

KE – Centred-disc Butterfly Valve, Plastomer or Elastomer Variant



KE PLASTOMER +
ACTAIR EVO + AMTRONIC U



KE ELASTOMER +
MC MANUAL GEARBOX



Applications:

- Brine electrolysis
- Chlorine production
- Semiconductor industry
- Food and beverage industry
- Pulp and paper industry
- Pharmaceutical industry
- Sugar industry
- Ultra-pure water
- Chemical and petrochemical industries

More information:
www.ksb.com/products

amri



Levers



Manual gearboxes



Pneumatic
actuators



Electric
actuators



Hydraulic
actuators



Automation

KE – Centred-disc Butterfly Valve, Plastomer Variant with PFA-encapsulated Disc, or with Elastomer Liner

1 Tight shut-off

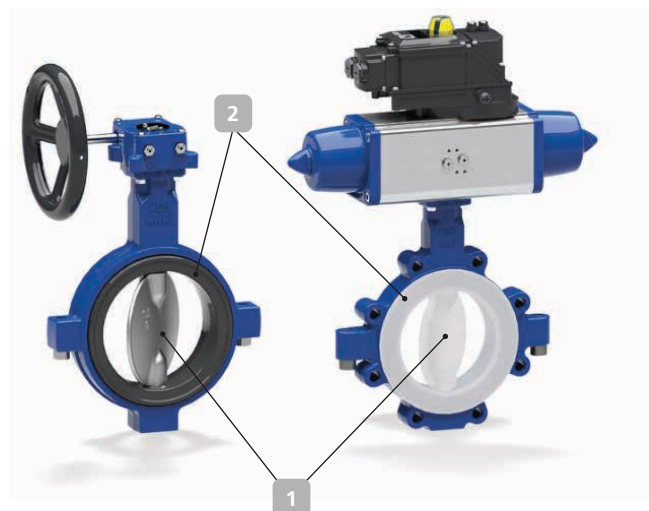
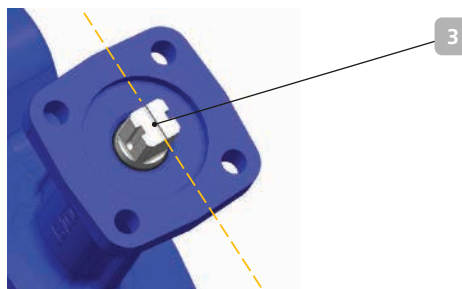
- Shaft passage sealed by contact pressure between the spherically machined valve disc and the elastomer or PFA liner

2 Long service life

- Liner developed and manufactured by KSB in France
- PFA is characterised by its high chemical resistance and low permeability.

3 High safety

- Single-piece shaft/valve disc assembly
- Blowout-proof shaft and actuating shaft
- The position of the valve disc can be seen at the square shaft end to ISO 5211.



Technical data

Nominal size	DN 40-600
Operating pressure	10 bar
Vacuum resistance	10 ⁻⁵ bar absolute
Operating temperature	-20 to +200 °C
Shaft end EVO80	ISO 5211 square end
Max. permissible flow velocity	
- for clean liquids	5 m/s
- for clean gases	50 m/s
Body type	Wafer-type body Full-lug body U-section body

Materials

Body	Nodular cast iron
Shaft and valve disc	PFA-encapsulated stainless steel, stainless steel, polished stainless steel, duplex steel
Plastomer variant	PFA liner, PFA-encapsulated valve disc or stainless steel valve disc
Elastomer variant	Liner made of EPDM, Viton®, carbo- xylated nitrile, polyethylene

Note:

Product information as per Directive 2014/34/EU (ATEX): The valves do not have a potential internal source of ignition. In accordance with ATEX 2014/34/EU, they can be used in potentially explosive atmospheres, Group II, category 2 (zones 1+21) and category 3 (zones 2+22).

Product information as per UK Pressure Equipment (Safety) Regulations 2016: The valves satisfy the safety requirements of the UK Pressure Equipment (Safety) Regulations 2016 (PER) for fluids in Groups 1 and 2.