OEM/ODM China Water Pipe Gate Valve - retiform valve - DONGYI

FOR USE IN SHORT-STROKE COMPRESSORS AT HIGH ROTATIONAL SPEEDS

High efficiency and long service life

Resistant to gas impurities and oil sticktion

High operating temperatures

The CT valve is suitable for virtually all applications that employ short-stroke, high-speed gas compressors. Primary fields of operation include the transport, production and storage of natural gas. The valves also operate reliably and efficiently in a wide variety of processes in refineries and in the chemical and petrochemical industries.

The design has been tested in practice for years. The plastic valve plate, in conjunction with a spring wave washer, mitigates the opening impact. At high rotational speeds, the spring wave washer prevents oil sticktion of the valve plate. Closing springs on the outside guarantee largely wobble-free valve plate movement and consequently long valve service lives. The seat and flow guidance are resistant to conventional gas impurities. The CT valve can be used both in lubricated and non-lubricated operation.

The valve allows operation up to 1,800 rpm at an operating pressure of up to 350 bars, with a maximum differential pressure of 150 bar. The maximum operating temperature of 250ºC and diameters between 64 and 221 mm (2.5 and 8.7 inches), with a maximum lift of 2.8 mm (0.11 inch), allow a wide spectrum of applications. With the HydroCOM, continuously controlled operation is possible.

TECHNICAL DATA

CT Valve from to

Maximum Pressure 350 bar

Pressure Differential 150 bar

Temperature Range -20°C (-4ºF) +250 °C (+482F)

Rotational Speed 1800 rpm

Product link：https://www.wzdongyi.com/?p=6415