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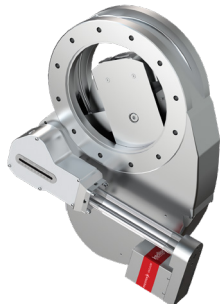
HV throttling pendulum valve

DN 150 JIS, bright dipped finish

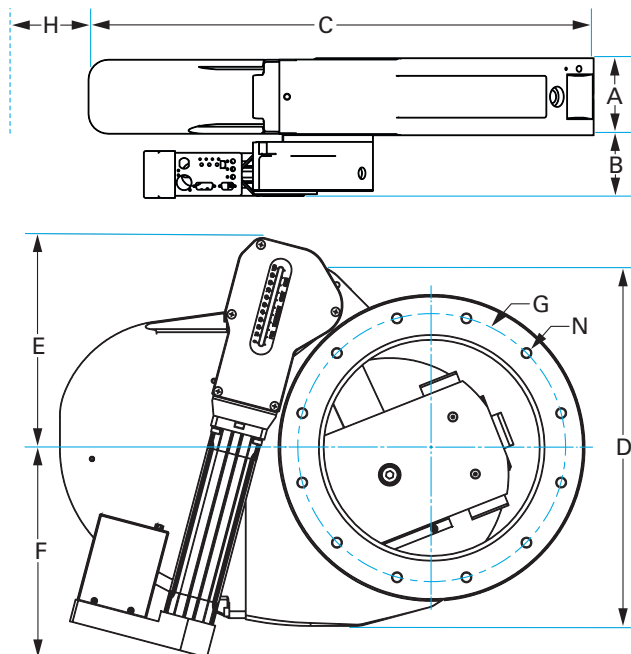
Part number: TPVP-A109

HV throttling pendulum valve DN 150 JIS, bright dipped finish

- 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

TPVP-A109

Parameters	Specifications
Valve / Flange Size	DN 150 JIS
Finish	Bright Dipped
Flange Size / Type	DN 150 JIS
Supply Voltage	Provided by BQC 800-Series Controller
Power Connector	D-sub, 15-pin, male plug
Pressure Range	$3.8 \cdot 10^{-8}$ mbar to 1.1 bar
Max Differential at Opening	39 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

HV throttling pendulum valve **DN 150 JIS, bright dipped finish**

TPVP-A109

Parameters <i>(Continued)</i>	Specifications <i>(Continued)</i>
Min. Control Conductance	0.1 l/s
Material (valve body)	6061-T6 Aluminum
Material (valve mechanism)	304 Stainless & 6061-T6 Aluminum
Gate Seal	FKM
Bonnet Seal	FKM
Leak Rate (body)	$1 \cdot 10^{-9}$ mbar l/s
Leak Rate (gate)	$1 \cdot 10^{-9}$ mbar l/s
Service Life	1 million cycles
Weight	37.4 lbs

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RoHS2/REACH compliant
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