



Similar Image



Throttling butterfly valve, DeviceNet™ controller

HV throttling butterfly valve, DN 25 KF, QPD controller, 24 VDC, SS

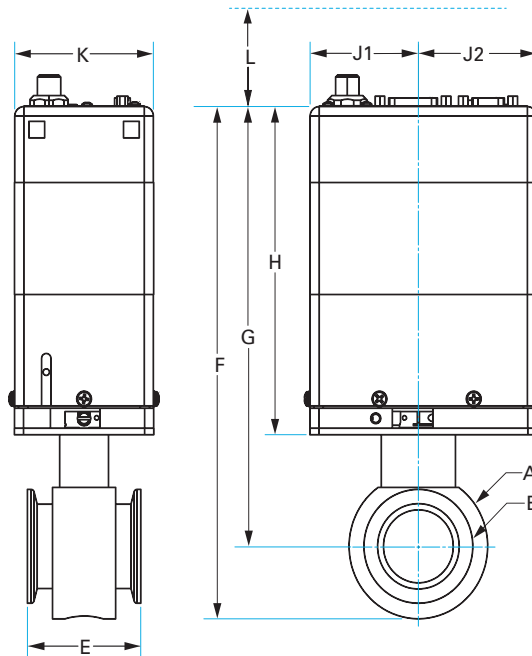
Part number: TBVQPDNN-L031

Throttling butterfly valve, DeviceNet™ controller HV throttling butterfly valve, DN 25 KF, QPD controller, 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



Similar Image



| Dimensions (in inches) | |
|---------------------------|-------|
| Dim A | 2.76" |
| Dim B | 1.57" |
| Dim E | 2.25" |
| Dim F | 9.72" |
| Dim G | 8.35" |
| Dim H | 6.22" |
| Dim J-1 | 2.17" |
| Dim J-2 | 2.36" |
| Dim K | 2.76" |
| Dim L | 2.36" |

TBVQPDNN-L031

| Parameters | Specifications |
|--------------------------------|---|
| Valve / Flange Size | DN 25 ISO-KF |
| Communications Interface | DeviceNet™ |
| Additional Controller Features | none |
| Flange Size / Type | DN 25 ISO-KF |
| 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 ⁻⁸ mbar to 1.1 bar |
| Max Differential at Opening | 1100 mbar |
| Max Temp (body) | 150 °C |

Throttling butterfly valve, DeviceNet™ controller

HV throttling butterfly valve, DN 25 KF, QPD controller, 24 VDC, SS

TBVQPDNN-L031

| Parameters <i>(Continued)</i> | Specifications <i>(Continued)</i> |
|-------------------------------|-----------------------------------|
| Temp. Limits (actuator) | 5 °C (minimum), 45 °C (maximum) |
| Open / Close Time | 100 ms/100 ms |
| Open Conductance | 22 l/s |
| Min. Control Conductance | 0.15 l/s |
| Material (valve body) | 316L Stainless Steel |
| Material (valve mechanism) | 316L Stainless Steel |
| Plate Seal | none |
| Shaft Seal | FKM |
| Leak Rate (body) | $1 \cdot 10^{-9}$ mbar l/s |
| Service Life | 5 million cycles |
| Weight | 5.5 lbs |

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RoHS2/REACH compliant
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