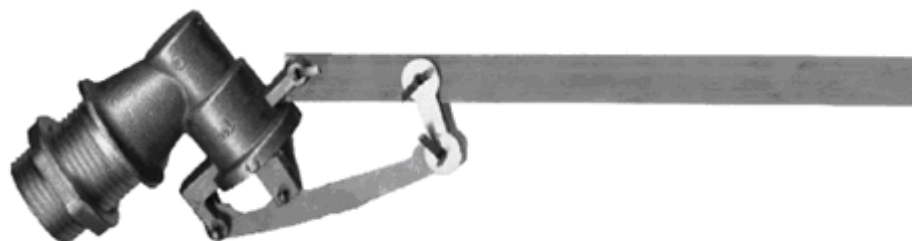




Producator: ***ESSETI Italia***

## **Plutitor mecanic**



### ***FISA TEHNICA***

Revizia nr. 0 / martie 2011

## Materiale

### PENE DIN ALAMA (parti prelucrate din presofuziune)

Denumire comerciala: DELTA C (de ex alama OT50)

Compozitie:

Cu	Pb	Ni (max)	Fe (max)	Mn (max)	Sn (max)	Si (max)	Al	As	Zn
58,5-59,5	1,8-2,5	0,6	1,0	0,3	1,2	0,05	0,4-0,8	--	--

Densitate=8,45Kg/dmc

Conductivitate electrica=21

Retragere liniara=1.9-2%

Punct de fuziune=850C

Temperatura la curgere=980-1080C

Incarcare rupere la tractiune=390-440N/mmp

Alungire=22-25%

Duritate Brinell=90-100HB

### BARA TREFILATA (lucrari de turnatorie)

Norma: UNI EN 12164CW614N

Aliaj: CW614N (de ex OT58)

Compozitie:

Cu	Pb	Ni (max)	Fe (max)	Mn (max)	Sn (max)	Si (max)	Alte (max)	Zn
57-59	2,5-3,5	0,3	0,3	0,3	0,3	0,05	0,2	Restul

### BARA EXTRUDATA (turnare la cald)

Norma: UNI EN 12165CW617N

Aliaj: CW617N (de ex OT58)

Compozitie:

Cu	Pb	Ni (max)	Fe (max)	Mn (max)	Sn (max)	Si (max)	Alte (max)	Zn
57-59	1,6-2,5	0,3	0,3	0,3	0,3	0,05	0,2	Restul



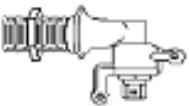
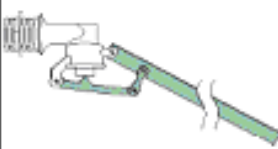





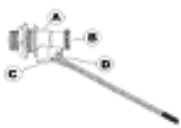




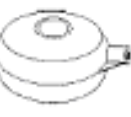

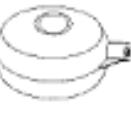
### GARNITURI (pentru etansare piston)

Material: EPDM65SH

### PISTOANE SI SAIBE DIN PLASTIC

Material: PP FV10/PP FV25 (Polipropilena incarcata cu fibra de sticla 10%-25%)

## Presiuni maxime recomandate

		Plutitor	Sfera	Presiune maxima
				atm
		<b>320A</b>	<b>295</b>	
		320A-1/2"	295-120	8
		320A-3/4"	295-120	8
		320A-1"	295-150	7
		320A-1"1/4	295-180	4
		320A-1"1/2	295-220	4
		320A-2"	295-220	3
 	 	<b>274A</b>	<b>291 - 295</b>	
		274A-3/8"	291-90	5
		274A-1/2"	291-90	3
		274A-3/4"	295-120	2
		274A-1"	295-150	2
		274A-1"1/4	295-180	1
		274A-1"1/2	295-220	1
		274A-2"	295-220	1
		274A-2"1/2	295-300	1
		274A-3"	295-300	1
274A-4"	295-300	1		
 		<b>104A</b>	<b>296</b>	
		104A-1/2"	296-4"1/2	10
		104A-3/4"	296-4"1/2	10
		104A-1"	296-5"1/2	8
		104A-1"1/4	296-8"	4
		104A-1"1/2	296-8"	4
		104A-2"	296-8"	3
		<b>106A</b>	<b>296</b>	
		106A-1/2"	296-4"1/2	10
		106A-3/4"	296-4"1/2	10
		<b>103A</b>	<b>295</b>	
		103A-1/2"	295-120	10
		103A-3/4"	295-120	10
		<b>110A</b>	<b>291</b>	
		110A-3/8"	291-90	4
		<b>215A</b>	<b>291</b>	
		215A-3/8"	291-90	4
		215A-1/2"	291-90	4

## Instalare

Robinet cu plutitor seria 103, 106, 320

Fig. 1 - Art. 103

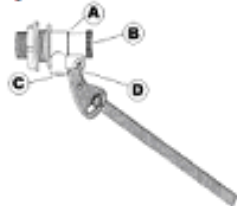


Fig. 2 - Art. 106

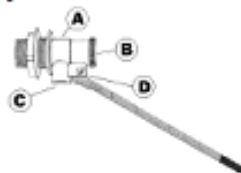
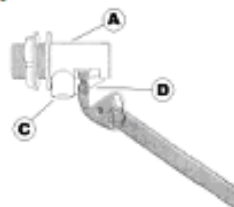


Fig. 3 - Art. 320



Verificati:

	Art 103 Fig1	Art 106 Fig2	Art 320 Fig3
Absenta fisuri pe corp	A	A	A
Strangere buna dop	B	B	
Strangere buna tub golire	C	C	C
Miscare regulata, completa si fara oscilatii axa si piston	D	D	D

Efectuati:

	Art.103 Fig.1	Art.106 Fig.2	Art.320 Fig.3
Proba de etanseitate			

### Atentie!

Pentru a preveni pericolul de inundatie in caz de fisurare a robinetului, dotati intotdeauna rezervorul de acumulare cu o golire adecvata de siguranta (prea-plin), al carui diametru sa nu fie mai mic decat diametrul conductei de alimentare. La intrare in plutitor, trebuie sa existe filtru de impuritati, pentru a preveni obstructionarea plutitorului.

## Debit teoretic art.274

Diametru	274A scaun alama			274B scaun inox			Diam.sfera mm
	Diam. orificiu	Presiune	Debit	Diam. orificiu	Presiune	Debit	
	mm	atm	Litri/min	mm	atm	Litri/min	
3/8" 1/2"	3,5	2	12	3,5	2	12	85
		4	17		4	17	
		6	21		6	21	
3/4"	7,5	2	52	9	2	75	120
		4	74		4	107	
1"	12	2	134	11	2	113	150
		4	190		4	160	
1"1/4	20	1	264	20	1	264	180
		2	373		2	373	
1"1/2	26,5	1	464	22,6	1	337	220
		2	656		2	477	
2"	30	1	594	26	1	446	220
		2	840		2	631	
2"1/2	33	1	719				300
		2	1.016				
3"	39,5	1	1.030				300
		2	1.456				
4"	49	1	1.585				300
		2	2.242				



Colectivul de redactare a cartii tehnice:

Traducere:  
Verificare tehnica:  
Tehnoredactare:

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BUCURESTI; Capital Social: 139.400.000.000 ROL (13.940.000 RON)

