

DOUBLE OFFSET BUTTERFLY VALVES

PRODUCT DESIGN DATA

Description	BUTTERFLY VALVE High Performance Double Offset Fire Safe
Design Code	API 609 / EN593
Size Range	NPS 2" - 50" / DN 50- 1250
Maximum Pressure / Rating	20 bar - 150#/ 50bar - 300#
Design Temperature	-50°C to +500°C (MOC Dependant)
Seat Leakage	Bubblight EN12266-1 rate A / Bi-directional
End Connections	Wafer / Lug
Face to Face	API609 Cat B Table 3A
Body Seat	PTFE / RPTFE / Metal

MATERIALS OF CONSTRUCTION

BODY									
Carbon Steels inc. Low Temp	WCB, LCB, LCC								
Austenitic/ Super Austenitic Stainless steels	CF8, CF8M, CF3M, 6MO								
Copper alloys	Aluminium bronze								
Duplex/ Super Duplex alloys (1A-6A)	CD3MWCuN, CD4MCuN								
Superalloys	Hastelloy® B, C, Inconel								
Nickel alloys	Monel®, Alloy 20								
Others upon request									
SHAFT	AISI 410, AISI316, 17-4Ph, Monel® K500, UNS32760, Titanium								
SEAT	PTFE, RPTFE, Inconel 625, SS316								
APPROVALS	<table border="0"> <tr> <td>API609</td> <td>ATEX</td> </tr> <tr> <td>API598</td> <td>PED – Category III</td> </tr> <tr> <td>ASME B16.34</td> <td>API 607</td> </tr> <tr> <td>BS EN593</td> <td>NACE</td> </tr> </table>	API609	ATEX	API598	PED – Category III	ASME B16.34	API 607	BS EN593	NACE
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CERTIFICATION	EN 10204 – 2.2/3.1/3.2								

MODELS

Intervalve-IVEX-T
Intervalve-IVEX-F
Intervalve-IVEX-M

DOUBLE OFFSET

A high performance butterfly valve. This valve has two stems offset from the centre. It is capable of providing accurate, stable, throttle flow control.

High-performance butterfly valves are a lower-cost valve option with benefits including high-quality to API 609, firesafe and they will seal against flow from either direction.

The double offset butterfly valve is generally used in:

- Oil & Gas
- Petrochemical
- Power Generation
- Process & Chemicals
- Water & Wastewater Treatment
- Marine

