

GORBEL'S Q2 AND iQ2 TECHNOLOGY: TECHNICAL SPECIFICATIONS

BRIDGE MOUNTED G-FORCE® Q2 AND iQ2 QUICK FACTS

G-Force®	Q2	iQ2	Q2	iQ2	Q2	iQ2	Q2	iQ2
Maximum Capacity	165 lb 75 kg		330 lb 150 kg		660 lb 300 kg		1320 lb 600 kg	
Maximum Lifting Speed Unloaded	200 ft/min 61 m/min		100 ft/min 30 m/min		50 ft/min 14.94 m/min		25 fpm 7.47 m/min	
Maximum Lifting Speed Fully Loaded	125 ft/min 38 m/min		75 ft/min 23 m/min		42 ft/min 12.80 m/min		21 fpm 6.4 m/min	
Maximum Float Mode Lift Speed	103 ft/min 31 m/min		65 ft/min 20 m/min		38 ft/min 11.58 m/min		19 fpm 5.79 m/min	
Duty Cycle	H5		H5		H4		H3	

FREE STANDING EASY ARM® Q2 AND iQ2 QUICK FACTS

Easy Arm®	Q2	iQ2	Q2	iQ2	Q2	iQ2
Maximum Capacity (Load & Tool)	165 lb 75 kg		330 lb 150 kg		660 lb 300 kg	
Maximum Lifting Speed Unloaded	180 fpm 55 mpm		90 fpm 27 mpm		50 fpm 14.9 mpm	
Maximum Lifting Speed Fully Loaded	125 fpm 38 mpm		75 fpm 23 mpm		42 fpm 12.8 mpm	
Maximum Float Mode Lifting Speed	103 fpm 31 mpm		65 fpm 20 mpm		38 fpm 11.58 mpm	
Maximum Lift Range	11 ft 3.35 m		11 ft 3.35 m		11 ft 3.35 m	

Q2 AND iQ2 TECHNICAL SPECS

G-Force® and Easy Arm®	Q2 iQ2
Primary Lift Voltage (VAC)	220 +/- 10%, single phase
Maximum Current (Amps)	6
Duty Cycle	H3 - H5
Operating Temperature Range	41 - 122° F 5 - 50° C
Operating Humidity Range (Non-Condensing)	35 - 90%
User Accessible Power	24VDC @ 0.5A
Virtual Limits (Upper Limit, Power Limit, Speed Reduction)	Standard

iQ2 SPECIFIC INFORMATION

I/O Actuator (iQ2 only)	
Inputs, Type	8, Sinking
Input Current @24VDC	6mA
Outputs, Type	4
Continuous Current/Channel	0.5A
Module Max Current	0.5A
X67 I/O Module (iQ2 Only)	
8 Channel	Input or Output
Nominal Voltage	24VDC
Input Current @24VDC	4mA
Input Type	Sinking
Outputs Type	FET
Continuous Current/Channel	0.5A
Total Nominal Current	0.5A
Handle I/O (Q2 Only)	
Inputs, Type	2, Sourcing
Input Current (max) @24VDC	60mA
Outputs, Type	2, Relay
Max Switch Current	0.5A
Max Available Current	0.5A

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