

RAP-02 HD Rotor Arm Pivot

Stainless Steel Rotor Arm Pivot & Installation Procedures

DATA SHEET

PRODUCT RAP-02 HD Rotor Arm Pivot	MATERIAL Stainless Steel	MOUNTING Pole-Mounted (M8 Stainless Steel Bolts)	MAINTENANCE Maintenance-Free (HDPE Sleeve, No Lubrication)
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The Product



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

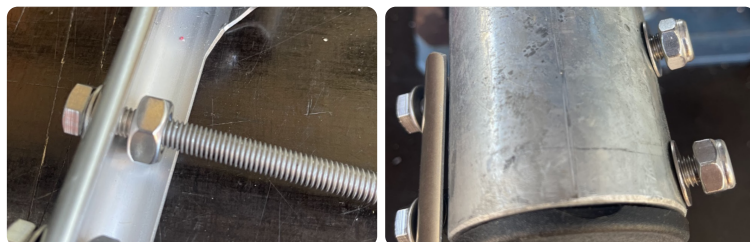
The Rotor Arm rotates freely within a HDPE plastic sleeve and does not require lubrication, making it ideal for remote and harsh environments where ongoing servicing is impractical.

Key Advantages

- Stainless Steel construction throughout
- Maintenance-free: no lubrication required
- Designed for durability in harsh environments
- Free-rotating arm within a HDPE plastic sleeve
- Simple installation using standard hand tools

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.



Product at a Glance

SS304

Stainless Steel

600mm

Arm length

Nil

Lubrication required

M8

Mounting bolts

Design Specifications

Component	Specification
Arm Length	600mm
Arm Tube	8mm SS304
Mounting Holes	2 x Ø8.5mm, 50mm apart
Swivelling Base Mount	Ø38mm, however, fits on all size poles with some simple spacers as illustrated
Fasteners	M8 Stainless Steel bolts, SS304 Nyloc Nuts
Material	Stainless Steel throughout

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; bottom hole 50mm below the first. 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, preventing crushing of 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 smooth to prevent snagging the Windssock.
5. **Attach Windssock:** Attach the Windssock 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.

Why Windssocks Australia?

- Australian Made & Owned - specialist Windssock Manufacturer
- High-quality products backed by extensive product knowledge
- Competitive pricing and a commitment to innovation
- Dedication to excellent customer service
- Strong relationships with reputable manufacturers

Any Queries?

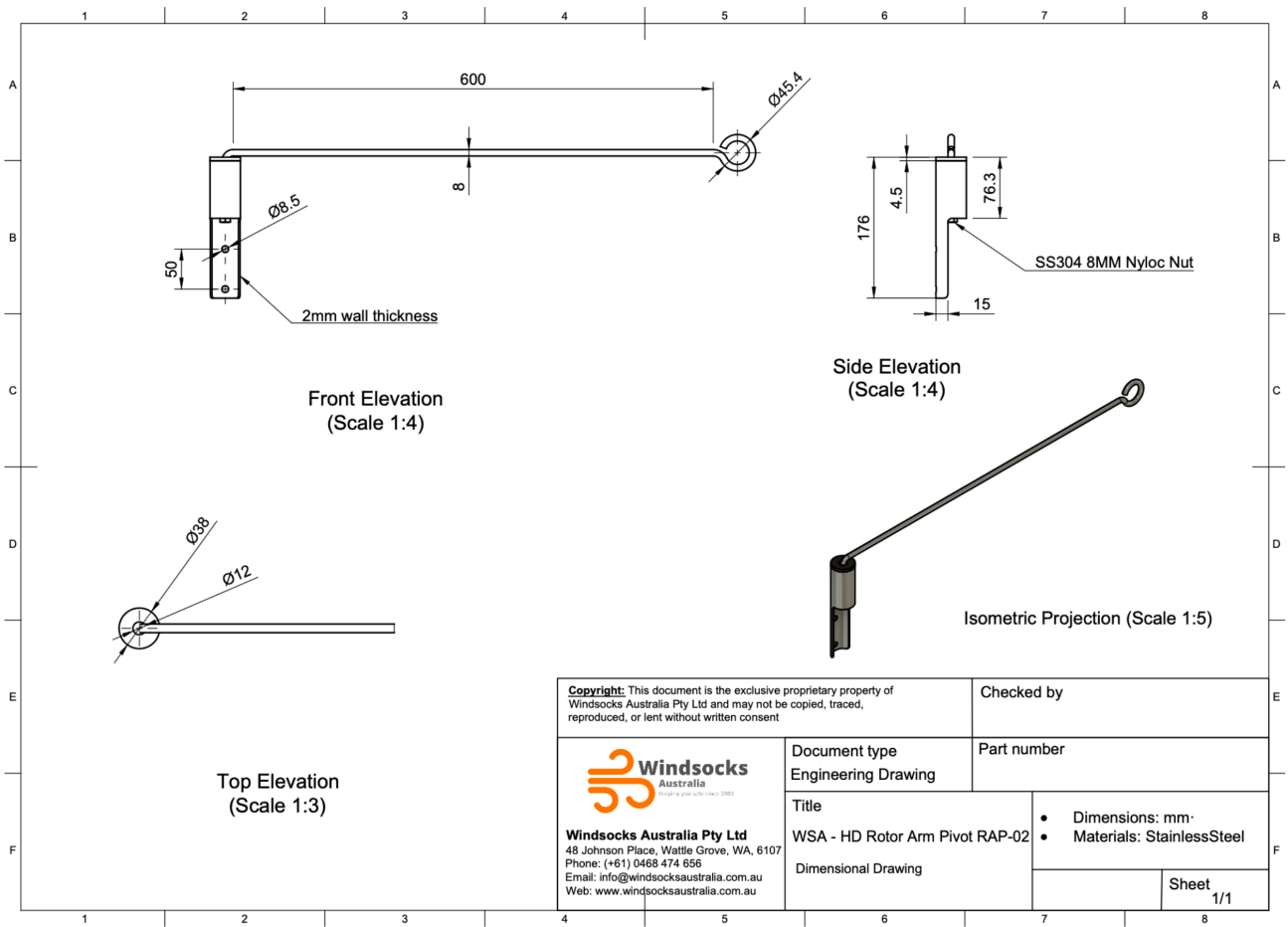
Please direct any queries that arise during installation to Windssocks Australia.

windssocksaustralia.com.au | info@windssocksaustralia.com.au | +61 468 474 656

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Engineering Drawing - Dimensional Reference

DATA SHEET



All dimensions shown in millimetres (mm). Material: Stainless Steel throughout. Refer to page 1 for installation instructions and safety information.