

Company Name Details

Company Information	Additional Company / Plant Detail	Confirmation of Type Approval
<p>CHIBRO SRL VIA VALTELLINA, 15 MONTANO LUCINO 22070 Italy Tel +39-031-47818000 Fax +39-031-541411 Email: chibro@bonomi.it Website: www.chibro.it</p>		<p>This product doesn't have a Confirmation of Type Approval.</p>

Certificate Number	Category	Expiry Date

Product	Piping System and Fittings
Model	CHIBRO PRESSFITTING SYSTEM
Endorsements	
Tier	2 - PDA Issued
Intended Service	<p>Installation on board ships in the following systems: - Potable cold and hot water - Machinery fresh water cooling - Hot and chilled water for air-conditioning - Fresh water for sprinkler systems - Compressed air - Condensate</p>
Description	AISI 316L piping system and fittings with integral O-ring seal of EPDM rubber.
Ratings	<p>OD x t: 15x1, 18x1, 22x1.2, 28x1.2, 35x1.5, 42x1.5, 54x1.5, 76.1x2, 88.9x2, 108x2 Design pressure: 16 bar Maximum vacuum: 70% Design Temperature: -20/+120 deg C</p>

Service Restrictions	<p>1. Unit Certification is not required for this product.</p> <p>2. If the manufacturer or purchaser request an ABS Certificate for compliance with a specification or standard, the specification or standard, including inspection standards and tolerances, must be clearly defined.</p> <p>3. Mechanical joints, which in the event of damage could cause fire or flooding, are not to be used in piping sections directly connected to the vessel's side below the bulkhead deck of passenger vessels and freeboard deck of cargo vessels or tanks containing flammable fluids as per 4-6-2/5.9.1(f) of MVR.</p> <p>4. Piping in which a mechanical joint is fitted is to be adequately adjusted, aligned and supported. Supports or hangers are not to be used to force alignment of piping at the point of connection as per 4-6-2/5.9.1(h) of MVR.</p>
Comments	<p>1) The ABS Product Design Assessment covers only pipes and fittings shown in CHIBRO press fitting catalogue edition 09/2015-A.</p> <p>2) The manufacturer has provided a declaration about the control of, or the lack of asbestos in this product.</p>
Notes, Drawing and Documentation	<p>Drawing No. -, Manleva Ilta, Revision: 0, Pages: 1</p> <p>Drawing No., TARF, Revision: 0, Pages: 1</p>
Term of Validity	<p>This Product Design Assessment (PDA) Certificate remains valid until 15/Nov/2028 or until the Rules and/or Standards used in the assessment are revised or until there is a design modification warranting design reassessment (whichever occurs first).</p> <p>Acceptance of product is limited to the "Intended Service" details prescribed in the certificate and as per applicable Rules and Standards.</p> <p>This Certificate is valid for installation of the listed product on ABS units which exist or are under contract for construction on or previous to the effective date of the ABS Rules and standards applied at the time of PDA issuance. Use of the Product for non-ABS units is subject to agreement between the manufacturer and intended client.</p>
ABS Rules	<p>ABS Rules for Conditions of Classification (2023): 1-1-4/7.7, 1-1 A3 and A4, which covers the following: 2023 Rules for Building and Classing Marine Vessels: 4-6-2/5.9 2023 Rules for Building and Classing Yachts 4-1-1/Table 3, 4-4-2/13.7</p> <p>ABS Rules for Conditions of Classifications - Offshore Units and Structures (2023): 1-1-4/9.7, 1-1- A2 and A3 which covers the followings: 2023 Rules for Building and Classing Mobile Offshore Units: 4-2-1/11.13</p> <p>ABS Rules for Conditions of Classification - Light and High-Speed Craft (2023) 1-1-4/11.9, 1-1-A2 and A3, which covers the following: 2023 Rules for Building and Classing High Speed Craft 4-4-2/13.7</p>
National Standard	NA
International Standard	NA

Government Standard NA

EUMED Standard NA

Others Standard NA

Model Certificate	Model Certificate #	Issue Date	Expiry Date
PDA	23-2467871-PDA	16-NOV-2023	15-NOV-2028