



ENGINE SPECIFICATION	
ENGINE MODEL	D1146
TYPE	4 CYCLE, WATER COOLED IN-LINE VERTICAL NA. DIESEL ENGINE
OUTPUT (1800rpm)	STAND BY 14.3ps (105kW) PRIME 130ps (98kW)
OUTPUT (1500rpm)	STAND BY 116ps (85kW) PRIME 105ps (77kW)
REVOLUTION	1800 rpm
NO OF CYL. - BORE x STROKE	6- 111 x 139(mm)
COMBUSTION SYSTEM	DIRECTION. INJECTION
FIRING ORDER	1- 5- 3- 6- 2- 4
COMP. RATIO	16.7 : 1
SWEPT VOLUME	8071 cc
INJ. PUMP	BOSCH IN-LINE "40" TYPE
GOVERNOR	R.S.V
INJ. NOZZLE OPENING PRESS.	220 kg/cm ²
INJ. TIMING	B.I.D.C 18°
ALTERNATOR	24V - 4.5kW
STARTER	24V - 4.5kW
LUBRICATION OIL CAPACITY	25 lit
COOLING WATER CAPACITY	11 lit
THERMOSTAT OPENING TEMP.	FULL 85°C OPEN 71°C
COOLING FAN(STEEL)	Ø590 6BLADES. BLOWER
DRY WEIGHT	Approx. 720 kg