

# ATLAS II

*capacity up to 4,600 lbs*

The 3WG4 Series power winch from Thern packs power and performance into a compact and lightweight package for pulling or lifting. Featuring rugged construction and precision machining, this winch delivers the pulling and lifting strength you need on the work site.

Fully-enclosed precision worm gearing ensures smooth, dependable, long-lasting operation, while sturdy lifting handles allow for easy transport.



**MACHINE CUT GEARS** provide high efficiency and smooth operation.

**ENCLOSED OIL BATH** reduced wear on gears for long operating life. Oil seals keep oil in and dirt out.

**CAST ALUMINUM** combines rugged work site durability with a lightweight package.

**INTERNAL MECHANICAL OR MOTOR BRAKE (A)** provides positive load control for lifting and lowering operations.

**BALL BEARINGS** provide smooth and efficient operation.

**LIFTING HANDLES (B)** aid in work site lifting and positioning.

**DUAL FUNCTION CABLE ANCHOR (C)** has both standard set screw slot and keyhole slot on drum for quick disconnect with 3/8 inch swaged ball ends.

**MOUNTING OPTIONS** include floor, wall and ceiling configurations.

**MODULAR DESIGN** for easy product customization and quick lead times.

**2 YEAR MOVE IT WITH CONFIDENCE LIMITED WARRANTY** leads the industry.



Mechanical brake for lifting applications.



Lifting handles provide easy attachment points for lifting straps.



Drum features a set screw slot (left) and keyhole slot (right).

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## OPTIONS AND ACCESSORIES

**EMERGENCY HAND CRANK** for manual operation in power loss situations.

**ROTARY LIMIT SWITCHES** provide secondary shut-off for load travel in one or two directions.

**INTERNAL MECHANICAL BRAKE** available for motor brake models to provide dual braking.

**SPECIAL FINISHES** for harsh or hazardous environments.

**SPECIAL MOTORS AND CONTROLS (D)** are available in a wide range of standard and custom configurations for single or variable speed.

**TORQUE LIMITERS** as part of the motor controls.



Custom controls available for special applications.

## 3WG4 Series Performance Characteristics

Model	Brake Style	Duty Rating (mins)	Motor Codes	Motor HP	Load Rating						Line Speed			
					1st Layer		Mid Drum		Full Drum		1st Layer		Full Drum	
					(lb)	(kg)	(lb)	(kg)	(lb)	(kg)	(fpm)	(mpm)	(fpm)	(mpm)
3WG4-B3500-9S6	Internal	15	B,C,D,E	1.5	3500	1587.6	2500	1134.0	1900	861.8	9	2.7	16	4.9
3WG4-B3500-13S6	Internal	15	B,C,D,E	2	3500	1587.6	2500	1134.0	1900	861.8	13	4.0	24	7.3
3WG4-B4600-9S6	Internal	15	B,C,D,E	2	4600	2086.5	3300	1496.9	2500	1134.0	9	2.7	16	4.9
3WG4-B4600-13S6	Internal	15	C,D,E	3	4600	2086.5	3300	1496.9	2500	1134.0	13	4.0	24	7.3
3WG4-M3500-9S6	Motor	60	D,E	1.5	3500	1587.6	2500	1134.0	1900	861.8	9	2.7	16	4.9
3WG4-M3500-13S6	Motor	60	B,D,E	2	3500	1587.6	2500	1134.0	1900	861.8	13	4.0	24	7.3
3WG4-M4600-9S6	Motor	60	B,D,E	2	4600	2086.5	3300	1496.9	2500	1134.0	9	2.7	16	4.9
3WG4-M4600-13S6	Motor	60	D,E	3	4600	2086.5	3300	1496.9	2500	1134.0	13	4.0	24	7.3

## 3WG4 Series Drum Capacities

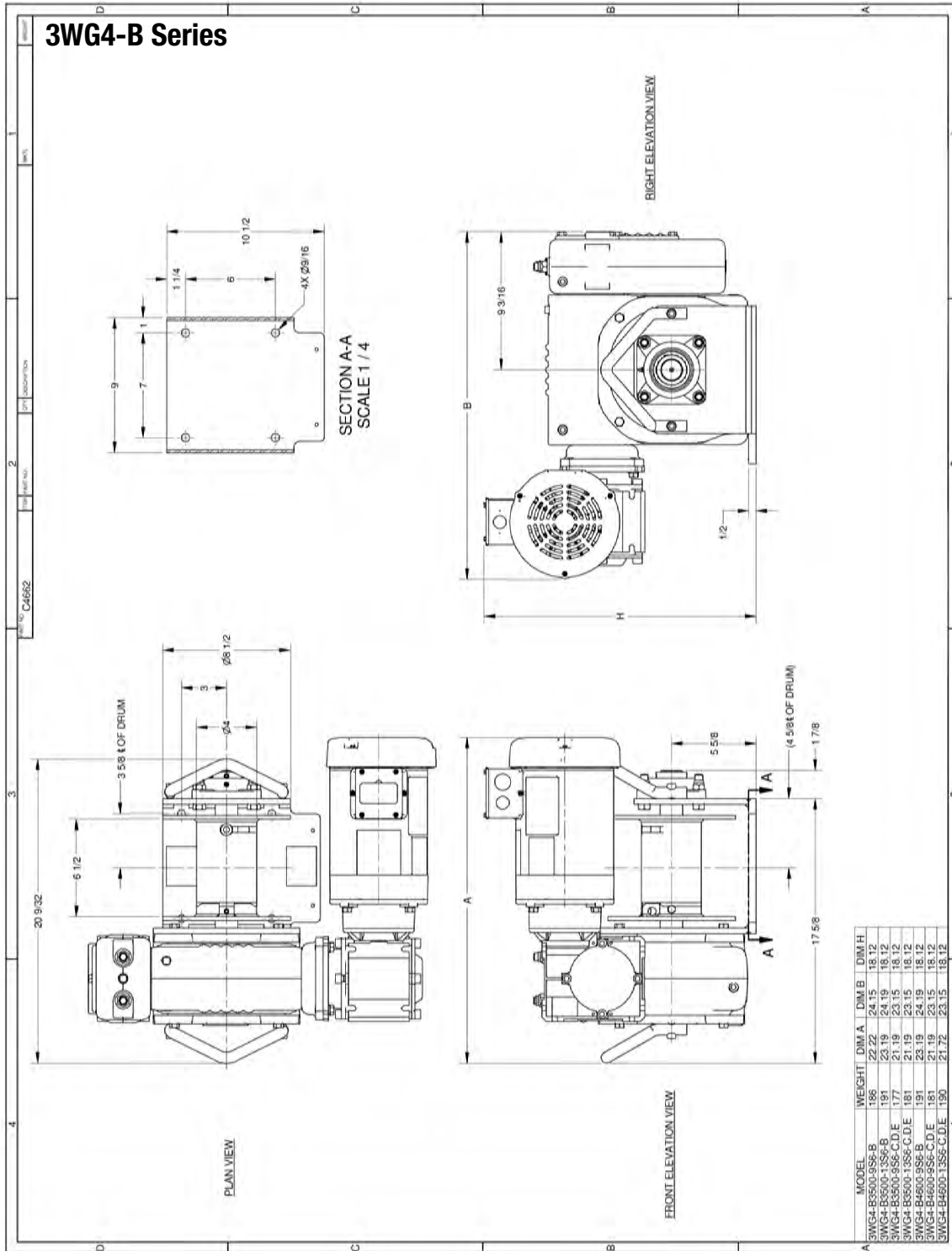
Model	Wire Rope Diameter		Breaking Strength		Drum Layer					
	(in)	(mm)	(lb)	(kg)	1st Layer		Mid Drum		Full Drum	
					(ft)	(m)	(ft)	(m)	(ft)	(m)
3WG4-B/M	3/8	9.5	15,000	6,804.0	14	4.3	65	19.8	140	42.7

Motor Codes		
<b>B</b>	230 volt	1 phase
<b>C</b>	208 volt	3 phase
<b>D</b>	230 volt	3 phase
<b>E</b>	460 volt	3 phase
<b>F</b>	All other voltages please contact the factory.	
<b>PN</b>	Pneumatic - contact the factory	
<b>HY</b>	Hydraulic - contact the factory	

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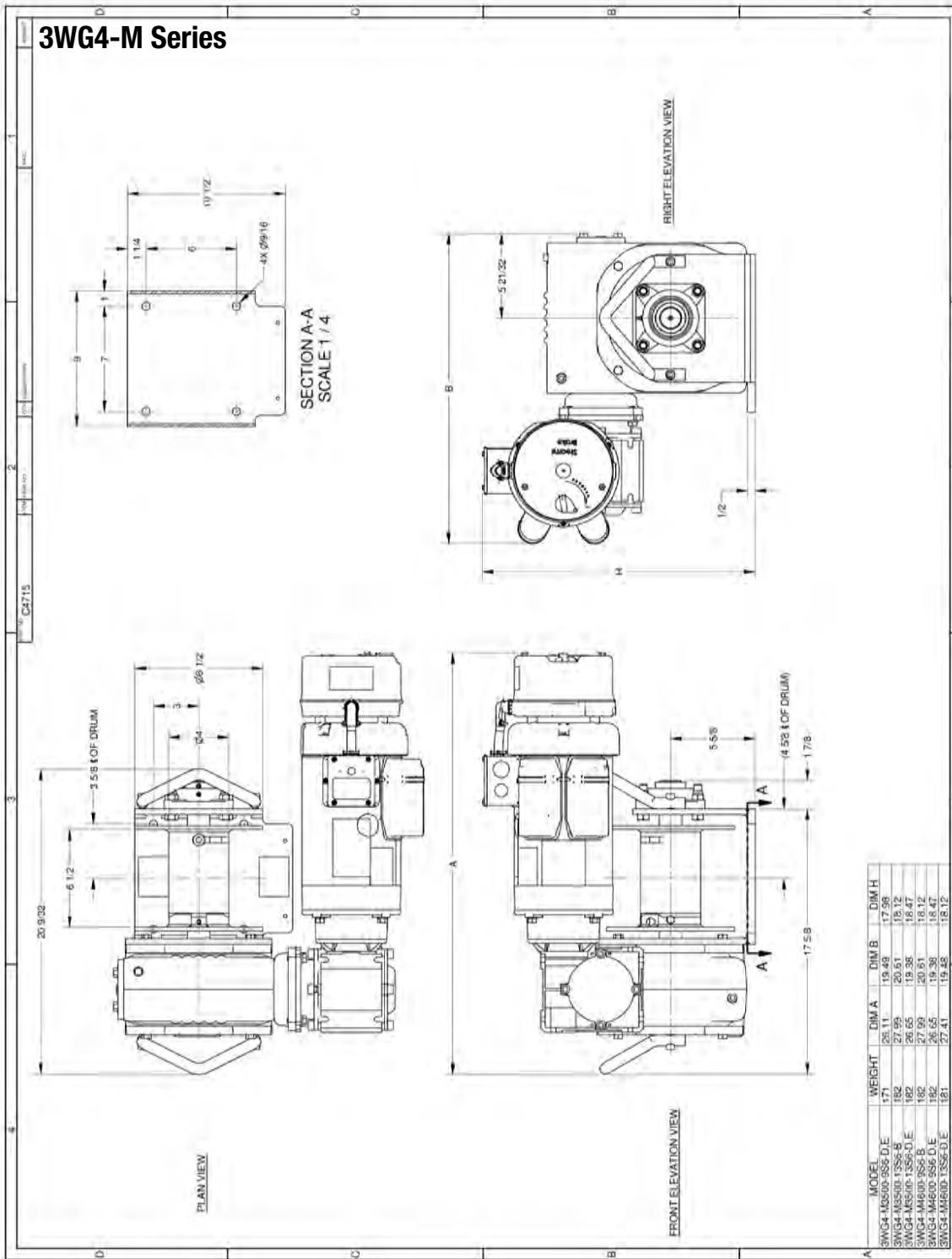
## 3WG4-B Series



**IMPORTANT:**  
 It is the owner or operator's responsibility to determine the suitability of the equipment to its intended use. Study all applicable codes, manuals and regulations. Be sure to read the Owner's Manual supplied with the equipment before operating it.

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