

Chapter 2 - Technical Specifications

Series	Q Series	iQ Series	Q Series	iQ Series	Q Series	iQ Series
Maximum Capacity (Load & Tool)	660 lb	660 lb	330 lb	330 lb	165 lb	165 lb
	300 kg	300 kg	150 kg	150 kg	75 kg	75 kg
Maximum Lifting Speed Unloaded	50 ft/min	50 ft/min	100 ft/min	100 ft/min	200 ft/min	200 ft/min
	14.94 m/min	14.94 m/min	30 m/min	30 m/min	61 m/min	61 m/min
Maximum Lifting Speed Fully Loaded	42 ft/min	42 ft/min	75 ft/min	75 ft/min	125 ft/min	125 ft/min
	12.80 m/min	12.80 m/min	23 m/min	23 m/min	38 m/min	38 m/min
Maximum Float Mode (Option) Lifting Speed	38 ft/min	38 ft/min	65 ft/min	65 ft/min	103 ft/min	103 ft/min
	11.58 m/min	11.58 m/min	20 m/min	20 m/min	31 m/min	31 m/min
Maximum Lift Range	11 ft	11 ft	11 ft	11 ft	11 ft	11 ft
	3.35 m	3.35 m	3.35 m	3.35 m	3.35 m	3.35 m
Maximum Lift Stroke	8 ft	8 ft	8 ft	8 ft	8 ft	8 ft
	2.44 m	2.44 m	2.44 m	2.44 m	2.44 m	2.44 m
Primary Lift Voltage (VAC)	220 +/- 10%	220 +/- 10%	220 +/- 10%	220 +/- 10%	220 +/- 10%	220 +/- 10%
Maximum Current (Amps)	10	10	10	10	10	10
Duty Cycle	H5	H5	H5	H5	H5	H5
Power Available for Tooling	Not Available	24VDC @ 0.5A	Not Available	24VDC @ 0.5A	Not Available	24VDC @ 0.5A
Lifting Media	1/4" dia. 19x7 Preformed Stainless Steel Wire Rope	1/4" dia. 19x7 Preformed Stainless Steel Wire Rope	3/16" dia. 19x7 Preformed Stainless Steel Wire Rope	3/16" dia. 19x7 Preformed Stainless Steel Wire Rope	3/16" dia. 19x7 Preformed Stainless Steel Wire Rope	3/16" dia. 19x7 Preformed Stainless Steel Wire Rope
	6.35mm dia. 19x7 Preformed Stainless Steel Wire Rope	6.35mm dia. 19x7 Preformed Stainless Steel Wire Rope	4.76mm dia. 19x7 Preformed Stainless Steel Wire Rope	4.76mm dia. 19x7 Preformed Stainless Steel Wire Rope	4.76mm dia. 19x7 Preformed Stainless Steel Wire Rope	4.76mm dia. 19x7 Preformed Stainless Steel Wire Rope
Operating Temperature Range	41 - 122° F	41 - 122° F	41 - 122° F	41 - 122° F	41 - 122° F	41 - 122° F
	5 - 50° C	5 - 50° C	5 - 50° C	5 - 50° C	5 - 50° C	5 - 50° C
Operating Humidity Range (Non-Condensing)	35 - 90%	35 - 90%	35 - 90%	35 - 90%	35 - 90%	35 - 90%
Virtual Limits (Upper Limit, Power Limit, Speed Reduction)	Optional	Standard	Optional	Standard	Optional	Standard
Weight Display Accuracy (option with Float Mode)	+/- 1% Rated Capacity	+/- 1% Rated Capacity	+/- 1% Rated Capacity	+/- 1% Rated Capacity	+/- 1% Rated Capacity	+/- 1% Rated Capacity
I/O Actuator						
Number of Inputs, Type	N/A	8, Sinking	N/A	8, Sinking	N/A	8, Sinking
Input Current @ 24 VDC	N/A	6ma	N/A	6ma	N/A	6ma
Number of Outputs, Type	N/A	8, FET	N/A	8, FET	N/A	8, FET
Continuous Current/Channel (Amps)	N/A	0.5	N/A	0.5	N/A	0.5
Module Maximum Current (Amps)	N/A	0.5	N/A	0.5	N/A	0.5
Handle with I/O Module						
Number of Inputs, Type	N/A	8, Sinking	N/A	8, Sinking	N/A	8, Sinking
Input Current @ 24 VDC	N/A	4ma	N/A	4ma	N/A	4ma
Number of Outputs, Type	N/A	8, FET	N/A	8, FET	N/A	8, FET
Continuous Current/Channel (Amps)	N/A	0.5	N/A	0.5	N/A	0.5
Module Maximum Current (Amps)	N/A	0.5	N/A	0.5	N/A	0.5