



# 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.*

This certificate supersedes certificate number 93/20050 (E4) issued on 04.12.2013 which is hereby cancelled.

This certificate is issued to:

**PRODUCER**

VOSS Fluid GmbH  
Lüdenscheider Straße 52-54  
51688 Wipperfürth  
Germany

**DESCRIPTION**

Steel or stainless steel adjustable pipe coupling with 24° tapered connection and FKM - O-Ring.

**TYPE**

VOSS 24° Taper Couplings

**APPLICATION**

General use in marine, offshore and industrial piping systems.

Restrictions:

1. starting/control air and CO2 systems.
2. inside machinery spaces of category A or accommodation spaces for inert gas main lines
3. fire extinguishing systems which are not always filled with water

**RATINGS**

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

**Certificate No.**

93/20050 (E5)

**Issue Date**

26 February 2019

**Expiry Date**

31 July 2023

**Sheet**

1 of 2



Torsten Schröder  
Hamburg Technical Support Office  
Lloyd's Register EMEA

LR031.1.2016.06

Torsten Schröder  
Hamburg Technical Support Office  
Lloyd's Register EMEA

Lloyd's Register EMEA  
71 Fenchurch Street, London EC3M 4BS

Lloyd's Register EMEA  
Is a subsidiary of Lloyd's Register Group



Lloyd's  
Register

<b>STANDARD</b>	LR Rules and Regulations for the Classification of Ships, July 2018
<b>PERFORMANCE TESTS</b>	Repeated assembly, leakage, burst pressure, hydraulic impulse and vibration, flame resistance tests.
<b>OTHER CONDITIONS</b>	Trade mark "VOSS" to be shown on each coupling. The pipe couplings to be selected and installed as per producer's recommendations and instructions.

*The Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations.*

*If the specified standards are amended during the validity of this certificate, the product is to be re-approved prior to it being supplied to vessels to which the amended standards apply.*

*The Design Appraisal Document No. HMD 13340-04, Issue No. 3, dated 26.02.2019 and its supplementary Type Approval Terms and Conditions form part of this Certificate.*

<b>Certificate No.</b>	<b>93/20050 (E5)</b>
<b>Issue Date</b>	26 February 2019
<b>Expiry Date</b>	31 July 2023
<b>Sheet</b>	2 of 2

*Lloyd's Register EMEA  
71 Fenchurch Street, London EC3M 4BS*



LR031.1.2016.06

Torsten Schröder  
Hamburg Technical Support Office  
Lloyd's Register EMEA

Lloyd's Register EMEA  
Is a subsidiary of Lloyd's Register Group

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as the 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.