

COLUMBIA

WINCHES & HOISTS

Manufactured by Allied Power Products, Inc.

PNEUMATIC HOISTS
13,000 LBS. CAPACITY

CERTO
SERIES



STANDARD FEATURES

- Compact design
- Designed to meet ANSI B30.7 specifications
- Rated for vertical lifting
- Automatic, load-suspending braking system
- Totally enclosed geartrain
- Simple base-mount installation
- Counter-balance valve to ensure smooth lowering
- Dependable pneumatic vane motor

OPTIONS

- Motor-mounted control valves
- Pendant operated control valves
- Band brakes, ratchet and pawls and disc brakes
- Custom drum configurations
- Weather resistant coatings and hardware
- AutoAdvance Line Spoolers
- Additional features and upgrades available upon request

CAUTION: The final determination as to the suitability of this product for any purpose is solely that of the user. Columbia products are not to be used to lift people or to lift anything over people.

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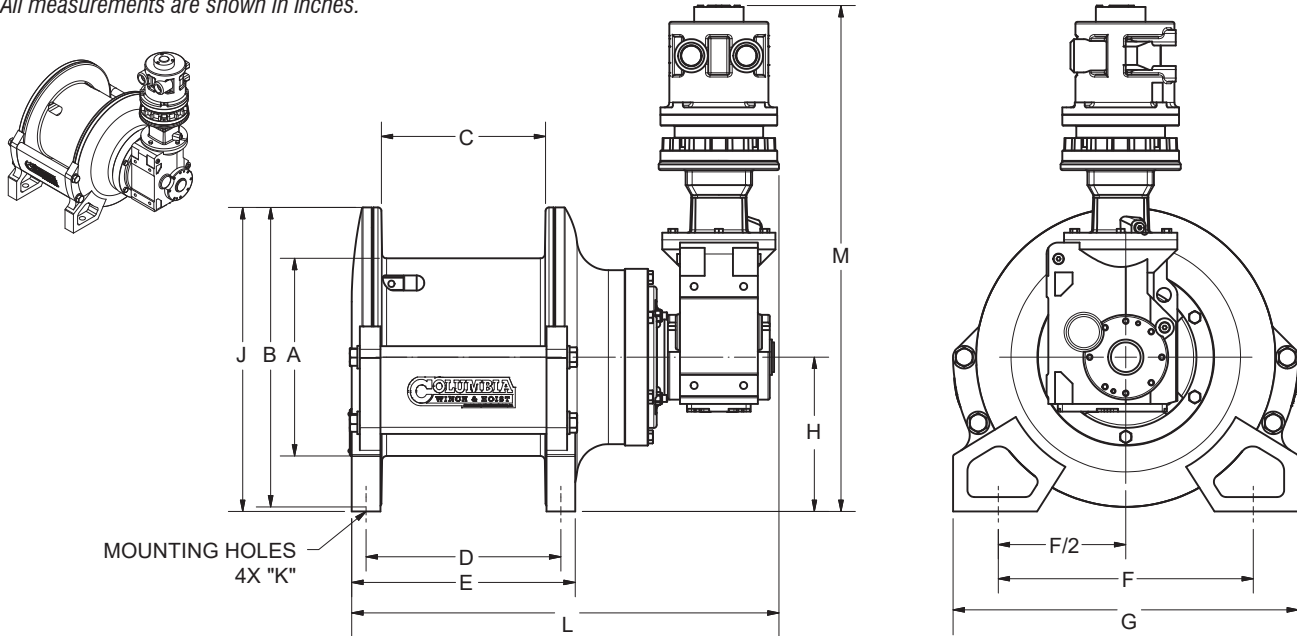
ALLIED POWER PRODUCTS, INC.

THE WINCH & HOIST SPECIALISTS

6590 SW FALLBROOK PLACE, BEAVERTON, OR 97008
(503) 626-0654 FAX (503) 646-1996

DIMENSIONAL DATA

All measurements are shown in inches.



| Model | Dimensions (Inches) | | | | | | | | | | | | Wire Rope Capacity | | | | | | | | |
|-------------|---------------------|------|------|-------|------|------|------|-----|------|------|------|------|--------------------|------|-------|------|-------|------|-------|------|--|
| | A | B | C | D | E | F | G | H | J | K | L¹ | M¹ | 3/16" | 1/4" | 5/16" | 3/8" | 7/16" | 1/2" | 9/16" | 5/8" | |
| HR1-2200-P | 7.0 | 10.6 | 6.0 | 7.26 | 8.4 | 9.04 | 12.3 | 5.6 | 10.9 | 0.53 | 18.6 | 24 | 715' | 365' | 250' | 130' | / | / | / | / | |
| HR2-4500-P | 7.5 | 11.5 | 7.1 | 8.63 | 10.0 | 9.75 | 13.6 | 6.0 | 11.8 | 0.68 | 20.2 | 25.1 | / | 540' | 305' | 210' | 142' | / | / | / | |
| HR3-7000-P | 11.0 | 16.7 | 9.1 | 10.84 | 12.6 | 14.2 | 19.2 | 8.6 | 16.9 | 0.83 | 24.1 | 28.5 | / | / | / | / | 410' | 375' | 275' | 188' | |
| HR4-10000-P | 11.0 | 16.7 | 9.1 | 10.84 | 12.6 | 14.2 | 19.2 | 8.6 | 16.9 | 0.95 | 24.1 | 28.5 | / | / | / | / | 410' | 375' | 275' | 188' | |
| HR5-13000-P | 11.0 | 16.7 | 12.2 | 13.84 | 15.6 | 14.2 | 19.2 | 8.6 | 16.9 | 0.95 | 27.1 | 28.5 | / | / | / | / | 584' | 423' | 296' | 271' | |

¹ Max dimension shown

PERFORMANCE

| Model | Drum Size | Motor HP | Power Input | | Typical Weight | Line Pull • Line Speed (Calculated) | | | | | |
|-------------|-----------|----------|-------------|-----|----------------|-------------------------------------|-----|-----------|-----|-----------|-----|
| | | | PSI | CFM | | First Layer | | Mean Drum | | Full Drum | |
| | | | | | | lbs | fpm | lbs | fpm | lbs | fpm |
| HR1-2200-P | 1 | 4.3 | 80 | 120 | 150 lbs | 2200 | 36 | 1870 | 42 | 1740 | 45 |
| HR2-4500-P | 2 | 6.5 | 80 | 180 | 220 lbs | 4500 | 33 | 3860 | 39 | 3600 | 41 |
| HR3-7000-P | 3 | 6.5 | 80 | 180 | 460 lbs | 7000 | 21 | 5900 | 25 | 5470 | 27 |
| HR4-10000-P | 4 | 6.5 | 80 | 180 | 460 lbs | 10000 | 15 | 8430 | 18 | 7820 | 19 |
| HR5-13000-P | 5 | 6.5 | 80 | 180 | 460 lbs | 13000 | 11 | 10960 | 14 | 10160 | 15 |

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