Certificate No: LR2004538TA
Issue Date: 14/09/2020
Expiry Date: 23/06/2025

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 **ERIKS Flow Control**

Address Cypresbaan 63, 2908 LT Capelle aan den IJssel, Netherlands

Type Actuators

Description Hydraulic rotating actuators.
Type: TORKLT

Trade Name EDR/ESR-1-2-3-4-5-6 fig. 21501/21502

Application Marine, offshore and industrial use for the operation of remote controlled valves.

Specified Standard Lloyd's Register Rules and Regulations for the Classification of Ships, Part 5, Chapters 11 and 12.

Ratings

Working pressure (bar): ≤ 160
Design Pressure (bar): 160
Hydrostatic test pressure (bar): 240 (320 Max.)

Type **EDR/ESR**	**1**	**2**	**3**	**4**	**5**	**6**
Piston diameter (mm):	30	40	50	60	75	90
Torque @ 160 bar (Nm):	213	472	1034	1712	2664	5660

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Marco Nardo

Engineering Systems Team Leader to Lloyd's Register EMEA
A member of the Lloyd's Register group

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

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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.

The Design Appraisal Document No. LR2004538DA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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