

Similar Image



# HV throttling pendulum valve, Analog/TTL controller DN 160 ISO-F, Analog controller, hard anodized finish, 24 V DC (±5 %)

Part number: TPVQPABG-H103



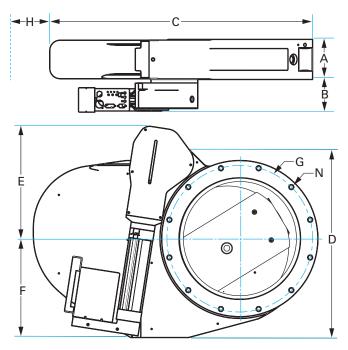


#### HV throttling pendulum valve, Analog/TTL controller DN 160 ISO-F, Analog controller, hard anodized finish, 24 V DC (±5 %)

- Adaptive algorithm for improved stability and faster transitions
- Space saving, low cost design
- High reliability, low particle generation
- Can be operated in any orientation
- Body can be heated up to 120°C with optional heater jackets
- CE marked/fully REACH and RoHS compliant



Similar Image



Dimensi (in inches)	ons
Dim A	3.46″
Dim B	3.31″
Dim C	20.5″
Dim D	13.5″
Dim E	7.64″
Dim F	11.1″
Dim G	7.87″
Dim H	5.31″
Bolt Hole Thread	M10
Thread Depth	0.394″
# Bolt Holes	8

#### **TPVQPABG-H103**

Parameters	Specifications
Valve / Flange Size	DN 160 ISO-F
Communications Interface	Analog
Finish	Hard Anodized
Additional Controller Fea- tures	Gauge Supply & Power Fail Option
Flange Size / Type	DN 160 ISO-F
Controller Communications	Analog/TTL system interface; RS232 service port
Supply Voltage	24 V DC (±5 %)
Power Connector	XLR, 5-pin, Female
Gauge Power Supply	±15 V DC (±5%), 1.4 A max.
Power Fail Option	included
Pressure Range	3.8 · 10 <sup>-8</sup> mbar to 1.1 bar



#### HV throttling pendulum valve, Analog/TTL controller DN 160 ISO-F, Analog controller, hard anodized finish, 24 V DC (±5 %)

#### TPVQPABG-H103

Parameters (Continued)	Specifications (Continued)
Max Differental at Opening	27 mbar
Max Temp (body)	150 °C
Temp. Limits (actuator)	5 °C (minimum), 45 °C (maximum)
Open / Close Time	3.3 s/2.8 s
Open Conductance	5000 l/s
Min. Control Conductance	0.1 l/s
Material (valve body)	6061-T6 Aluminum, Hard anodized
Material (valve mechanism)	304 Stainless & 6061-T6 Aluminum, Hard anodized
Gate Seal	FKM
Bonnet Seal	FKM
Leak Rate (body)	1 · 10 <sup>-9</sup> mbar l/s
Leak Rate (gate)	1 · 10 <sup>-6</sup> mbar l/s
Service Life	1 million cycles
Weight	40.26 lbs

## **VACUUM SOLUTIONS FOR INDUSTRY & RESEARCH**

Nor-Cal Products is a premier global source for custom and standard high and ultra-high vacuum chambers and components critical to the success of industrial, semiconductor, coating, analytics, and research applications. We offer an extensive selection of vacuum line fittings, hardware, valves and components which complement our custom manufacturing capabilities.

### **EARNING YOUR TRUST**

Innovative engineering, precision manufacturing, exceptional service and expert technical support are cornerstones of our corporate culture and continuous improvement goals. Your trust is our most important asset.

### **INNOVATION SINCE 1962**

An added value to working with Nor-Cal Products is how we apply our vacuum science and industry expertise to your production and research goals and timelines. We continue to develop new component lines and services to serve the demands of the exciting and ever emerging applications that require vacuum components.

Nor-Cal Products Headquarters: USA 1-800-824-4166 or 530-842-4457 ncsales@n-c.com www.n-c.com



RoHS2/REACH compliant Conflict mineral regulations enforced

