

Similar Image



Throttling J-Lock valve, DeviceNet™ controller

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

Part number: TBJQPDNG-L083

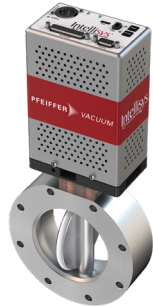
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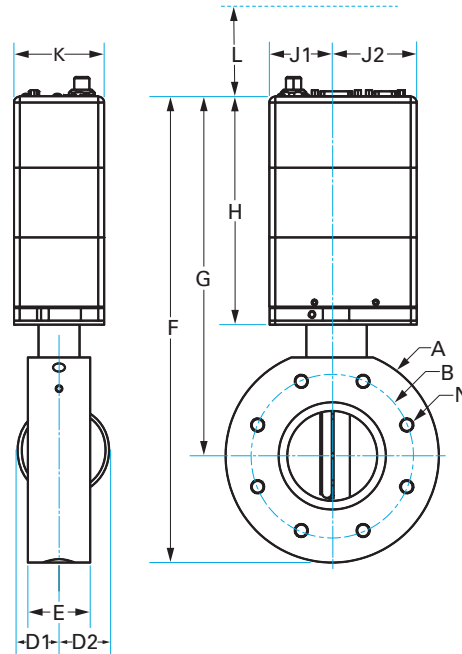
by PFEIFFER VACUUM

Throttling J-Lock valve, DeviceNet™ controller HV throttling butterfly valve, DN 100 ISO, QPDG 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



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| 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 |

TBJQPDNG-L083

| Parameters | Specifications |
|--------------------------------|---|
| Valve / Flange Size | DN 100 ISO-F |
| Communications Interface | DeviceNet™ |
| Additional Controller Features | Gauge Supply |
| 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 | ±15 V DC (±5%), 1.4 A max. |
| Pressure Range | 1 · 10 ⁻⁸ 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, QPDG controller, partially sealing, 24
VDC, SS
TBJQPDNG-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 ⁻⁹ mbar l/s |
| Service Life | 5 million cycles |
| Weight | 13.42 lbs |

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RoHS2/REACH compliant
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All data subject to change without prior notice.

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