



iVS Range Electrical Datasheet (Explosionproof)

24V AC and 24V DC

50% Duty Cycle, TWO POSITION and ON/OFF									
Model	Output Torque		Motor Power	Running Time (sec / 90°)		24V AC (60Hz)		24V DC	
	N·m	lb·in	W	Motor	Spring	Run Current (A)	Lock Current (A)	Run Current (A)	Lock Current (A)
iVS-A	50	445	50	8	5	4.2	25.6	3.5	25.6
iVS-B	130	1,150	130	8	4	8.2	85.0	6.9	85.0
iVS-C	200	1,770	130	13	4	10.0	85.0	8.6	85.0
iVS-D	260	2,300	130	16	4	10.0	85.0	8.6	85.0

110V to 120V AC and 220V to 240V AC

50% Duty Cycle, TWO POSITION and ON/OFF									
Model	Output Torque		Motor Power	Running Time (sec / 90°)		110V AC (60Hz)		220V AC (60Hz)	
	N·m	lb·in	W	Motor	Spring	Run Current (A)	Lock Current (A)	Run Current (A)	Lock Current (A)
iVS-A	50	445	50	8	3	1.3	3.1	0.7	1.1
iVS-B	130	1,150	130	8	10	1.0	4.9	2.0	2.4
iVS-C	200	1,770	130	13	15	3.7	4.9	2.0	2.4
iVS-D	260	2,300	130	15	19	3.7	4.9	2.0	2.4



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110V to 120V AC and 220V to 240V AC continued...

50% Duty Cycle, Modulating Control									
Model	Output Torque		Motor Power	Running Time (sec / 90°)		110V AC (60Hz)		220V AC (60Hz)	
	N·m	lb·in	W	Motor	Spring	Run Current (A)	Lock Current (A)	Run Current (A)	Lock Current (A)
iVS-A	50	445	50	7	3	1.0	2.0	0.7	1.3
iVS-B	130	1,150	130	7	8	3.8	11.0	2.1	5.6
iVS-C	200	1,770	130	11	12	3.8	11.0	2.1	5.6
iVS-D	260	2,300	130	14	12	3.8	11.0	2.1	5.6

Note:

Run Current: Full Load Ampere (Rated)

Lock Current: Locked Rotor Ampere