## ATV 1000-B Exhaust Throttle Valve Blind



#### **Features & Benefits**

- ATV1000-B Exhaust Throttle Valve Blind is designed for a wide range of pressure control conductance and has the high torque rating for sealing-type and large-size valves
- ATV1000-B Exhaust Throttle Valve Blind has a flapper position indicator to identify valve angle during system troubleshooting operations.
- ATV 1000-B Valve Blind is available in most common flange styles(ASA ,
  - CF , ISO-NW and KF) to ensure that mating with existing

hardware is an easy operation.

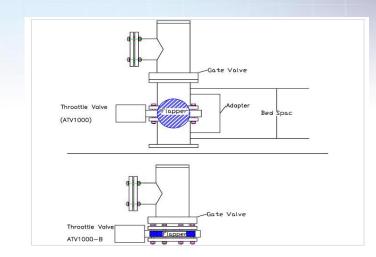
#### Type ATV1000-B

The ATV1000-B Exhaust Throttle Valve Blind is one of three components in a closed loop, downstream pressure control system.

When coupled with a digital PID controller, such as the GPC3000 Controller, and Capacitance Manometer, the ATV1000-B valve provides fast, reproducible set point control.

The CM Gauge senses the chamber pressure which is then compared to the desired set point pressure in the pressure controller

#### Dimensions



#### Advanced Technology Of Vacuum Application & Control

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# Analitik Sistemler

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Speed (open to close)	1.5sec	Closed Leakage (valves with a flapper o-ring)	<10-7(Torr l/s)
Resolution	1/24000	Flange Styles:	Notes:
Drive Method	Direct gear drive	ISO-NW ASA	1. Consists with shaft seal and flapper seal o-ring material.
Maximum Valve Body Operating Temperature	Standard 0 – 100 Optional: 0 - 150 (Note 1)	CF JIS KF	2. Where Viton is used, other materials are available. Contact Applications Engineering.
Valve Motor Ambient Operating Temperature	-20 to +40		
Differential Pressure Across Valve	1 atm. (15 psig) max.		
External Leakage at Shaft seal	1x10-8 scc/sec He		
Materials Exposed to Process	Standard: 304 S.S., Viton (Note 2) Optional: 316 S.S., Viton (Note 2)		
Compatible Controller	Model GPC3000 MKS Type 651, 1651		
Drive Output Torque (with Model GPC3000 or MKS Type 651)	800 in-oz		176-11 , Mapyeong-dong , Cheoin-gu Yongin-Si, Kyonggi-Do, Korea . Zip code : 449-928

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**Specifications**