

### Safeload Balance Mechanism Assembly



The balance mechanism is manufactured in stainless steel which ensures excellent corrosion resistance and inherent strength and durability.

Balance adjustment is controlled by gas springs, which are considered a safer and more reliable option than compression springs. A limiter bolt is incorporated as a failsafe to protect the loading arm from damage in the unlikely event of gas spring de-pressurisation.

For ultimate installation flexibility, the balance mechanism can be configured to suit a top or bottom fuel supply as well as left or right orientation.

Please see below for details about Safeload swivel assemblies.

**Part Number :** 94/7000

### Safeload Base Swivel Assembly



The base swivel assembly incorporates a superior 3-seal and dual needle/dual ball race bearing combination for maximum axial and radial strength and performance. The specialist PTFE primary seal is rated to 400 BarG, so is less prone to extrusion and splitting in high-pressure operating conditions. It is highly resistant to deterioration caused by product contact and affords the operator low-friction ease of movement. PTFE secondary and tertiary seals protect the swivel mechanism from dirt ingress, ensuring a long-lasting and hard-working installation.

The base swivel also features a “swivel stop” device to prevent radial over-rotation and collision with adjacent loading arms.

An integral earth system ensures electrical continuity, eliminating the need for separate earth wiring.

**Part Number :** 94/7015

### Safeload Intermediary Swivel & Coupler Swivel



As a superior safety feature, all swivels contain an integral earth system, unique to the Safeload design, that ensures electrical continuity and eliminates the need for separate earth wiring.

Intermediate and coupler swivels are available in stainless steel or aluminium. A variety of spools and drop hoses are available and the coupler swivel has the option of a ball-end or D-style handle.

All swivel/pipework flanges have industry standard drilling patterns to be compatible with existing terminal installations.

**Intermediate Swivel Part Number**

Stainless steel - 94/7125

Aluminium - 94/7025

**Coupler Swivel Part Number**

Stainless steel - 94/7120

Aluminium - 94/7020