



iVM Range Technical Datasheet (Standard)

Model	iVM-2AW*	iVM-2BW*	iVM-2CW*	iVM-2DW*
Rated Output Torque (N•m) [lb•ft]	(41) [30]	(55) [41]	(80) [59]	(100) [74]
Maximum Thrust (kN) [lb]	(40) [9,000]			
Power Supply	220-240V AC 1 Phase, 220-240V AC 3 Phase, 380-415V AC 3 Phase			
Available Control Types (Standard)	ON/OFF, MODULATING, MODBUS, PROFIBUS, HART			
Motor	Brushless DC			
Duty Performance (as per EN 15714-2)	Class A (On-Off) – 15 minutes running time per hour based on a nominal torque of 30% of rated Class B (Inching) – 30 starts per hour Class C (Modulating) – 1200 starts per hour			
Speed (RPM at 60Hz)	40, 60, 80, 100, 120	30, 45, 60, 75, 90	20, 30, 40, 50, 60	15, 22, 30, 37, 45
Weight (kg) [lbs] (Non-Rising Stem)	(52) [115]	(52) [115]	(52) [115]	(52) [115]
Weight (kg) [lbs] (Rising Stem)	(55) [121]	(55) [121]	(55) [121]	(55) [121]
Mounting Base (ISO 5211)	F10	F10	F10	F10
Maximum Stem Acceptance (Non-Rising Stem) (mm) [in.]	(35) [1.37]	(35) [1.37]	(35) [1.37]	(35) [1.37]
Maximum Stem Acceptance (Rising Stem) (mm) [in.]	(32) [1.25]	(32) [1.25]	(32) [1.25]	(32) [1.25]
Enclosure Material	Aluminum Alloy Casting (dry-powder coating)			
Ambient Temperature Range (°C) [°F] Humidity Range	-20°C to +70°C [-4°F to +158°F] 30% to 95%			
Conduit Entry	2 x 1" NPT, 1 x 1.5" NPT			
Manual Handwheel Override	1:1 ratio			
Position Indicator	Digital LCD			
Relays (SPDT)	4 configurable / NO and NC / Rated 1A@250V AC 4 extra relays are optional			
Enclosure Rating	CSA NEMA 4X, IP68			
Added Features	Bluetooth Enabled, Datalogger			



iVM Range Technical Datasheet (Standard)

Model	iVM-2AW0/SG201*	iVM-2BW0/SG201*	iVM-2CW0/SG201*
Rated Output Torque (N•m) [lb•ft]	(123) [91]	(162) [120]	(234) [173]
Maximum Thrust (kN) [lb]	(70) [15,700]		
Power Supply	220-240V AC 1 Phase, 220-240V AC 3 Phase, 380-415V AC 3 Phase		
Available Control Types (Standard)	ON/OFF, MODULATING, MODBUS, PROFIBUS, HART		
Motor	Brushless DC		
Duty Performance (as per EN 15714-2)	Class A (On-Off) – 15 minutes running time per hour based on a nominal torque of 30% of rated Class B (Inching) – 30 starts per hour Class C (Modulating) – 1200 starts per hour		
Speed (RPM at 60Hz)	13, 20, 27, 33, 40	10, 15, 20, 25, 30	7, 10, 13, 17, 20
Weight (kg) [lbs] (Non-Rising Stem)	(74) [163]	(74) [163]	(74) [163]
Weight (kg) [lbs] (Rising Stem)	(80) [176]	(80) [176]	(80) [176]
Mounting Base (ISO 5211)	F12	F12	F12
Maximum Stem Acceptance (Non-Rising Stem) (mm) [in.]	(40) [1.57]	(40) [1.57]	(40) [1.57]
Maximum Stem Acceptance (Rising Stem) (mm) [in.]	(51) [2.01]	(51) [2.01]	(51) [2.01]
Enclosure Material	Aluminum Alloy Casting (dry-powder coating)		
Ambient Temperature Range (°C) [°F] Humidity Range	-20°C to +70°C [-4°F to +158°F] 30% to 95%		
Conduit Entry	2 x 1" NPT, 1 x 1.5" NPT		
Manual Handwheel Override	3:1 ratio		
Position Indicator	Digital LCD		
Relays (SPDT)	4 configurable / NO and NC / Rated 1A@250V AC 4 extra relays are optional		
Enclosure Rating	CSA NEMA 4X, IP68		
Added Features	Bluetooth Enabled, Datalogger		



iVM Range Technical Datasheet (Standard)

Model	iVM-2AW0/SG202*	iVM-2BW0/SG202*	iVM-2CW0/SG202*
Rated Output Torque (N•m) [lb•ft]	(205) [151]	(270) [199]	(390) [288]
Maximum Thrust (kN) [lb]	(100) [22,480]		
Power Supply	220-240V AC 1 Phase, 220-240V AC 3 Phase, 380-415V AC 3 Phase		
Available Control Types (Standard)	ON/OFF, MODULATING, MODBUS, PROFIBUS, HART		
Motor	Brushless DC		
Duty Performance (as per EN 15714-2)	Class A (On-Off) – 15 minutes running time per hour based on a nominal torque of 30% of rated Class B (Inching) – 30 starts per hour Class C (Modulating) – 1200 starts per hour		
Speed (RPM at 60Hz)	8, 12, 16, 20, 24	6, 9, 12, 15, 18	4, 6, 8, 10, 12
Weight (kg) [lbs] (Non-Rising Stem)	(79) [174]	(79) [174]	(79) [174]
Weight (kg) [lbs] (Rising Stem)	(82) [181]	(82) [181]	(82) [181]
Mounting Base (ISO 5211)	F14	F14	F14
Maximum Stem Acceptance (Non-Rising Stem) (mm) [in.]	(51) [2.01]	(51) [2.01]	(51) [2.01]
Maximum Stem Acceptance (Rising Stem) (mm) [in.]	(55) [2.17]	(55) [2.17]	(55) [2.17]
Enclosure Material	Aluminum Alloy Casting (dry-powder coating)		
Ambient Temperature Range (°C) [°F] Humidity Range	-20°C to +70°C [-4°F to +158°F] 30% to 95%		
Conduit Entry	2 x 1" NPT, 1 x 1.5" NPT		
Manual Handwheel Override	5:1 ratio		
Position Indicator	Digital LCD		
Relays (SPDT)	4 configurable / NO and NC / Rated 1A@250V AC 4 extra relays are optional		
Enclosure Rating	CSA NEMA 4X, IP68		
Added Features	Bluetooth Enabled, Datalogger		



iVM Range Technical Datasheet (Standard)

Model	iVM-2BW0/SG203*	iVM-2CW0/SG203*	iVM-2DW0/SG203*
Rated Output Torque (N•m) [lb•ft]	(378) [279]	(546) [403]	(693) [511]
Maximum Thrust (kN) [lb]	(150) [33,720]		
Power Supply	220-240V AC 1 Phase, 220-240V AC 3 Phase, 380-415V AC 3 Phase		
Available Control Types (Standard)	ON/OFF, MODULATING, MODBUS, PROFIBUS, HART		
Motor	Brushless DC		
Duty Performance (as per EN 15714-2)	Class A (On-Off) – 15 minutes running time per hour based on a nominal torque of 30% of rated Class B (Inching) – 30 starts per hour Class C (Modulating) – 1200 starts per hour		
Speed (RPM at 60Hz)	4, 6, 9, 11, 13	3, 4, 6, 7, 9	2, 3, 4, 5, 7
Weight (kg) [lbs] (Non-Rising Stem)	(84) [185]	(84) [185]	(74) [185]
Weight (kg) [lbs] (Rising Stem)	(87) [192]	(87) [192]	(87) [192]
Mounting Base (ISO 5211)	F16	F16	F16
Maximum Stem Acceptance (Non-Rising Stem) (mm) [in.]	(60) [2.36]	(60) [2.36]	(60) [2.36]
Maximum Stem Acceptance (Rising Stem) (mm) [in.]	(70) [2.76]	(70) [2.76]	(70) [2.76]
Enclosure Material	Aluminum Alloy Casting (dry-powder coating)		
Ambient Temperature Range (°C) [°F] Humidity Range	-20°C to +70°C [-4°F to +158°F] 30% to 95%		
Conduit Entry	2 x 1" NPT, 1 x 1.5" NPT		
Manual Handwheel Override	7:1 ratio		
Position Indicator	Digital LCD		
Relays (SPDT)	4 configurable / NO and NC / Rated 1A@250V AC 4 extra relays are optional		
Enclosure Rating	CSA NEMA 4X, IP68		
Added Features	Bluetooth Enabled, Datalogger		