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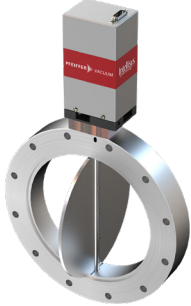
Throttling butterfly valve, direct drive

TBV+,direct,316L,DN100,ISO-F

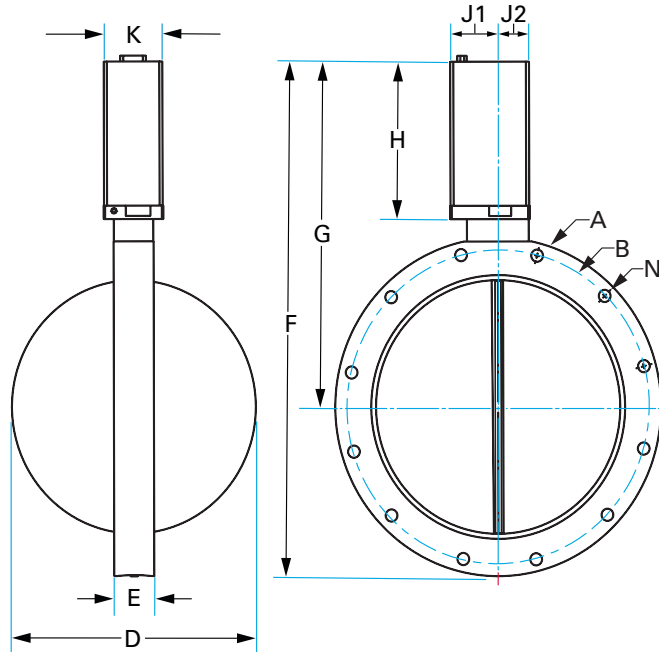
Part number: TBVPD-L083

Throttling butterfly valve, direct drive TBV+,direct,316L,DN100,ISO-F

- 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	3.80"
Dim E	1.00"
Dim F	11.5"
Dim G	8.19"
Dim H	4.57"
Dim J-1	1.30"
Dim J-2	1.97"
Dim K	2.36"
Dim L	2.36"
Bolt Hole Dia.	0.359"
# Bolt Holes	8

TBVPD-L083

Parameters	Specifications
Valve / Flange Size	DN 100 ISO-F
Flange Size / Type	DN 100 ISO-F
Supply Voltage	Provided by BQC 200-Series Controller
Power Connector	D-sub, 15-pin, male plug
Pressure Range	1 · 10 ⁻⁸ mbar to 1.1 bar
Max Differential at Opening	1100 mbar
Max Temp (body)	150 °C
Temp. Limits (actuator)	5 °C (minimum), 45 °C (maximum)
Open / Close Time	125 ms/125 ms
Open Conductance	1450 l/s
Min. Control Conductance	0.8 l/s

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TBVPD-L083

Parameters <i>(Continued)</i>	Specifications <i>(Continued)</i>
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	9.24 lbs

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RoHS2/REACH compliant
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