

Type Approval Certificate



This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Certificate No. 47 051 - 03 HH

Company FAK-Armaturen GmbH
Lademannbogen 53
22339 Hamburg

Product Description Quick Closing Valve and Power Unit

Type VALVES: FAK - QCV , Straight and Elbow Type
POWER UNIT: FAK 07.1.506.47

Environmental Category None

Technical Data / Range of Application TECHNICAL DATA VALVES

Materials:

Body	GGG 40.3, C22.8, GS-C25	
Valve cover	GGG 40.3, GS-C25, C22.8	
Spindel, Disk, Seat	Stainless Steel / Bronze	
Sealing	FPM/FKM	
Actuator	Pneumatic, Hydraulik	
Sizes	DN 15 - DN 150	DN 200
Nominal pressure	16 bar	10 bar
Temperature range	0°C up to 150°C	

TECHNICAL DATA POWER UNIT:

Refer to page 2

RANGE OF APPLICATION:

The valves of type FAK-QCV and Power Unit are type approved for the use on ships classed by Germanischer Lloyd.

Test Standard VI-7-8 Regulations for the Performance of Type Tests, Part 6 - Test Requirements for Mechanical Components and Equipment:1998.

Documents - Test report TREO, No. 01-065, 01-066 dated 12.09.01, Vibration test
- Drawings: FAK 06.2.001.02/07, FAK04.2.009.39, FAK04.2.009.49 (Valves)
FAK 07.1.506.47 (Power Unit)

Remarks Valves included in pipe class I and II are subject to final inspection by GL surveyor at manufacturer works.

Valid until 2013-03-02

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Type Approval Symbol



File No. II.A.16

Hamburg, 2008-04-25

Germanischer Lloyd

Hanspeter Raschle

Hagen Markus