Industrie Service

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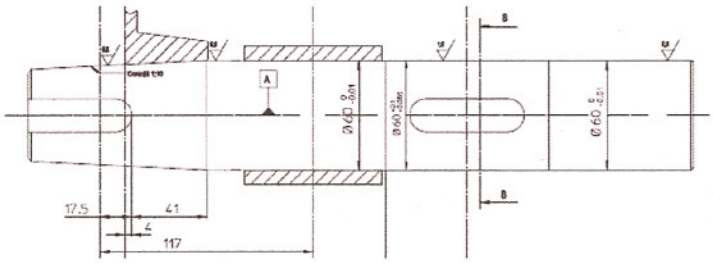
Certificate
concerning the examination of traction sheave shaft calculation

Lift machine, type:	**HW134**
Ordered by / Manufacturer:	GEM General Elevator Machines S.r.l. V. le Caproni 18 38068 Rovereto (TN) - Italien
Number of examination	1515467
Object examined	Calculation of maximum value of traction sheave shaft
Examination basis:	DIN 743, DIN 6892 Roloff-Matek, machine elements (edition 1992)
Examination documents:	Calculation-no. 01.0113S62B, pg. 1-7 / 2010-02-16 Drawing-no. G01.13S.62B
Load data:	See variety of equipment in the calculation



Designe drawing: G01.13S62B / 07.01.2007
Material: 42CrMo4+QT (1.7225)

Load data

Traction sheave diameter	mm	480	550	600
Max. shaft load stat.	kN	23	23	20
Nominal moment	Nm	974	1032	1015

Examination result

The examination of the calculation was carried out on the basis of a comparison calculation. The result was that the traction sheave shaft and the connection shaft-hub are rated at the maximum load data in accordance with the requirements of the examination basis. The remarks in the maintenance instruction are to be attended.

Date: 2010-06-23

Our reference:
IS-FSA-MUC/mai

Document:
100623_BS_GEM_HW134_en.doc

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The test results refer exclusively to the units under test.

Prüflaboratorium für Produkte der Fördertechnik
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Certified System SWISS TS ISO 9001

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