

Product data sheet

HV gate valve, Series 110, DN 160 (ID 6") Ordering No. 11044-CE24

Description

CF-F 160 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⁻¹ 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⁻¹ 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 ft³

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

Created by: MAEM	Release date: 2013-03-27	1 of 2
Modified by:	Release date:	295019EA



Product data sheet

HV gate valve, Series 110, DN 160 (ID 6") Ordering No. 11044-CE24

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

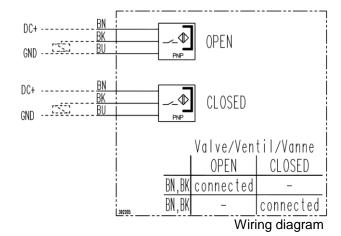
Type PNP NO with LED

Voltage 10 – 30 V DC

Current max. 200 mA

Power max. 10 W

Cable length 1800 mm / 70.9 inch



Created by: MAEM Release date: 2013-03-27 2 of 2

Modified by: Release date: 2015-03-27 2 2 Of 2

2 Of 2

2 Of 2