



DAB Valves
(A division of John King Chains Limited)

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Controlling the flow
of your material,
with **guaranteed quality**
and **assurance.**



SLIDE VALVES | BUTTERFLY VALVES | GRAVITY FLAP DIVERTER VALVES | DAMPERS | AIRLINE CONVEYING DIVERTER VALVES | SPECIALITY VALVES | DROP OUT BOXES

DAB Valves,

leading the way in **British designed**, engineered and manufactured **Valves** for the materials and solids bulk handling industry.

With over 40 years industry expertise, and a global customer base of prestigious clients in multiple industry segments, covering a vast area of applications.

- **BS ISO 9001:2015** accredited.
- In house design, engineering and manufacturing at our **UK headquarters**.
- **DAB Valves technicians on hand to advise** on Valve selection for uprating Valve performance in existing and new applications.
- Wide selection of Valve sizes and types including: **Slide Valves, Butterfly Valves, Dampers, Gravity Flap Diverter Valves, Airline Conveying Diverters, Double-Dump Valves, Rod Gates and Core Slides.**
- **Over 40 years** application and industry expertise.
- **Used for the control of flow or isolation/maintenance** of small hoppers, chutes, vessels, rotary valves and screw feeders.
- Specialists in a range of light to heavy bespoke valves including **ATEX versions**.



The acquisition of **DAB Valves Ltd** by the **John King Group** in 2023, provided further proof of the groups ambition in designing, engineering and manufacturing holistic material handling solutions to its global customer base.

Delivering added value with cost effective solutions. Driven through innovation, proficiency, reliability, best service and customer care and British manufacturing.



Over **40 years**
of **high quality British manufacturing**
and **Engineering expertise**.

DAB Slide Valves

Ensuring good shut-off and control of your material flow, whether for operational use or for maintenance purposes.



- **Construction:** Robustly constructed for light, medium or heavy-duty applications.
- **Controls:** Variety of controls, working to your preference; pneumatic, push/pull, handwheel, motorised, hydraulic.
- **Material:** Designed to suit the specific environment; Mild steel, stainless steel or composite specials.
- **Finish:** Aesthetically pleasing finishes to suit the environment; Powder coated/wet painted, natural, bead blast, polished or custom.
- **Plate Seal:** Gland or DRF designs with appropriate packing to suit the application.
- **Short-Stop:** Innovative 'slide plate short-stop' to ensure material build up is avoided.
- **Slide Plate:** Designed to suit your application; square or knife edged.
- **Support studs:** These are from low friction PETP, mild steel or stainless steel, shouldered to control the slide plate and round to give point contact and allow the material to be swept away and so avoid build up.
- **Inlets:** Designed around your system directives; Square, round, or rectangular.
- **Outlets:** Designed around your system directives; Square, round, or rectangular with optional transition piece to round flange or stub.
- **Bespoke:** Customised to your design & construction for the specific application.
- **Typical Duties:** Bin, hopper and silo isolation, screw feeder & conveyor shut-off, in-flight catchments & weighing applications.
- **Deflectors:** Bespoke to your requirement. Vertical as standard, with no obstruction, hang-up or wear areas exposed to the product flow or inclined where a common inlet and outlet size are essential.
- **Safety:** Available in ATEX, for added safety in applications that offer potential dusty hazardous environments.



DAB Gravity Flap Diverter Valves

Extensive range of Gravity Flap Diverter Valves to meet the requirements of re-routing material from one discharge point to another. **DAB Valves design and engineering expertise** is perfectly placed to deliver a customised solution to suit the application.



EVEN LEG STYLE

Symmetrical legs at a standard off-set of 40 degrees to the vertical. Custom angles are available as determined by the product characteristics.



ODD LEG STYLE

Straight through leg and an off-set leg typically at 40 degrees. Custom angles area available to suit the application.

Key Features:

- ➔ **Construction:** Robustly constructed for light, medium or heavy-duty applications.
- ➔ **Controls:** Variety of controls, working to your preference; Hand lever, chain wheel, electro-pneumatic or motorised.
- ➔ **Material:** Designed to suit the specific environment; Mild steel, stainless steel or composite specials.
- ➔ **Finish:** Aesthetically pleasing finishes to suit the environment; Powder coated/wet painted, natural, bead blast, polished or custom.
- ➔ **Inlets:** Designed around your system directives; Square, round, or rectangular.
- ➔ **Outlets:** Designed around your system directives; Square, round, or rectangular with optional transition piece to round flange or stub.
- ➔ **Flap Plate:** Available in Mild steel or stainless steel.
- ➔ **Flap Seal:** Designed to give an effective seal using white f/q rubber, silicone rubber or polyurethane.
- ➔ **Bespoke:** Customised design & construction for your specific applications.
- ➔ **Options:** High temperature, positive pressure and vacuum versions are available.
- ➔ **Typical Duties:** Free falling product diversion, diversion of differently specified materials, rejection of out of specification or contaminated product, diversion during maintenance, diversion to alternate fill positions for greater filling efficiency.
- ➔ **Safety:** Available in ATEX, for added safety in applications that offer potential dusty hazardous environments.

Extensive Portfolio of Valve Models

Extensive range of Valves to meet the requirements of your overall application. **DAB Valves 40 years of industry expertise** makes them the perfect partner for controlling your material flow.

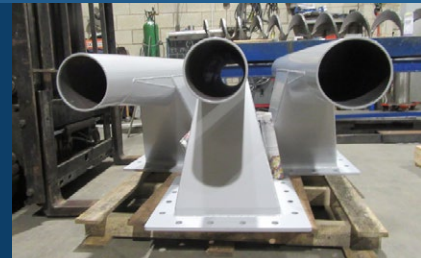


DAB Butterfly Valves

The perfect solution for regulating your material flow. A disc in the centre of the valve, positioned perpendicular to the flow in the closed position. To be fully opened it is rotated one quarter of a turn, to become parallel to the flow.

DAB Drop Out Boxes

Flanged or plain ended drop out boxes, introducing the material to the blowing line efficiently without the risk of degradation or contamination.



DAB Airline Conveying Diverter Valves

Expertly designed to divert the flow of materials in a conveying line, from one inlet to two or more outlets.

DAB Core Slides

Using counter rotating quadrant plates, The DAB Core Slide is the robust answer for controlling and centralising the discharge of difficult materials.



DAB Dampers

The DAB Damper is ideal for the control and shut-off of blown clean or dust laden gases at high or low temperatures.



FM 77342
ISO 9001

