

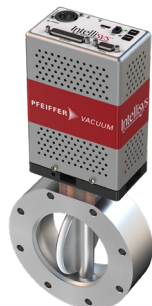
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# Throttling J-Lock valve, EtherCAT controller

HV throttling butterfly valve, DN 80 ISO, QPMG controller, partially sealing, 24 VDC, SS

Part number: TBJQPMNG-L073

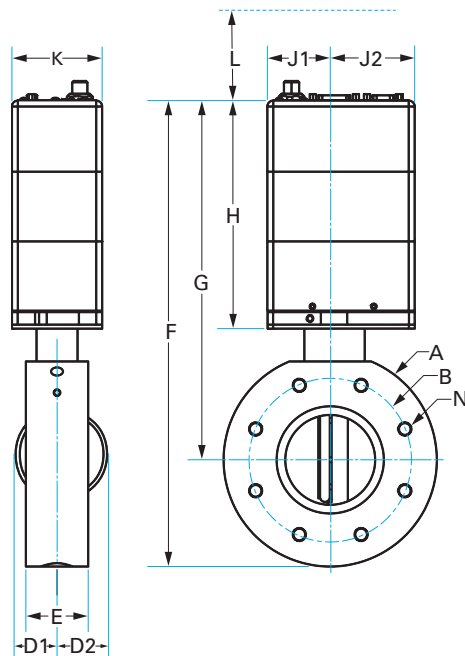


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## Throttling J-Lock valve, EtherCAT controller

### HV throttling butterfly valve, DN 80 ISO, QPMG 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	4.92"
Dim C	0.354"
Dim D-1	1.18"
Dim D-2	1.65"
Dim E	1.90"
Dim F	14.2"
Dim G	10.9"
Dim H	6.97"
Dim J-1	1.93"
Dim J-2	2.56"
Dim K	2.76"
Bolt Hole Dia.	0.359"
# Bolt Holes	8

### TBJQPMNG-L073

Parameters	Specifications
Valve / Flange Size	DN 80 ISO-F
Communications Interface	EtherCAT
Additional Controller Features	Gauge Supply
Flange Size / Type	DN 80 ISO-F
Controller Communications	EtherCAT system interface; RS232 service port
Supply Voltage	24 V DC ( $\pm 5\%$ )
Power Connector	XLR, 5-pin, Female
Gauge Power Supply	$\pm 15$ 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

**Throttling J-Lock valve, EtherCAT controller**  
**HV throttling butterfly valve, DN 80 ISO, QPMG controller, partially sealing, 24**  
**VDC, SS**  
**TBJQPMNG-L073**

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	900 l/s
Min. Control Conductance	0.6 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	12.1 lbs

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