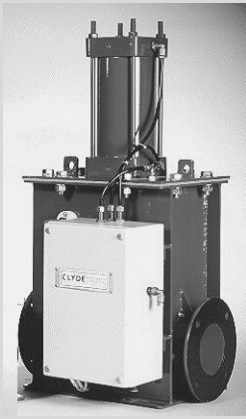




CLYDE

Pneumatic Conveying



Dump Valve

Pneumatic Bulk Solids Handling

Document No. CPC-INF-2200

The Clyde Dump Valve enables a number of hoppers or silos to be fed in series. It has two operating conditions either 'dump' or 'by-pass'.

One Dump Valve is installed at each delivery point in the line, except the last one which is fitted with a Terminal Box.

Each delivery point will either be targeted or by-passed depending on the instructions from the automatic control system.

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ISO9001 | ISO9001

British Engineering

Key Features

Low Profile

A low profile ensure tangential entry into the silo keeping pipelines low and supports to a minimum

Guaranteed Actuation

A heavy duty pneumatic air cylinder ensures valve position is maintained

Replaceable Wear Parts

Deflector plate is replaceable when worn

Nominal Bores

DN50 - 500mm

Heavy Duty Construction

Cast Iron Deflector plate

Benefits

Low Installation Height

Tangential entry makes inspection hatch easily accessible

Extremely Reliable

Internals constructed from heavy cast iron and fitted with heavy duty air cylinder gives a long life expectancy

Fully shop assembled

Pre-piped to pneumatic control panel in the factory to reduce site installation time

Multiline Configuration

Due to its compact size it is easy to install multiple Dump Valves into a small silo surface area



Custom Features

Defector Plate Linings

Available with either Ni-hard or Ceramic Linings for abrasive materials and improved reliability

Positional Indication

Limit or proximity switches can be fitted to provide positional indication to the control system