

WINDSOCKS | RAP-02 Rotor Arm Pivot & Installation Procedures

Product Overview:

The RAP-02 Rotor Arm Pivot is a high-end, heavy-duty Windsock mounting solution constructed from Stainless Steel. It is designed for easy installation and long-lasting, maintenance-free performance

- Stainless Steel construction
- Maintenance-free: no lubrication required
- Designed for durability in harsh environments

Safety First

Installation should only be performed by qualified personnel. For safety, we recommend mounting the pivot at ground level before erecting the pole. Always follow site-specific Work Health & Safety (WHS) regulations.

Any queries

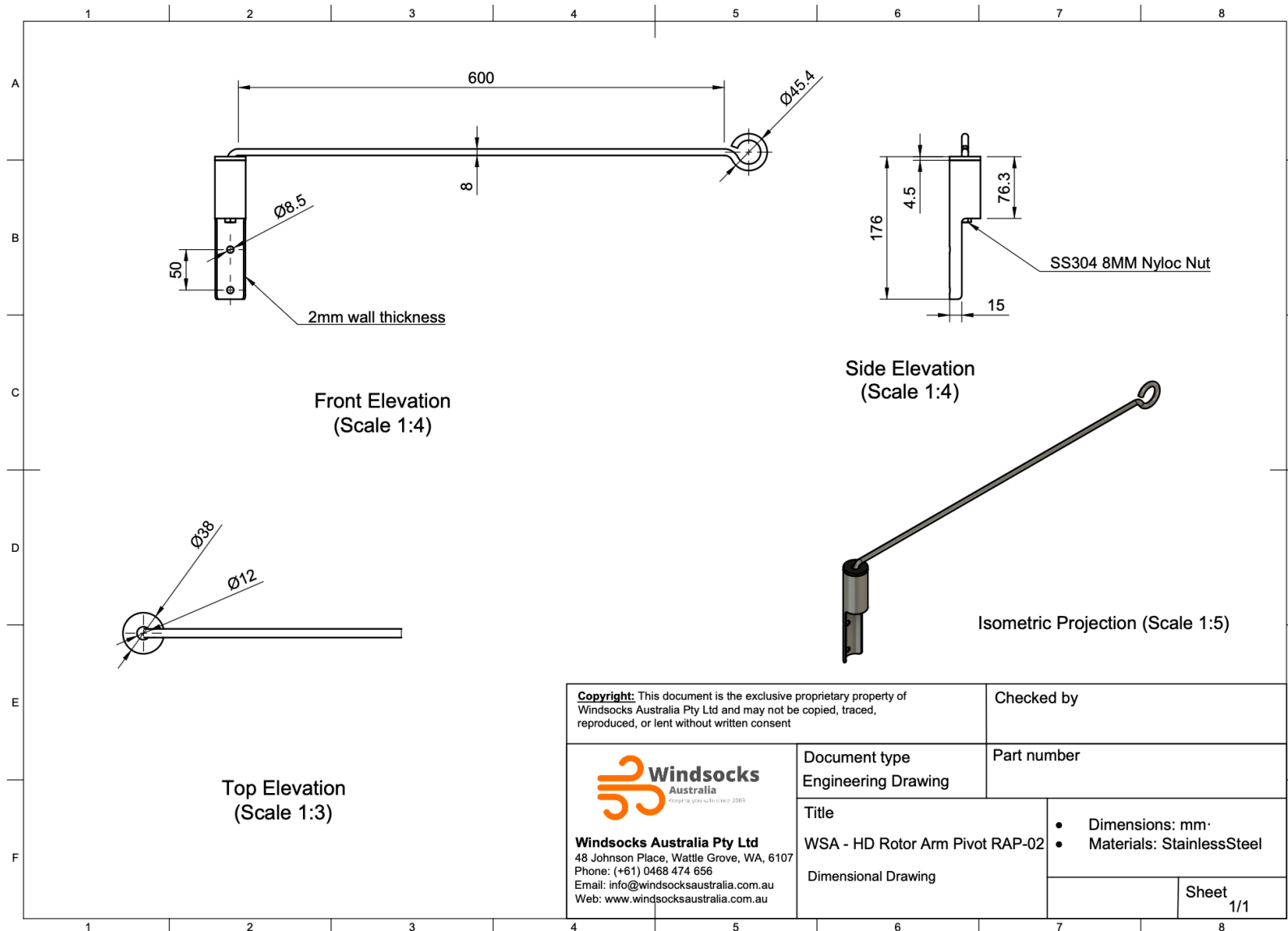
Please direct any queries that arise during installation to Windsocks Australia.



Installing the Rotor Arm Pivot (RAP-02)

- 1. Drill Holes:** Drill two 8.5mm holes at the top of the pole:
Top Hole: 10mm from the top of the pole; Bottom Hole: 50mm below the first hole. If available, install a plug at the top of the pole to limit water ingress
- 2. Mount Pivot:** Use M8 stainless steel bolts to secure the pivot. Place M10 nuts between the pivot and the pole to act as spacers, which prevents crushing the frame when tightening.
- 3. Secure Nuts:** Fasten with Nyloc nuts until 'snug tight'. Do not over-tighten
- 4. Finish:** Check that the arm rotates freely. Cut any excess bolt length and file it smooth to prevent snagging the windsock.
- 5. Attach Windsock:** Attach the windsock to the arm using the clip on the bridle harness before raising the pole.
- 6.** The Rotor Arm rotates within a HDPE plastic sleeve and does not need lubrication

WINDSOCKS | RAP-02 Rotor Arm Pivot - Engineering Drawing



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Windsocks Australia Overview

Our aim is to be the leading supplier of Quality Windsock solutions in Australia and the Asia Pacific region.

Founded in 2003, Windsocks Australia is the premier specialist commercial & industrial Windsocks manufacturer in Australia. Handcrafting our products 100% in Australia using the best materials to ensure the highest quality standards.

We have delivered thousands of aviation, commercial and industrial windsock solutions throughout Australia, New Zealand, Papua New Guinea and the Asia Pacific.

Benefit from our knowledge to assist in getting the right windsock solution for your requirements.

Our success is built on a reputation for:

- High-quality products
- Extensive product knowledge
- Competitive pricing
- A commitment to innovation
- Dedication with excellent customer service
- Strong relationships with reputable manufacturers



Proud supplier to Shell Prelude's Offshore FLNG Browse Basin

Windsocks Australia Pty Ltd. For more info contact us on info@windsocksaustralia.com.au or call on +61 (0) 468 474 656

windsocksaustralia.com.au

Windsocks Australia: Product Range

Windsocks

We specialise in manufacturing and supplying premium Windsocks designed to provide indicated wind direction and speed.

Our Windsocks are made from the most durable materials and can withstand harsh weather conditions. They are available in various sizes and colours to suit different applications. Beware cheap imitations.

Windsock Poles & Mounting Hardware

We offer a range of Windsock poles and mounting hardware, including galvanised steel mid and base hinging poles, brackets, and clamps. Our products are designed for easy installation, safe operation and long-lasting performance.

Windsock Frames & Rotor Arm Pivots

We provide high end Windsock frames and Rotor Arm Pivots constructed entirely from stainless steel.

Customisation

We understand that different industries have unique requirements. Therefore, we offer customisation services to tailor Windsock assemblies to the specific needs of our customers.



Tried and tested over many years. The highest quality Windsocks available



High end, stainless steel frames and pole adaptors, including customised fabrication



CASA compliant Illuminated Wind Direction Indicators (IWDI) used for night time operations at airports and helicopter landing sites



Mid and base hinging poles, providing safe and cost effective solutions - eliminating the need for elevated work platforms

Windsocks Australia: Expertise & Industry Focus



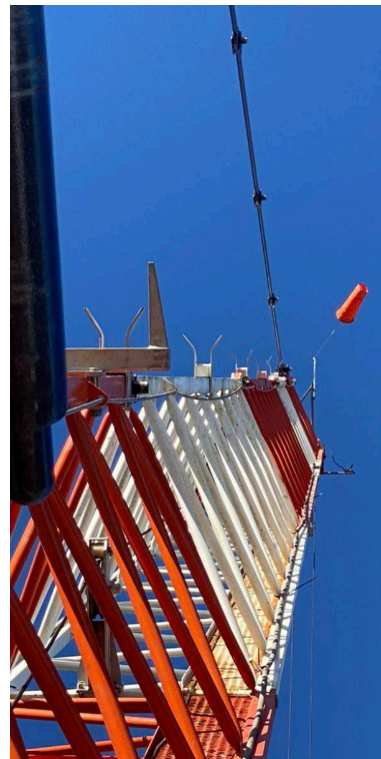
NSW Health - retro fit HLS IWDI
Windsock assembly - North
Coast, NSW

Aviation: Our Windsocks are compliant with CASA Regulations and play a critical role in providing wind direction information for airports, helipads and airstrips, ensuring safe takeoffs and landings.



Kemerton - Lithium processing
plant - Bunbury, WA

Mining, Resources, Industrial: We understand the unique challenges faced by these sectors. Our windsocks help improve safety during operations by providing real-time wind information in hazardous environments.



As seen on cranes around the
Sydney skyline - Sydney, NSW

Construction & Infrastructure: Our windsocks are used on construction sites and infrastructure projects to assess wind conditions for dust control, crane operations, and other movements ensuring worker safety and optimal.



Shell Prelude - FSPO - Browse
Basin - 475km north-north east
of Broome, WA

Oil and Gas: We supply anti-static windsocks and related products to oil and gas facilities, helping to ensure safe operations and adherence to strict safety protocols.



Flotel Endurance, offshore
accommodation vessel -
Various Locations

Marine & Offshore: Our windsocks are utilised in marine and offshore environments to provide wind direction guidance for vessel navigation, offshore platforms, and port operations.