iVL Range Technical Datasheet (Explosionproof)

Model	iVL-A	iVL-B	iVL-C	iVL-D
Thrust (KgF) [LbsF]	250 [550]	500 [1,100]	1,000 [2,205]	2,000 [4,410]
Control / Duty Cycle	Modulating / 75%			
Power Supply	24V AC/DC or 110/220V AC			
Motor Power (W)	15	15	35	35
Mounting Base (ISO 5210)	F07	F07	F10	F10
Adjustable Stroke Maximum (mm) [inch]	50 [1.97]		100 [3.94]	
Running Speed (mm/sec) [inch/sec]	0.6 [0.023]		0.5 [0.019]	
Coupler Diameter (mm) [inch]	12 [0.47]		16 [0.63]	
Weight (kg) [lb]	9.5 [21]		31 [68]	
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	Clutched Handwheel			
Position Indicator	External Visual Plate			
4-20mA Control	Included			
4-20mA Feedback	Included with Modulating Build			
Heater and Thermostat	Included			
Action on Input Signal Loss (Modulating Build)	Hold in Last Position (Default) Fully Extend Downward (CLOSE) / Fully Retract Upward (OPEN)			
Action on Loss of Power	Hold in Last Position			
Enclosure Rating	Explosionproof CSA Class I, Zone 1, AEx db IIB T4 Gb AEx tb IIIC T130°C Db. IP68 (7m, 72h)			
Options	ON/OFF Control, 4-20mA Feedback, Potentiometer Unit (1K or 5K), M20 Conduit Entry			