

# UNIC:

LAVORAZIONI DI PRECISIONE



**Telefono**  
**+39 0445 300499**

**E-mail**  
**info@unicnet.com**

**Sito web**  
**www.unicnet.com**

# VALVOLE DI NON RITORNO E A SFERA

NON RETURN & BALL VALVES

The non return valve allows the free air flow from the supply to its application and prevents the return of flow to the supply. It is usually used as safety device, as it allows pressure to be maintained while unloading the supply.



<b>Standard supply</b>	Thread from 1/8 to 1/2
<b>Material</b>	Brass body and Shutter CW614N O-ring in Viton Spring made of AISI 302 steel
<b>Use temperature</b>	-18°C +70°C
<b>Pressure</b>	min 0,5 bar max 8 bar
<b>Use</b>	Air - Gas

La valvola di non ritorno permette il libero flusso dell'aria, dall'alimentazione all'utilizzo e impedisce il ritorno della stessa verso l'alimentazione.

Vengono generalmente impiegate come elementi di sicurezza in quanto permettono di mantenere in pressione una parte dell'impianto pur scaricando l'alimentazione.



Filetto da 1/8 a 1/2

**Disponibilità standard**

Corpo e otturatore in Ottone CW614N  
O-ring in Viton  
Molla in acciaio AISI 302

**Materiali**

-18°C +70°C

**Temperatura di utilizzo**

min 0,5 bar  
max 8 bar

**Pressione di utilizzo**

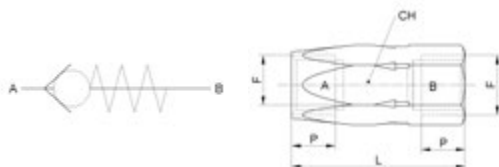
Aria compressa - Gas inerti

**Impiego**



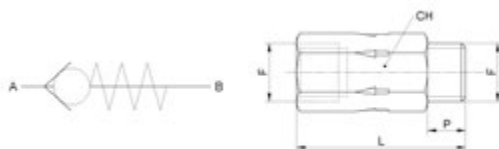
## Valvola di non ritorno femmina-femmina Female-female no return valve

Code	F	CH	P	L	Gr.
VNR100M5NI	M5	8	5,5	26,5	14,0
VNR10018NI	1/8	13	8,5	35,5	26,0
VNR10014NI	1/4	17	11,0	42,5	37,8
VNR10038NI	3/8	24	12,0	58,0	72,6
VNR10012NI	1/2	24	15,0	64,0	120,8



## Valvola di non ritorno maschio-femmina Male-female no return valve

Code	F	CH	P	L	Gr.
VNR20018NI	1/8	14	12,0	53,0	59,0
VNR20014NI	1/4	17	17,0	66,0	103,4
VNR20012NI	1/2	27	20,0	81,0	246,6
VNR200M5NI	M5	8	5,5	26,5	14
VNR20038NI	3/8	24	12,0	58,0	72,6



The Mini and Micro ball valves are shutoff valves type ON - OFF.

The opening and closing valve work manually through the lever.

The Micro series have been created for applications with limited spaces



<b>Standard Supply</b>	Thread from 1/8 to 3/4
<b>Material</b>	Brass body and ball CW614N O-ring Nbr 70 PTFE Seal Lever Nylon 66 glass
<b>Use temperature</b>	-25°C +90°C
<b>Use pressure</b>	min 0 bar max 10 bar
<b>Use</b>	Air - Gas - Water - Oils

Le Mini e Micro valvole a sfera sono valvole di intercettazione del tipo ON-OFF. L'apertura e la chiusura della valvola avvengono manualmente mediante l'apposita leva. La serie Micro è stata studiata per le applicazioni che necessitano di ingombri ridotti.



Filetto da 1/8 a 3/4

**Disponibilità standard**

Corpo e sfera in Ottone CW614N  
O-ring in Nbr70  
Guarnizioni in PTFE  
Leva in nylon 66 caricato vetro

**Materiali**

-25°C +90°C

**Temperatura di utilizzo**

min 0 bar  
max 10 bar

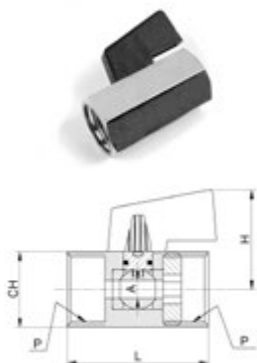
**Pressione di utilizzo**

Aria compressa - Gas - Acqua - Oli

**Impiego**

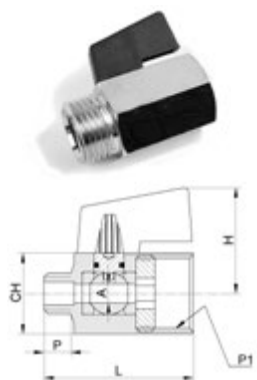


## Mini valvola a sfera femmina-femmina Female-female mini ball valve



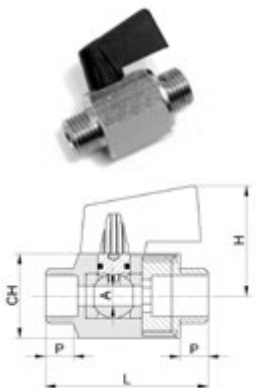
Code	F	CH	P	L	A	H	Gr.
MVS40018FF	1/8	20	9,0	39,0	8,0	14,0	93,0
MVS40014FF	1/4	20	9,0	39,0	8,0	14,0	93,0
MVS40038FF	3/8	20	12,0	42,0	8,0	14,0	85,0
MVS40012FF	1/2	24	12,5	47,0	10,0	16,0	127,5
MVS40034FF	3/4	30	14,5	54,0	12,0	19,0	195,0

## Mini valvola a sfera maschio-femmina Male-female mini ball valve



Code	F	CH	P	P1	L	A	H	Gr.
MVS40518MF	1/8	20	8,0	10,5	39,0	8,0	28,0	80,5
MVS40514MF	1/4	20	9,0	10,5	39,0	8,0	28,0	78,0
MVS40538MF	3/8	20	10,0	10,0	40,0	8,0	28,0	74,0
MVS40512MF	1/2	24	12,0	10,5	45,0	10,0	30,0	122,0
MVS40534MF	3/4	30	14,0	12,0	51,0	12,0	32,0	180,0

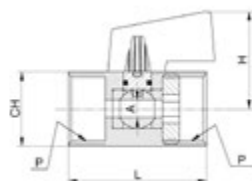
## Mini valvola a sfera maschio-maschio Male-male mini ball valve



Code	F	CH	P	L	A	H	Gr.
MVS41014MM	1/4	20	9,0	40,5	8,0	28,0	69,0
MVS41038MM	3/8	20	10,0	42,5	8,0	28,0	71,0
MVS41012MM	1/2	24	11,0	50,0	10,0	30,0	117,0

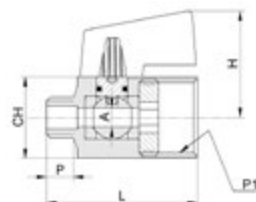
**Micro valvola a sfera femmina-femmina**  
**Female-female micro ball valve**

Code	F	CH	P	L	A	H	Gr.
MCVS100018FF	1/8	15	8,0	34,0	5,5	21,5	35,0
MCVS100014FF	1/4	15	11,0	39,0	5,5	21,5	40,0
MCVS100038FF	3/8	17	11,5	43,0	7,0	22,5	
MCVS100012FF	1/2	21	16,0	49,0	10,0	32,0	



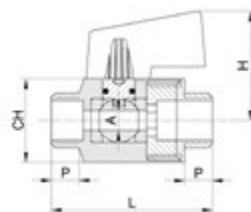
**Micro valvola a sfera maschio-femmina**  
**Male-female micro ball valve**

Code	F	CH	P	P1	L	A	H	Gr.
MCVS110018MF	1/8	15	8,0	8,0	34,0	5,5	21,5	34,0
MCVS110014MF	1/4	15	11,0	11,0	39,0	5,5	21,5	40,0
MCVS110038MF	3/8	17	13,0	16,0	43,0	7,0	22,5	
MCVS110012MF	1/2	21	17,0	23,0	49,0	10,0	32,0	



**Micro valvola a sfera maschio-maschio**  
**Male-male micro ball valve**

Code	F	CH	P	L	A	H	Gr.
MCVS120018MM	1/8	15	8,0	33,0	5,5	21,5	31,0
MCVS120014MM	1/4	15	11,0	36,0	5,5	21,5	36,0
MCVS120038MM	3/8	17	13,0	45,0	7,0	22,5	
MCVS120012MM	1/4	21	17,0	48,0	10,0	32,0	





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