MK Power Equipment Since 2006 — European quality. Priced modestly.

BUTTERFLY VALVE TECHNICAL DETAILS

Type	Picture	Manufacturing Capabilities	Apply Condition	Product Features
Ventilating Butterfly Valve		Nominal Dimension: DN100~DN6000 Nominal Pressure:PN0.05Mpa Suitable Temperature:-10°C ~600°C Connection Type: Flange Manufacturing Standard: ASME/ANSI, API, GB, JB, HG, JIS, DIN Body Material: Carbon steel, Alloy steel, Stainless steel.	Applied in the ventilating and gas conduit of metallurgy and petrol chemistry.	Light weight, Simple structure, good rigidity, small open torque Louver multiple spindle type with gear operated Shaft sleeve with internal and external types, shaft with seal and flexible rotation Streamline design for disc, with small flow resistance Lining and high temperature resistance types with good heat proof quality.
Butterfly Valve Centric/Eccentric/Triple-eccentric/Special Series		Nominal Dimension: DN25~DN3200 (1”~126”) Nominal Pressure:PN1.6Mpa~10.0Mpa (ANSI/ASME 150LB~600LB) Suitable Temperature:-196°C ~900°C Connection Type: ASME/ANSI B 16.5 & B 16.47 & B 16.25 Manufacturing Standard: ASME/ANSI, API, GB, JB, HG, JIS, DIN Body Material: Nodular cast iron, Grey cast iron, Cast steel,	Applied to kinds of industrial flow control and water treatment industry at large diameter and middle pressure.	Design &Manufacture acc. to API609, GB/T12238, JB/T8527, JB/T8692 Centric/eccentric/triple-eccentric design Streamline design for disc Anti-blowout stem, with multi-stage seal Flange, butt welding and wafer type are optional
Bi-directional Metal Seated Butterfly Valve		Nominal Dimension: DN100~DN3600 Nominal Pressure:PN0.25Mpa~4.0Mpa Suitable Temperature:-30°C ~200°C Connection Type: Flange, wafer Manufacturing Standard: ASME/ANSI, API, GB, JB, HG, JIS, DIN Body Material: Nodular cast iron, Alloy steel, Carbon steel.	Used to throttle or control the medium flux in the pipeline of water, sewage, construction, petroleum, chemical, foodstuff, pharmacy, textile industry, electric power, shipping, metallurgy, energy sources, etc.	Compact structure, small volume, light weight, convenience for operation. Semi-axle structure, high strong disc, big flow area, small, resistance. Double-eccentric structure, more close and more tight, with reliable sealing performance. Bi-directional sealing function, not limited by medium flow direction for installation.
Bi-eccentricity Soft Seated Butterfly Valve		Nominal Dimension: DN100~DN3600 Nominal Pressure:PN0.25Mpa~4.0Mpa Suitable Temperature:-10°C ~80°C Connection Type: Flange, wafer Manufacturing Standard: ASME/ANSI, API, GB, JB, HG, JIS, DIN Body Material: Nodular cast iron, Carbon steel.	Widely used to throttle or control the medium flow in the pipeline of water, sewage, construction, petroleum, chemical, foodstuff, pharmacy, textile industry, electric power, shipping, metallurgy, energy sources, etc.	Bidirectional seal. With the bi-eccentric sealing structure, reliable sealing performance. Seal on disk or body. Disc adopts semi-axle structure with high strength, high flow capacity and small resistance. Expansion valve flange end as optional, can flex freely or be fixed as rigidity according to the working condition.
Vacuum Butterfly Valve		Nominal Dimension: DN1000~DN3600 Nominal Pressure:PN0.25Mpa~1.0Mpa Suitable Temperature:≤200°C Connection Type: Flange Manufacturing Standard: ASME/ANSI, API, GB, JB, HG, JIS, DIN Body Material: Carbon steel, Stainless steel.	In the air cooled condenser system of power generation unit and etc.	Reliable seal without any leakage from two directions Self-lubricating bushing with small frictional coefficient. The valve shaft seal adopt self-compensating structure which make sure the vacuum Electric tracing is optional.
Butt Weld End Metal Seated Butterfly Valve		Nominal Dimension: DN80~DN1200 Nominal Pressure:PN0.05Mpa~2.5Mpa Suitable Temperature:≤400°C Connection Type: Butt weld Manufacturing Standard: Coal gas, water, vapor, air, etc. Body Material: Carbon steel, Stainless steel	Used to the pipeline of metallurgy petrochemical, thermal power plant and heating power system.	Butt welding end connection Triple-eccentricity metallic hard seat With high temperature resistant, corrosion resistance and long service time Anti-blowout stem, with multi-stage seal Flange, butt welding and wafer type are optional

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BUTTERFLY VALVE TECHNICAL DETAILS

Type	Picture	Manufacturing Capabilities	Apply Condition	Product Features
Triple Offset Metal Seated Butterfly Valve		Nominal Dimension: DN100~DN2000 Nominal Pressure: PN 0.6Mpa~10.0Mpa Suitable Temperature:-196°C ~425°C Connection Type: Flange Manufacturing Standard: ASME/ANSI, API, GB, JB, HG, JIS, DIN Body Material: Carbon steel, Stainless steel, Duplex and	Widely used to throttle or control the medium flow in the pipeline of water, sewage, construction, petroleum, chemical, foods & beverage, pharmacy, textile industry, power, shipping, metallurgy, energy sources, etc.	Full metal seat and disc, safe and erode-resistance, long service time. Sealing couple with self-compensating feature, can realize flexible operation at low and high temperature, and without any block. Adopting triple-eccentricity structure, almost no friction between seat and disc. High temperature resistance, high corrosion resistance.
Butterfly Valve for Hydropower Station		Nominal Dimension: DN500~DN6500 Nominal Pressure: PN 0.25Mpa~4.0Mpa） Suitable Temperature:≤80°C Connection Type: Flange Manufacturing Standard: ASME/ANSI, API, GB, JB, HG, JIS, DIN Body Material: Carbon steel, Alloy steel	Widely equipped at the inlet of water turbine and can be automatically operated as per procedures so that control water to connect and cut off, and can prevent water turbine from running away.	Body and disc are cast-welded and external of valve body adopt the T type strengthen structure. With an automatic locking device after full open. Double eccentric structure to reduce the weight of counterweight. Manual operating device can operate the valves when electricity is failure. Time of opening and closing valve is adjustable.
Rubber Lined Butterfly Valves		Nominal Dimension: 2 1/2" ~24" (DN65~DN500) Nominal Pressure:900#~4500#SPL Suitable Temperature:-29°C ~620°C Connection Type: Flange ANSI B 16.25/ANSI B 16.5/ANSI B16.47 Manufacturing Standard: ASME/ANSI, API, GB, JB, HG, JIS, DIN Body Material: ASTM A216、WCB/A217 WC6/WC9/C12A	Applied at petrochemical industry, metallurgy, civic building, water supply and drainage, sewage treatment etc. as reconciling or cut-off device in fluid pipelines.	Double eccentric disc design Main material ductile iron Design according to BS EN593 Face to face length acc. To BS EN558-1/ISO5752 series 14 Flange dimension and drill acc. To BS EN1092/BS4504(DIN2501) Hard rubber lined
Butterfly Valve Special for TRT Coal Dust Exhaust System		Nominal Dimension: DN300~DN1600 Nominal Pressure:PN0.25Mpa~0.6Mpa Suitable Temperature:≤350°C Connection Type: Flange Manufacturing Standard: ASME/ANSI, API, GB, JB, HG, JIS, DIN Body Material: Nodular cast iron, Grey cast iron, Cast steel,	In the medium of blast furnace coal gas which included dust, can be operated frequently and is an important part of TAT dust removal system in steel plant.	Main sealing pair of the valve adopts special materials with excellent performance of high temperature resistance, corrosion resistance, radiation resistance, solvent resistance and self-lubricating. The shaft seal adopts the structure of dust prevention.
Fast Closing Butterfly Valve Equipped Pneumatic System and Weight Hammer		Nominal Dimension: DN300~DN2000 Nominal Pressure: PN 0.25Mpa~1Mpa Suitable Temperature:≤300°C Connection Type: ASME/ANSI B 16.5 & B 16.47 & B 16.25 Manufacturing Standard: ASME/ANSI, API, GB, JB, HG, JIS, DIN Body Material: Nodular cast iron, Grey cast iron, Cast steel,	Widely applied at the outlet of blower fan or compressor in many industries such as metallurgy, mining, petrifaction, thermal power, etc. It also can prevent the return of medium and perform the functions as non-return and fast emergent close so as to protect the safety of blower fan and pipelines system.	Triple-eccentricity metal sealing. With small operation torque, little wear, high accuracy sealing. The emergent close can be fast and reliable(≤1s) assisted with air cylinder and counterweight. It can realize the remote control. Design of closure damper at terminal.
Butterfly Valve for Pumping Station		Nominal Dimension: DN300~DN3400 Nominal Pressure: PN 0.25Mpa~2.5Mpa Suitable Temperature:≤80°C Connection Type: Butt weld / flange (ANSI B 16.25/ANSI B 16.5/ANSI B 16.47) Manufacturing Standard: ASME/ANSI, API, GB, JB, HG, JIS, DIN Body Material: Nodular cast iron, Grey cast iron, Cast steel,	In large and middle sized industry pipeline or pumping station such as water supply works, power plant, metallurgy, irrigation, drainage, etc. Substituting gate valve and check valve and equipped at the pump outlet and performs the functions of cutting off and no return.	It can keep the hydraulic pressure automatically, so the weight hammer won't drop. The valve won't twitter. Small flow resistance coefficient. Closing procedure involves fast and slow closing stages, can eliminate water hammer. It can realize the local control, remote control and interlock motion between pump and valve.

BUTTERFLY VALVE TECHNICAL DETAILS

Type	Picture	Manufacturing Capabilities	Apply Condition	Product Features
DDF Cryogenic butterfly valve		Ask for info	Ask for info	Ask for info