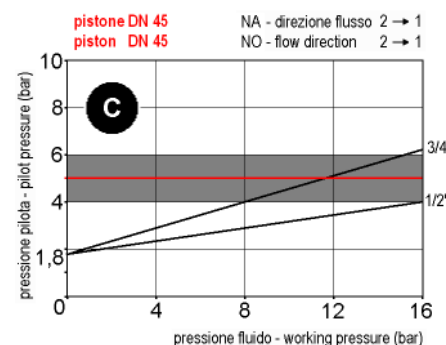
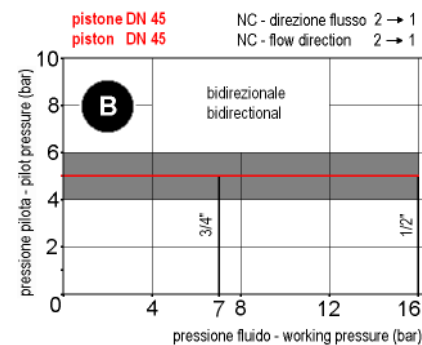
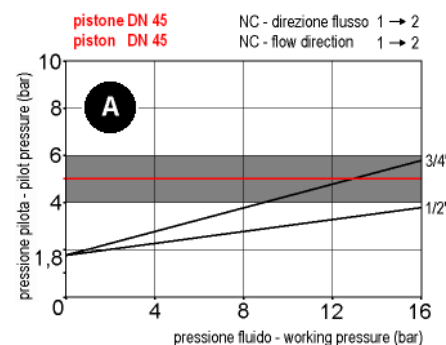
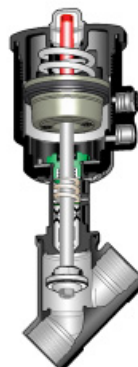
(●) NC valves closing with the flow. (flow over seat). Operates better with gases, with liquids water-hammer is possible

✓ max. pressione con vapore s.s. : 10 bar ass. (180 °C)
 max. working pressure with steam : 10 bar abs. (180 °C)

✓ l'attuatore può essere ruotato di 360°
 pneumatic actuator can be rotated as required


DIMENSIONI - DIMENSIONS (mm.)

DN	att. pilota	dimensions					
mm	DN	G	L	B	C	D	E
15	45	1/8"	65	144	136	123	57
20	45	1/8"	75	155	142	126	57





Misura Size pollici inches	DN	Fatt. Flusso Flow Factor	Funzione Function	Direzione Flusso Flow Direction	Min.Press. Comando Min. Pilot Pressure	Pressione Working Pilot Pilot	Esercizio Pressure Fluid Fluid	Diagramma Diagram	Riferimento Codice Reference Code
	mm	m ³ / h		(●)	bar @	bar	bar	rif. / ref.	Tipo / Type

FUNZIONE NC - NCFUNCTION Direzione Flusso / Flow Direction → Sotto Sede / Underseat

1/2"	15	5.88	NC		3.8	3.8	16		1214T06
3/4"	20	9.84	NC		3.8	3.8	16		1215T06
1"	25	15.3	NC		3.8	3.8	11		1216T06
1-1/4"	32	25.2	NC		3.8	3.8	6		1217T06
1-1/2"	40	42.0	NC		3.8	3.8	4		1218T06
2"	50	57.0	NC		3.8	3.8	2		1219T06


FUNZIONE NC - NCFUNCTION Direzione Flusso / Flow Direction → Sopra Sede / Overseat

1/2"	15	5.88	NC		1.5	3.8	20		1214T16
3/4"	20	9.84	NC		1.5	4.4	20		1215T16
1"	25	15.3	NC	1 → 2	1.5	5.0	20		1216T16
1-1/4"	32	25.2	NC		3.0	5.0	11		1217T16
1-1/2"	40	42.0	NC		3.0	5.0	5		1218T16
2"	50	57.0	NC		3.0	5.0	4		1219T16

FUNZIONE NA - NOFUNCTION Direzione Flusso / Flow Direction → Sotto Sede / Underseat

1/2"	15	5.88	NA-NO		1.5	2.5	16		1214T36
3/4"	20	9.84	NA-NO		1.5	4.4	16		1215T36
1"	25	15.3	NA-NO	2 → 1	1.5	5.0	14		1216T36
1-1/4"	32	25.2	NA-NO		1.5	5.0	11		1217T36
1-1/2"	40	42.0	NA-NO		1.5	5.0	6		1218T36
2"	50	57.0	NA-NO		1.5	5.0	5		1219T36

@ minima pressione pilota richiesta - minimum pilot pressure required

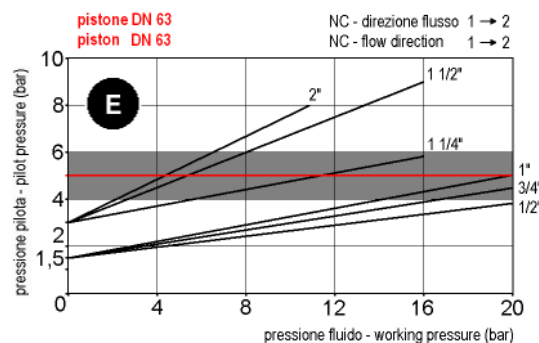
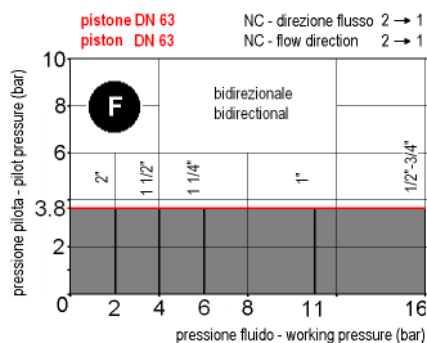
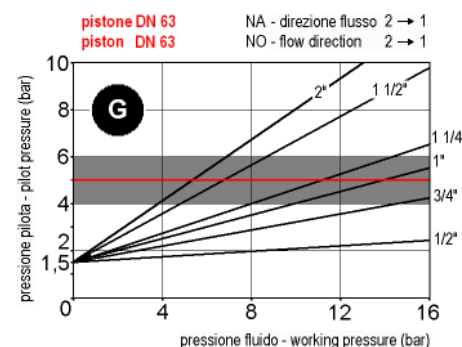
(●) Valvole con flusso sopra l'otturatore. Versione preferibile per gas, con liquidi può verificarsi il fenomeno del colpo d'ariete

(●) NC valves closing with the flow. (flow over seat). Operates better with gases, with liquids water-hammer is possible

- ✓ max. pressione con vapore s.s. : 10 bar ass. (180 °C)
max. working pressure with steam : 10 bar abs. (180 °C)
- ✓ l'attuatore può essere ruotato di 360° pneumatic actuator can be rotated as required

Accessori - Opzioni / Accessories - Options

- ✓ MH311 Elettrovalvola Pilota 3 Vie NC - Comando Manuale
MH311 3-Way NC Pilot Solenoid Valve - Manual Override
- ✓ solo per pistone Ø 63 / 90 - only for Ø 63 / 90 piston
comando manuale - manual override
regolatore di corsa - stroke regulator
sensore magnetico integrato - integrated inductive switch
- ✓ per tutti i modelli - for all types
kit di conversione sensore magnetico
conversion kit for external inductive switch





Misura Size pollici inches	DN	Fatt. Flusso Flow Factor	Funzione Function	Direzione Flusso Flow Direction	Min.Press. Comando Min. Pilot Pressure	Pressione Esercizio Working Pressure Pilota Fluido Pilot Fluid	Diagramma Diagram	Riferimento Codice Reference Code
	mm	m ³ / h		(●)	bar @	bar bar	rif. / ref.	Tipo / Type

FUNZIONE NC - NCFUNCTION Direzione Flusso / Flow Direction → Sotto Sede / Underseat

1"	25	15.3	NC	2 → 1	3.3	3.3 14	(L)	1216T09
1-1/4"	32	25.2	NC		3.3	3.3 12		1217T09
1-1/2"	40	42.0	NC		3.3	3.3 8		1218T09
2"	50	57.0	NC		3.3	3.3 6		1219T09

FUNZIONE NC - NCFUNCTION Direzione Flusso / Flow Direction → Sopra Sede / Overseat

1"	25	15.3	NC	1 → 2	1.0	2.0 20	(K)	1216T19
1-1/4"	32	25.2	NC		2.5	3.5 20		1217T19
1-1/2"	40	42.0	NC		2.5	4.0 16		1218T19
2"	50	57.0	NC		2.5	5.0 9		1219T19

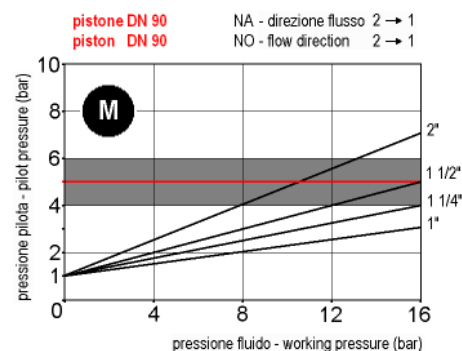
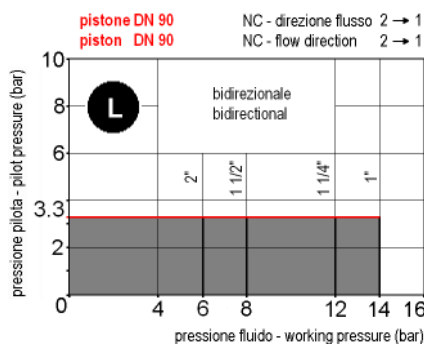
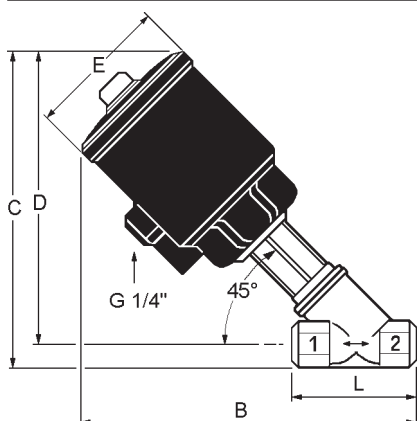
FUNZIONE NA - NOFUNCTION Direzione Flusso / Flow Direction → Sotto Sede / Underseat

1"	25	15.3	NA-NO	2 → 1	1.0	3.0 16	(M)	1216T39
1-1/4"	32	25.2	NA-NO		1.0	4.0 16		1217T39
1-1/2"	40	42.0	NA-NO		1.0	5.0 16		1218T39
2"	50	57.0	NA-NO		1.0	5.0 11		1219T39

@ minima pressione pilota richiesta - minimum pilot pressure required

(●) Valvole con flusso sopra l'otturatore. Versione preferibile per gas
 NC valves closing with the flow. (flow over seat). Operates better with gases

- ✓ max. pressione con vapore s.s. 10 bar ass. (180 °C)
 max. working pressure with steam 10 bar abs. (180 °C)
- ✓ l'attuatore può essere ruotato di 360° - pneumatic actuator can be rotated as required
- ✓ idonee ad operare con vuoto a 10⁻² mbar - for vacuum application up to 10⁻² mbar


Opzioni - Options

Valvole con Sede ricavata su Blocchi
 Valves on Cavity Manifold Blocks



DN	att. act.	dimensioni dimensions (mm.)					
	DN	L	B	C	D	E	
15	63	65	192	184	171	85	
20	63	75	198	192	176	85	
25	63	90	212	205	185	85	
32	63	110	225	217	193	85	
40	63	120	230	225	198	85	
50	63	150	248	241	207	85	
25	90	90	223	216	196	112	
32	90	110	234	227	202	112	
40	90	120	239	235	207	112	
50	90	150	257	250	216	112	

