

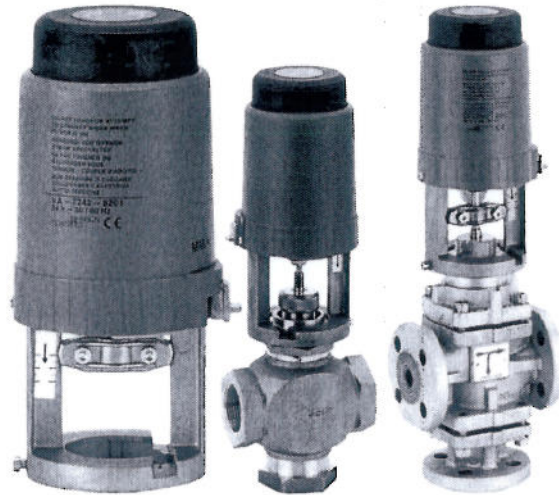
**VA-7200**  
**Electric Valve Actuator**

**Introduction**

The VA-720x Series synchronous motor driven actuator provides floating, floating with feedback, proportional or proportional with feedback control of valves, with up to 19mm stroke in heating, ventilation and air conditioning applications.

This compact, non –spring return actuator has a 1000N nominal force and responds to a variety of input signals.

The VA-7200 Series can be easily field mounted or ordered factory coupled to VG7000, VG8000, VBD, VGS800W1N and VBF Series valves in accordance with the specified maximum close-off pressure ratings ( see pertinent valve bulletins).



VA-7200 with VG7000 (left)  
 and VG8000

<b>Features and Benefits</b>	
<input type="checkbox"/> <b>1000N Force Output compact unit</b>	Covers a wide range of applications with one actuator
<input type="checkbox"/> <b>Magnetic clutch</b>	Provides constant output force for positive close-off of valves, and protects motor in stall conditions
<input type="checkbox"/> <b>Unique yoke design</b>	Easy field mounting to valves reduces installation and stroke adjustment time
<input type="checkbox"/> <b>Optional hand wheel</b>	Allows manual positioning independent of the power supply
<input type="checkbox"/> <b>Positioner with adjustable starting point and span, reverse and direct action modes</b>	Eases setup and installation and allows sequence control
<input type="checkbox"/> <b>Built-In resistor for current input control</b>	Provides greater application flexibility
<input type="checkbox"/> <b>Active 0...10 V position feedback on proportional and floating</b>	Provides active signal for independent position monitoring
<input type="checkbox"/> <b>Auxiliary switches and feedback potentiometer available</b>	Provides potential free contacts for independent monitoring of the actuator's position
<input type="checkbox"/> <b>"Signal fail" safe position</b>	Valve safety position after control signal failure, the safety position, up / down, is selectable in-situ

## Ordering data

VA-72  -

### Voltage supply

- 1 24 VAC, 50 / 60 Hz  
3 230 VAC, 50 / 60 Hz

### Valve type

- 10 VG7000 with threaded stem connection  
82 VBF PN6 and PN10 flanged valves and VGS800W1N male threaded valves

### Options

#### Floating models

Factory fitted accessories		Manual override	230 VAC	24 VAC
00	None	No	X	X
01	0...10 V feedback potentiometer	No	-	X
03	2 kΩ feedback potentiometer	No	-	X
20	(2) Auxiliary switches	No	-	X
40	None	Yes	X	X
41	0...10 V feedback potentiometer	Yes	-	X
43	2 kΩ feedback potentiometer	Yes	-	X
50	(2) Auxiliary switches	Yes	-	X
70	(1) Auxiliary switches + (1) switch for manual override signal	Yes	-	X

#### Proportional models (0...10 V / 0...20mA)

Factory fitted accessories		Manual override	230 VAC	24 VAC
02	None	No	-	X
06	0...10 V feedback potentiometer	No	-	X
22	(2) Auxiliary switches	No	-	X
42	None	Yes	-	X
46	0...10 V feedback potentiometer	Yes	-	X
52	(2) Auxiliary switches	Yes	-	X
72	(1) Auxiliary switch and (1) switch for auto / manual indication	Yes	-	X

Note: All models with manual override and 24 V power supply are equipped with a power cut-off switch.

## Ordering procedure

The actuator can be ordered as a separate unit or a factory fitted valve-actuator combination. Should the latter be requested, please just add "+M" to the end of the actuator ordering code.

### For example:

Item 1 VG7203AT (valve body)

Item 2 VA-7242-1001 (actuator)

Alternatively, to order a factory fitted combination.

Item 1 VG7203AT (valve body)

Item 2 VA-7242-1001+M (actuator)