

The image features a large, detailed close-up of a stainless steel industrial valve on the left side. The valve has a circular opening with a central vertical stem and a handle on top. The background is a faded, light-colored industrial facility with tall towers and pipes. A red horizontal bar runs across the top of the image, containing the Warex Valve logo and text.

 **WAREX[®]**
VALVE

Powder and Bulk Technology



WELCOME TO



The Company

Since more than 40 years we are manufacturing shut-off valves of highest quality which are installed successfully in various industrial, chemical and process plants worldwide. Decades-long experience in application-oriented-development, the reliability of our products combined with competent service are the reasons that highly ambitious clients consider our company as a paragon in terms of quality. Our company is certified according to DIN ISO 9001.

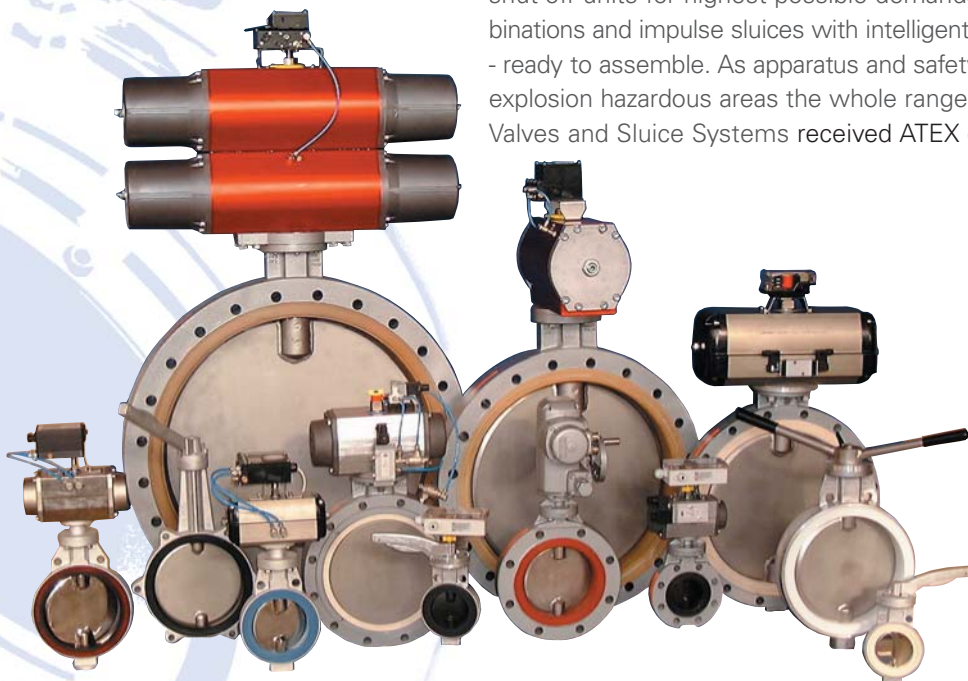
Our Philosophy

Realizing design features according to users' experiences and feedback of plant builders, application-oriented-development of new – and further development of existing shut-off valves and units are our main goals. Future-oriented motivation, readiness of staff for innovations, as well as high quality demand with regard to our products combined with customer satisfaction are the fundamental characteristics of our company philosophy.

“Good is not good enough– a maximum of quality is our commitment.”

Range of Services

Butterfly Valves for all kinds of applications, as shut-off or regulating device, handling different media under pressureless, pressurized or vacuum conditions. Butterfly valves with hand lever for applications of ‘minor importance’ are belonging to our range of products as well as valves for safety areas or even shut-off units for highest possible demands, valves combinations and impulse sluices with intelligent steering units - ready to assemble. As apparatus and safety system in explosion hazardous areas the whole range of Butterfly Valves and Sluice Systems received ATEX certification.





WAREX[®] Powder and Bulk Technology VALVE

DKZ 110



DKZ 110 Tight shut-off Butterfly Valve in wafer type execution for installation between flanges according to DIN 2501 and ANSI Class 150 with centric disc.

- Light series for differential pressures up to 10 ba
- tight shut-off according to DIN 3230 BO, leakage rate 1

Nominal diameters: DN 50 - DN 600
Temperature range: - 40°C up to 200°C

- maintenance free execution
- body with high load capacity
- shaft/disc connection through multi-end
- sealing element exchangeable

Applications:

- for gases, fluids or dusty solids
- also available with ATEX type approval for Zone 0 + 20

DKZE 110 APS[®]



DE100 60 004



Tight shut-off Butterfly Valve in wafer type execution for installation between flanges according to DIN 2501 and ANSI Class 150 with eccentric disc.

- Light series for differential pressures up to 6 bar
- tight shut-off according to DIN 3230 BO, leakage rate 1

Nominal diameters: DN 150 - DN 600
Temperature range: - 40°C up to 200°C

Execution as described before but with special wear resistant, pressurized sealing element APS[®] on easy replaceable support ring without necessity to dismantle the valve

Applications:

for extremely abrasive media like gases and fluids with high content of solids, powders, granulates and especially to manage hazardous dust explosive substances - also available as pressure surge resistant execution with ATEX certificate



DKZ 110 APS®



Tight shut-off Butterfly Valve in wafer type execution for installation between flanges according to DIN 2501 and ANSI Class 150 with centric disc.

- Light series for differential pressures up to 6 bar
- tight shut-off according to DIN 3230 BO, leakage rate 1

Nominal diameters: DN 50 - DN 600

Temperature range: - 40°C up to 200°C

- maintenance free execution
- body with high load capacity
- shaft/disc connection through multi-end
- including pressurized sealing element APS®

Applications:

for abrasive media like gases and fluids with high content of solids, bulk materials, granulates up a grain size of 5mm, as well as to manage hazardous dust explosive substances - in pressure surge resistant execution with ATEX certificate.

DKZ 110/103 ROTARY VALVE



Tight shut-off Butterfly Valve for installation between flanges according to DIN 2501 and ANSI Class 150 with centric disc.

- Light series (DKZ110) and heavy series (DKZ 103) for differential pressures up to 6 bar
- tight shut-off according to DIN 3230 BO, leakage rate 1

Nominal diameters: DN 150 - DN 400

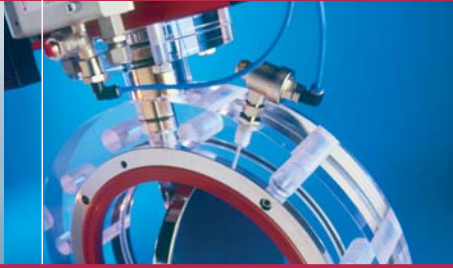
Temperature range: - 40°C up to 200°C

- Body in flange type execution with centre bore respectively through bore-hole or threaded execution.
- With exchangeable, optional wear resistant, pressurized sealing element APS®
- Shaft/disc connection through multi-end

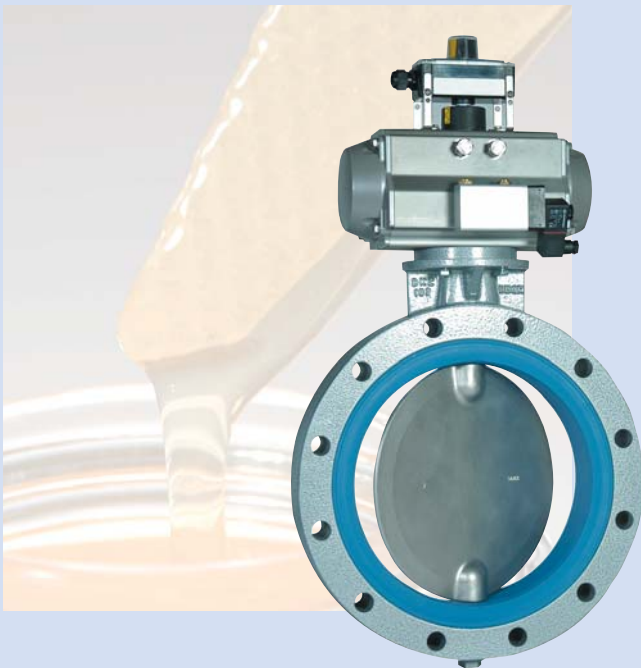
Applications:

Special valve for fine dosing plants to avoid bridging during continuous discharge and gas-tight shut-off of bulk materials and granulates.





DKZ 103



Tight shut-off Butterfly Valve in lug type execution for installation between flanges according to DIN 2501 and ANSI Class 150 with centric disc.

- Heavy series for differential pressures up to 16 bar*
- tight shut-off according to DIN 3230 BO, leakage rate1

Nominal diameters: DN 150 - DN 1200

Temperature range: - 40°C up to 200°C

Body in flange type execution with through bore-holes or threaded holes, with direct vulcanized or exchangeable sealing element. Optional available with wear resistant, pressurized sealing element APS® and heated disc ("Thermo-Execution")

Applications:

Suitable for solids, liquids and gaseous media. As special valve for substances with limited fluidity and media which are subject for bridging and which can only be handled and conveyed by using higher temperatures.

* depending on size

DKZ 105 SK / VK



Butterfly Valve, tight shut-off for all medias, especially for bulk materials for installation on silos or intermediate bulk containers. Operation by means of hand lever, sealing element vulcanized to the body, or exchangeable execution.

Differential pressure:

max. 2 bar

Nominal diameters:

DN 150 – DN 400

Execution:

Light execution (SK)

Full flange execution (VK)





DKZ 110 METALLIC SEATED



Shut-off Butterfly-/ Regulating Valve in wafer type design for installation between flanges according to DIN 2501 and ANSI Class 150, metallic seal, with centric disc.

- light series, silumin body with shrunk seat of carbon- or stainless steel shut-off execution – but not pressure tight.
- Disc installed with end stop or fully rotating

Nominal diameters: DN 50 - DN 600

Temperature range: - 40°C up to 300°C

Applications:

For shut-off service of large grained, abrasive bulk materials, for regulating service/ dosing of flow of powered substances and gases.

DKZ 110 FLUID BUTTERFLY VALVE



Tight shut-off Butterfly Valve in wafer type execution for installation between flanges according to DIN 2501 and ANSI Class 150, with centric microfilter-disc.

- Light series for differential pressures up to 6 bar
- tight shut-off according to DIN 3230 BO, leakage rate 1

Nominal diameters: DN 50 - DN 600

- maintenance free execution
- body with high load capacity
- shaft/disc connection through multi-end
- Sealing element exchangeable optional with pressurized sealing element APS®

Applications:

Particularly designed for filling processes of fine grained media with the tendency to bond by means of a pressure-impulse. Applicable as well for "gassing" of powdery media.



W-DS PRESSURE SLUICE



Butterfly Valve and Chamber System for entry / discharge of bulk materials or fluids into or off pressurized - or vacuum areas.

Execution as ready to assemble unit, optional with automation unit for aeration / de-aeration of the pressure chamber. Inlet- / outlet optional available with ATEX certified, or pressure surge resistant, flame-arresting butterfly valves with DMT-certificate.

Available ready to assemble and heatable with intelligent sequence control unit for the gas shut-off extraction of products under cyclones, vacuum dryers or dust-collectors, dust explosive hazardous areas etc.

Nominal diameters: DN 50 - DN 1200

Differential pressure: max. 6 bar*

* depending on size

W-TS IMPULSE SLUICE



Dual Butterfly Valve System for discharge and dosing of flowable, but particularly abrasive bulk materials.

Execution as closed, ready to assemble unit, consisting of:

- Inlet and outlet equipped with ATEX certified butterfly valves plus one intermediate chamber.

Equipment available with process relevant logic sequence control unit which is providing a high safety standard in plants by means of optional available pneumatic locking device even without external signal. The unit is therefore available as spark extinguishing system (incl. type approval certificate)

Nominal diameters: DN 50-DN 1200

Differential pressure: max. 6 bar*

* depending on size



RANGE OF SUPPLY



DKZ 105 BUTTERFLY VALVE

DN 150 - DN 400

Execution for bulk material and fluid containers.



DKZ 110 BUTTERFLY VALVE

DN 50 - DN 600

Light series – with exchangeable sealing element up to DN 600 or metal seated for installation between flanges acc. to DIN 2501.



DKZ 110 APS® BUTTERFLY VALVE

DN 50 - DN 600

APS-Execution (Air Pressure Sealing) ensures pressurizing of the sealing element in closed position against the disc. The contact pressure can be regulated by using a control valve.



DKZE 110 APS® BUTTERFLY VALVE

DN 150 - DN 600

APS-Execution (Air Pressure Sealing) ensures pressurizing of the sealing element in closed position against the disc. Very simple procedure to change the sealing element.



DKZ 103 BUTTERFLY VALVE

DN 50 - DN 1200

Wafer-lug type butterfly valve for installation between flanges acc. to DIN 2501. Installation between flanges according to ASA standard possible with certain restrictions – Sealing element vulcanized to the body, or metallic seated execution.

- Double eccentric Butterfly Valve „VENDEX“
- Ball Valves
- High-Temperature Throttle Valves
- Rotary-VALVES
- Pressure Sluices, Chamber Sluices
- Pinch Valves

EN ISO 9001



Certified Company

