SCHEDA TECNICA

Azienda Certificata ISO 9001

Certified Company ISO 9001

ST 405 · 406
Rev. 1

ART. 405
ART. 406

ART. 405 - 406
SARACINESCA IN GHISA SFEROIDALE GJS 500-7 PN 10-16 - CUNEO GOMMATO - CORPO PIATTO E CORPO OVALE

ART. 405 - 406
GATE VALVE IN DUCTILE CAST IRON GJS 500-7 PN 10-16 - RUBBER WEDGE - OVAL BODY AND FLAT BODY





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ed idrauliche

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▪ DESCRIZIONE GENERALE ▪ *GENERAL DESCRIPTION*

Valvola a saracinesca in ghisa sferoidale EN GJS 500-7 PN 10/16, flangiata a corpo piatto, cuneo in ghisa sferoidale gommato in NBR oppure EPDM, vite interna esente da manutenzione.
Design secondo norma UNI-EN 1074/1-2.
La saracinesca è progettata per avere un passaggio totale, con minima perdita di carico.

Gate valve with flat body flanged in nodular cast iron, EN GJS 500-7 PN 10/16, NBR or EPDM resilient wedge, internal screw maintenance-free.
Design according to UNI-EN 1074/1-2.
The gate is designed to have a total passage, with minimal pressure drop.

Campo di applicazione:

• tubazioni convoglianti acqua calda (NBR max. 70°C - EPDM max. 90°C) e fredda, altri fluidi non aggressivi e **acqua potabile, in accordo al D.M. 174 del 2004 (vedi report di prova scaricabile da www.taitecnologie.it).**
• possono essere fornite con volantino (fig.1) o con asta di prolunga e tubo riparatore in caso di interramento (fig.2).

Application field:

• *pipes for hot and cold water (NBR max. 70°C - EPDM max. 90°C) or other non-aggressive fluids piping and* **drinking water, according to D.M. 174 of 2004 (download test report on www.taitecnologie.it).**
• *They can be supplied with handwheel (fig.1) or with extension rod and fixing tube in case they are buried (fig.2).*

▪ CARATTERISTICHE TECNICHE ▪ *TECHNICAL FEATURES*

- Riferimento normativo del prodotto: UNI EN 1074-1 e UNI EN 1074-2
- Scartamento secondo UNI EN 558-1
- Conforme a norma UNI EN 11443 - UNI 10779

per le reti antincendio

- Massima pressione esercizio: PN 16
- Flangia forata secondo UNI EN 1092-2 PN 16
- Verniciatura: epossidica RAL 5005 spessore medio 250 µ
- Chiusura destrorsa indicata con freccia sul volantino
- Lucchettabile mediante catenella da fissare tra corpo e volantino
- Testate secondo norma UNI EN 12266-1

- *Product reference: UNI EN 1074-1 and UNI EN 1074-2*
- *Face to face UNI EN 558-1*
- *In compliance with UNI EN 11443-UNI 10779 standards for fire fighting system*
- *Max. pressure rating: PN 16*
- *Flange drilled according to UNI EN 1092-2 PN 16*
- *Coating* RAL 5005 *epoxy medium thickness 250 µ*
- *Clockwise valve closure*
- *Lockable by chain to be fixed between body and handwheel*
- Tested by UNI EN 12266-1

FIG.1

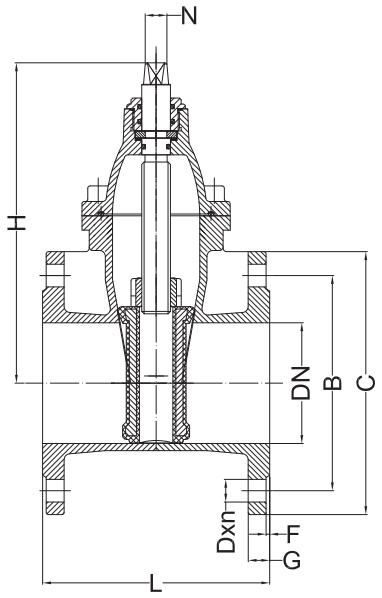


FIG.2

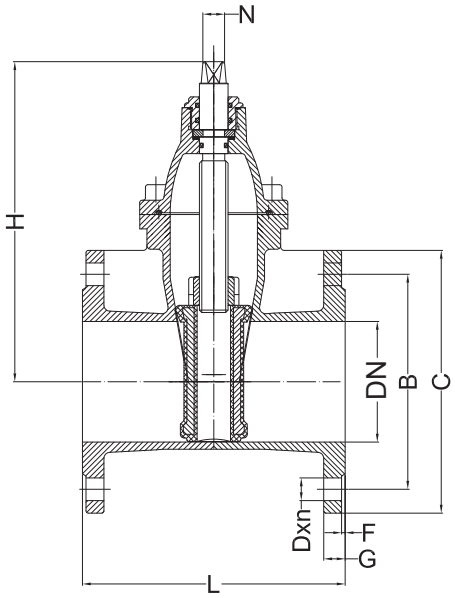


Per installazione e ulteriori caratteristiche (cerificazioni, dichiarazioni...) richiedere schede PED in azienda | For installation and additional features (cerifications, declarations...) request PED certificate in the company

405



406



Tolleranze generali *General Tollerances*	
Dimensioni *Dimensions*	± 5 mm
Peso *Weight*	± 5%

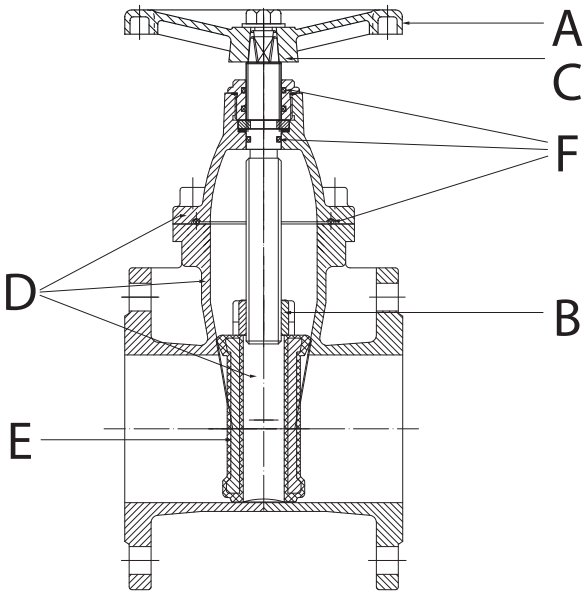
Nota: le dimensioni possono variare senza preavviso
Remark: dimensions might change without prior advice

DN	COD (NBR)	L 405	L 406	C	H	B	DXN	F	G	N	FORI	PESO
		mm									n°	kg
40	2597 (E)*	140	240	150	180	100	19	3	19	15	4	10
50	2600 (E)*	150	250	165	200	125	19	3	19	15	4	11
65	2601 (E)*	170	270	185	220	145	19	3	19	15	4	14
80	2602 (E)*	180	280	200	250	160	19	3	19	18	8	17
80PN10	2596 (E)*	180	--	200	250	160	19	3	19	18	4	17
100	2603 (E)*	190	300	220	280	180	19	3	19	18	8	23
125	2604 (E)*	200	325	250	340	210	19	3	19	20	8	30
150	2605 (E)*	210	350	285	380	240	23	3	19	20	8	40
200	2606 (E)*	230	400	340	460	295	23	3	20	20	12	60
200PN10	2595 (E)*	230	--	340	460	295	23	3	20	20	8	60
250	2598 (E)*	250	450	405	560	355	28	3	22	25	12	90
300	2599 (E)*	270	500	460	640	410	28	4	24.5	25	12	130
350	2593 (E)*	290	550	520	762	470	28	4	26.5	30	16	150
400	2594 (E)*	310	600	580	950	525	31	4	28	30	16	210

I diametri < DN 300 NON SONO SOGGETTI A MARCATURA "CE" (cat. secondo Art. 4.3 Dir. 2014/68/UE). MARCATURA "CE" PREVISTA solo per DN 350 e DN 400
Diameters < DN 300 ARE NOT SUBJECT TO "CE" MARKING (cat. according to Art. 4.3 Dir. 2014/68/EU). MARKING "CE" REQUIRED ONLY DN 350 and DN 400

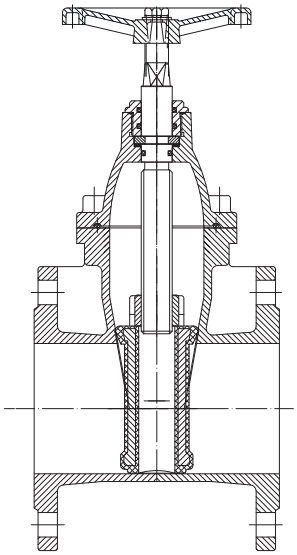
* (E)* | Nota: La lettera "E" nel codice articolo identifica le saracinesche con cuneo gommato in NBR senza "E": cuneo gommato in EPDM.
* *(E)* | Note: The letter "E" in the article code identifies the slide with rubber wedge in NBR without "E": rubber wedge in EPDM.*

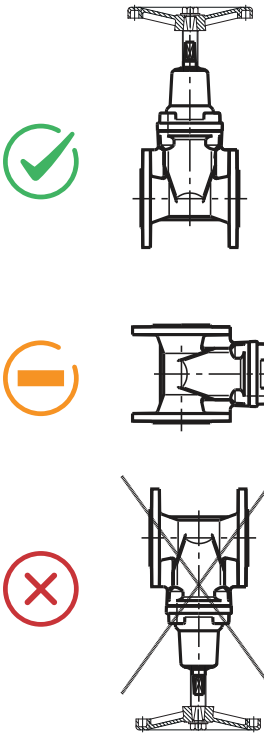
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ID MATER.	DESCRIZIONE DESCRIPTION		MATERIALE MATERIALS	
D	Coperchio	Valve cover	Ghisa sferoidale EN-GJS-500-7	Ductile iron EN-GJS-500-7
D	Corpo valvola	Body valve		
D	Cuneo	Wedge		
A	Volantino	Handwheel	Ghisa sferoidale EN-GJS-400-15	Ductile iron EN-GJS-400-15
E	Rivestimento cuneo	Wedge coating	NBR - EPDM	NBR - EPDM
B	Madrevite	Nut	Ottone	Brass
C	Albero manovra	Stem	INOX 13% CR	S.S. 13% CR
F	Guarnizioni	Seals	PTFE	PTFE

▪ INSTALLAZIONE ▪ *INSTALLATION*

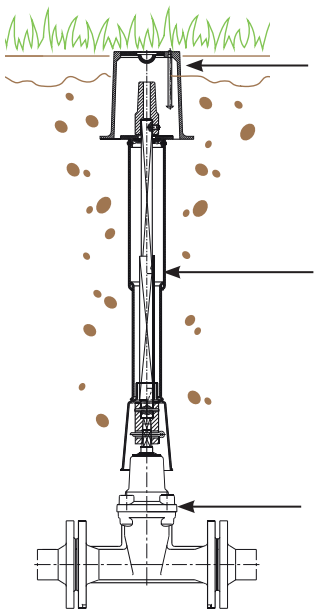




lo sporco si deposita nella madrevite

the dirt settles in the nut

▪ INSTALLAZIONE INTERRATA ▪
UNDERGROUND INSTALLATION



chiusino in ghisa (filo del terreno)

cast iron manhole (ground wire)

asta di prolunga

extension rod

valvola

valve

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