

CALIBRATION DATA CHART 5996a**INJECTION ASSORTMENT PP4M10P1f - 3480****FOR ENGINE: D 245C**

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: S516*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.	1100	200	18,1-18,7	0,9	1a*, 1b* x=1 mm	
2	Beginning of STOPPING	1115-1125				2*	
3	S T O P	max. 1200		0		3*	
4	Aut.START del.end	380-410				4*	
5	Corrector setting	800	200	19,6-20,4	1,2	6*	
6	Anti-corrector setting	600	200	19,4-20,4	1,2	7*	
7	Anti-correction checking	500	200	15,8-17,0	1,2		
8	Aut.START del.end	350-380				4*	
9	Insert B.P.C. into oper.					9*	
10	Adj.B.P.C.stop-screw.	500	200	13,9-14,9	1,3	10* p=0,000 MPa	
11	B.P.C.spring setting	500	200	+ 1,0-1,8		11* Q11<Q12 p=0,020 MPa	
12	Idle-speed del.STOP check.	300	300	6,0-6,5	1,5	5*, 5a* p=0,000 MPa	
13	Fuel delivery checking	250	200	min. 7,5			
14	Idle-speed STOP	max. 390		0			
15	Op.No.1 and STOP checking	1100	200	18,1-18,7	0,9	1c* p=0,050 MPa	
16	Start fuel delivery	100	50	7,5-8,5	0,8	8*	