



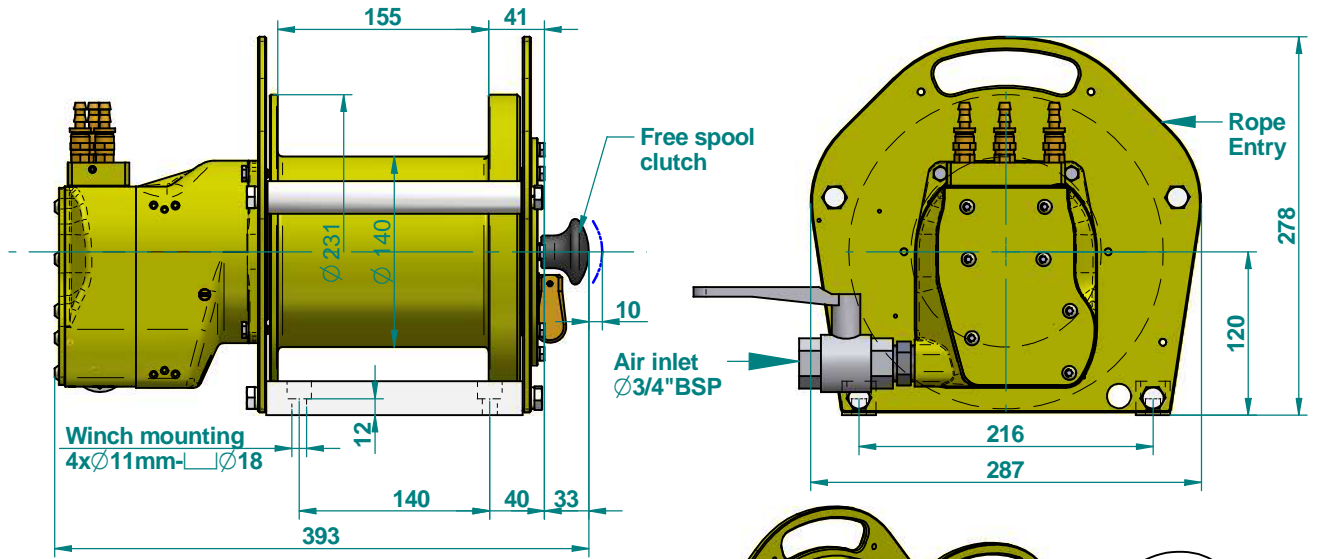
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# PULLSTAR AIR WINCH SERIES

**Models:**  
**PS2-1000R-PH5M-G-QZ**  
**Pulling capacity: 1000Kg**

IREP Drawing Number	Rev.
11/10/04-L644	
Customer Drawing Number	
Folio	1/1
Engineering Mgr. approval: JLF	



### Standard features:

- Light weight and compact design .Easy to carry.
- Robust steel construction.
- Automatic fail safe disc brake (no adjustment required).
- Manual disengaging clutch.
- Reliable gear type air motor in composite material.
- High efficiency planetary gear box.
- Flameproof by nature.
- Low noise level, quiet operation.
- Individually load test before shipment.
- Variable speed and precise positioning though PHS progressive remote pilot control.

**Nota :** In their standard design, Pullstar winches are classified as equipment ATEX category 2 for applications in zone 1 and 2 of group II.  
(Surface industry, as per ATEX 94/9/CE directive) Marking Ex II 2 GD c IIB135°C X.

*\*It is strongly recommended to use a lubricating and a filtration system on the compressed air line.  
The compressed air temperature must not exceed 65°C at the motor air inlet.  
For higher temperature, please consult us.*

### Options:

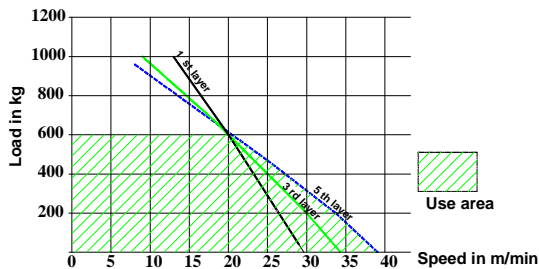
- Main air emergency stop.
- Marine and offshore paint including sandblasting.
- Lifting version (Liftstar series).

### Technical data (at 6.3bar)\*:

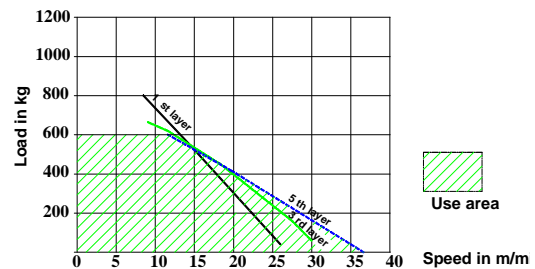
Model	PS2-1000R
Rated capacity (Kg)	1000 (at first layer)
Pulling speed at rated load (m/min)	12 (at first layer)
Air consumption at rated load (m³/min)	4
Working pressure range (Bar)	4 to 7*
Full drum capacity - rope Ø6,5 (m)	89
Weight without rope (kg)	38

\*: A working pressure lower than 6,3Bar will result in reduced performances.

Performances at 6.3 bar (90PSI) - Rope Ø6.5mm



Performances at 4 bar (60PSI) - Rope Ø6.5mm



### Cumulated rope capacity (m) / number of layers

Layers nbr:	1	2	3	4	5	6	7
Rope dia 6.5mm	9	20	32	45	58	73	89
Rope dia 8mm	7	16	26	37	49		