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# HV throttling pendulum valve, DeviceNet™ controller

DN 350 JIS, DeviceNet™ controller, bright dipped finish, 24  
V DC ( $\pm 5\%$ )

Part number: TPVQPDNG-C149

Nor-Cal Products



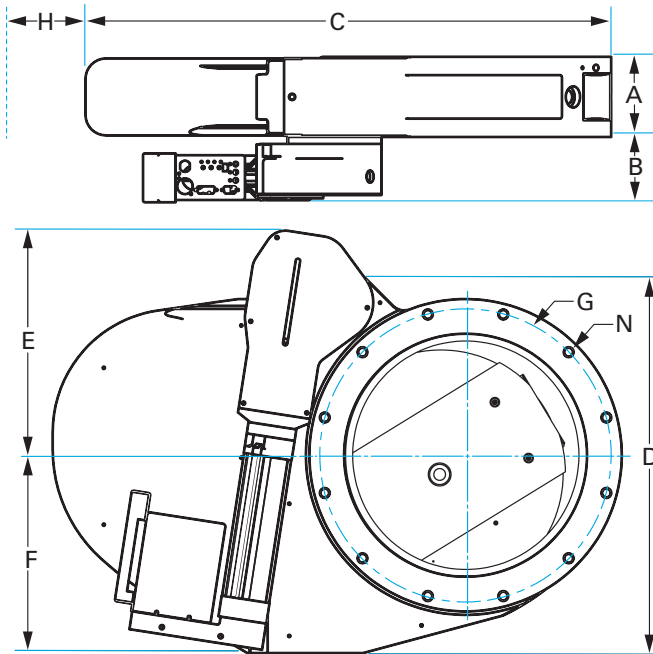
by PFEIFFER VACUUM

## HV throttling pendulum valve, DeviceNet™ controller DN 350 JIS, DeviceNet™ controller, bright dipped 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	4.92"
Dim B	4.02"
Dim E	12.8"
Dim F	11.2"
Dim G	16.5"
Dim H	12.2"
Bolt Hole Thread	M12
Thread Depth	0.709"
# Bolt Holes	12

### TPVQPDNG-C149

Parameters	Specifications
Valve / Flange Size	DN 350 JIS
Communications Interface	DeviceNet™
Finish	Bright Dipped
Additional Controller Features	Gauge Supply
Flange Size / Type	DN 350 JIS
Controller Communications	DeviceNet™ 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	not included
Pressure Range	$3.8 \cdot 10^{-8}$ mbar to 1.1 bar

**HV throttling pendulum valve, DeviceNet™ controller**  
**DN 350 JIS, DeviceNet™ controller, bright dipped finish, 24 V DC (±5 %)**

**TPVQPDNG-C149**

Parameters <i>(Continued)</i>	Specifications <i>(Continued)</i>
Max Differential at Opening	39 mbar
Max Temp (body)	150 °C
Temp. Limits (actuator)	5 °C (minimum), 45 °C (maximum)
Open / Close Time	6.5 s/5.5 s
Open Conductance	43000 l/s
Min. Control Conductance	0.1 l/s
Material (valve body)	A356 Aluminum
Material (valve mechanism)	304 Stainless & 6061-T6 Aluminum
Gate Seal	FKM
Bonnet Seal	FKM
Leak Rate (body)	1 · 10 <sup>-9</sup> mbar l/s
Leak Rate (gate)	1 · 10 <sup>-9</sup> mbar l/s
Service Life	1 million cycles
Weight	143 lbs

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### Nor-Cal Products

Headquarters: USA

1-800-824-4166 or 530-842-4457

[nccsales@n-c.com](mailto:nccsales@n-c.com)

[www.n-c.com](http://www.n-c.com)



RoHS2/REACH compliant  
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