



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	VOSS Fluid GmbH
Address	Luedenscheider Str.52-54, Wipperfueth, 51688, Germany
Type	Compression Fittings
Description	Steel or stainless steel flared pipe couplings comprising of a 10° flared pipe adapter on one side and a 24° tapered male connector with an O-Ring on the other side.
Trade Name	VOSS BV-10 Flared Pipe Coupling
Application	General use in marine, offshore and industrial piping systems. <u>Restrictions (not to use):</u> <ol style="list-style-type: none">1. starting/control air and CO2 systems.2. inside machinery spaces of category A or accommodation spaces for inert gas main lines3. fire extinguishing systems which are not always filled with water
Specified Standard	LR Rules and Regulations for the Classification of Ships, July 2024

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Ratings	Series	Pipe outside diameter (mm)	Nominal pressure (bar)
	L	6 to 10	500
	(light)	12 to 18	400
		22 to 42	250
	S	6 to 10	800
	(heavy)	12 to 16	630
		20 to 38	420

Additional Tests Repeated assembly, leakage, burst pressure, hydraulic impulse and vibration, flame resistance tests conducted

Other Conditions Trade mark "VOSS" to be shown on each coupling. The pipe couplings to be selected and installed as per producer's recommendations and instructions.

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: 93/20051(E5)

The Design Appraisal Document TSO/24-017822, prev. HMD 13340-04, Rev. 3 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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