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# Throttling J-Lock valve, DeviceNet™ controller

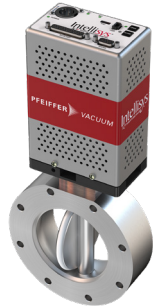
HV throttling butterfly valve, DN 100 ISO, QPD controller, partially sealing, 24 VDC, SS

Part number: TBJQPDNN-L083

Nor-Cal Products



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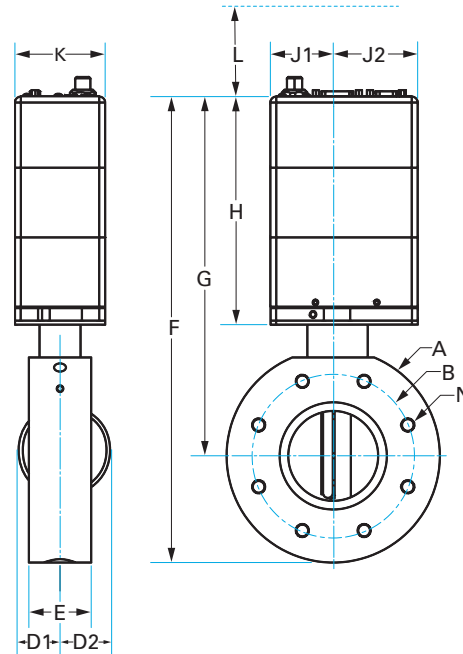


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## Throttling J-Lock valve, DeviceNet™ controller

### HV throttling butterfly valve, DN 100 ISO, QPD controller, partially sealing, 24 VDC, SS

- 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 200°C with optional heaters
- CE marked/fully REACH and RoHS compliant



#### Dimensions (in inches)

Dim A	6.50"
Dim B	5.71"
Dim C	0.354"
Dim D-1	1.63"
Dim D-2	2.25"
Dim E	1.90"
Dim F	14.2"
Dim G	10.9"
Dim H	6.97"
Dim J-1	1.81"
Dim J-2	2.68"
Dim K	2.76"
Bolt Hole Dia.	0.359"
# Bolt Holes	8

#### TBJQPDNN-L083

Parameters	Specifications
Valve / Flange Size	DN 100 ISO-F
Communications Interface	DeviceNet™
Additional Controller Features	none
Flange Size / Type	DN 100 ISO
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
Pressure Range	1 · 10 <sup>-8</sup> mbar to 1.1 bar
Max Differential at Opening	1100 mbar
Max Temp (body)	150 °C

**Throttling J-Lock valve, DeviceNet™ controller**  
**HV throttling butterfly valve, DN 100 ISO, QPD controller, partially sealing, 24 VDC,**  
**SS**  
**TBJQPDNN-L083**

Parameters <i>(Continued)</i>	Specifications <i>(Continued)</i>
Temp. Limits (actuator)	5 °C (minimum), 45 °C (maximum)
Open / Close Time	625 ms/625 ms
Open Conductance	1450 l/s
Min. Control Conductance	0.8 l/s
Material (valve body)	316L Stainless Steel
Material (valve mechanism)	316L Stainless Steel
Plate Seal	PTFE
Shaft Seal	FKM
Leak Rate (body)	1 · 10 <sup>-9</sup> mbar l/s
Service Life	5 million cycles
Weight	13.2 lbs

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RoHS2/REACH compliant  
Conflict mineral regulations enforced

All data subject to change without prior notice.

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