## Product data sheet

Vacuum gate valve, Series 121, DN 160 (ID 6') Ordering No. 12144-JA44

## Description

Flange
Actuator

## Feedthrough

## Technical data

Leak rate

Pressure range
Differential pressure on the gate
Differential pressure at opening
Conductance (molecular flow)
Cycles until first service
Temperature
(Maximum values: depending on operating conditions and sealing materials)

Heating and cooling rate
Material

Seal

Mounting position
Volume of pneumatic actuator
Compressed air
min. - max. overpressure
Compressed air connection
Actuation time

Weight

- Valve body
- Valve seat
- Valve body
- Actuator
- Solenoid valve
- Position indicator
- Valve body
- Mechanism
- Bonnet
- Gate
- Actuator

FKM (Viton ${ }^{\circledR}$ )
FKM $\left(\right.$ Viton $\left.^{\circledR}\right)$ ), O-ring
FKM (Viton ${ }^{\circledR}$ ), NBR (BUNA N ${ }^{\circledR}$ )
any
$0.5 \mathrm{l} / 0.018 \mathrm{ft}^{3}$
4-7 bar / 58-102 psi

G $1 / 8^{\prime \prime}\left(1 / s^{\prime \prime}\right.$ NPT for USA)

- closing
2.0 s
- opening
2.0 s
$9.0 \mathrm{~kg} / 20 \mathrm{lbs}$

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Behavior in case of compressed air pressure drop

Behavior in case of power failure

- Valve closed
- valve remains closed
- Valve open
- Valve closed
- valve remains closed
- valve closes


## Electrical connections

## Solenoid valve

Type
Voltage

4/2 way
Defined by order


