

# Approval Certificate



This is to certify, that the undernoted products have been approved in accordance with the relevant requirements of the GL Approval System.

Certificate No. **37 676 - 85 HH**

Company **Gali Internacional S.A.**

**Apartado 11  
08181 Sentmenat (Barcelona), SPAIN**

Product **AIR STARTERS FOR DIESEL ENGINES**

Type **A 15, A 17, A 25, A 27, A 45, A 47, A 48**

Technical Data /  
Application **TECHNICAL DATA**

Type:	A15/A17	A25/A27	A45/A47	A48
M.A.W.P. [bar]:	30	30/40	30	30
Max. power [KW]:	15	25/30	66	77
Speed at max. power [rpm]:	4000	3500/2800	2300	2200
Max. torque [Nm]:	66	133/188	540	640

Accessories: **Filter set A15 [for starter types A15 and A17]  
Filter set A45 [for starter types A45, A47 and A48]**

#### RANGE OF APPLICATION

The starter series specified above is approved as starting devices for diesel engines.

The selection of the air starters for the corresponding application and the right installation are to be in accordance with the instructions of the manufacturer.

Approval Standard **VI-7-8 Test Requirements for Components and Systems of Mechanical Engineering and Offshore Technology: 2008, I-1-2 Machinery Installations:2012.**

Documents **- Audit report dated 2012-12-12  
- Performance certificate A27, starter no. 2770, dated 2012-12-12  
- Drawings refer to page 2  
- Instruction&Explanation Sheet FR-I+D-34/a, dated 2013-01-02**

Remarks **None**

Valid until **2017-05-27**

File No. **XLB.07**

**Germanischer Lloyd**

**Hamburg, 2013-02-12**

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Hanspeter Raschle

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Hagen Markus

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## Documents

Drawing no.	Type
- 5115000	A15
- 5117000	A17
- 5125500	A25
- 5127000	A27
- 5145000	A45
- 5147700.002	A47
- 5148000	A48

## Marking

- Manufacturer short sign, type, serial number, size, design air pressure

**Germanischer Lloyd**

Hamburg, 2013-02-12

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Hanspeter Raschle

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Hagen Markus