



## 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>Parker Hannifin Manufacturing Germany GmbH &amp; Co. KG</b>															
<b>Address</b>	Am Metallwerk 9, Bielefeld, 33659, Germany															
<b>Type</b>	Compression Fittings															
<b>Description</b>	Steel and stainless steel self-closing pressure test- and vent-adapters and accessories to be used with Parker EO tube fittings according to Catalogue 4100-Online/UK, Chapter R															
<b>Trade Name</b>	EMA3, GMA3, VKA3, MAV-MA3, MAVMD and SMA3															
<b>Application</b>	General use in marine, offshore and industrial piping systems classed or intended for Classification with Lloyd's Register.															
<b>Specified Standard</b>	Lloyd's Register Rules and Regulations for the Classification of Ships, 2022; ISO 8434-1; IACS P2.11															
<b>Ratings</b>	<table><thead><tr><th>Series</th><th>Size O.D. (mm)</th><th>PN (bar)</th><th>Male Connection (mm or inch)</th><th>PN (bar)</th></tr></thead><tbody><tr><td>light</td><td>6L-42L</td><td>315-160</td><td>M8x1 - M16x1,5</td><td>250-630</td></tr><tr><td>heavy</td><td>6S-38S</td><td>630-315</td><td>G1/8 - G3/8</td><td>400-630</td></tr></tbody></table>	Series	Size O.D. (mm)	PN (bar)	Male Connection (mm or inch)	PN (bar)	light	6L-42L	315-160	M8x1 - M16x1,5	250-630	heavy	6S-38S	630-315	G1/8 - G3/8	400-630
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<b>Other Conditions</b>	Selection and installation to be in accordance with the producer's instructions															

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A member of the Lloyd's Register group

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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:** 00/20019(E4)

The Design Appraisal Document HMD 3099-00, Issue No. 6 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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## Appendix

<b>PLACE OF PRODUCTION</b>	Parker Hannifin Manufacturing Germany GmbH & Co.KG Am Metallwerk 9 33659 Bielefeld Germany	Parker Hannifin Manufacturing Poland Sp.z.o.o. UL.E. Kwiatkowskiego 16 50-011 Siechnice Poland
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