

CALIBRATION DATA CHART 6503d**INJECTION ASSORTMENT PP6M10P1f - 3491****FOR ENGINE: D 260.1 114kW/2100RPM**

The mentioned values are for MOTORPAL Test Equipment only

30.07.2010

- A:
1. Direction of rotation RIGHT
 2. Beginning of delivery 3,5 +- 0,05 mm od/from DMP
 3. Injection order 1-5-3-6-2-4
 4. Tolerance zone +-30'
 5. Angular division 0°-60°-120°-180°-240°-300°

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

- B:
1. Injection nozzles BOSCH 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) 40 °C

C:	Adjusting operation	Revolutions / min	No. of strokes	Delivery Q (ccm)	Difference (ccm)	Notice	Angle
1	Fuel delivery max.	1050	200	20,8-21,5	0,8	1a*, 1b* x=1,1 mm	
2	Beginning of STOPPING	1080-1090				2*	
3	S T O P	max. 1190		0		3*	
4	Aut.START del.end	420-450				4*	
5	Corrector setting	800	200	21,2-22,0	1,0	6*	
6	Fuel delivery checking	500	200	20,2-21,2	1,2		
7	Insert B.P.C. into oper.					8*	
8	Adj.B.P.C.stop-screw.	500	200	13,5-14,5	1,3	9* p=0,000 MPa	
9	B.P.C.spring setting	500	200	+ 0,8-1,6		10* Q9<Q10 p=0,025 MPa	
10	Idle-speed del.STOP check.	400	300	6,0-6,5	1,5	5*, 5a* p=0,000 MPa	
11	Fuel delivery checking	350	200	min. 5,0		p=0,000 MPa	
12	Idle-speed STOP	max. 490		0			
13	Op.No.1 and STOP checking	1050	200	20,8-21,5	0,8	1c* p=0,050 MPa	
14	Start fuel delivery	100	50	8,5-9,5	0,8	7*	