



**BUTTERFLY VALVE DATA SHEET "50"**  
**Valve Fig. WDS3-16 Series (Wafer)**

**DESCRIPTION**

Wafer Butterfly Valve - Single piece body, W Series, Soft seated, lockable (lever operated 50mm~150mm; Gear Operated 200mm & above), Wafer ends. Size range – 50mm ~ 600mm.

**AGA Certified Size Range:** 50mm, 65mm, 80mm, 100mm, 125mm, 150mm & 200mm.

**Features:** Edge-polished disc, Low-pressure drop, Lower weight, water-tight up to 16 bar, Gaskets not required for installation, Easy to replace liners, pin-less design, Interchangeable parts, low operating torques, Packed in individual plastic bags, Quality traceable, Material marking of codes on body, disc & seats, Suitable for regulating, Open/Close with nine/ten notch positions, Lockable, ISO topworks.

**DESIGN STANDARDS**

<b>Body P/T Rating</b>	16 Bar / -15~100°C
<b>Design</b>	API 609, EN-593, ASME B16.34
<b>Face to Face Dimension</b>	EN 558 / ISO 5752
<b>Flange Connections</b>	Wafer, locating lugs suit ASME B16.5 150#, AS 2129 Table 'E' & 'D'
<b>Actuator Mounting</b>	ISO 5211
<b>Quality Codes</b>	ISO 9001, ATEX 2014/34/EU, PED 2014/68/EU

**MATERIALS OF CONSTRUCTION**

<b>Body</b>	Ductile Iron A395 Gr.60-40-18 / A395M – Rilsan® Coated; alt: WCB, CF8M
<b>Disc</b>	Stainless Steel ASTM A351 CF8M; alt:DI Coated/Halar, Al. Bronze, Super Duplex
<b>Stem</b>	Stainless Steel 1.4021 – AISI 420; alt: AISI 316, Monel K500
<b>Seat</b>	NBR (Shore Hardness A 72~75°, developed specifically for use in Gas lines); alt: Viton, Potable EPDM, High temp, PTFE + 11 other materials
<b>Shaft Seal</b>	'Chevron' seal Buna-N
<b>Bolting</b>	Stainless Steel
<b>Retention Bushing</b>	Nylon-6 Natural
<b>Lever &amp; Notch Plate</b>	Die-cast aluminium

**MATERIAL CERTIFICATION**

<b>Body/Disc/Stem</b>	EN 10 204 Type 3.1
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**TESTING - CERTIFICATION**

<b>Pressure Test, Shell &amp; Closure</b>	ISO 5208-15
<b>Operation</b>	EN 12266-2
<b>Australian Standard</b>	AS 4617 (manual shut off gas valve)
<b>AGA Certificate No.</b>	

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