



## iVQ Range Technical Datasheet (Standard)

Model	iVQ-A	iVQ-B	iVQ-C	iVQ-D
Output Torque (N•m) [lb•in]	6 [53]	15 [132]	35 [310]	50 [445]
Control	ON/OFF			
Duty Cycle	30%	30%	30%	30%
Power Supply	110/220V AC 60Hz			
Motor Power (W)	5		10	
Mounting Base (ISO 5211)	F03 & F05	F03 & F05	F03 & 05	F05 & F07
Running Time (sec / 90°) @ 110V AC	8	19	12	27
Weight (kg) [lb]	1.5 [3.3]	1.5 [3.3]	2 [4.4]	3 [6.6]
Enclosure Material	Aluminum Alloy Casting (dry-powder coating)			
Ambient Temperature Range (°C) [°F] Humidity Range	-30°C to +65°C [-22°F to +149°F] 30% to 95%			
Conduit Entry	1 x 1/4" PF	1 x 1/4" PF	2 x 1/2" NPT	2 x 1/2" NPT
Manual Override	Lever			
Position Indicator (For iVQ-C, D only)	Mechanical Beacon			
Auxiliary Limit Switches (2 x SPDT)	Included			
Heater and Thermostat (For iVQ-C, D only)	Included			
Action on Input Signal Loss (Modulating Build)	Hold in Last Position (Default) Fully Clockwise (CLOSE) / Fully Counter-Clockwise (OPEN)			
Action on Loss of Power	Hold in Last Position			
Enclosure Rating	CSA NEMA 4X, IP67			
Options (For iVQ-C, D only)	Modulating Control, 4-20mA Feedback, 75% Duty Cycle, Local Control Unit, Interrupter Timer, Potentiometer (1K or 5K), 316 Stainless Enclosure, Junction Box, Extended Travel, Class H Motor Insulation			



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Model	iVQ-E	iVQ-F	iVQ-G	iVQ-H
Output Torque (N·m) [lb·in]	65 [575]	90 [800]	120 [1,065]	150 [1,330]
Control	ON/OFF			
Duty Cycle	30%	30%	30%	30%
Power Supply	110/220V AC 60Hz			
Motor Power (W)	60	40	60	40
Mounting Base (ISO 5211)	F07 & F10	F07 & F10	F07 & F10	F07 & F10
Running Time (sec / 90°) @ 110V AC	6	17	8	26
Weight (kg) [lb]	11 [25]			
Enclosure Material	Aluminum Alloy Casting (dry-powder coating)			
Ambient Temperature Range (°C) [°F] Humidity Range	-30°C to +65°C [-22°F to +149°F] 30% to 95%			
Conduit Entry	2 x 1/2" NPT			
Manual Override	Handwheel			
Position Indicator	Mechanical Beacon			
Auxiliary Limit Switches (2 x SPDT)	Included			
Heater and Thermostat	Included			
Action on Input Signal Loss (Modulating Build)	Hold in Last Position (Default) Fully Clockwise (CLOSE) / Fully Counter-Clockwise (OPEN)			
Action on Loss of Power	Hold in Last Position			
Enclosure Rating	CSA NEMA 4X, IP67			
Options	Modulating Control, 4-20mA Feedback, 75% Duty Cycle, Local Control Unit, Interrupter Timer, Potentiometer (1K or 5K), 316 Stainless Enclosure, Junction Box, Extended Travel, Class H Motor Insulation			



## iVQ Range Technical Datasheet (Standard)

Model	iVQ-I	iVQ-J	iVQ-K	iVQ-L
Output Torque (N·m) [lb·in]	300 [2,655]	400 [3,540]	500 [4,430]	650 [5,755]
Control	ON/OFF			
Duty Cycle	30%	30%	30%	30%
Power Supply	110/220V AC 60Hz			
Motor Power (W)	60	80	80	80
Mounting Base (ISO 5211)	F07 & F10	F10 & F12	F10 & F12	F10 & F12
Running Time (sec / 90°) @ 110V AC	24	19	26	34
Weight (kg) [lb]	17 [38]	20 [45]	20 [45]	20 [45]
Enclosure Material	Aluminum Alloy Casting (dry-powder coating)			
Ambient Temperature Range (°C) [°F] Humidity Range	-30°C to +65°C [-22°F to +149°F] 30% to 95%			
Conduit Entry	2 x 1/2" NPT			
Manual Override	Handwheel			
Position Indicator	Mechanical Beacon			
Auxiliary Limit Switches (2 x SPDT)	Included			
Heater and Thermostat	Included			
Action on Input Signal Loss (Modulating Build)	Hold in Last Position (Default) Fully Clockwise (CLOSE) / Fully Counter-Clockwise (OPEN)			
Action on Loss of Power	Hold in Last Position			
Enclosure Rating	CSA NEMA 4X, IP67			
Options	Modulating Control, 4-20mA Feedback, 75% Duty Cycle, Local Control Unit, Interrupter Timer, Potentiometer (1K or 5K), 316 Stainless Enclosure, Junction Box, Extended Travel, Class H Motor Insulation			



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Model	iVQ-M	iVQ-N
Output Torque (N·m) [lb·in]	1,000 [8,855]	1,500 [13,280]
Control	ON/OFF	
Duty Cycle	30%	30%
Power Supply	110/220V AC 60Hz	
Motor Power (W)	120	120
Mounting Base (ISO 5211)	F12 or F14	F12 or F14
Running Time (sec / 90°) @ 110V AC	50	51
Weight (kg) [lb]	32 [71]	32 [71]
Enclosure Material	Aluminum Alloy Casting (dry-powder coating)	
Ambient Temperature Range (°C) [°F]	-30°C to +65°C [-22°F to +149°F]	
Humidity Range	30% to 95%	
Conduit Entry	2 x 1/2" NPT	
Manual Override	Handwheel	
Position Indicator	Mechanical Beacon	
Auxiliary Limit Switches (2 x SPDT)	Included	
Heater and Thermostat	Included	
Action on Input Signal Loss (Modulating Build)	Hold in Last Position (Default) Fully Clockwise (CLOSE) / Fully Counter-Clockwise (OPEN)	
Action on Loss of Power	Hold in Last Position	
Enclosure Rating	CSA NEMA 4X, IP67	
Options	Modulating Control, 4-20mA Feedback, 75% Duty Cycle, Local Control Unit, Interrupter Timer, Potentiometer (1K or 5K), 316 Stainless Enclosure, Junction Box, Extended Travel, Class H Motor Insulation	



## iVQ Range Technical Datasheet (Standard)

Model	iVQ-O	iVQ-P	iVQ-Q	iVQ-R
Output Torque (N·m) [lb·in]	2,000 [17,710]	2,500 [22,140]	3,000 [26,565]	3,500 [31,000]
Control	ON/OFF 60Hz			
Duty Cycle	30%	30%	30%	30%
Power Supply	110/220V AC			
Motor Power (W)	180	180	180	220
Mounting Base (ISO 5211)	F14 or F16	F14 or F16	F14 or F16	F14 or F16
Running Time (sec / 90°) @ 110V AC	62	62	62	62
Weight (kg) [lb]	71 [157]		72 [159]	
Enclosure Material	Aluminum Alloy Casting (dry-powder coating)			
Ambient Temperature Range (°C) [°F]	-30°C to +65°C [-22°F to +149°F]			
Humidity Range	30% to 95%			
Conduit Entry	2 x 1/2" NPT			
Manual Override	Handwheel			
Position Indicator	Mechanical Beacon			
Auxiliary Limit Switches (2 x SPDT)	Included			
Heater and Thermostat	Included			
Action on Input Signal Loss (Modulating Build)	Hold in Last Position (Default) Fully Clockwise (CLOSE) / Fully Counter-Clockwise (OPEN)			
Action on Loss of Power	Hold in Last Position			
Enclosure Rating	CSA NEMA 4X, IP67			
Options	Modulating Control, 4-20mA Feedback, 50% Duty Cycle, Local Control Unit, Interrupter Timer, Potentiometer (1K or 5K), 316 Stainless Enclosure, Junction Box, Extended Travel, Class H Motor Insulation			