



VALVE TYPE DT

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APPLICATIONS

- Knife gate valve appropriate for fluid medium with a concentration of light solids, generally plastics.

MATERIALS

- As standard construction this type of valve is made of the following materials:

| BODY | GATE | INSIDES |
|-----------------|--------------|---------------|
| Steel | AISI 304/316 | Brass |
| Steel | AISI 304/316 | Nylon |
| Steel | AISI 304/316 | PTFE |
| Stainless Steel | AISI 316 | PTFE (slides) |

PRESSURES

- Unidirectional valve. The media must get into the valve from the side of the ring.
- In general, the flanges of this valve are drilled and screwed following some standards (DIN PN10, ASA150 lbs,...) although the flange drilling is not related to the working pressure of the valve.
- When the working pressure is higher than the indicated, there is the possibility to oversize the valve. Ask in those cases.



CHARACTERISTICS VALVE TYPE DT

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CHARACTERISTICS OF CMO TYPE DT VALVE

- The main characteristic of this valve is its body made in two halves, therefore it can be disassembled and cleaned completely.
- The type DT is a type of valve made in two halves with the inside machined and assembled by screws in a solid block.
- The deposit of material at the inside of the valve is minimum due to the machining of the inside of the two half bodies.
- The valve complete stainless steel has some slides of material RCH-1000 located at the inside of the body to avoid the scraping of the gate against the body.
- Due to the special operation conditions of this valve having two gates opening at the same time, they are pneumatically operated nearly in all the cases.
- The special design at the outlet-bore of this valve avoids the obstruction or stocking of wastes in the inside of the valve.
- The joints of the pneumatic cylinders are commercial and they can be bought all over the world, it is not needed, therefore, to contact C.M.O. every time that these spares are requested



SEATS VALVE DT

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TIGHTNESS

The sealing systems of the knife gate valve type DT are :

-**Metal/Metal:** it is used for solids and liquids with concentration of solids maximum 3% and for regulation.