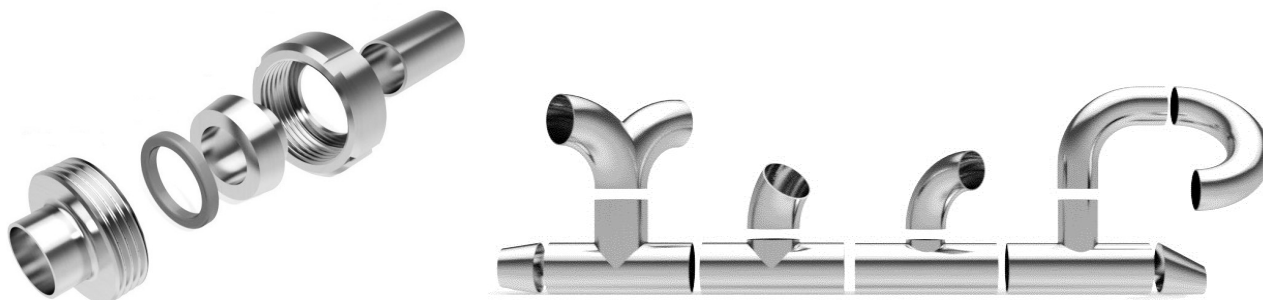


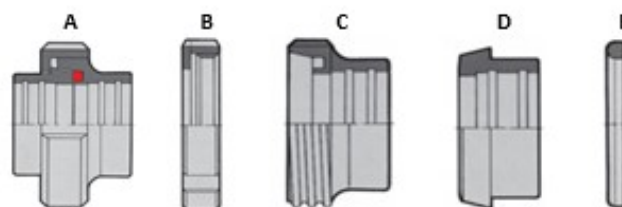
Categoria 06 FP Raccordi Tubi e Accessori
FPDF Raccordi DIN e Componenti
Fittings and Pipe Accessories
DIN Fittings Valves Components

 Categoria **FPDF** raccordi e accessori serie DIN 11851

Raccordi secondo la norma DIN 11851/50
Specifiche generali

- Dimensioni: DN 10 ... DN 150
- Materiali: EN1.4301(304) e EN1.4404(316L)
- Lavorazione: forgiatura
- Finitura: lucida
- Pressioni di esercizio (indicative):
- DN 10 ... DN 40 Max, 40bar @ 20°C
- DN 50 ... DN 100 Max, 25bar @ 20°C
- DN 125 ... DN 150 Max, 16bar @ 20°C
- Connessione: a mandrinare o a saldare di testa

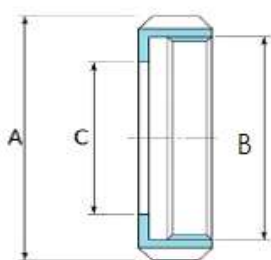
Descrizione:

- A. Bocchettone completo, composto da:
- B. Girella
- C. Raccordo Femmina
- D. Raccordo Maschio
- E. Guarnizione

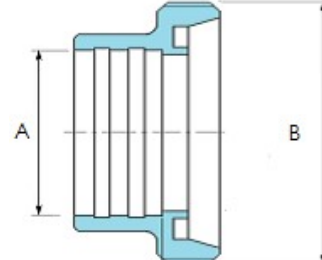


GIRELLA				FEMMINA A MANDRINARE			
DN	A	B	C	DN	A	B	
10	38	28x1/8	19	10	12.2	28x1/8	
15	44	34x1/8	25	15	18.2	34x1/8	
20	54	44x1/6	31	20	22.2	44x1/6	
25	63	52x1/6	36	25	28.3	52x1/6	
32	70	58x1/6	42	32	34.3	58x1/6	
40	78	65x1/6	49	40	40.3	65x1/6	
50	92	78x1/6	62	50	52.3	78x1/6	
60	99	85x1/6	70	60	60.4	85x1/6	
65	112	95x1/6	80	65	70.3	95x1/6	
80	127	110x1/4	95	80	85.3	110x1/4	
100	148	130x1/4	115	100	102	130x1/4	
125	178	160x1/4	138	100	104.3	130x1/4	
150	210	190x1/4	164				

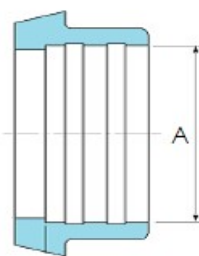
MASCHIO A MANDRINARE				GUARNIZIONE			
DN	A			DN	A	C	
10	12.2			10	20	12	
15	18.2			15	26	18	
20	22.2			20	33	23	
25	28.3			25	40	30	
32	34.3			32	46	36	
40	40.3			40	52	42	
50	52.3			50	64	54	
60	60.4			60	71	61	
65	70.3			65	81	71	
80	85.3			80	104	94	
100	102			100	114	104	
100	104.3			125	142	130	
				150	167	155	



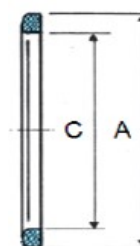
Materiali: AISI304

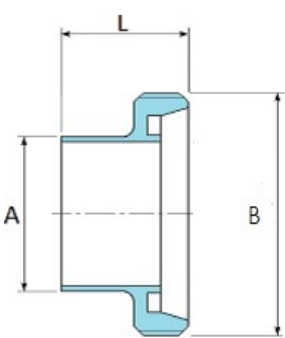
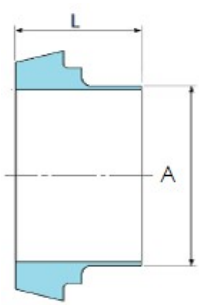
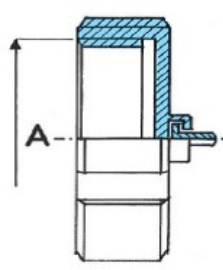
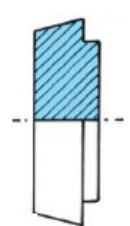
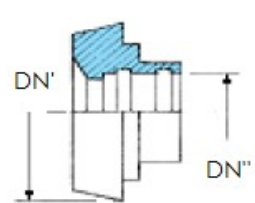
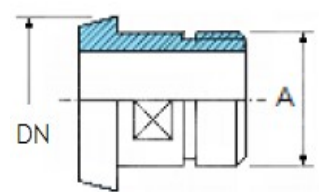
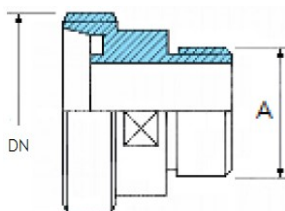
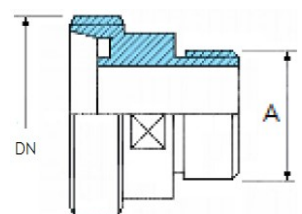


Materiali: AISI304 / 316L



Materiali: AISI304 / 316L

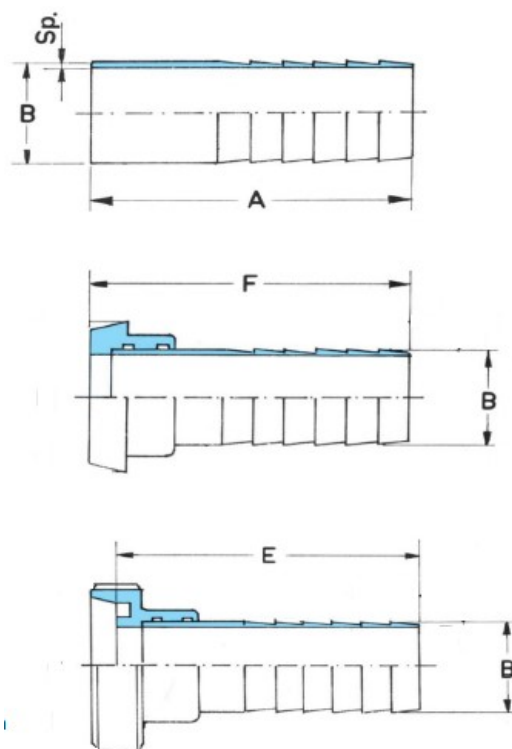

 Materiali: NBR/EPDM/VITON
SILICONE/PTFE

FEMMINA LUNGA A SALDARE					MASCHIO LUNGO A SALDARE				
DN	A	B	L		DN	A	L		
10	12	28x1/8	21	Materiali: AISI304 / 316L	10	12	17	Materiali: AISI304 / 316L	
15	18	34x1/8	21		15	18	17		
20	22	44x1/6	24		20	22	18		
25	28	52x1/6	29		25	28	22		
32	34	58x1/6	32		32	34	25		
40	40	65x1/6	33		40	40	26		
50	52	78x1/6	35		50	52	28		
60	60.3	85x1/6	36		60	60.3	30		
65	70	95x1/6	40		65	70	32		
80	85	110x1/4	45		80	85	37		
100	101.6	130x1/4	54	Materiali: AISI304 / 316L	100	101.6	44	Materiali: AISI304 / 316L	
125	129	160x1/4	46		125	129	34		
150	154	190x1/4	50		150	154	37		
GIRELLA CIECA C/CATENELLA					TAPPO MASCHIO				
DN	A				DN				
10	28x1/8			Materiali: AISI304 completa di guarnizione	10			Materiali: AISI304 / 316L	
15	34x1/8				15				
20	44x1/6				20				
25	52x1/6				25				
32	58x1/6				32				
40	65x1/6				40				
50	78x1/6				50				
60	85x1/6				60				
65	95x1/6				65				
80	110x1/4				80				
100	130x1/4			Materiali: AISI304 / 316L	100			Materiali: AISI304 / 316L	
125	160x1/4				125				
150	190x1/4				150				
MASCHIO RIDOTTO					MASCHIO FILETTATO GAS				
DN'	DN'				DN	A			
25	20			Materiali: AISI304 / 316L	10	3/8"		Materiali: AISI304 / 316L	
32	25				10	1/4"			
40	32				15	1/2"			
	25				15	3/8"			
	40				20	3/4"			
50	32				20	1/2"			
	25				25	1"			
65	50				25	3/4"			
	40				32	1"1/4			
	65				32	1"			
80	50			Materiali: AISI304 / 316L	40	1"1/2		Materiali: AISI304 / 316L	
	40				40	1"1/4			
	65				40	1"			
100	80				50	2"			
	65				50	1"1/2			
					50	1"1/4			
					65	2"1/4			
					65	2"			
					65	1"1/2			
FEMMINA FILETTATA GAS					FEMMINA FILETTATA GAS				
DN'	A				DN	A			
10	3/8"			Materiali: AISI304 / 316L	50	2"		Materiali: AISI304 / 316L	
	1/4"				50	1"1/2			
15	1/2"				50	1"1/4			
	3/8"				65	2"1/2			
20	3/4"				65	2"			
	1/2"				65	1"1/2			
25	1"								
	3/4"								
32	1"1/4								
	1"								
40	1"1/2								
	1"1/4								
	1"								

<

PORTAGOMMA A SALDARE
PORTAGOMMA MASCHIO
PORTAGOMMA FEMMINA

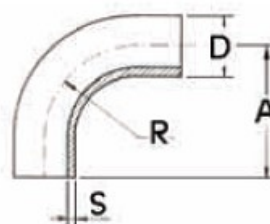
DN	B	Sp.	A	E/F
10	12	1.5	60	50
15	18	1.5	80	55
20	22	1.5	80	86
25	28	1.5	100	106
32	34	1.5	100	107
40	40	1.5	100	106
50	52	1.5	100	106
60	60.3	2	100	105
65	70	2	100	107
80	85	2	120	129
100	101.6	2.5	120	129



Materiali: AISI304 / 316L

CURVA A MANDRINARE 90°

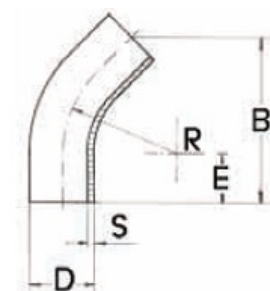
DN	A	D	S	R
10	38	12	1.5	26
15	47	18	1.5	35
20	52	22	1.5	40
25	70	28	1.5	50
32	80	34	1.5	55
40	85	40	1.5	60
50	97	52	1.5	70
65	110	70	2	80
80	118	85	2	90
100	150	101.6	2	110
100	140	104	2	100



Materiali: AISI304 / 316L

CURVA A MANDRINARE 45°

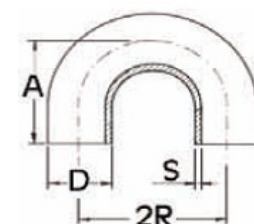
DN	B	D	S	R
10	38	12	1.5	26
15	47	18	1.5	35
20	52	22	1.5	40
25	70	28	1.5	50
32	80	34	1.5	55
40	85	40	1.5	60
50	97	52	1.5	70
65	110	70	2	80
80	118	85	2	90
100	150	101.6	2	110
100	140	104	2	100



Materiali: AISI304 / 316L

CURVA A MANDRINARE 180°

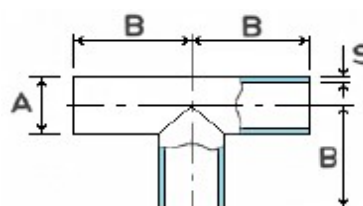
DN	A	D	S	2R
10	38	12	1.5	52
15	47	18	1.5	70
20	52	22	1.5	80
25	70	28	1.5	100
32	80	34	1.5	112
40	90	40	1.5	126
50	100	52	1.5	146
65	115	70	2	172
80	130	85	2	184
100	150	101.6	2	220
100	150	104	2	220



Materiali: AISI304 / 316L

TEE A MANDRINARE

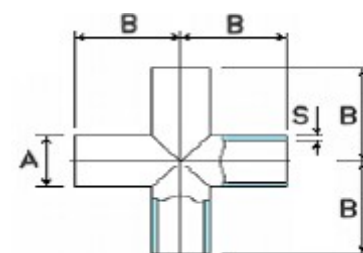
DN	A	B	S
10	12	26	1.5
15	18	35	1.5
20	22	40	1.5
25	28	50	1.5
32	34	55	1.5
40	40	60	1.5
50	52	70	1.5
65	70	80	2
80	85	90	2
100	101.6	100	2
100	104	100	2



Materiali: AISI304 / 316L

CROCE A MANDRINARE

DN	A	B	S
10	12	26	1.5
15	18	35	1.5
20	22	40	1.5
25	28	50	1.5
32	34	55	1.5
40	40	60	1.5
50	52	70	1.5
65	70	80	2
80	85	90	2
100	101.6	100	2
100	104	100	2



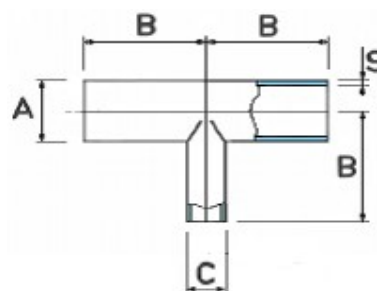
Materiali: AISI304 / 316L

<

TEE RIDOTTO A MANDRINARE				
DN	A	C	B	S
25/20	28	22	50	1.5
25/15		18		
32/25		28		
32/20	34	22	55	1.5
32/15		18		
40/32		34		
40/25	40	28	60	1.5
40/20		22		
50/40		40		
50/32	50	34	70	1.5
50/25		28		
50/20		22		
65/50	65	52	80	2
65/40		40		
65/32		34		
65/25		28		
80/65	85	70	90	2
80/50		52		
80/40		40		
80/32		34		
80/25	*104	28	100	2
100/80		85		
100/65		70		
100/50		52		

* A possibile anche Ø 101.6

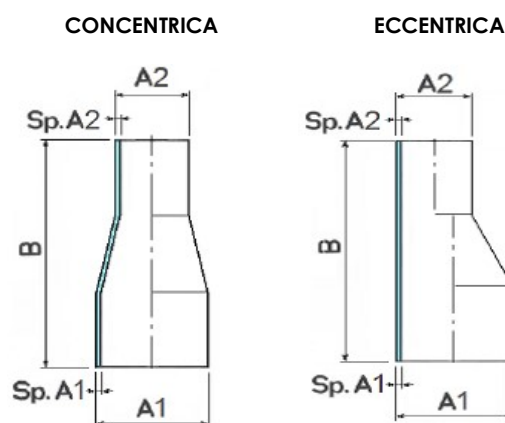
Materiali: AISI304 / 316L



RIDUZIONE A MANDRINARE					
DN	A1	A2	B	SA1	SA2
15/10	18	12	60	1.5	1.5
20/15	22	18			
25/20	28	22			
25/15		18			
25/10		12			
32/25	34	28	80		
32/20		22			
32/15		18			
40/32	40	34	88		
40/25		28			
40/20		22			
50/40	52	40	113		
50/32		34	129		
50/25		28	115		
50/20		22	117		
65/50	70	52	130		
65/40		40	120		
65/32		34	117		
65/25		28	125		
80/65	85	70	120	2	
80/50		52	130	1.5	
80/40		40			
80/32		34			
80/25	28				
100/80	*104	85	120	2	
100/65		70	127	1.5	
100/50		52	160		
100/40			40	172	

* A1 possibile anche Ø 101.6

Materiali: AISI304 / 316L



PEZZI SPECIALI A RICHIESTA

CURVA CON PEZZO A T

PEZZO A T INCLINATO 45°

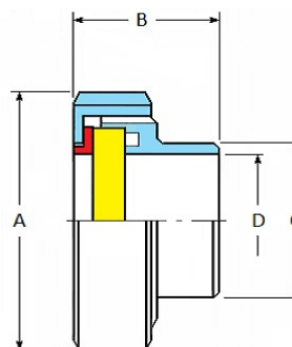
PEZZO A Y 90° / 120°

TEE A SALDARE ESTRUSO



SPECOLA PIANA

DN	A	B	C	D
25	63	38	35	26
32	70	42	41	32
40	78	42	48	38
50	92	44	61	50
65	112	52	79	66
80	127	57	93	81
100	148	66	114	98
125	178	57	137	125
150	210	65	162	150

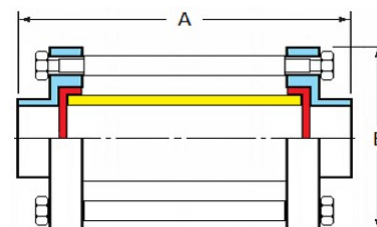
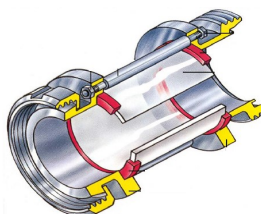


Materiali: AISI304 / 316L - vetro PIREX

PASSAGGIO VISIVO

DN	A (1)	A (2)	B
25	137	101	64
32	143	101	69
40	156	111	79
50	159	111	89
65	211	155	109
80	221	155	124
100	234	159	149
125	223	166	190
150	/	166	215

- (1) Quota A per attacchi F/F
(2) Quota A per attacchi S/S

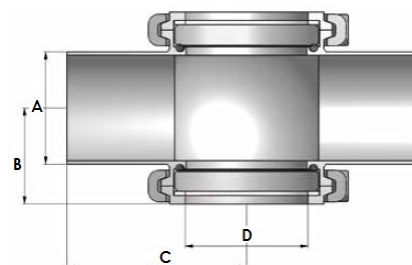


Materiali: AISI304 / 316L - vetro PIREX

SPECOLA PIANA IN LINEA BBTRD

DN	A	B	C	D
25	28	33.5	60	33
32	34	39.5	60	46
40	40	39.5	60	46
50	52	45.5	77	58
65	70	55.5	100	74
80	85	63	105	89
100	102	72.5	120	89

Versione quota A - S/S/ INCH

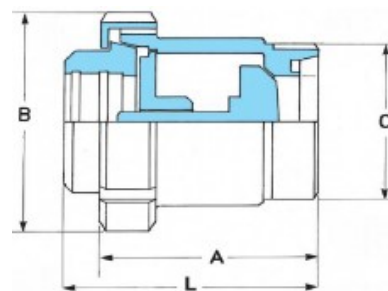
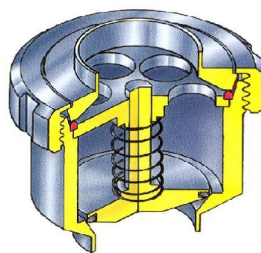


Materiali: AISI316L/EPDM - vetro BOROSILICATO (max 150°C)

VALVOLA DI RITEGNO

DN	A	B	C	L
25	68	70	52x1/6	80
32	82	92	58x1/6	96
40	82	92	65x1/6	96
50	88	112	78x1/6	104
65	98	127	95x1/6	122
80	136	148	110x1/4	159
100	142	179	130x1/4	165

Attacchi STD Femmina/Mandrinare (F/M)
A richiesta Saldare / Saldare (S/S)



Materiali: AISI304 / 316L – tenuta metallica a richiesta morbida

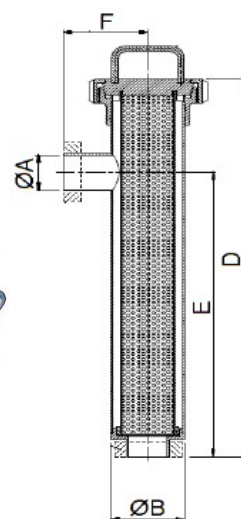
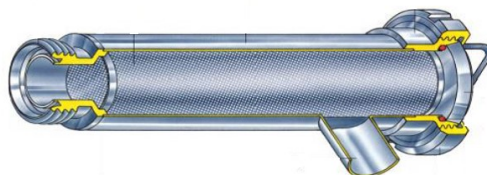
FILTRO DI LINEA 90°

DN	A	B	D	E	F
25	28	70	327	224	85
32	34	70	327	224	85
40	40	70	327	224	85
50	52	70	327	224	85
65	70	114	367	255	115
80	85	129	367	255	127
100	104	139	369	330	150

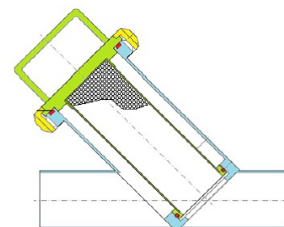
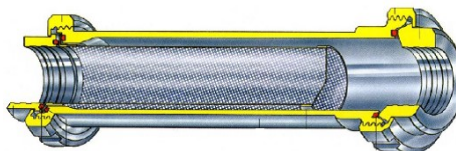
Attacchi standard Femmina / Femmina (F/F)
A richiesta Saldare / Saldare (S/S) o altro
Cestello in lamiera forata Ø 1mm
A richiesta Ø 0.5 o > 1mm

A richiesta sono possibili diverse configurazioni:

- filtro di linea attacchi a 180°
- filtro di linea a 45°
- versione HP per filtrazione spinta

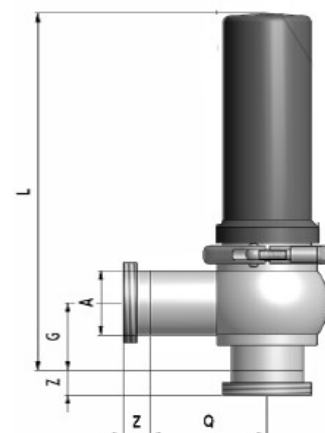
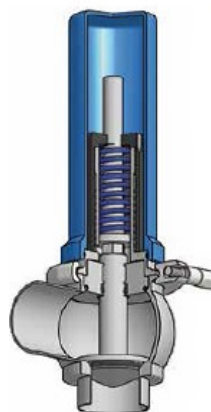


Materiali: AISI304 / 316L
A richiesta:

**VALVOLA DI BY-PASS BBZS1**

DN	A	L	G	Q	Z
10	12	260	30	45	21
15	18	260	33	45	21
20	23	260	35	50	24
25	28	265	42.5	65	29
32	34	277	45.5	70	32
40	40	277	48.5	70	33
50	52	289	54.5	85	35
65	70	305	63	95	40
80	85	320	70.5	105	45
100	101.6	339	79	120	54

Attacchi standard Femmina / Femmina (F/F DIN)
A richiesta Saldare / Saldare (S/S) o altro INCH
La quota Z è in funzione del tipo di raccordo
Configurazione standard corpo 1L
Finitura superficiale standard Ra0.8µm
Campo molle da definire



Materiali: AISI 316L/EPDM

VALVOLA FARFALLA VVF DIN F/F

DN	A	B	D	E
20	35	106	80	160
25	35	107	80	
32	36	109	85	
40	35	112	92	
50	37	118	104	
65	41	129	125	
80	46	137	142	
100	47	147	162	220
125	56	161	200	
150	62	176	230	

Versione standard **Femmina/Femmina (F/F)**

Corpo AISI316L EN1.4404

Elastomero EPDM -10°/+120°c

Pressione massima del prodotto 10bar

Finitura superficiale standard Ra0.8µm

A richiesta sono possibili diverse configurazioni:

- leva inox 2 / 4 o infinite posizioni
- connessioni SMS-S/S-CLAMP-BS-IDF
- diverse tipologie di elastomero FKM/HNBR ..
- azionamento con attuatore pneumatico
- unità di controllo Giotto e JGiotto

Attuatore pneumatico verticale serie **MACH**

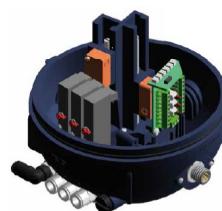
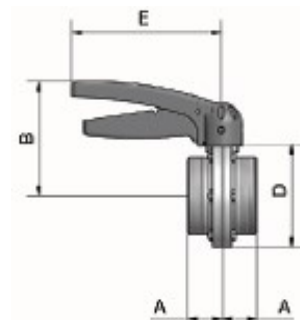
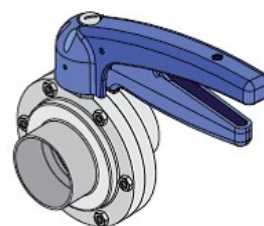
Disponibile nelle seguenti versioni:

- SE semplice effetto
- DE doppio effetto
- grandezza 83 – 98 – 156
- attacco aria 1/8" tubo 6x4
- pressione di comando 6/8 bar
- materiale AISI304/NBR

Unità di controllo serie **Giotto e J-Giotto Top**

Disponibile nelle seguenti versioni:

- materiale PA66+PA6/NBR
- protezione IP67
- attacco aria 1/8" tubo 6
- pressione di comando 6/7 bar
- temperatura -25°/+70°c
- elettrovalvola/e 24Vdc a bordo
- sensori induttivi di posizione 24Vdc

**VALVOLA FARFALLA serie ECO DIN F/F**

DN	C	F	D	E
25	66	52x1/6	80	61
32	68	58x1/6	85	58
40	68	65x1/6	95	68
50	74	78x1/6	106	74
65	80	95x1/6	128	86
80	82	110x1/4	137	92
100	88	130x1/4	155	101
125	110	160x1/4	189	108
150	120	190x1/4	219	120

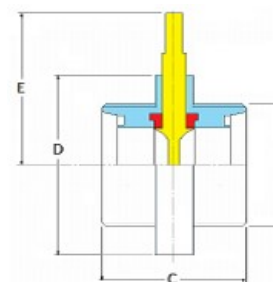
Versione standard **Femmina/Femmina (F/F)**

Corpo AISI304 (AISI316 su richiesta)

Elastomero EPDM

A richiesta sono possibili diverse configurazioni:

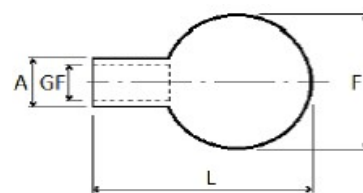
- leva inox 2 / 4 o infinite posizioni
- connessioni SMS-S/S-CLAMP-BS-IDF
- diverse tipologie di elastomero
- kit montaggio ISO5211 per attuatori
- azionamento con attuatore pneumatico orizzontale in alluminio
- sensori induttivi e box limit switches



SFERE DI LAVAGGIO

MOD.	TIPO	A	F	L
CD17A	A	1/4"G	28	41
CD17C	C	1/4"G	28	41
CD15A	A	22	40	65
CD15B	B	22	40	65
CD15C	C	22	40	65
CD10A	A	28	50	75
CD10B	B	28	50	75
CD10C	C	28	50	75
CD1JA	A	28	65	90
CD1JB	B	28	65	90
CD1JC	C	28	65	90

A richiesta sono possibili diverse configurazioni
Contattare UT per portate e raggio di azione



TIPO A
tutta forata

TIPO B
forata sopra

TIPO C
forata sotto



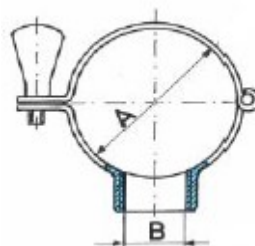
Materiali: AISI 316

REGGITUBO A CERNIERA

DN	A	B
DIN DN 15	18	3/8"
DIN DN 20	22	
DIN DN 25	28	
DIN DN 32	34	
DIN DN 40	40	
DIN DN 50	52	1/2"
DIN DN 65	70	
DIN DN 80	85	
DIN DN 100	101/104	

INCH 1"	25.4	
INCH 1"1/2	38	
INCH 2"	50	
INCH 2"1/2	63	1/2"
INCH 3"	76	
INCH 4"	101	

GAS 1/2"	21	
GAS 1"	33	
GAS 1"1/4	42	
GAS 1"1/2	48	
GAS 2"	60	1/2"
GAS 2"1/2	76	
GAS 3"	88	
GAS 4"	114	



Materiali: AISI304