

Test Certificate



Certificate No.: 70748 K / Stec-Nitz
Page 1 of 1

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

Kiel Place of test 2008-02-14 Date of test

Item and Test One 8-throw-crankshaft
intended for diesel engine, Type SKL 8 VD 26/20 AL2

Extent of damage:
Light corrosive marks at all main and crank journals.

Repair:
All main and crank journals grinded and polished. Journal bearing only polished.
Measurements after polishing (see report of Messrs. Johannsen):

Journal bearing: \varnothing 280,06 h6
Main journal: \varnothing 179,50 h6
Crank journal: \varnothing 149,50 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 could be seen, the workmanship of the crankshaft during inspection / test has been to the satisfaction of the undersigned surveyor.

Additional Statements Sudoservice, A. Jeznach, Brookstiege 7, 22145 Stapelfeld
Intended for

-
Continue intended for
-
Customer order no.
-
Continue customer order no.
1007328 / 15
Manufacturer / Supplier order no.

add.
70748 K
REP
02  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, 2008-02-20
Place/Date



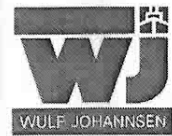
(STECHER)
Signature of GL Surveyor

1 Enclosures

10038

The latest edition of the General Terms and Conditions of Germanischer Lloyd is applicable. German law applies.

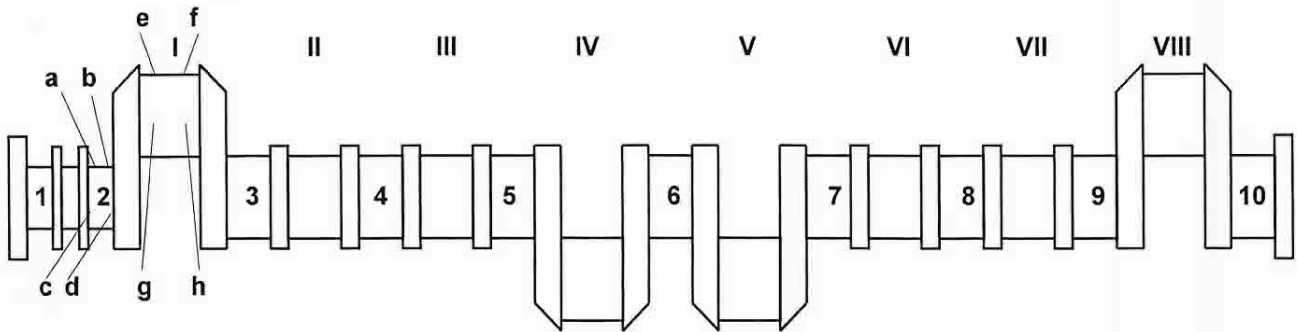
Messblatt



Kurbelwelle • crankshaft data sheet

Kunde: Client: Sudoservice A. Jeznach	Datum: Date: 2008-02-12
Kom.-Nr.: Com.-No.: 1007328/15	Motorfabrikat + Type: Engine make + type: SKL 8 vD 26/20 AL2
Anlage: Plant/ship:	Motor-Nr.: Engine-No.:
geprüft von: examined by: R. Petersen	Kurbelwellen-Nr.: Crankshaft-No.: 3962

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 180-h6	
NR.	1	2	3	4	5	6	7	8	9	10		
a/b	179,50	179,50	179,49	179,49	179,49	179,49	179,49	179,49	179,49			
c/d	179,49	179,49	179,49	179,49	179,49	179,50	179,49	179,50	179,48			
Rundlauf Alignment												
Härte der Grundlagerzapfen Hardness of Main Journals												
HV												
Durchmesser der Kurbelzapfen						Diameter of Crank Pins					Original Ø 150-h6	
NR.	I	II	III	IV	V	VI	VII	VIII	IX	X		
e/f	149,50	149,49	149,49	149,49	149,49	149,49	149,50	149,50				
g/h	149,50	149,49	149,50	149,49	149,50	149,50	149,49	149,50				
Härte der Kurbelzapfen Hardness of Crank Pins												
HV												

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

Bemerkung/ Remarks:

Alter Test siehe Rückseite, es wurden keine Risse festgestellt, Abschleiß

Grundlagerzapfen Nr. 1-9 -0,5mm, Abschleiß Kurbelzapfen Nr. 1-8 -0,5mm,

Stützlagerzapfen nur poliert D= 280,06mm, Endflansch plangeschliffen

Ort/Place: Kiel

Datum/Date: 2008-02-12

Unterschr./Sign.: *[Signature]*

