

Test Certificate



Certificate No.:

71910 K
Page 1 of 1

General Data Wulf Johannsen KG GmbH & Co., Kiel
Manufacturer / Supplier

Kiel

Place of test

2008-07-10

Date of test

Item and Test One 6-throw-crankshaft
intended for diesel engine, Type SKL 6 NvD 48 A2

Extent of damage:

Light corrosive marks at all main and crank journals.

Repair:

All main and crank journals polished. Connecting flange faced.

Measurements after polishing (see report of Messrs. Johannsen):

Main journals = \varnothing 214,99 h6

Crank journals = \varnothing 214,98 h6

Test:

General inspection and random check of dimensions.

Magnetic crack detection test of all journals after polishing.

Concentric running test.

Present Stamping: see backside of report of Messrs. Johannsen

As far as it could be seen, the workmanship of the component during inspection / test has been to the satisfaction of the undersigned surveyor.

Additional Statements

Sudoservice A. Jeznach, Brookstieg 7, 22145 Stapelfeld

Intended for

-

Continue intended for

-

Customer order no.

-

Continue customer order no.

1009275/15

Manufacturer / Supplier order no.

add.
71910 K
REP
07 GL 08

Stamping

We hereby certify that the item(s) described above was (were) tested in accordance with the mentioned test procedure(s) by our Surveyor.

Kiel, 2008-07-16

Place/Date



D. Horns

Signature of GL Surveyor

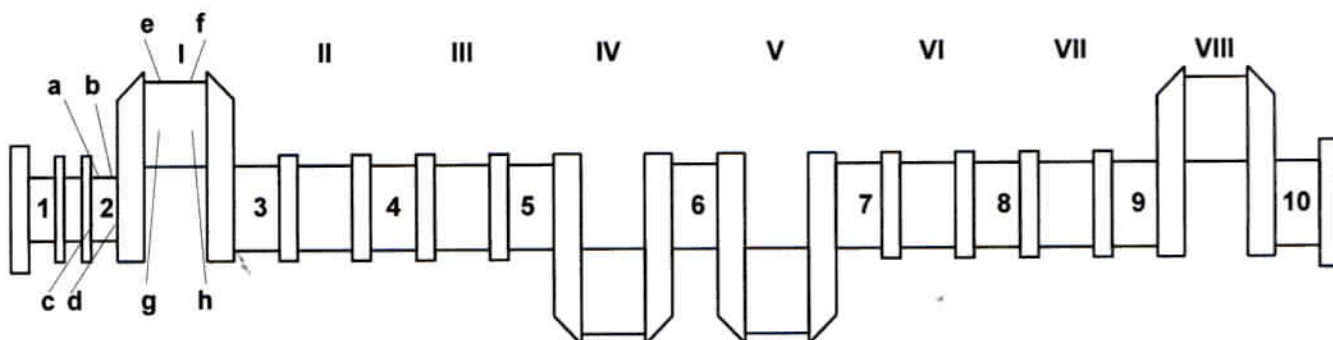
1 Enclosures

Messblatt

Kurbelwelle • crankshaft data sheet

Kunde: Client: Sudoservice A. Jeznach	Datum: Date: 2008-07-08
Kom.-Nr.: Com.-No.: 1009275/15	Motorfabrikat + Type: Engine make + type: SKL 6 NvD 48 A2
Anlage: Plant/ship:	Motor-Nr.: Engine-No.:
geprüft von: examined by: H.Seifert	Kurbelwellen-Nr.: Crankshaft-No.: 1766

Die Maße c-d und g-h sind an den jeweiligen Zapfen um 90° gemessen. All sizes c-d and g-h are measured on the journals on 90°.



Durchmesser der Grundlagerzapfen						Diameter of Main Journals					Original Ø 215-h6	
NR.	1	2	3	4	5	6	7	8	9	10		
a/b	214,98	214,98	214,99	214,98	214,98	214,97	214,99	214,99				
c/d	214,97	214,98	214,98	214,97	214,98	214,97	214,98	214,98				
Rundlauf						Alignment						
	0,00	0,01	0,02	0,03	0,04	0,02	0,01	0,00				
Härte der Grundlagerzapfen						Hardness of Main Journals						
HB	158	162	194	156	188	182	184	187				
Durchmesser der Kurbelzapfen						Diameter of Crank Pins					Original Ø 215-h6	
NR.	I	II	III	IV	V	VI	VII	VIII	IX	X		
e/f	214,97	214,98	214,96	214,98	214,97	214,97						
g/h	214,97	214,97	214,97	214,98	214,96	214,96						
Härte der Kurbelzapfen						Hardness of Crank Pins						
Hb	158	194	164	196	174	162						

Die Kurbelwelle wurde auf Spezialmaschine nach Magnetofluxverfahren nach DIN 54130 äußerlich auf Risse geprüft.
The crankshaft was examined for cracks by special „Magnetoflux Method“.

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Bemerkung/ Remarks:

No cracks detected,

Main journals No. 1 – 8 and Crank journals No. 1 - 6 polished

Present Stamping: see Backside

Ort/Place: Kiel

Datum/Date: 2008-07-08

Unterschr./Sign.:

