

DOUGLAS CHERO SpA  
**dc** FORGED VALVES

# Through Conduit Valve

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**Douglas Chero S.p.A.**

Established in 1974,  
in the industrial area  
of Carpaneto Piacentino, Piacenza.

The factory covers an area  
of 30,000 m<sup>2</sup>  
(of which 9,000 m<sup>2</sup> are building).



# Through Conduit Valve



Our through conduit and expanding gate valves are full bore and block and bleed type.

Douglas Chero can supply valves with P.T.F.E. insert seats or full metal to metal seals to meet **fire safe test**.

If requested stem packing can be suitable up to 520 °C service temperature.

Valves can be supplied in manual, gear operator, electrical operator, hydraulic operator, gas over oil operator.

Trim materials according to service requirements.

API 10.000 available on request.

On this page and in the next one, a short view of our facilities.

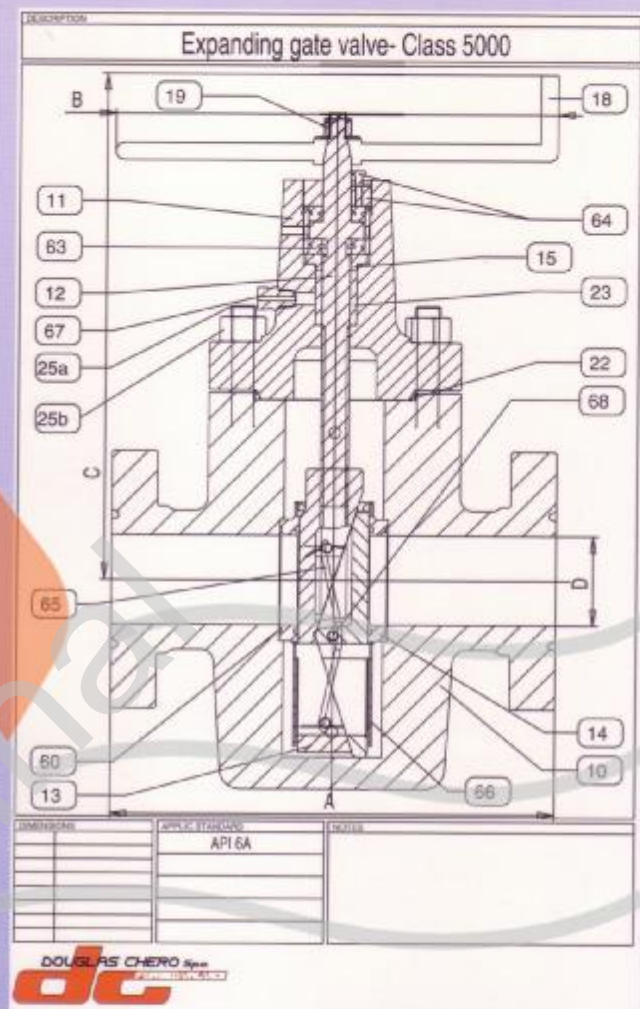
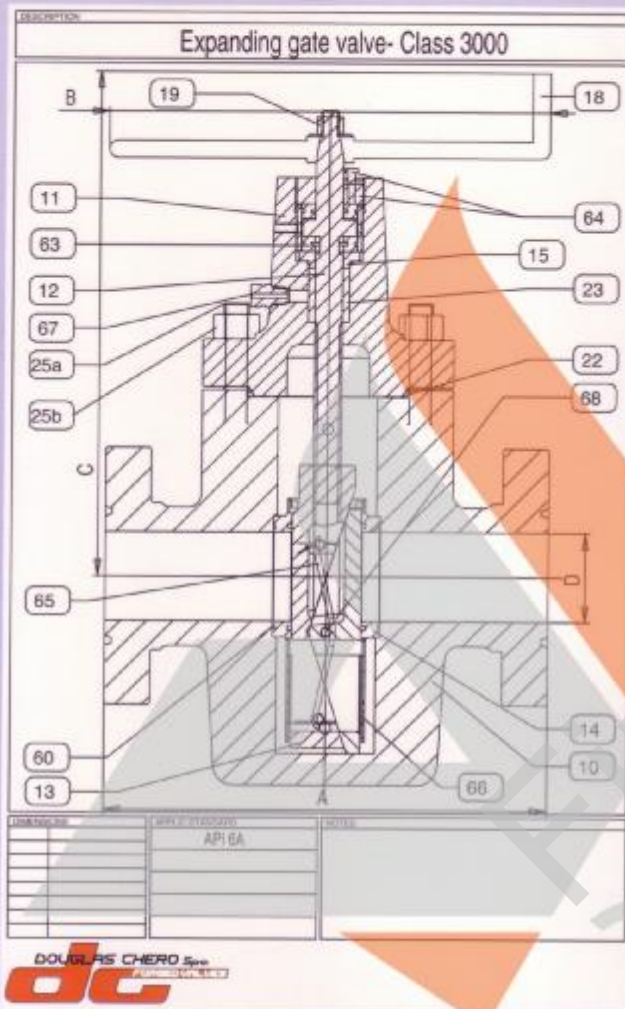
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## EXPANDING GATE VALVE • CLASS 3000 - 5000



Standard execution with one stem-greaser and two wedge-greasers

**LEGEND:**

- |                   |                   |                           |                 |
|-------------------|-------------------|---------------------------|-----------------|
| 10) Body          | 14) Seats         | 25a) Body stud bolts      | 66) Wedge slide |
| 11) Bonnet        | 15) Packing gland | 25b) Body nuts            | 67) Greaser     |
| 12) Stem          | 18) Handwheel     | 60) Seats gasket          | 68) Pin         |
| 13) Gate assembly | 19) Handwheel nut | 63) Thrust bearing        |                 |
|                   | 22) Gasket        | 64) Set screw and set nut |                 |
|                   | 23) Packing       | 65) Spring                |                 |

DIMENSION EXPANDING AND SLAB GATE VALVE API 6A/ API 6D (RATING 5000 PSI)								
Nominal Size	2.1/16"		2.9/16"		3.1/8"		4.1/16"	
	mm.	in.	mm.	in.	mm.	in.	mm.	in.
A (End to end)	371	14.5/8"	422	16.5/8"	473	18.5/8"	549	21.5/8"
B (Diameter Handwheel)	350	13	350	13	500	20	500	20
C (Center line top)	500	19.5/8"	525	20.5/8"	580	23	675	26.5/8"
D (Diameter of Port)	52,4	2.1/16"	65,1	2.9/16"	79,4	3.1/8"	103,2	4.1/16"
Approxim. Weight (Kg./lb.)	80	176	100	220	150	330	300	660

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[www.douglas-chero.com](http://www.douglas-chero.com)

CE certified N° CE-PED-H-DCH001-01-ITA

(PTEC)

**Douglas Chero S.p.A.**

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