



Similar Image



Throttling J-Lock valve, Analog/TTL controller

HV throttling butterfly valve, DN 50 KF, QPAG controller, partially sealing, 24 VDC, SS

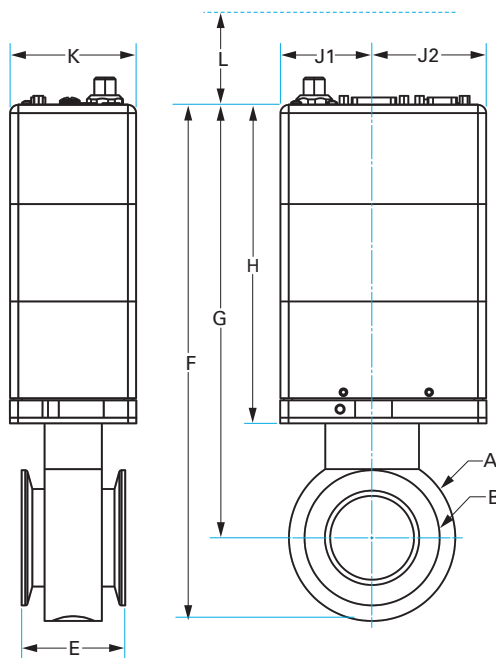
Part number: TBJQPANG-L051



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- 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 | 3.62" |
| Dim B | 2.95" |
| Dim E | 2.25" |
| Dim F | 11.3" |
| Dim G | 9.45" |
| Dim H | 6.97" |
| Dim J-1 | 2.01" |
| Dim J-2 | 2.48" |
| Dim K | 2.76" |

TBJQPANG-L051

| Parameters | Specifications |
|--------------------------------|---|
| Valve / Flange Size | DN 50 ISO-KF |
| Communications Interface | Analog |
| Additional Controller Features | Gauge Supply |
| Flange Size / Type | DN 50 ISO-KF |
| Controller Communications | Analog/TTL system interface; RS232 service port |
| Supply Voltage | 24 V DC ($\pm 5\%$) |
| Power Connector | XLR, 5-pin, Female |
| Gauge Power Supply | ± 15 V DC ($\pm 5\%$), 1.4 A max. |
| Pressure Range | $1 \cdot 10^{-8}$ mbar to 1.1 bar |
| Max Differential at Opening | 1100 mbar |
| Max Temp (body) | 150 °C |

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HV throttling butterfly valve, DN 50 KF, QPAG controller, partially sealing, 24 VDC,
SS
TBJQPANG-L051

| 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 | 150 l/s |
| Min. Control Conductance | 0.3 l/s |
| Material (valve body) | 316L Stainless Steel |
| Material (valve mechanism) | 316L Stainless Steel |
| Plate Seal | PTFE |
| Shaft Seal | FKM |
| Leak Rate (body) | $1 \cdot 10^{-9}$ mbar l/s |
| Service Life | 5 million cycles |
| Weight | 8.58 lbs |

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