

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.

Manufacturer	InterApp-Valcom, S.A.
Address	Calle Almenara, s/n, Carretera Nacional A-1, Km 31.1, (Salida 30). (Polígono Industrial Sur), San Agustín del Guadalix, 28750, Spain
Type	Butterfly Valves
Description	Elastomer lined, wafer, lug or flanged type butterfly valves with body made of ductile iron (EN-GJS-400-15) or carbon steel (EN 1.0619) and soft seats according to EN 12516-1.
Trade Name	Desponia, Desponia Plus
Application	<p>For installation on ships and offshore installations classed or intended for Classification with Lloyd's Register allowable systems. They have to be installed to the attending surveyor's satisfaction for:</p> <ol style="list-style-type: none">1. Sea and fresh cooling water systems including shipside valves (flanged version).2. Water ballast3. Cargo Lines as "in-line" valves on oil and chemical tankers and on liquefied gas carriers (depending on pressure, temperature, medium and material)4. As "in-line" valves in lubricating or oil fuel piping systems in low fire risk compartments of cargo vessels5. Bilge suction (in association with a metal non return valve) in low fire risk compartments of cargo vessels only6. As pump suction valves from the main bilge line only where the valve is located in the immediate vicinity of the pump. The valve is to be fitted in conjunction with a metal non-return valve, which is to be on the bilge main

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side of the butterfly valve.

7. Sanitary, black and grey water (not for overboard scupper systems)

8. Inert gas distribution system (deck lines) on tankers

9. Non-essential air piping (except as stop valves for air receivers) having a working pressure not greater than 7 bar.

Specified Standard Lloyd's Register Rules and Regulations for the Classification of Ships, 2020

Ratings Maximum working pressure:
Desponia:
DN25 - 600: 16 bar,
DN400 - 1000: 10 bar,
Desponia plus: DN25 - 600: 16 bar
Temperature: -55 to +200°C (depending on material)

Other Conditions Restrictions: Not to be used where fire endurance is required.

see also 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 No. HTS/ENS 41496-20, Issue No. 0 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

Appendix

PLACE OF PRODUCTION	InterApp Valcom S.A.	InterApp Valcom S.A.
	Calderon de la Barca, 12	Crta. A-1 (Madrid-Burgos), km 31,1
	E-28860 Paracuellos de Jarama	Poligono Industrial Sur, salida por km. 30
	Madrid, Spain	Calle Almenara, s/n
		28750 San Agustin de Guadalix
		Madrid, Spain