

2. SPECIFICATIONS

2.1 BISOMAC210 TRACTION HOIST

Model	BISOMAC210-1000	
Rated Load	1000 lbs (450 kg)	
Rated Speed	35 ft/min (10.6 m/min)	
Noise	64 dB	
Protection Construction	IP54	
Hoist Self Weight	108 lbs (49 kg)	
Weight including safety devices	130 lbs (59 kg)	
Dimension w/safety devices	29.5 in. (750 mm high) x 12.4 in. (315 mm width) x 17.9 in. (455 mm depth)	
Voltage	1-phase 208 V (60 Hz)	
Ampere in Rated load	10 A	
Motor Power	1.5 KW (4P)	
Wire Rope Dia	dia 5/16 inch or dia 8 mm	
Control Method	Independent Control Method	
Safety Features	Electromagnetic Brake	
	Controlled Descent Device	
	Emergency Stop – Cut all power to the electric motor	

MAINTENACNE SPECIFICATIONS

Maintain every 100 hour of operation hour or no longer than every year. See Maintenance Manual for instructions on maintaining. (this differ from condition of use at work sites, refer Section 4 Work Environment)

OVERSPEED DETECTION DEVICE	
Rated Load:	1000 lbs (450 kg)
Activation Speed:	98.4 ft/min (30 m/min)
Dimension:	10 in. (253 mm high) x 4.7 in. (120 mm width) x 4 in. (103 mm depth)
Weight:	11 lbs (5 kg)
Control Feature:	NO descending while this device is activated.
Use Voltage	208 V

OVERLOAD DETECTION DEVICE	
Rated Load:	1000 lbs (450 kg)
Activation Load:	1500 lbs (150 % of Max load)
Dimension:	10.4 in. (264 mm high) x 12.4 in. (314 mm width) x 3.7 in. (95 mm depth)
Weight:	9 lbs (4 kg)
Control Feature:	NO ascending while this device is activated.
Use Voltage	208 V