
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	Compression couplings 24°, series L and S made of carbon steel, metal sealed TYPE VOSSRingM Cutting Ring Couplings
Trade Name	VOSSRingM Cutting Ring Couplings
Application	General use in marine, offshore and industrial piping systems classed or intended for Classification with Lloyd's Register.
Specified Standard	Lloyd's Register Rules and Regulations for the Classification of Ships, 2020
Other Conditions	The VOSSRingM Cutting Ring couplings are to be selected and installed according to the producer's recommendations and instructions.

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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: 15/20142

The Design Appraisal Document HTS/ENS 33765-15, Issue No. 1 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

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Appendix

RATINGS

Series L (light)		Series S (heavy)	
Tube OD [mm]	PN [bar]	Tube OD [mm]	PN [bar]
6-10	500	6-10	800
12-18	400	12-16	630
22-42	250	20-38	420

Temperature range for carbon steel couplings:

with metallic seal: -20 up to + 120°C

For CS male stud couplings of type PEFLEX, UN/UNF, ISO 6149

With soft seal NBR: -20 up to + 100°C

FKM: -20 up to + 200°C

Lowest ambient temperature: -40°C

For service temperatures above +120°C pressure reduction factors as per catalogue are to be observed.