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HV throttling pendulum valve, DeviceNet[™] controller DN 160 ISO-F, DeviceNet[™] controller, hard anodized finish, 24 V DC (±5 %)

Part number: TPVQPDBN-H103



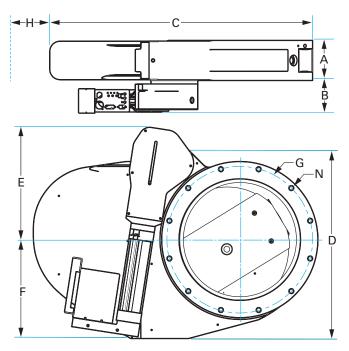


HV throttling pendulum valve, DeviceNet[™] controller DN 160 ISO-F, DeviceNet[™] controller, hard anodized finish, 24 V DC (±5 %)

- 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



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Dimensions (in inches)	
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

TPVQPDBN-H103

Parameters	Specifications
Valve / Flange Size	DN 160 ISO-F
Communications Interface	DeviceNet™
Finish	Hard Anodized
Additional Controller Fea- tures	Power Fail Option
Flange Size / Type	DN 160 ISO-F
Controller Communications	DeviceNet™ system interface; RS232 service port
Supply Voltage	24 V DC (±5 %)
Power Connector	XLR, 5-pin, Female
Gauge Power Supply	not included
Power Fail Option	included
Pressure Range	3.8 · 10 ⁻⁸ mbar to 1.1 bar



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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 ⁻⁹ mbar l/s
Leak Rate (gate)	1 · 10 ⁻⁶ mbar l/s
Service Life	1 million cycles
Weight	40.04 lbs

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