



iVS Range Technical Datasheet (Explosionproof)

Model	iVS-A	iVS-B	iVS-C	iVS-D
Output Torque (N·m) [lb·in]	50 [445]	130 [1,150]	200 [1,770]	260 [2,300]
Control / Duty Cycle	TWO POSITION / 50%			
Power Supply	24V AC/DC or 110/220V AC			
Motor Power (W)	50	130	130	130
Mounting Base (ISO 5211)	F07	F10	F12	F12
Motor Running Time (sec / 90°) @ 24V AC/DC	8	8	13	16
Spring Return Time (sec / 90°) @ 24V AC/DC	5	4	4	4
Motor Running Time (sec / 90°) @ 110V AC	8	8	13	15
Spring Return Time (sec / 90°) @ 110V AC	3	10	15	19
Weight (kg) [lb]	28 [62]	59 [130]	97 [214]	97 [214]
Weight with H/W (kg) [lb]	38 [84]	76 [168]	137 [302]	137 [302]
Enclosure Material	Aluminum Alloy Casting (dry-powder coating)			
Ambient Temperature Range (°C) [°F] Humidity Range	-40°C to +65°C [-40°F to +149°F] 30% to 95%			
Conduit Entry	2 x 1/2" NPT			
Manual Override	Optional Geared Manual Handwheel			
Position Indicator	Mechanical Dial			
Auxiliary Limit Switches (2 x SPDT)	Included			
Heater and Thermostat	Included			
Action on Input Signal Loss (Modulating Build)	Fully Clockwise (CLOSE) / Fully Counter-Clockwise (OPEN) / Hold in Last Position (Default)			
Action on Loss of Power	Clockwise (CLOSE) or Counter-Clockwise (OPEN)			
Enclosure Rating	CSA NEMA 4X, 7 & 9, IP68			
Options	Modulating Control, ON/OFF Control (3-Position), 4-20mA Feedback, Potentiometer (1K or 5K), Geared Manual Handwheel Override			