Butterfly Valves
NE/NF & NP/NT Series

High performance solutions

Engineering GREAT Solutions
Our Butterfly Valves NE/NF and NP/NT series have excellent performance, easy maintenance and component interchangeability that provides reliability and serviceability.

**Key Features**

- Monobloc body
- Seat with rigid ring
- Split shaft with low pressure drop
- Wide range of materials

**Benefits**

- **Body**
  Wafer, lug or flange style monobloc body has been designed to ensure maximum security and reliability (proven by Finite Elements Analysis). It has an extended valve neck enabling piping isolation. The wafer-style body has in its external diameter a shaped ring that eases valve installation and centralization in the pipe flanges.

- **Disc**
  Disc has been designed to minimise pressure drop in totally open position. Sealing area is polished in the entire perimeter providing total sealing in relation to the seat and ensuring low operating torque.

- **Shaft**
  The upper shaft transmits the rotation movement to the disc by means of square drive, so, there is a system that eliminates the existence of taper pins, keys and studs removing the possibility of wear and leakage by these parts. The upper shaft is fixed to the body through a spring pin, defining the “Trunnion” system of the set, ensuring perfect alignment between body, disc and shaft.

- **Actuation**
  Allows the coupling of manual, pneumatic and electric actuators directly on the top flange that, together with the shaft complies with ISO 5211 Standard.

**Specifications**

- **Construction standard**
  API 609 A

- **End**
  Wafer / Lug / Flanged

- **Face to face**
  API 609 A
  ISO 5211
  DIN 3337

- **Dimensions**
  NE/NP: 1½" to 12"
  NF/NT: 14" to 24"

- **Ratings**
  NE/NF: 50 to 250 psi
  NP/NT: 100 to 150 psi

- **Seat**
  NBR / EPDM / Viton / PTFE / Hypalon / Neoprene

- **Materials**
  ASTM A-536 for Grade 65.45.12
  A-351 Stainless Steel for Grade CF8M / CF8
  A-216 WCB Stainless Steel
  Cast Iron with E-CTFE / Nylon / Nickel
  ASTM A-536 Cast Iron for Grade 65.45.12
  ASTM A-276 Stainless Steel for Grade 410
  Bronze Aluminium
  Duplex Stainless Steel

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