



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	Danfoss Power Solutions II GmbH
Address	Werk Lohmar, Hauptstr. 150, Lohmar, 53797, Germany
Type	Compression Fittings
Description	Non- soldering and solderless compression couplings with profile ring pipe fittings in carbon acc. to DIN 3859-1, Table 2 or stainless steel acc. to DIN 17440, 1.4571 or equivalent.
Trade Name	Walpro Tube Fitting System
Application	General use in marine, offshore and industrial piping systems
Specified Standard	Lloyd`s Register Rules and Regulations for the Classification of Ships, 2022.
Ratings	<u>Carbon steel St. E235, E355</u> Series L: OD(mm) : 6 to 10 12 to 18 22 to 42 MAWP(bar) : 500 400 250 Series S: OD(mm) : 6 to 10 12 to 16 20 to 38 MAWP(bar) : 800 630 420 <u>Stainless steel 1.4571</u> Series L: OD(mm) : 6 to 12 15 to 18 22 to 42 MAWP(bar) : 400 315 160 Series S: OD(mm) : 6 to 16 20 to 30 38 MAWP(bar) : 630 400 315

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Temp. Range: C. Steel -20°C to +120°C, St. Steel -55°C to +550°C

Other Conditions

For pressure reduction at elevated temperatures, for selection of the pipe couplings and installations the recommendations and instructions of the manufacturer to be adhered to.

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.

Previous Version: 87 /20065 (E6)

The Design Appraisal Document HMD 10166-03, Issue No. 4 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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