

Belimo 2-way Butterfly Motorized Control Valve Technical Specifications Comparison Chart

AERCO P/N	Size	Torque	Power Requirement	Logic	Control	Cycle time to open	Cycle time to close	Manual Override
92084-1	3"	180 in-lb	24-240VAC 24-125VDC	Normally Open/Fail Open	On/Off (Non-Modulating)	Spring Open (20 Sec @ -4F to 122F; <60 sec @-22F)	Powered Close (<75 Sec)	Hex key crank on both actuators (hex key provided with each actuator)
92084-2	4"	2 Actuators 180 in-lb Each	24-240VAC 24-125VDC	Normally Open/Fail Open	On/Off (Non-Modulating)	Spring Open (20 Sec @ -4F to 122F; <60 sec @-22F)	Powered Close (<75 Sec)	
92084-3	3"	180 in-lb	24VAC/24VDC	Fail-In-Place	On/Off; Modulating Control	Powered Open (90 Sec)	Powered Close (90 Sec)	External push button; Crank arm included and factory mounted
92084-4	4"	360 in-lb	24VAC/24VDC	Fail-In-Place	On/Off; Modulating Control	Powered Open (90 Sec)	Powered Close (90 Sec)	
92084-5	3"	360 in-lb	24VAC/24VDC	Electronic Fail-safe (Capacitor); Factory setting: Fully open the valve upon failure	On/Off; Modulating Control	Powered Open (90 Sec)	Powered Close (90 Sec)	
92084-6	4"	360 in-lb	24VAC/24VDC		On/Off; Modulating Control	Powered Open (90 Sec)	Powered Close (90 Sec)	
92084-7	6"	720 in-lb	24VAC/24VDC		On/Off; Modulating Control	Powered Open (90 Sec)	Powered Close (90 Sec)	
92084-8*	3"	360 in-lb	24VAC/24VDC	Electronic Fail-safe (Capacitor); Factory setting: Fully open the valve upon failure	On/Off; Modulating Control	Powered Open (90 Sec)	Powered Close (90 Sec)	
92084-9*	4"	360 in-lb	24VAC/24VDC		On/Off; Modulating Control	Powered Open (90 Sec)	Powered Close (90 Sec)	
92084-10*	6"	720 in-lb	24VAC/24VDC		On/Off; Modulating Control	Powered Open (90 Sec)	Powered Close (90 Sec)	

Specifications - ALL Valves

Butterfly Valve, 2-way, Lug Body, ANSI Class 150# Flange Connections

50 psi close-off pressure, bubble tight

Media Temperature -22°F to 250°F

Actuator Over-load protection: Electronic throughout rotation

Proof of Open end switch

NEMA 2 Actuator housing

cULus Listed Actuator

Actuator Ambient Temperature range: -22°F to 122°F

92084-1 through -6, -8 through -10 Actuator Cable length: 3ft

92084-7: Screw Terminal Electrical connection

*92084-8/9/10 include Molex Connector for BST applications

(See Technical Data Sheets MOV-01 and MOV-02 for complete Specifications)