



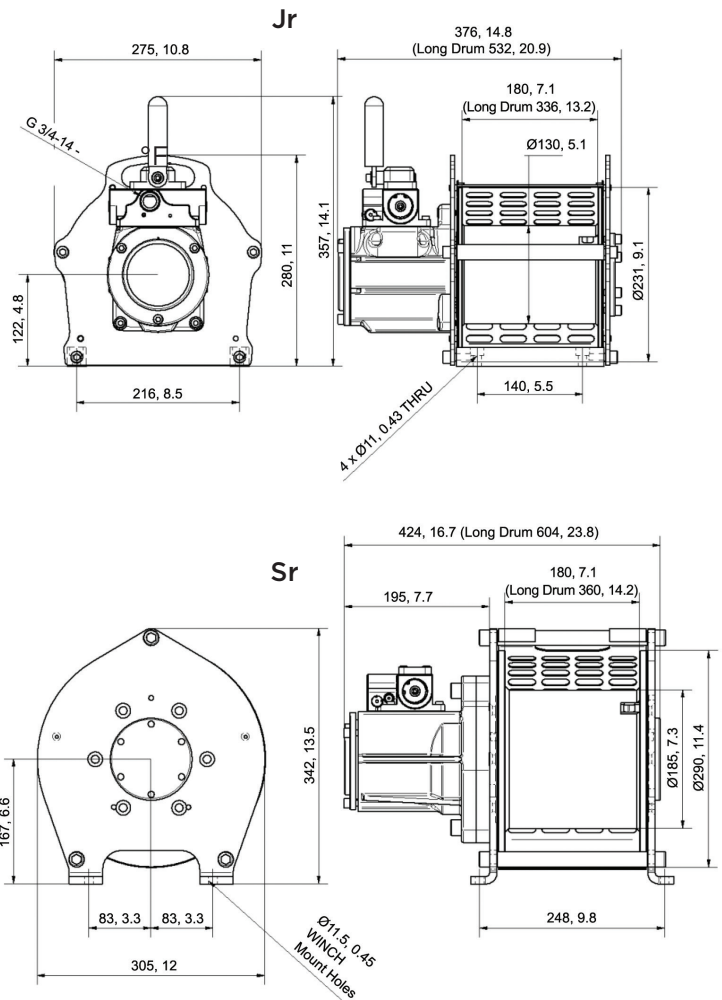
ATS PNEUMATIC WINCHES

Jr0.3t ~ Sr2.4t

ATS Air Winches are designed for Lifting and pulling applications in difficult applications like Marine, Offshore industry, Mining or wherever heavy loads have to be moved in confined spaces.

Standard Features:

- Rust free & replaceable stainless steel cylinder.
- 100% duty cycle.
- Ideal for working in hazardous areas (explosive environments).
- Temperature rated -4°F to 158°F.
- Insensitive to dust and humidity.
- Designed to conform with ASME 30.7 and FEM Classification 1Bm.
- Designed with a 5:1 factor of safety for lifting.
- Automatic self-adjusting multi disc brake 125% WLL
- Tried and tested Delta P load limiting device set 130% WLL for all CE model (lifting only).
- Spark resistant (Atex Zone 1 & 2).
- Compact design and lowest weight in class.
- Pilot pendant control with emergency shut-off valve or Variable speed toggle control.
- OPTIONAL Declutchable drum for free spooling.
- Individually load tested before shipment - Delivered with Load Test Certificate.



Above schematics mm, in

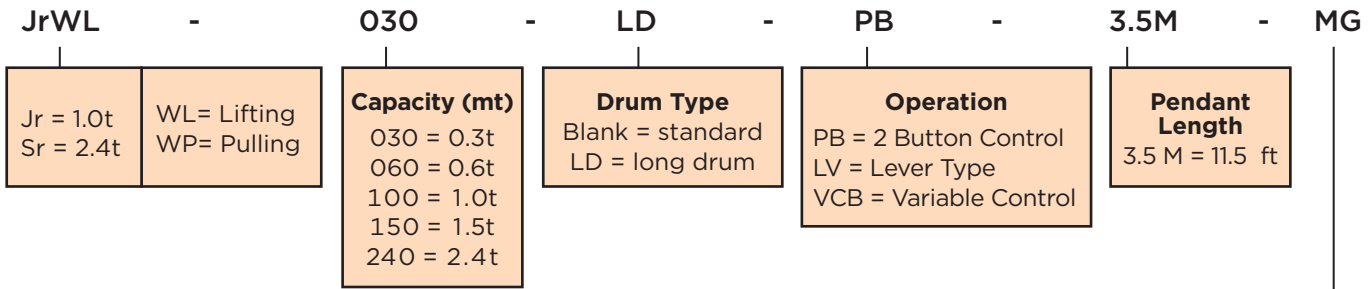


Scan for Webpage, User & Parts Manual



Structure of our Model Numbers

Example JrWL-030-LD-PB-3.5M-MG



Additions

| | |
|---|--------------------------------|
| OD = No drum guard | MG = Marine grade paint finish |
| FLA = Filter lubricator assembly | FS = Free spool, declutchable |
| FRLA = Filter regulator lubricator assembly | ES = Estop |
| KN = Nickle, corrosion resistant finish | MLD = Mainline disconnect |

* Declutchable drum for free spooling is only an option on pulling winches

SPECIFICATIONS

| Series | | WL Model | | | | | | WP Model | | | |
|--|----------------|--|----------|---------|---------|-----------|-----------|----------|----------|-----------|-----------|
| | | Lifting safety factor is 5:1, pulling safety factor is 3.5:1 | | | | | | | | | |
| | | Jr030 | Jr030LD | Jr060 | Jr060LD | Sr150 | Sr150LD | Jr100 | Jr100L | Sr240 | Sr240L |
| Carrying Capacity | mt | 0.3 | 0.3 | 0.6 | 0.6 | 1.5 | 1.5 | 1.0 | 1.0 | 2.4 | 2.4 |
| Winch weight | kg/lbs | 39/86 | 55/122 | 39/86 | 55/122 | 65/144 | 125/276 | 39/86 | 55/122 | 65/144 | 125/276 |
| Air Consumption Full load | cfm | 90 | 90 | 90 | 90 | 125 | 125 | 90 | 90 | 125 | 125 |
| Air connection | mm | 3/4" BSP | | | | | | | | | |
| Hose connection | mm | 19 (3/4") | | | | | | | | | |
| Air pressure | bar | 4.7 (Performance figures tested @ 6.3) | | | | | | | | | |
| Lifting Speed at Rated Load, 1st Layer | m/min / ft/min | 35/114 | 35/114 | 21/69 | 21/69 | 7.5/24 | 7.5/24 | | | | |
| Pulling Speed at Rated Load, 1st Layer | m/min / ft/min | | | | | | | 12/39 | 12/39 | 4/13 | 4/13 |
| Recommended Rope Size | mm/in | 5/0.1875 | 5/0.1875 | 6.5/.25 | 6.5/.25 | 10/0.375 | 10/ 0.375 | 6.5/0.25 | 6.5/0.25 | 10/0.375 | 10/0.375 |
| Cumulated Working rope capacity | | | | | | | | | | | |
| Layer 1 | m/ft | 14/46 | 26/85 | 11/36 | 20/65 | 10/32 | 21/68 | 11/36 | 20/65 | 10/32 | 21/68 |
| Layer 2 | m/ft | 30/98 | 55/180 | 23/75 | 43/141 | 21/68 | 44/144 | 23/75 | 43/141 | 21/68 | 44/144 |
| Layer 3 | m/ft | 47/154 | 85/278 | 27/88 | 67/219 | 34/111 | 70/229 | 27/88 | 67/219 | 34/111 | 70/229 |
| Layer 4 | m/ft | 65/213 | 118/387 | 51/167 | 93/305 | | | 51/167 | 93/305 | | |
| Layer 5 | m/ft | 84/275 | 152/498 | 67/219 | 122/400 | | | 67/219 | 122/400 | | |
| Layer 6 | m/ft | 104/341 | 188/616 | 84/275 | 152/498 | | | 84/275 | 152/498 | | |
| Layer 7 | m/ft | 125/410 | 226/741 | | | | | | | | |
| Layer 8 | m/ft | 147/482 | 266/892 | | | | | | | | |
| Minimum rope breaking Force | kN/lbs | 15/3372 | 15/3372 | 30/6744 | 30/6744 | 75/16,860 | 75/16,860 | 35/7868 | 35/7868 | 84/18,883 | 84/18,883 |
| Noise level | dB(A) | 87 | | | | | | | | | |

