

Accumin™ Automatic Lubricators for Isogate® Knife Gate Valves

Technical Specifications

WEIR

Minerals

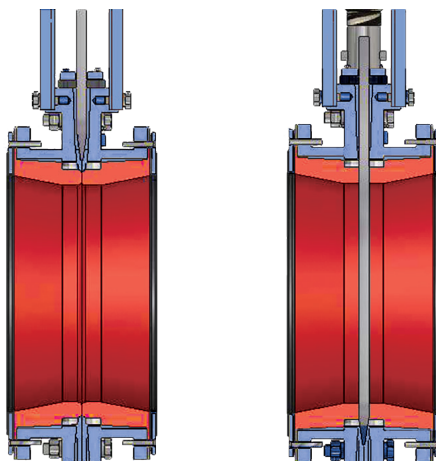


Isogate® knife gate valve fitted with Accumin™ lubricators

A push through knife gate valve operates by pushing a blade between two engineered rubber sleeves. The action of the moving blade creates both heat and friction, which can cause premature rubber failure. To maximise the sleeves and valve performance friction must be reduced.

An efficient way to achieve this is to lubricate the rubber each time the valve strokes. Accumin™ lubricators store the grease in the upper seal, which then deposits onto the blade when it moves through the sleeves. The lubricated sleeves reduce friction and heat, thereby assisting in prolonging sleeve life.

Accumin™ lubricators ensure the grease is continually delivered to the top seals, so that your valves are always lubricated with the correct amount. This ensures maximum sleeve life and optimum performance – without the need to undertake costly manual labour.



Valve open

Valve closed

Benefits

Accumin™ lubricators are designed to:

- Improve valve reliability
- Help prevent unplanned downtime and reduce maintenance costs
- Reduce demand on manual labour
- Increase personnel safety by reducing the time spent in hard-to-access and potentially dangerous areas

Features

- Utilising latest technology in Single Point Lubricators
- Consistent, measured lubricant automatically delivered to vital points of equipment

Sizes /Availability

- Accumin™ automatic lubricators come in four sizes and two drive configurations, ensuring they are ideal for use in a variety of situations.
- Ideal for use on Isogate® knife gate valves, and is also suitable for most grease-lubricated rotating equipment such as Warman®, Multiflo®, Hazleton®, Lewis® and GEHO® pumps, Aspir™ centrifuges.

Accumin™ Valve Lubrication Kit

Accumin™ mounting kits come with all necessary fittings to fit up any Isogate® Valve.

Kits include lubricator covers and manual purge kits for each lubrication point, as well as a range of commonly required fittings and high quality 3/8" internal diameter hose with push-lock-type swivel hose end fittings.

Accumin™ lubricators can be mounted directly on the Isogate valve or remotely mounted with hydraulic hoses coupling to the grease points. The location is dependent on the space available and accessibility to change the cartridge.

A range of installation kits is available.

Installation kit pictured below: WA250E-KV2 - the two-point installation kit for the Accumin™ lubricator 250E. This kit features a range of stainless steel reducer and elbow fittings to suit most valve variations.

Accumin™ Valve Lubrication Mounting Kit Components	Qty
Accumin™ Lubricator 250E Drive	2
Bracket 2 Point C-Section	1
Support Flange For Accumin™ Lubricator 250E 1/4" BSP	2
Cover Clip For Heavy Duty Lubricator Cover	2
Heavy Duty Protective Cover For Accumin™ Lubricator 250E	2
Manual Purge Assembly 1/4" BSP	2
Beam Clamp Spares Set For Accumin™ Lubricator 250E/500E Installation Kit	1
Hose Single Synthetic Braid 3/8" ID	4m
HoseTail 3/8" ID Hose - 9/16" JIC F Swivel	4
Adaptor Nipple 9/16" JIC M - 1/4" BSP M	2
Plug 1/4" BSP F	2
Penrite® Rubber Grease Red	250ml
Elbow Adaptor 90 Deg 9/16" JIC M - 1/8" BSPT M	2
Elbow Adaptor 90 Deg 1/4" BSP F - 1/4" BSPT M	2
Elbow Adaptor 45 Deg 1/4" BSP F - M8x1.0 M	2
Elbow Adaptor 45 Deg 1/4" BSP F - M6x1.0 M	2
Adaptor Compact 1/4" BSP F - 1/4" BSP M	2
Adaptor Compact 1/4" BSP F - M12x1.5 M	2
Adaptor Compact 1/4" BSP F - M10x1.25 M	2
HoseTail 3/8" ID Hose - 9/16" JIC F Swivel	2
Adaptor Nipple 9/16" JIC M - 1/4" BSP M	2



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