

Approval Certificate Germanischer Lloyd

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

Certificate No.

12 268 - 98 HH

Company

A4 Hydrauliek B.V.

Gildestraat 19

8263 AH Kampen, NETHERLANDS

Product

Hydraulic Cylinders

Type

Differential cylinders (piston type cylinders)

Technical Data /
Application

Bore	Diameter of	Bore	Diameter of
(mm)	piston rod (mm)	(mm)	piston rod (mm)
50	25; 30; 35	120	60; 70; 80; 85
60	30; 35; 40	125	60; 70; 80; 85
63	32; 35; 40; 45	130	70; 80; 85
65	32; 35; 40; 45	140	70; 80; 85; 90; 100
70	35; 40; 45; 50	150	80; 85; 90; 100
80	40; 45; 50; 55	160	85; 90; 100; 110
90	45; 50; 55; 60	180	90; 100; 110; 120; 125
100	50; 55; 60; 70	200	100; 110; 120; 125; 140
110	50: 55: 60: 70		

Maximum stroke = 4000 mm. For strokes above 1200 mm cylinders to be used as pull-cylinders only. Remarks to be observed.

Working Pressure: 250 bar Test Pressure: 375 bar

Approval Standard

Germanischer Lloyd - "Rules for Classification and Construction" Part 1, Chapter 2,

Section 14F "Hydraulic Systems"

Documents

Arrangement drawings Nos. GL50-130 and GL140 and detail drawings approved

with Ref. No. 22452/98 WSz of 1998-07-07

Remarks

For the piston rod a safety factor of at least 1,7 against buckling strength has to be ensured.

Valid until

2018-05-29

File No.

XI.M.01

Germanischer Lloyd

Hamburg, 2013-05-30

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