

# New Iris Diaphragm valve



Britton Procol Valves have extended their range of Bulk Solids Valves with the introduction of an Iris Diaphragm Valve.

There are two versions of Iris Valves; 'SL' for the outlets of IBC's and 'DL' for 'in-line' applications. Both types may be manually operated and the 'DL' is also available pneumatically operated.

The valves are manufactured in either cast aluminium alloy or stainless steel, with a polyurethane coated nylon sleeve as standard.

Sizes are available from 100mm to 300mm as standard but sizes up to 450mm can be offered.

If you require a quotation contact [sales@britton.dowsongroup.com](mailto:sales@britton.dowsongroup.com)

# Rotary Valves the size of a car

Britton Procol Valves have recently completed a contract from a leading cement manufacturer to supply two large Rotary Valves for installation beneath filter hoppers.

The valves were required to handle shredded packaging which was to be used as fuel to dry cement in tube mills.

The packaging was extremely light and fluffy making it a difficult product to handle. Rotary Valves from several manufacturers had been tested but without success.

Britton Procol Valves found that the existing valves became blocked when the material held up in the rotor pockets.

Having gained wide experience in handling this type of difficult product, Britton Procol recommended large diameter rotors with scalloped pockets to ensure the material would

discharge effectively.

The valve bodies were fabricated in mild steel and fitted with flexible blade rotors driven by geared motors direct coupled to the rotor shafts and flange mounted from the valve endplate. The large scalloped rotor pockets and slow valve speed eliminated product hang up resulting in improved feed rates and chocked filter bags.

Initially two valves were supplied for testing and following successful trials two more have now been ordered.

Britton Procol Valves have over 30 years experience in the design and manufacture of solids handling equipment and are able to offer customers bespoke equipment suitable for the majority of applications, along with our standard range of products at extremely competitive prices.

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