

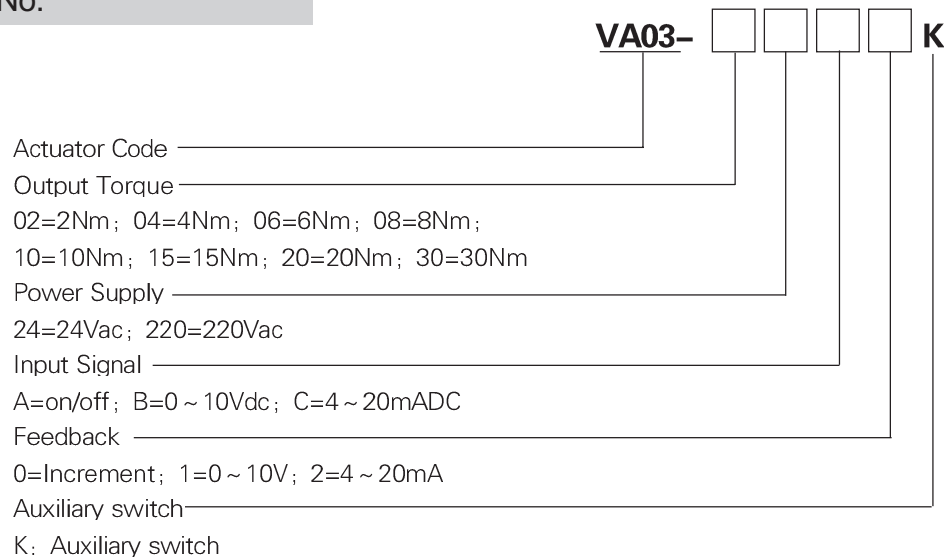
VA03 Damper Actuator

General

VA03 series damper actuators are designed to control air dampers, ventilation flaps, air handler, louver and VAV units. There are two types of the actuators: ON / Off and modulating.



Part No.



Specifications

Power supply:	24Vac / 220Vac ± 10%	Power Consumption:	3VA-7.5VA
Torque :	2Nm-30Nm	Control Type:	On / Off, 0-10Vdc or 4-20mA
Operation Time:	66s~166s	Rotate Angle:	0-95° (Mechanical limitation at 95°)
Life Time:	60000 Full stroke	Ambient Temperature:	-30-65 °C
Protection class :	IP40	Noise Level :	45dB(A)

Features

- Bi-directional magnetic clutch synchronous motor
- Room overload protection function does not need limiter switch
- Actuator stops automatically when running to the end
- Adjustable mechanical limiter
- 1~2 auxiliary switches are selectable based on customer requirement

Order Guide

Model	Power	Torque	Power Consumption	Operation Time	Control Signal	Feedback
VA03-0224B0(K)	24VAC ± 10%	2Nm	4VA	110s	0 ~ 10VDC	—
VA03-0424B0(K)	24VAC ± 10%	4Nm	4VA	110s	0 ~ 10VDC	—
VA03-0624B0(K)	24VAC ± 10%	6Nm	4VA	110s	0 ~ 10VDC	—
VA03-0824B0(K)	24VAC ± 10%	8Nm	4VA	160s	0 ~ 10VDC	—
VA03-0224C0(K)	24VAC ± 10%	2Nm	4VA	110s	4 ~ 20mADC	—
VA03-0424C0(K)	24VAC ± 10%	4Nm	4VA	110s	4 ~ 20mADC	—
VA03-0624C0(K)	24VAC ± 10%	6Nm	4VA	110s	4 ~ 20mADC	—
VA03-0824C0(K)	24VAC ± 10%	8Nm	4VA	160s	4 ~ 20mADC	—
VA03-1024B0(K)	24VAC ± 10%	10Nm	7.5VA	66s	0 ~ 10VDC	—
VA03-1524B0(K)	24VAC ± 10%	15Nm	7.5VA	90s	0 ~ 10VDC	—
VA03-2024B0(K)	24VAC ± 10%	20Nm	7.5VA	110s	0 ~ 10VDC	—
VA03-3024B0(K)	24VAC ± 10%	30Nm	7.5VA	143s	0 ~ 10VDC	—
VA03-1024C0(K)	24VAC ± 10%	10Nm	7.5VA	66s	4 ~ 20mADC	—
VA03-1524C0(K)	24VAC ± 10%	15Nm	7.5VA	90s	4 ~ 20mADC	—
VA03-2024C0(K)	24VAC ± 10%	20Nm	7.5VA	110s	4 ~ 20mADC	—
VA03-3024C0(K)	24VAC ± 10%	30Nm	7.5VA	143s	4 ~ 20mADC	—
VA03-0224B1 (K)	24VAC ± 10%	2Nm	4VA	110s	0 ~ 10VDC	0 ~ 10V DC
VA03-0424B1(K)	24VAC ± 10%	4Nm	4VA	110s	0 ~ 10VDC	0 ~ 10V DC
VA03-0624B1(K)	24VAC ± 10%	6Nm	4VA	110s	0 ~ 10VDC	0 ~ 10V DC
VA03-0824B1(K)	24VAC ± 10%	8Nm	4VA	160s	0 ~ 10VDC	0 ~ 10V DC
VA03-0224C1 (K)	24VAC ± 10%	2Nm	4VA	110s	4 ~ 20mADC	0 ~ 10V DC
VA03-0424C1(K)	24VAC ± 10%	4Nm	4VA	110s	4 ~ 20mADC	0 ~ 10V DC
VA03-0624C1(K)	24VAC ± 10%	6Nm	4VA	110s	4 ~ 20mADC	0 ~ 10V DC
VA03-0824C1(K)	24VAC ± 10%	8Nm	4VA	160s	4 ~ 20mADC	0 ~ 10V DC
VA03-1024B1(K)	24VAC ± 10%	10Nm	7.5VA	66s	0 ~ 10VDC	0 ~ 10V DC
VA03-1524B1(K)	24VAC ± 10%	15Nm	7.5VA	90s	0 ~ 10VDC	0 ~ 10V DC
VA03-2024B1(K)	24VAC ± 10%	20Nm	7.5VA	110s	0 ~ 10VDC	0 ~ 10V DC
VA03-3024B1(K)	24VAC ± 10%	30Nm	7.5VA	143s	0 ~ 10VDC	0 ~ 10V DC
VA03-1024C1(K)	24VAC ± 10%	10Nm	7.5VA	66s	4 ~ 20mADC	0 ~ 10V DC
VA03-1524C1(K)	24VAC ± 10%	15Nm	7.5VA	90s	4 ~ 20mADC	0 ~ 10V DC
VA03-2024C1(K)	24VAC ± 10%	20Nm	7.5VA	110s	4 ~ 20mADC	0 ~ 10V DC
VA03-3024C1(K)	24VAC ± 10%	30Nm	7.5VA	143s	4 ~ 20mADC	0 ~ 10V DC