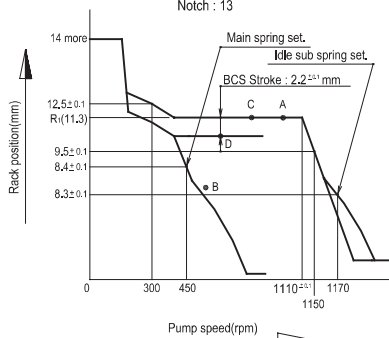


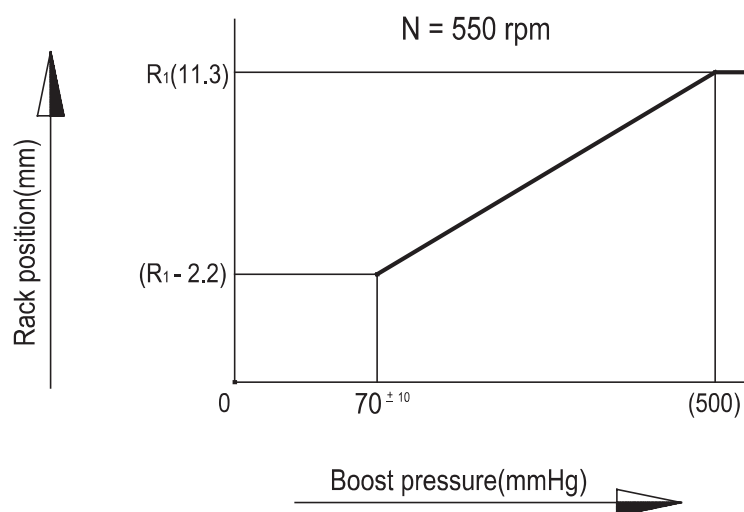
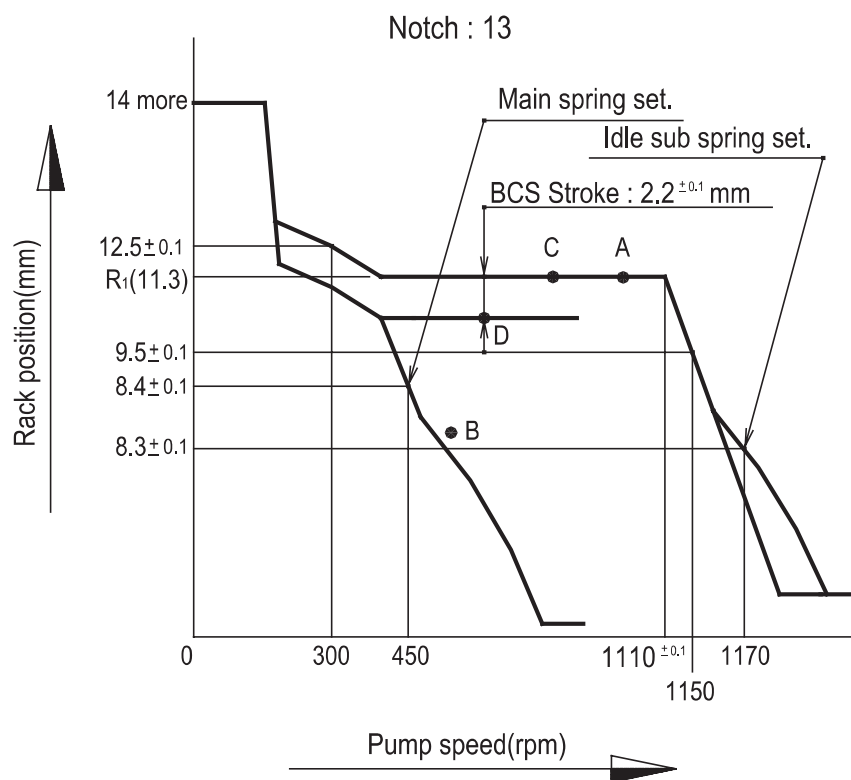
3) DE12TI (ECIEA, EBIEB), DE12TIA (EBIED, EBIEE, EBILA)

Bellow rack curve data are standard injection pump

- (1) Fuel injection pump : 65.11101-7378 (106675-4690 DOOWON)
 - Fuel injection pump : KP-PE6P120/720RS3S (106067-6220 DOOWON)
 - Governor : KP-EP/RSV200-1300PQ39C311(105407-759B)
 - Fuel feed pump : KP-FP/K-PS (105207-1540)
 - Coupling : 105663-0740
- (2) Nozzle holder assembly : 65.10101-7300 (105160-4351 DOOWON)
- (3) Nozzle : 65.10102-6046 (105029-1330 DOOWON)
- (4) Fuel injection pipe : 65.10301-6289
- (5) Injection order : 1 – 5 – 3 – 6 – 2 – 4

(A) Test condition for Fuel injection pump	Nozzle & Holder ass'y	105780-8140	Opening pressure :175 bar			
	Nozzle	105780-0000	-			
	Fuel Injection pipe (ID×OD-L)	-	φ3.0 × φ8.0 - 600 mm			
	Test oil	ISO4113	Temperature :40 ± 5 °C			
(B) Engine standard parts	Nozzle & holder ass'y	65.10102-6046	Nozzle (5 × φ0.31)			
		65.10101-7300	Opening pressure : 220 kg/cm ²			
	Fuel Injection pipe (ID×OD-L)	65.10301-6289	φ2.2 × φ6 - 650 mm			
Rack diagram and setting valve at each point						
		Check point	Rack position (mm)	Pump speed (rpm)	Injection Q`ty on RIG (mm ³ / 1,000st)	Pressure (mmHg)
					Test condition for inj. pump	
		A	R1(11.3)	1,050	155 ± 2	650 or more
		B	6.3	490	16 ± 1.5	-
		C	(R1)	700	(162)	650 or more
D	R1-2.2	550	(120)	-		
Governor weight	740 g	Lever ratio(min./max.)		1 : 1.2 / 1 : 1.2		
Governor spring	k = 7.2 kgf/mm	Boost compensator spring		k = 0.51 kgf/mm		
Idle sub spring	k = 1.2 kgf/mm	Adapter spring		k = 6.5 kgf/mm		
Start spring	k = 0.01 kgf/mm	Delivery valve	Retraction pressure	130mm ³ /st(φ8×2.6mm), t = 0.07		
Plunger	φ12 right hand 22+45 lead		Opening pressure	19.6 kgf/cm ²		
Idle spring	k = 1.9 kgf/mm		Spring	k = 0.87 kgf/mm		

(6) Performance curve of governor



EE6OM033