

Apex Kingpin Hinge Arm



Innovation that preserves the longevity of trough valves

Kingpin is a hinged trough valve arm designed for installation on Apex trough valves.

It allows livestock to have access to the trough without sustaining damage.

The patented hinge design allows the float to return to centre after contact to maintain valve function.

Components

Self-centring arm assembly absorbs stock interference.

Can be bent to adjust water level.

Retrofits existing valves and floats.

For top and Side entry installations.

Stainless Steel - with the strength of brass.

Available for 69/72, AP/AB and Xcess/Ultraflo Trough Valves.



For more information on this product scan the QR code or visit hydroflow.co.nz



Hinge Arm Installation Instructions

Kingpin is available in three different sizes. To ensure correct performance, confirm you have purchased the right Kingpin hinge arm for your valve.

To make selection easy, the packaging of the Hingearm is colour-coded to the packaging of each valve:

- 69/72 – **Orange**
- AP/AB – **Yellow/Green**
- Xcess/Ultraflo – **Dark Green**

If the packaging is no longer present you can confirm the Kingpin variant by looking at the stamp on the arm, near the hinge.

Installation

Installation of the Kingpin arm is easy:

1. Remove the split pin and pull out the old trough arm
2. Insert the Kingpin arm in the correct orientation with the nut pointing up (see below)
3. Reinsert the split pin to fix the arm

To function correctly, the Kingpin hinge arm needs to be installed in a particular orientation. The arm must be installed with the retention nut pointing upwards, as shown in the diagram below.

