

RAP-02 HD Rotor Arm Pivot

High-end 304 Stainless Steel Windsock mounting solution - maintenance-free, no lubrication required

DATA SHEET

PRODUCT RAP-02 Rotor Arm Pivot	MATERIAL 304 Stainless Steel	MAINTENANCE Zero lubrication	DESIGN LIFE 10+ years
--	--	--	---------------------------------

Product Overview

The RAP-02 Rotor Arm Pivot is a high-end, heavy-duty Windsock mounting solution constructed entirely from 304 Stainless Steel. Designed for easy installation and long-lasting, maintenance-free performance, the RAP-02 rotates within a HDPE plastic sleeve and requires zero lubrication throughout its 10+ year design life.

Key Features

- Full 304 Stainless Steel construction for maximum corrosion resistance
- Maintenance-free - no lubrication required at any time
- Rotates within a precision-milled HDPE plastic sleeve
- Designed for durability in the harshest environments
- Simple 6-step installation process
- 10+ year design life with zero ongoing maintenance

Installation Procedure (6 Steps)

- Drill two 8.5mm holes at the top of the pole: top hole 10mm from the top, bottom hole 50mm below. Install a plug to limit water ingress
- Mount Pivot using M8 stainless steel bolts. Place M10 nuts between pivot and pole as spacers to prevent crushing
- Fasten with Nyloc nuts until snug tight - do not over-tighten
- Check that the arm rotates freely. Cut any excess bolt length and file smooth to prevent snagging
- Attach Windsock to the arm using the clip on the bridle harness before raising the pole
- Rotor Arm rotates within a HDPE plastic sleeve - does not need lubrication



Product at a Glance

304 SS

Construction

0

Lubrication needed

10+ yrs

Design life

6 step

Installation

Safety Note

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.

Technical Specifications

- Material: Full 304 Stainless Steel construction
- Rotation: HDPE plastic sleeve bearing - zero friction
- Mounting: M8 SS bolts with Nyloc nuts
- Maintenance: None required - no lubrication
- Design Life: 10+ years
- Compatibility: All WSA Windsock assemblies
- Windsock Attachment: Via bridle harness clip

Included Components

- RAP-02 Rotor Arm Pivot (304 SS)
- M8 Stainless Steel mounting bolts
- M10 spacer nuts
- Nyloc securing nuts
- Full installation documentation

Why Windsocks Australia?

- Australian Made & Owned - specialist Manufacturer since 2003
- Full Engineering support, Certification & Compliance documentation
- Dedicated product range for Mining, Construction & Remote sites
- Responsive technical support & national logistics capability
- Proven track record with Tier 1 operators across all major industries

About Windsocks Australia

Australia's leading manufacturer of industrial Windsock systems. Designed, engineered and assembled in Australia for the harshest environments - from offshore platforms to remote mining and LNG facilities.

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