

# Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

<b>Manufacturer</b>	<b>Wouter Witzel EuroValve B.V.</b>		
<b>Address</b>	Industrieterrein De Pol 12, Losser, 7581 CZ, Netherlands		
<b>Type</b>	Butterfly Valves		
<b>Description</b>	EVS-i Wafer type	DN400 to DN600	
	EVTLS-i Wafer lugged type	DN400 to DN600	
	EVFS-i Double flanged type	DN400 to DN600	
<b>Trade Name</b>	Butterfly Valves - EV-i Range		
<b>Application</b>	See Appendix		
<b>Specified Standard</b>	Lloyd's Register Rules and Regulations for the Classification of Ships, July 2020 EN 558-1/2:2017, Series 20 (ISO 5752:1982) EN 19:2016 (ISO 5209:1977) API 598:2016 API 609:2016 EN 12266-1:2012, P10, P11, P12, Rate A (ISO 5208:2008) EN 12266-2:2012, F20 EN 593:2017 JIS B2220:2004		
<b>Ratings</b>	Size Range : See above Connection : PN10 /16, Class 150 Max. Pressure : 16 bar		

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## Type Approval Certificate

Temperatures : -10oC to +200oC, dependant to materials used.  
NBR : +90 oC  
EPDM : +120 oC.  
FPM : +200 oC.  
VMQ : +200 oC.

**Other Conditions** See Appendix

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document RTS-TA-PRJ11100252365/MB and its supplementary Type Approval Terms and Conditions form part of this Certificate.