



TYPE APPROVAL CERTIFICATE
No. MAC161619CS/001

This is to certify that the product identified below is in compliance with the regulations herewith specified.

<i>Description</i>	Pipe Couplings
<i>Type</i>	Flanges
<i>Applicant</i>	I.M.M. HYDRAULICS S.P.A. VIA ITALIA 49 - 51 66041 Atessa (CH) ITALY
<i>Manufacturer</i>	I.M.M. HYDRAULICS S.P.A.
<i>Place of manufacture</i>	VIA ITALIA 49 - 51 66041 Atessa (CH) ITALY
<i>Reference standards</i>	Part C, Chapter 1, Section 10 of RINA Rules
<i>Reference documents</i>	RINA Type approval system

Issued in **Genoa** on **August 8, 2019**. This Certificate is valid until **February 9, 2020**



RINA Services S.p.A.
Marco Dardano

This certificate consists of this page and 1 enclosure



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Flanges

Reference documents

GS-Hydro OY catalogue 2012.

Materials

Carbon steel St. 52.4.

Technical characteristics

Maximum working pressure in accordance with the following table:

Coupling designation	Maximum Working pressure (N/mm ²)
608 up to 632	42
608F up to 632F	42
308 - 312 - 316	35
320 - 324 - 332	28
340 - 348	21
308F - 312F - 316F	35
320F - 324F - 332F	28
340F - 348F	21
424 up to 456	40
860 up to 896	35
124 up to 228	5
124F up to 228F	5

Fields of application

Hydraulic plants.

Acceptance conditions

The acceptance of the a.m. products on board ship and other units classed with RINA is subject to the satisfactory outcome of testing as per RINA Rules.

The installation on board is to be made in accordance with the Manufacturer's assembly instructions.

Remarks

This Certificate cancels and replaces the previous one n° MAC293413CS/001 dated 10/02/2015.

Genoa August 8, 2019