

**TECHNICAL SPECIFICATION  
TRICENTRIC BUTTERFLY  
VALVE MODEL - 97 & 97L**

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**WEIR-BDK TRICENTRIC BUTTERFLY VALVES (BDK MODEL 97/97L)**

BDK is pleased to introduce WEIR-BDK TRICENTRIC BUTTERFLY VALVES to the Indian Market.

Size Range : 3" (DN80) to 12" (DN300)  
Pressure Rating : ANSI class 150 & 300  
End Connections : Lugged Style

**SALIENT FEATURES** :

- 01) Heavy Duty Lugged Body with more than 25mm Corrosion Allowance.
- 02) Corrosion Resistant SS316 body seat.
- 03) Graphite laminated Duplex SAF2205 disc seat.
- 04) Elliptical Seat Profile.
- 05) Self centering seat design & lower operating torques.
- 06) 100% tight shut-off as per API598.
- 07) One piece ground Anti blow out stem.
- 08) Low fugitive Emission stuffing box packing in moulded Graphite with Braided Graphite Anti extrusion wiper top and bottom rings.
- 09) Low friction self lubricated stem bearings with bearing Protector seal.
- 10) Thermal expansion clearance between body seat & laminated seat.
- 11) Inherent Fire Safe Design.
- 12) Suitable for Dead End Service.
- 13) Replaceable Disc Seat; low maintenance cost.
- 14) Ideal for ON/OFF as well as Control Applications.
- 15) High Co-efficient of flow & low pressure drop.
- 16) Non-exposed Pinning of Disc-shaft connection.

**APPLICATIONS**

- 1) Thermal & Nuclear Power Plants.
- 2) Hot Combustible Gases & Exhaust Gases.
- 3) Super Heated and Saturated Steam.
- 4) Natural Gas & LPG/LNG Stations.
- 5) Petrochemicals & Refineries for Off-shore & On-Shore platforms.
- 6) Oxygen & Hydrogen service.
- 7) NACE, Sour & Hydro Carbon Service.
- 8) Thermic Fluids.
- 9) Sea Water & Desalination Plants.
- 10) Chemical and Process Industries.

PREPARED BY :

APPROVED BY :