



Valve Accessories & Controls

THE V200P EHT

Extra High Temperature Positioner

The new V200P EHT (Extra High Temp) is rated for service from -40 to 325 F, offering a wide range of temperature applications. This pneumatic positioner is a very simple, force balance, spool valve positioner that not only handles high temperatures, but the Nema 4X enclosure is very rugged, can be mounted in any quadrant, and handles vibration very well. The special painting and high temp seals are selected for this product. The zero and span to the positioner can be accessed externally, so the cover doesn't have to be removed for calibration. The unique snap in spindle (drive shaft) design offers versatile mounting to various actuator applications including rotary or linear actuators.

Ordering Codes

Positioner	Spindle	Front Cover	Indicator	Cam
V200P EHT	D____*	Not Available	Not Available	C____*

*See spindle and cam selection below

Example: V200P EHT-D1-X-X-C1
Pneumatic V200 positioner with namur spindle, and standard 90 degree cam.

* Cams

C1	90° & 180°, Linear + split range
C2	45° & 90°, Linear 0-100
C3	30° & 60°, Linear 0-100
C4	60° & 120°, Linear 0-100
C5	90° & 60°, Pin 0-100
C6	90° & 60°, Slot 0-100
C7	90°, Square root 0-100
C8	90°, Equal %
C9	70° Linear with 35° zero suppress
C10	90°, 4 way 25°, split range

* Spindles

D1	Namur
D2	1/2" Square
D3	3/8" Square
D4	Round (Linear)
D5	Double D
D6	3/8" Square-long
D7	3/4" Slotted
D8	12 mm Dual Post
D9	Old Namur
D10	Namur-special-long
D11	Octagon



Technical Specifications

V200P EHT (Extra High Temp) Pneumatic Positioner

Available in pneumatic only.

Input range:	3-15 PSI	20-100 kPa
Supply pressure:	<145 PSI	<1 MPa
Linearity error:	<1.0 f.s.	
Hysteresis:	<0.5 f.s.	
Repeatability:	<0.4 f.s.	

Standard

Pressure Gain:	300:1
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@87 PSI (600kPa)
acc.to ISA S75.13

Air Delivery:	SCFM
@87 PSI (600kPa)	21.2

Air Consumption:	
@87 PSI	0.26

Temp Range:	-40° to 325° Fahrenheit
	-40° to 163° Celsius

Temperature Effect:	Zero 1.5% @ 325F
	Span 6.0% @ 325F

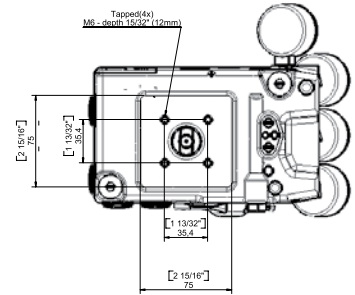
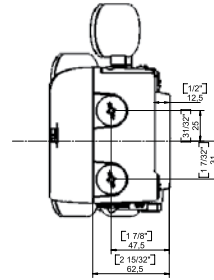
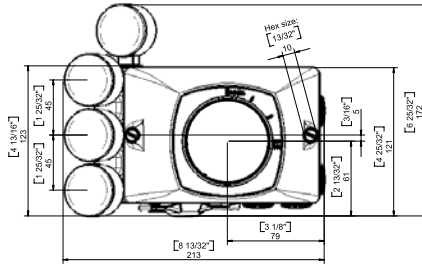
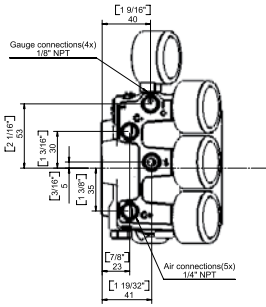
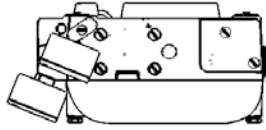
The above is based on calibrating at ambient temperature and the unit subjected to 325F.

Air Connections:	1/4" NPT or G Threads
Gauge port:	1/8" NPT or G Threads

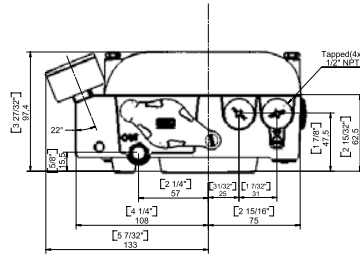
Ingress & corrosion protection:	Nema 4X and IP 66
Coating:	Nickel Coated

Weight	3.5 lbs	1.6 kg
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Dimensional Drawings



Dimensional Drawing
VAC Positioner V200 PP/EP



A VAC PAC of Products and Services



From day one, VAC has always done business with a “customer first” approach. The VAC PAC of quality positioner products includes the simple V100, versatile V200, the digital D400; specials like Nickel or Tufram® coated, -40 to 325F, and various positioner feedback options. Also available is

a flexible mounting kit program for rotary or linear actuators, for new mountings or retrofitting most popular brands in the field.

We take pride in our “customer first” staff that will help you find the right positioner for your needs without a maze of phone directories and extensions. Our competitive pricing and excellent service set us apart from the others.

The VAC PAC includes:

- A Complete Product Line
- Technical Support
- A Comprehensive Web Site
- Quick Ship Inventory
- Customer Service
- MRO - Retrofit



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