

ARCHITECTURAL SPECIFICATIONS

**INDUSTRIAL WORM GEAR JACKSHAFT OPERATOR WITH CHAIN HOIST**

The PRO-GH is designed for use on all roll-up doors and grilles and large sectional doors with high or vertical lift track.

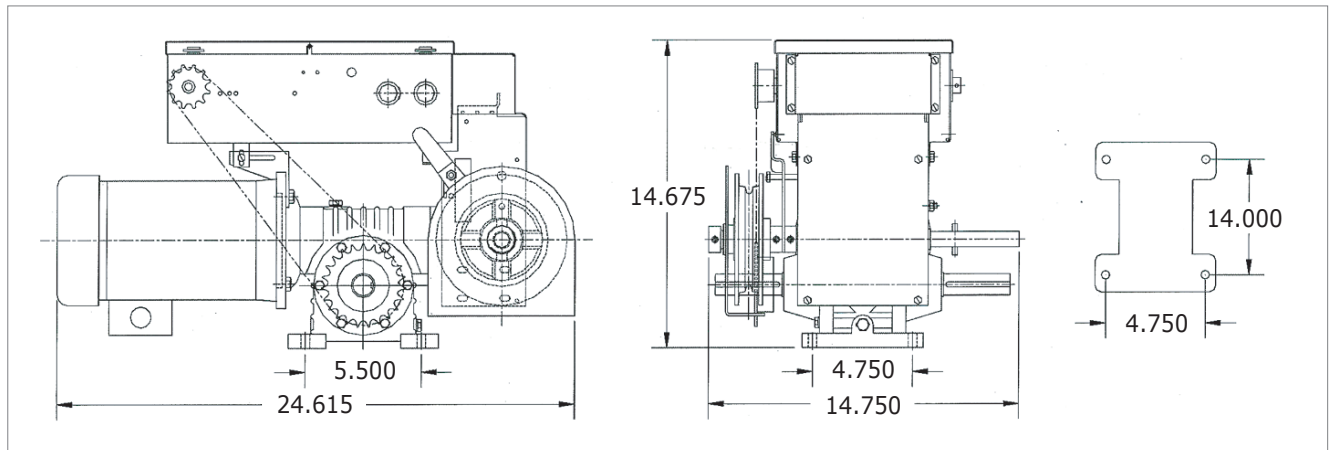
■ **STANDARD FEATURES**

- 2 year warranty
- Heavy duty reversing contactor c/w electrical interlock
- Continuous duty motor
- Full overload protection
- Worm gear in oil-bath reducer
- 24V Fused Control Circuit
- C-2 wiring standard (Constant Pressure Close)
- Note: B-2 Wiring can be field set by moving 1 jumper wire. Safety equipment must be installed when B-2 wiring is used.
- External radio control terminal strip
- Three Button Control Station
- Fully adjustable rotary limit switches
- Powder metal limit cams
- Motor removable without affecting limit setting
- Solenoid brake
- #50 roller chain drive & sprockets
- Chain Keeper
- Emergency chain hoist with electrical cutout switch for manual operation
- Universal left or right hand mounting
- Baked on dark grey coat finish
- Approximate shipping weight 110 Lbs.
- Full feature logic control board (Optional)

■ **MOUNTING DETAIL**

VERTICAL MOUNT	HORIZONTAL MOUNT	WALL MOUNT
	 FOR NOT ENOUGH HEAD-CLEARANCE	

OVERALL DIMENSIONS



HORSEPOWER SELECTION & MOTOR AMPERAGE GUIDE

PRO-GH HORSEPOWER SELECTION GUIDE GEARHEAD JACKSHAFT / HEAVY DUTY INDUSTRIAL (30 CYCLES/HR)												
Steel	ROLLING DOORS					SECTIONAL DOORS						
	24GA	22GA	20GA	18GA	16GA		24GA	22GA	20GA	18GA	16GA	
Insulated Steel									24GA	22GA	20GA	16GA
Other	Aluminum Grilles	Aluminum Doors				Fiberglass		Aluminum Doors	Wood Doors			
HORSEPOWER	MAXIMUM SQUARE FEET					MAXIMUM SQUARE FEET						
1/2HP - 373W	325	300	265	240	225	325	310	290	275	250	225	175
3/4HP - 560W	480	430	360	325	275	480	445	420	390	320	275	225
1HP - 746W	650	560	450	410	325	650	590	550	500	400	325	300
1.5HP - 1119W		625	575	520	425			740	680	550	425	375
2HP - 1492W			660	600	560				660	620	560	460
3HP - 2238W			890	860	830				910	870	830	620
MOTOR AMPERAGE GUIDE (Amps)												
VOLTAGE	1/2	3/4	1	1.5	2	3	5					
110V 1-phase	9.0	11.2	13.6	19.0								
220V 1-phase	4.5	5.6	6.8	9.8								
208V 3-phase	1.9	3.0	3.8	5.1	6.5	8.9	14.3					
230V 3-phase	1.9	2.8	3.6	5.0	6.2	8.3	13.5					
460V 3-phase	1.0	1.4	1.8	2.5	3.1	4.2	6.7					
575V 3-phase	0.8	1.1	1.4	1.9	2.5	3.6	5.5					