Certificate No: LR2669495TA
Issue Date: 10/09/2025
Expiry Date: 09/09/2030

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	**Parker Hannifin Manufacturing Germany GmbH & Co. KG**
Address	Am Metallwerk 9, Bielefeld, 33659, Germany
Place of Production	Parker Hannifin Manufacturing Germany GmbH & Co. KG Am Metallwerk 9, Bielefeld, 33659, Germany
Type	Compression Fittings
Description	Flared flange connection made of steel with sealing material NBR, FKM or Polyurethan.
Trade Name	HPF High Performance Flange System
Application	General use in marine, offshore and industrial piping systems classed or intended for Classification with Lloyd's Register.
Specified Standard	IACS P2.11, ISO6162-1, ISO6162-2, ISO6164, SAE 3000, SAE 6000 Lloyd's Register Rules and Regulations for the Classification of Ships, 2025
Ratings	(According HPF catalogue 4167) ISO 6162-1 footprint sizes 1 ¼" to 3", 280 to 210 bar, ISO 6162-2 footprint sizes ¾" to 3", 420 bar, ISO 6164 square or round, sizes 2" up to 5", 420 bar Effective pressure depends on the used tube and operating temperature.

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Other Conditions Selection and installation are to be in accordance with the manufacturer's instructions and recommendations.

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: LR2016611TA

The Design Appraisal Document TSO/25-040437, previous ENS 41396-20, Issue No. 0 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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