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.

54 565 - 07 HH

Company

Ryco Hydraulics Pty. Ltd.

19 Whitehall Street

Footscray, VIC 3011, AUSTRALIA

Product Description

High pressure hoses - Flame resistant

Type

Avenger T1A, Diehard T1D, Survivor RQ1

Environmental Category

None

Technical Data /

TECHNICAL DATA

Range of Application

Hose design: Synthetic rubber tube, one steel wire braid, synthetic

rubber cover acc. to EN 853 - 1SN, SAE 100R1AT.

Hose Type:

T1D T1A

Size range (DN): Pressure range (bar):

5 to 31 6 to 32 6 to 25 225 to 65 225 to 90

Ferrules/Nipples:

T200, T700 Series Non-Skive - 40 [°C] to 100 [°C]

Temperature range:

RANGE OF APPLICATION

The above mentioned hose types are type approved for the use in:

Fuel oil-, Lubricating oil-, Hydraulic oil-, Bilge-, Ballast-, Freshwater cooling-,

Sea water cooling-, Compressed air- and Ancillary piping systems.

The selection of the hoses for the corresponding application is to be in accordance

with the instructions of the hose manufacturer.

Test Standard

Regulations for the Performance of Type Tests, Part 6-Test Requirements for

Mechanical Components and Equipment: 1998, EN 853:1996.

Documents

- Test reports of product tests according EN 853:1996, Fire test reports

according to ISO 15540/15541:1999, Burst test reports on hose assemblies

- Ryco hydraulics catalogue RHY-PRO206AUS

Remarks

Refer to page 2

Valid until

2012-11-27

Type Approval Symbol

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II.D.01

Germanischer Lloyd

File No.

Hamburg, 2007-11-28

This certificate is issued on the basis of "Guidelines for the Performance of Type Approvals Part 1, Procedure".