

5124 Series Specifications



fasteners, and a positive load holding Weston style brake able to stop and hold the load automatically if the winch handle is released.

- 2.4.2 Cable Anchor: lifting winch shall include the Thern Quick Disconnect feature allowing quick attachment and detachment of wire rope equipped with a swaged ball anchor.
- 2.4.3 Material: lifting winch shall be fabricated from type 304/17-4 stainless steel minimum, with electro-polish finish.

FOR 4WM2-K OR CRANE MODELS ENDING IN M2

- 2.4.1 Lifting Winch: winch shall have machine cut worm gears operating in an enclosed oil bath, cast aluminum gear case and drum construction, an adjustable handle that mounts securely to the drive shaft for manual operation, bronze and radial ball bearings, pressure plate, and a positive load holding mechanical brake able to stop and hold the load automatically if the winch handle is released.
- 2.4.2 Cable Anchor: lifting winch shall include the Thern Quick Disconnect feature allowing quick attachment and detachment of wire rope equipped with a swaged ball anchor.
- 2.4.3 Drill Operation: lifting winch shall be equipped with a hex drive input to allow drill drive operation with a maximum rated drill speed of 400 rpm.

FOR 4WP2-K OR 4777-K FOR CRANE MODELS ENDING IN E2 OR E4

- 2.4.1 Lifting Winch: winch shall have machine cut worm gearing operating in an enclosed oil bath, cast aluminum gear case construction, bronze and radial ball bearings, pressure plate, and a positive load holding mechanical brake able to stop and hold the load automatically if winch operation is halted.
- 2.4.2 Motor: motor shall be totally enclosed non-ventilated, or fan cooled, with anti-friction bearings and Class B insulation minimum. Motor shall be reversible with torque characteristics suitable for the hoist service and capable of operating at specified loads, with a NEMA 4 pendant control on a minimum 6 foot control cord. Motor at rated frequency shall be capable of operating within 10% of rated motor voltage.
- 2.4.3 Cable Anchor: lifting winch shall include the Thern Quick Disconnect feature allowing quick attachment and detachment of wire rope equipped with a swaged end fitting.

2.5 Wire Rope

- 2.5.1 Wire Rope: wire rope construction shall be 7 x 19 type 304 stainless steel cable.
- 2.5.2 Hooks: latch type hooks shall be used and shall be either non-rotating eye type or swivel type to allow 360 degree rotation under all load conditions. Hooks shall be heat treated drop forged type 304/316 stainless steel.

