



**MARK VAN SCHAICK BV**  
CRANKSHAFTSPECIALIST



- ✓ Crankshaft repair (max. length 12000mm)
- ✓ Repair of Engine- and Industrial Parts
- ✓ Connectingrod Repair
- ✓ Lineboring
- ✓ Technical Consultants
- ✓ Marine and Industrial Spare Parts
- ✓ Whitmetal Bearings
- ✓ Hardchromeplating
- ✓ In Situ Machining
- ✓ Camshaft Repair

# MEASUREMENT REPORT

## CRANKSHAFT

### After grinding

Customer : **Delta Trading BV**  
Postbus 8037  
4330 EA MIDDELBURG

Our Ordernumber : **MVS05395-1**

Reportnumber : **101828**

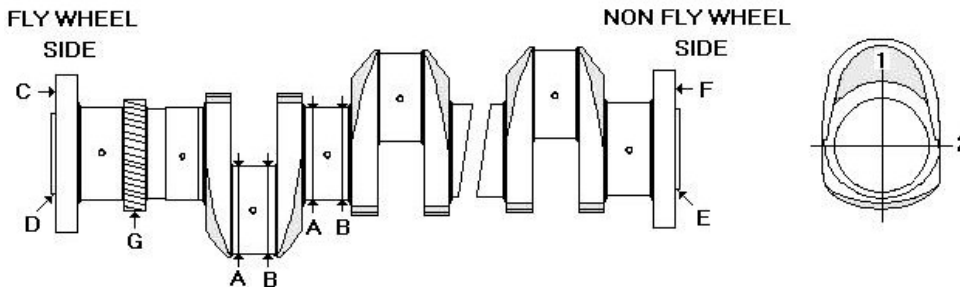
Installation (ship) : \_\_\_\_\_

Reference : \_\_\_\_\_

Engine type : **Crankshaft Mak 6M453AK**

Crankshaft initials : **DEW/R25228/47MN4/416535/Lloyd'sDSF701962 /302213729 / E/. 77 /72718D/KEL**  
**9.78.1001 /1.63.6-25.10.01-01/3729/3022 /3729/ new marks Lloyd's : LR Rec Rot 0706288**  
**06 Rvl 07**

### Mainjournal and crankpin dimensions Measurement deviation 0.01 mm



Nominal dimension :	244,00 mm								Mainjournal				Standard dimension :				245,00 mm			
	1	2	3	4	5	6	7	8	9	10	11	12	9	10	11	12	9	10	11	12
<b>A</b> Position 1	-1	-1½	-2	-1	-2	-1½	-2½	-2												
Position 2	-1½	-1½	-2½	-1½	-1½	-1½	-2½	-2½												
<b>B</b> Position 1	-1	-1	-2	-2	-1½	-2	-2½	-2												
Position 2	-1	-1½	-2½	-1½	-1	-2	-2½	-2½												
Cracks found	NO	NO	NO	NO	NO	NO	NO	NO												

#### Eccentricity

Centers Supported	1	2	3	4	5	6	7	8	9	10	11	12
	1	1	1	1½	1	1	1	1				

#### Eccentr. flanges and gearwheel location

C	D	E	F	G
1	4	1½	1	4

Nominal dimension :	244,00 mm						Crankpins						Standard dimension :						245,00 mm					
	1	2	3	4	5	6	7	8	9	10	11	12	9	10	11	12	9	10	11	12				
<b>A</b> Position 1	-1	-1	-2	-1½	-1	-1½																		
Position 2	-1½	-1	-3	-2	-1½	-2																		
<b>B</b> Position 1	-1	-1½	-2½	-1½	-1	-1½																		
Position 2	-1½	-1	-3	-2½	-1½	-2																		
Cracks found	NO	NO	NO	NO	NO	NO																		

Hardness : **average 200 Brinell** Width Thrust : **128,06 mm**

Remarks : **all mainjournals and crankpins are 1,0 mm undersize.**

Date measured: **12-06-2007** Place: **Schiedam** Sign: \_\_\_\_\_

Crankshafts are checked for surface cracks using the Magnaflux process. As this process will not detect hidden cracks beneath the surface we can offer no guarantees against such cracks causing failure in the future.