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VALV. A SARAC. - API 800 Lb A 105 - SEGGI 13% Cr  
MANICOTTI FILETT. NPTF - PASS. RIDOTTO  
GATE VALVES - API 800 Lb A 105 - SEATS 13% Chr  
NPTF SCREWED COUPLINGS - RED. BORE

STANDARD N° 2.000.510

REV. 00 PAGINA 2 DI 2  
PAGE OF

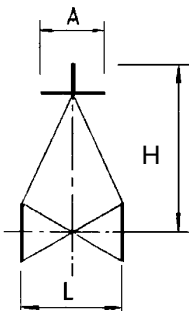
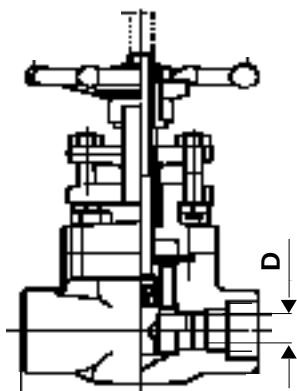
SOSTITUISCE  
REPLACES

CAMPO DI IMPIEGO - WORKING PRESSURE

| T °C   | - 29 | 38  | 65  | 100 | 150 | 200 | 250 | 300 | 350 | 375 |
|--------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| P Barg | 137  | 137 | 135 | 132 | 129 | 125 | 120 | 100 | 90  | 89  |

Tabella dimensionale  
Dimensional table

AG 1873



Sconsigliato  
Not recommended

| DN | NPS<br>inch | L   | A   | D    | H<br>(open) | Massa<br>Kg | CODICE<br>CODE |
|----|-------------|-----|-----|------|-------------|-------------|----------------|
| 15 | 1/2"        | 88  | 92  | 9,53 | 143         | 2,7         | 0.323379.X     |
| 20 | 3/4"        | 111 | 115 | 12,7 | 163         | 3,6         | 0.323380.M     |
| 25 | 1"          | 127 | 130 | 18   | 193         | 4,8         | 0.323381.A     |
| 32 | 1.1/4"      | 127 | 150 | 23   | 213         | 6,7         | 0.323382.B     |
| 40 | 1.1/2"      | 171 | 175 | 25   | 236         | 10,5        | 0.323383.C     |
| 50 | 2"          | 210 | 190 | 32   | 279         | 15          | 0.323384.D     |

Le figure sono rappresentate solo a scopo di illustrazione  
Figures shown are for illustration purpose only

CARATTERISTICHE GENERALI

Norme di costruzione : API 602  
Pressione Nominale : Classe 800  
Accoppiamento : Filett. NPTF ASME B1.20.1  
Prova idraulica corpo : 206 Barg  
Prova idraulica seggi : 137 Barg  
Prova pneum. tenuta : 5,6 Barg

GENERAL DATA

Manufacture std. : API 602  
Rating : Class 800  
Coupling : Screwing NPTF ASME B1.20.1  
Hydr. body test : 206 Barg  
Hydr. seat test : 137 Barg  
Air seal test : 5,6 Barg

PARTICOLARI COSTRUTTIVI

Corpo e coperchio : Forgiato ASTM A 105  
Accopp. corpo/coperchio : Flangiato maschio/femmina  
Tiranti interam. filettati : ASME B 1.1 - A 193 Gr.B7  
Dadi es. alti : ASME B18.2.2-A194Gr. 2H  
Guarniz. a spirale metall. : AISI 304 + grafite  
Volantino non saliente : Ghisa grigia o acc. stamp.  
Cavalletto : ASTM A 105

PART NAMES

Body and bonnet : Forged ASTM A 105  
Body/bonnet joint : Male/female flanged  
Bonnet bolts : ASME B 1.1 - A 193 Gr.B7  
Heavy hex nuts : ASME B18.2.2-A194Gr. 2H  
Spiral wound gasket : AISI 304 + graphite  
No rising handwheel : Gray cast iron or forged steel  
Yoke : ASTM A 105

MONTATURA

Seggi di tenuta : ASTM A 182 F6a  
Otturat. a cuneo 1 pezzo : AISI 420  
Stelo saliente rettificato : AISI 416  
Vite stelo est. filettatura : ACME 26  
Controten. sul coperchio: Integrale  
Accopp. stelo/otturatore : Guida a T  
Madrevite stelo : AISI 416

TRIM

Seats : ASTM A 182 F6a  
Solid wedge gate : AISI 420  
Salient & ground stem : AISI 416  
External screw stem : ACME 26  
Backseal on bonnet : Integral  
Jointed stem connect. : T guide  
Stem nut : AISI 416

PREMISTOPPA

Anello : AISI 416  
Flangia anello : ASTM A 105  
Baderna a treccia : Asbestos free + grafite  
Tiranti filettati : ANSI B 1.1 - ASTM A 193 Gr. B7  
Dadi esagonali alti : ASTM A 194 Gr. 2H

PACKING

Gland : AISI 416  
Gland flange : ASTM A 105  
Packing : Asbestos free + graphite  
Gland bolts : ANSI B1.1 - ASTM A 193 Gr. B7  
Heavy hex nuts : ASTM A 194 Gr. 2H

NOTE:

- 1 - Le dimensioni A, H ed i pesi sono indicativi
- 2 - Per modalità di costruzione, marcatura e collaudo vedi N 2.8.008

NOTES:

- 1 - Dimensions A, H and masses are indicative
- 2 - For manufacturing, marking and testing conditions see N 2.8.008

Es. di design.:

0.323381.A Valv. sarac. filett. AG 1873  
1" NPTF Cl. 800 Pass. rid.  
A 105/13% Cr Cuneo mass.  
API 602

Ex of design.:

0.323381.A Scr. gate valve AG 1873  
1" NPTF Cl. 800 Red. bore  
A 105/13% Chr Solid wedge  
API 602



Documents

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