

<h1 style="text-align: center;">조 정 데 이 터</h1> <h2 style="text-align: center;">INJ. PUMP CALIBRATION DATA</h2>				Ass'y No. : 104940-4250		
				ENG. Type :		
Drawing No. : 97 - 03 - 03 - 02 - 1				A kind of car :		
General Ass'y No. : KP-VE4/10F2100RNP....				Company :		
Pre - Stroke :				Date : 2003. 07. 04.		
				Pump rotation:Clockwise-viewed from drive side		
1. Test Conditions						
1-1	Nozzle : 105780-0000(KP-DN12SD12T)			1-4	Injection pipe : 2mm×6mm×840mm	
1-2	Nozzle holder : 105780-2080			1-5	Fuel oil temperature : 45 + 5℃	
1-3	Nozzle opening pressure : 150±5 Kg/cm ²			1-6	Supply pump pressure : 0.2 Kg/cm ²	
2. Setting		Pump speed (r/min)	Settings	Charge air pressure(mmHg)	Difference in delivery	
2-1	Timing device travel	800	0.8±0.2 mm		4.5	
2-2	Supply pump pressure	800	2.8±0.3 Kg/cm ²			
2-3	Full load delivery(FULL)	800	45.0±1.0 cc/1000st			
2-4	Idle speed regulation	500	7.0±2.0 cc/1000st		2.0	
2-5	Start	100	55.0~75.0 cc/1000st			
2-6	Full load speed regulation	1,430	14.0±3.0 cc/1000st			
2-7	Load-timer Adjustment	1,200	33.0±1.0 cc/1000st			
			T = 2.0±0.2 mm		5.5	
3. Test Specifications		Charge air pressure(mmHg)		550±10		
3-1	Timing device	N = r/min mm	800 0.8±0.4	1,200 2.8±0.4	1,300 3.4±0.2	
3-2	Supply pump	N = r/min Kg/cm ²	800 2.8±0.3	1,200 3.8±0.3	1,300 4.1±0.3	
3-3	Overflow delivery	N = r/min	800	cc/1000st	BCS Pressure	
3-4	Fuel injection quantities					
Speed control lever position		Pump speed (r/min)	Fuel delivery (cc/1000st)	Charge air pressure (mmHg)	4.Dimensions	
Full - load speed		500	(39.5±2.0)		K	3.3±0.1
		700	(44.0±2.0)		KF	5.8±0.1
		800	45.0±2.0		MS	1.0±0.1
		1200	(43.0±2.0)		BCS	
		1300	(40.0±1.0)		Control lever angle	
					α	(21. ± 4.)
Switch OFF Magnet valve		100	M/V OFF Q = 0	0	A	mm
Idling stop		600	(Below 3.0)	0	β	(38. ± 5.)
				0	B	mm
3-5	Solenoid valve	Max. cut-in voltage		8 V		
		Test voltage		12 ~ 14 V		