



JHP

HIGH PERFORMANCE
DOUBLE OFFSET
BUTTERFLY VALVE



List of available certifications:



SAPAG VALVES


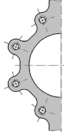
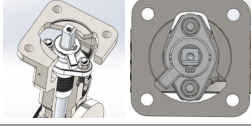
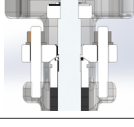

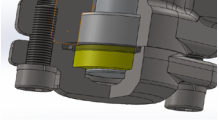

FRENCH INDUSTRIAL
VALVE MANUFACTURER

2 Rue du Marais
80400 Ham, FRANCE

+33 (0)3 23 81 43 00
info@sapag-valves.com

www.sapag-valves.com

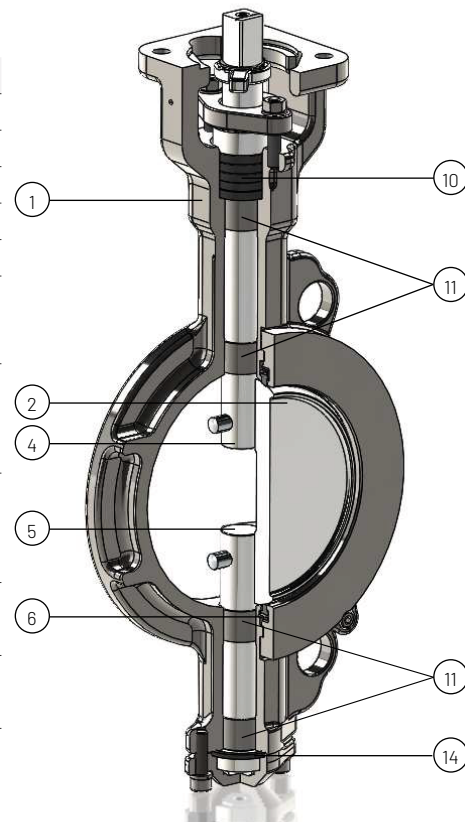


Performance	<p>The maximum pressures and temperatures depend on the pressure / temperature ratio and the nature of the fluid.</p> <p>Temperature, °C: -196 °C, -50 °C, 400 °C, 700 °C</p> <p>Pressure, bar: 0*, 40, 100 bar</p> <p>Diameter, mm: DN40, DN50, DN900, DN3000</p> <p>(* Standard vacuum resistance: 1 torr)</p>
Technology	Double Offset and Bidirectional
Body type	 Wafer  Lug
Face to Face	ISO5752 - Series 20 (Other: on request)
Design standard	EN593 / API609-Cat.B DESP 2014/68/UE compliant
Baseplate ISO5211	<p>The body-integrated bracket allows direct mounting of the actuators.</p> 
Index of position	Located outside the fluid, at the actuator mounting flange, the index limits the angular displacement of the disc to 90°. It protects the seal by preventing over-opening.
Gland follower	<p>Its design allows asymmetrical tightening.</p> 
Anti blow-out	An anti blow-out device allows the actuator to be removed safely.
Seal and Butterfly	<p>The seal and the shape of the butterfly were designed jointly to ensure:</p> <ul style="list-style-type: none"> • An excellent internal seal, • Large sealing range due to wide width scope, • Easy docking when closing to avoid material tearing off, • Easy maintenance to change the seal without disassembling the valve, • The lack of contact between the two parts when the valve is in the open position, thanks to the double eccentricity, • Very low deformation due to fluid pressure, • A high Kv flow coefficient allowing a low pressure drop at full opening.
Open bracket	The bracket design allows direct access to the gland follower without disassembling the actuator.
Long collar	Insulation of the valve is facilitated while preserving access to the gland.
Centering ears (Wafer)	They allow precise centering of the valve on the pipe.
Electrical continuity (on request)	JHP offers, on request, electrical continuity to comply with the European Directive 2014/34/EU concerning use in potentially explosive atmospheres (ATEX).
Continuous parting line	<p>The range of contact of the gaskets with the pipe flanges is continuous thanks to the eccentricity of the screws fixing the retaining ring to the body.</p> 
Guidance	<p>The valve is bi-directional thanks to 4 bearings allowing the butterfly to be perfectly guided in rotation.</p> <p>The centring ring, hot-mounted on the shaft at the cover, ensures very precise centring of the butterfly valve and allows the valve to be mounted in any position.</p> 
	<p>The Shaft-disc connection by means of non-through pins, guarantees the control of the adjustments and avoids the risk of upstream/downstream leaks.</p> 
Cover	The cover and its gasket provide a static seal, thus avoiding a dynamic seal on the axis.

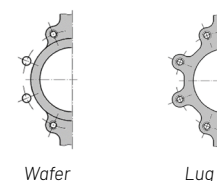
Part List

Designation	Material*			
1 Body	Carbon steel	DN50-900	1.0619 / A216 WCB	
	Stainless steel	DN50-900	1.4408 / A351 CF8M	
2 Butterfly	Carbon steel	DN500-900	1.0619 / A216 WCB **	
	Stainless steel	DN50-900	1.4408 / A351 CF8M **	
4 & 5 Shaft & Spindle	Stainless steel		1.4542 / A564 Gd630	
6 Seat	RTFE 15% Graphite	DN50-900		
	RTFE 25% Glass			
	PTFE			
	Fire Safety		DN50-600	
10 Packing	Metal PP	DN50-400		
	Metal HT	DN50-400		
	Graphite			
11 Bearing ***	PTFE			
	PTFE (Fugitive Emission)			
	Carbon steel + PTFE			
14 Cover gasket	Stainless steel + PTFE			
	Graphite			
	PTFE			

(*) Others on request
 (**) Chrome plated on HT versions
 (***) Defined according to body material & butterfly

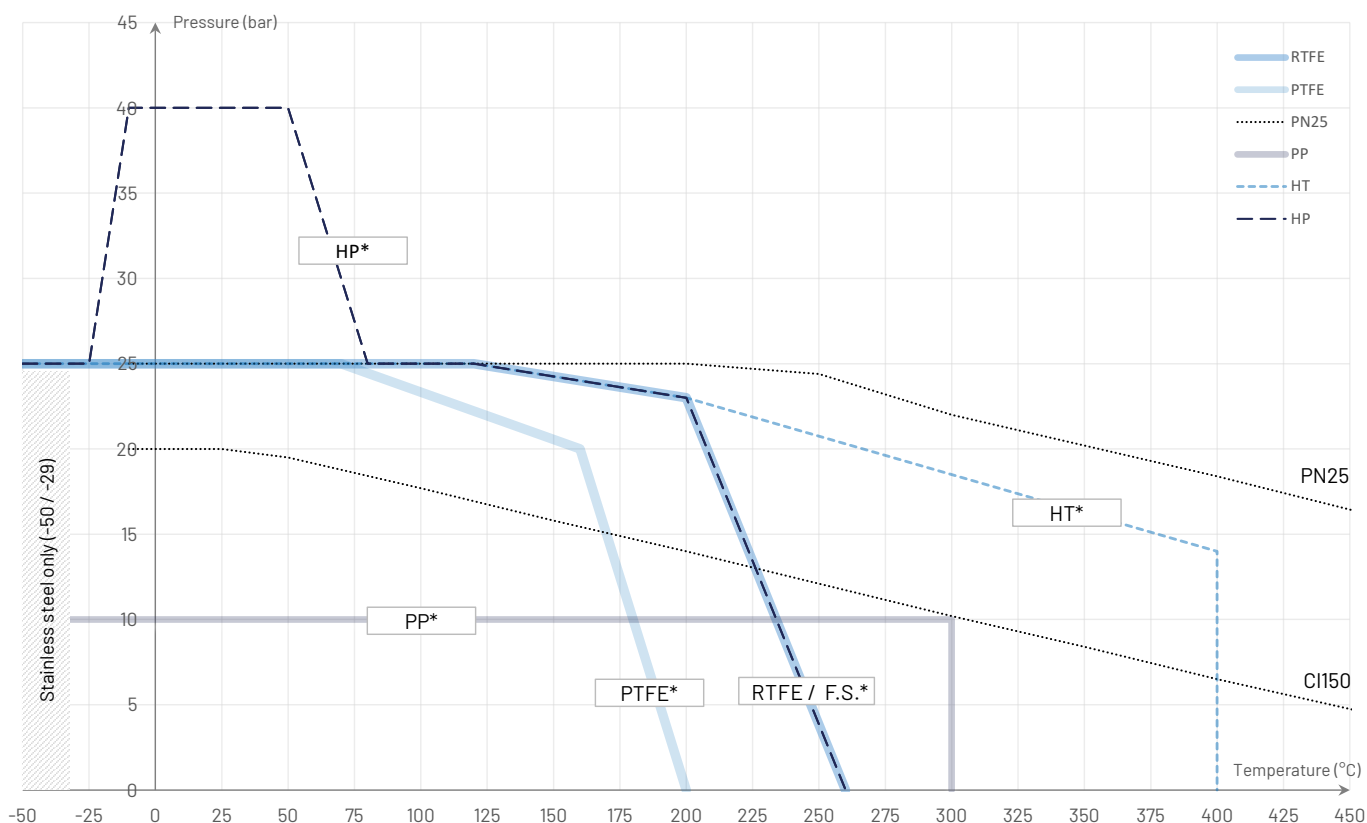


Design Standard	EN593	ISO10631	API609
Standard Face to Face Other: on request	EN558 - Series 20	ISO5752 - Series 20	API609 - Table 3A
Test standard	EN12266-1*	ISO5208 *	API598
Connection standard	EN1092 EN1759	ISO7005	B16.5 B16.47-A



(*) Leakage rate according to seal type

Pressure / Temperature curves
 RTFE - PTFE/SF - HT- HP - PP



* For more information, please consult the technical booklet