

## Product data sheet

## HV gate valve, Series 110, DN 160 (ID 6") Ordering No. 11044-UE24-0002

### **Description**

**CF-F 160 UNF** Flange

Actuator Pneumatic, double acting

with position indicator

Feedthrough **Bellows** 

#### **Technical data**

 $< 1 \cdot 10^{-9} \text{ mbar ls}^{-1}$  Valve body Leak rate

 $< 1 \cdot 10^{-9} \text{ mbar ls}^{-1}$ - Valve seat

 $1 \cdot 10^{-8}$  mbar to 1.6 bar (abs) Pressure range

Differential pressure on the gate ≤ 1.6 bar Differential pressure at opening ≤ 30 mbar 5880 Is<sup>-1</sup> Conductance (molecular flow)

200 000 (unheated and under clean conditions) Cycles until first service

≤ 150 °C Temperature Valve body ≤ 80 °C (Maximum values: depending Actuator on operating conditions and Position indicator ≤ 50 °C

sealing materials)

50 °C h<sup>-1</sup> Heating and cooling rate

Material (main components) Valve body **AISI 304** (1.4301)- Mechanism **AISI 316L** (1.4404)

- Bellows **AISI 633** (AM350)

FKM (Viton®) Seal Bonnet

FKM (Viton®), vulcanized FKM (Viton®), NBR - Gate - Actuator

Mounting position any

Volume of pneumatic actuator 0.15 I / 0.0053 ft<sup>3</sup>

4 - 7 bar / 58 - 102 psiCompressed air

min. - max. overpressure

Compressed air connection M5 female (10-32 UNF suitable)

Actuation time Closing 2.5 s

- Opening 2.5 s

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Behavior in case of compressed

Behavior in case of power failure

Valve closed

valve remains closed

undefined

air pressure drop

- Valve open

depending on customer installation

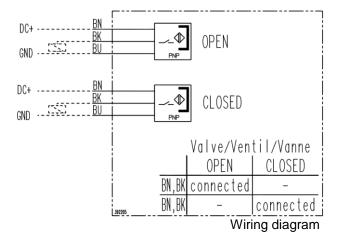
Valve closedValve open

depending on customer installation

### **Position indicator**

Type PNP NO with LED Voltage 10 - 30 V DC Current max. 200 mA Power max. 10 W

Cable length 1800 mm / 70.9 inch



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