

CALIBRATION DATA CHART 5992b**INJECTION ASSORTMENT PP4M10U1f - 3486****FOR ENGINE: D 245.12C**

The mentioned values are for MOTORPAL Test Equipment only

30.07.2010

- A: 1. Direction of rotation RIGHT
 2. Beginning of delivery 4,0 +- 0,05 mm od/from DMP
 3. Injection order 1-3-4-2
 4. Tolerance zone +-30'
 5. Angular division 0-90-180-270

Adjusting pictures: S515*Testing liquid ISO 4113 (Shell S.9365).*

- B: 1. Injection nozzles 1688901988
 2. Injectors 1688901111
 3. Opening pressure 14,7 MPa
 4. High pressure pipes 6x2x750 mm
 5. Overpressure valve 110-150 kPa
 6. Temp. of test. liquid ISO 4113 (Shell) 42 °C

C:	Adjusting operation	Revolutions / min	No. of strokes	Delivery Q (ccm)	Difference (ccm)	Notice	Angle
1	Fuel delivery max.	1200	200	19,3-19,9	0,9	1a*, 1b* x=1 mm	
2	Beginning of STOPPING	1230-1240				2*	
3	S T O P	max. 1345		0		3*	
4	Aut.START del.end	420-450				4*	
5	Corrector setting	800	200	18,9-19,7	1,1	6*	
6	Fuel delivery checking	550	200	16,6-17,6	1,3		
7	Start fuel delivery	100	50	7,5-8,5	0,8	7*	
8	Insert B.P.C. into oper.					8*	
9	Adj.B.P.C.stop-screw.	550	200	13,9-14,9	1,3	9* p=0,000 MPa	
10	B.P.C.spring setting	550	200	+ 1,4-2,2		10* Q9<Q10 p=0,020 MPa	
11	Idle-speed del.STOP check.	400	300	6,0-6,5	1,5	5*,5a* p=0,000 MPa	
12	Fuel delivery checking	350	200	min. 7,5			
13	Idle-speed STOP	max. 490		0			
14	Op.No.1 and STOP checking	1200	200	19,3-19,9	0,9	1c* p=0,050 MPa	