SCHEDA TECNICA

Azienda Certificata ISO 9001

Certified Company ISO 9001

ST 270
Rev. 1

ART. 270

ART. 270
VALVOLE DI DERIVAZIONE IN LINEA O AD ANGOLO FILETTATE EN 10226

ART. 270
RESILIENT SEATED GATE VALVE THREADED END EN 10226 IN DUCTILE IRON EN-GJS 500-7 PN 16





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ART. 270
VALVOLE DI DERIVAZIONE IN LINEA O AD ANGOLO, REALIZZATE IN GHISA SFEROIDALE EN-GJS 500-7 PN 16 FILETTATE EN 10226
RESILIENT SEATED GATE VALVE THREADED END EN 10226 IN DUCTILE IRON EN-GJS 500-7 PN 16

▪ DESCRIZIONE GENERALE ▪ *GENERAL DESCRIPTION*

Valvola di derivazione in linea o ad angolo, in ghisa sferoidale EN GJS 500-7 PN 16, filettata EN 10226.
Design secondo norma UNI-EN 1074/1-2.
La valvola è progettata per avere un passaggio totale, con minima perdita di carico.
La tenuta avviene per compressione dell'elastomero che riveste il cuneo (tipo in linea) o il tampone (tipo ad angolo).

Service valve straight or angle type, EN GJS 500-7 PN 16 ductile iron, threaded EN 10226.
Design according to UNI-EN 1074/1-2.
The valve is designed to have a total passage, with minimal pressure drop.
The seal is made by compression of the elastomer that covers the wedge (straight type) or the pad (angle type).

La valvola viene realizzata in due tipologie:
- in LINEA, con attacchi filettati femmina/femmina gas cilindrici
- ad ANGOLO con filettatura maschio gas conica e femmina cilindrica.

The valve is made in two types:
- STRAIGHT, with female/female threaded connections cylindrical gas
- ANGLE with male thread conical gas and cylindrical female.

Campo di applicazione:

- tubazioni convoglianti acqua calda (max. 70°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).**
- volantino (fig.1), asta di prolunga (fig.2) e cappellotto di manovra (fig.3) forniti solo su richiesta. NON INCLUSI.

Application field:

- *pipes for hot and cold water (max. 70°C) or other non-aggressive fluids piping and* **drinking water, according to D.M. 174 of 2004 (download test report on www.taitecnologie.it).**
- *handwheel (fig.1), extension rod* (fig.2) *and cap (fig.3) provided only on request. NOT INCLUDED.*

▪ CARATTERISTICHE TECNICHE ▪ *TECHNICAL FEATURES*

- Riferimenti normativi del prodotto:
UNI EN 1074-2 - UNI EN 12266/1-2
- Massima pressione esercizio: PN 16
- Verniciatura: epossidica spessore medio 250 µ
- *Attacchi:*

- tipo in linea: filetto femmina gas cilindrico EN10226 -1
- tipo ad angolo: filetto maschio gas conico EN10226-1 x femmina gas cilindrica EN10226-2

- *Product reference:*
UNI EN 1074-2 - UNI EN 12266/1-2
- *Pressure rating: PN 16*
- *Coating: epoxy medium thickness 250 µ*
- *Attacks:*

- straight type: cylindrical gas female thread EN10226-1
- angle type: conical gas male thread EN10226-1 x cylindrical gas female EN10226-2

FIG.1



FIG.2



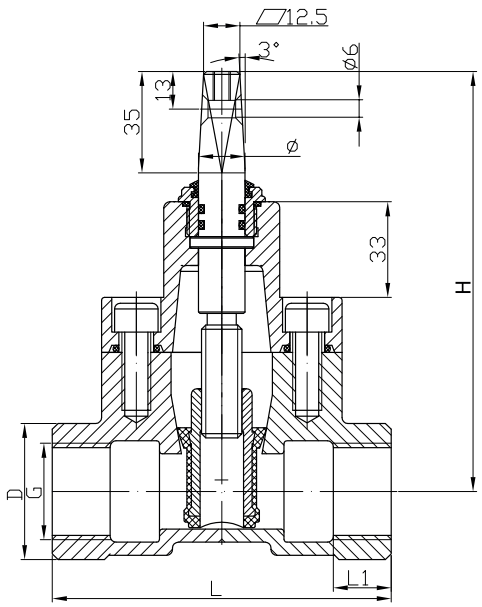
FIG.3



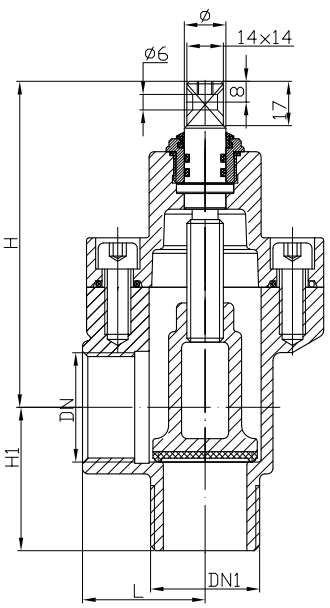
Per installazione e ulteriori caratteristiche (cerificazioni, dichiarazioni...) richiedere schede PED in azienda | *For installation and additional features (cerifications, dedarations...) request PED certificate in the company*

DIMENSIONI E PESO
DIMENSIONS AND WEIGHT

VALVOLA IN **LINEA**



VALVOLA AD **ANGOLO**



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

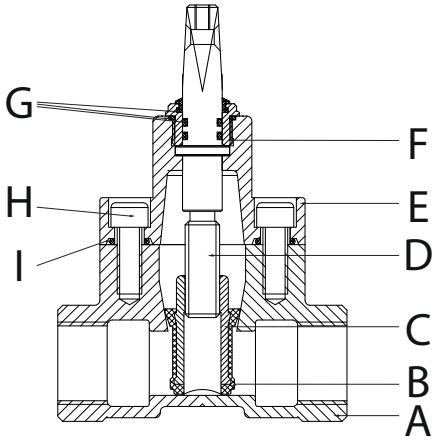
Nota: le dimensioni possono variare senza preavviso
Remark: dimensions might change without prior advice

TIPO IN LINEA / STRAIGHT TYPE								
COD.	G	D	L	H	L1	Ø	Torsione	Peso
		mm					Nm	kg
1010L	3/4"	40	117	145	16	16	20	1,5
1011L	1"	47	117	145	20	16	25	1,7
1012L	1"1/4	58	138	149	20	16	32	1,9
1013L	1"1/2	62	154	172	25	18	40	3,1
1014L	2"	76	182	190	25	18	50	3,8

TIPO AD ANGOLO / ANGLE TYPE								
COD.	DN	H	H1	DN1	L	Ø	Torsione	Peso
		mm			mm		Nm	kg
1051A	1"	125	55	1"	47	16	25	1,7
1072A	1"	125	55	1"1/4	47	16	25	1,7
1052A	1"1/4	125	55	1"1/4	47	16	25	1,7
1053A	1"1/2	161	68	1"1/2	60	18	40	2,7
1074A	1"1/2	161	68	2"	60	18	40	3
1054A	2"	161	68	2"	60	18	40	3,2

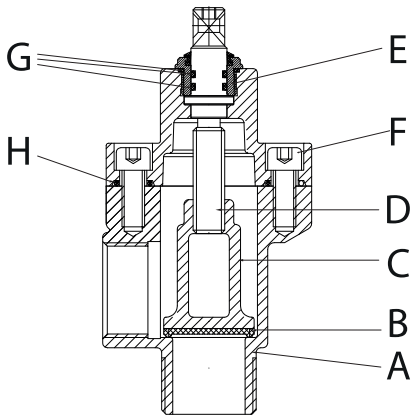
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VALVOLA IN **LINEA**



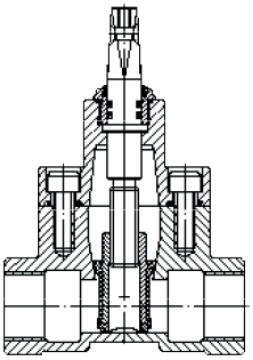
ID MATER.	DESCRIZIONE DESCRIPTION		MATERIALE MATERIALS	
A	Corpo	Body	Ghisa sferoidale EN-GJS-500-7	Ductile iron EN-GJS-500-7
B	Rivestimento otturatore	Wedge cover	EPDM	EPDM
C	Otturatore	Wedge	Ottone	Brass
D	Albero di manovra	Stem	Acciaio INOX SS 410	Stainless Steel SS 410
E	Coperchio	Bonnet	Ghisa sferoidale EN-GJS-500-7	Ductile iron EN-GJS-500-7
F	Boccola	Nut	Ottone	Brass
G	Guarnizioni	Gasket	NBR	NBR
H	Viti	Screws	Acciaio zincato	Galvanized steel
I	Guarnizione Coperchio	Body-bonnet gasket	NBR	NBR

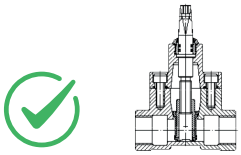
VALVOLA AD **ANGOLO**

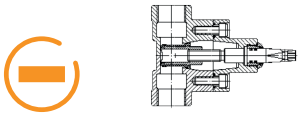


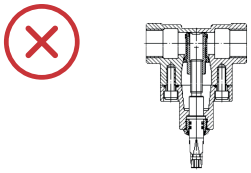
ID MATER.	DESCRIZIONE DESCRIPTION		MATERIALE MATERIALS	
A	Corpo valvola	Body valve	Ghisa sferoidale EN-GJS-500-7	Ductile iron EN-GJS-500-7
B	Rivestimento otturatore	Shutter lining	EPDM	EPDM
C	Otturatore a tampone	Plug	Ottone	Brass
D	Stelo	Stem	Acciaio INOX SS 410	Stainless Steel SS 410
E	Boccola	Nut	Ottone	Brass
F	Viti	Screws	Acciaio zincato	Galvanized steel
G	Guarnizioni	Seals	NBR	NBR
H	Guarnizione Coperchio	Cover Gasket	NBR	NBR

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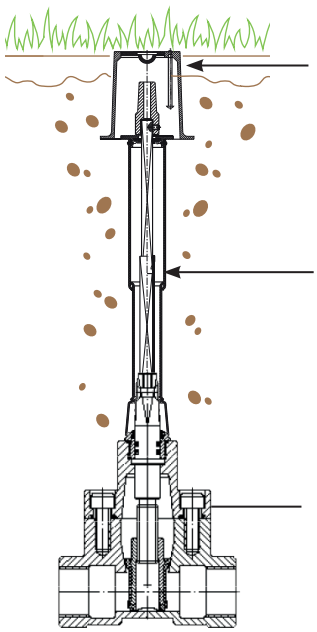


lo sporco si deposita nella madrevite

the dirt settles in the nut

▪ INSTALLAZIONE INTERRATA ▪

UNDERGROUND INSTALLATION



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