

ENGINE SPECIFICATIONS : 3TNV88C-DKTF 3TNV88C-DYEM

COMPANY NAME			TONG YANG MOOLSAN
ENGINE MODEL			3TNV88C-DKTF
UNIT MODEL NAME			T384/RK37/T394
TYPE OF MACHINE			TRACTOR
1	TYPE		Vertical in-line 4-cycle water-cooled diesel engine
2	Combustion System		DIRECT INJECTION TYPE
3	Aspiration		NATURAL ASPIRATION
4	No. of Cylinders-Bore x Stroke	mm x mm	3-88x90
5	Displacement	Liter	1.642
6	Rated Engine Speed	rpm	3000
7	Output Rated	Output	27 (37)
		Cont. Rating	
8	Idling Speed	High	3150 +10/-10
		Low	950
9	Specific Fuel Consumption	g/kW h(g/ps h)	<= 256 (188)
10	Exhaust Gas	Rated Output	<= 615
	Temperature	Cont. Rating	
11	Compression Ratio	—	19.1 (Effective 17.2)
12	Fuel Injection Timing	degree	FIR 8.5+1.0/-1.0
13	Fuel Injection Pressure	MPa (kgf/cm ²)	
14	Rotation Direction		VIEWED FROM FLYWHEEL SIDE LEFT
15	Main power Take Off		FLYWHEEL SIDE
16	Governor		COMMON RAIL ECU
17	Cooling System		RADIATOR COOLING
18	Lubricating System		FORCIBLE LUBRICATION BY TROCHOID PUMP
19	Starting System		Electric starting(starting motor 12VDC-1.4kW)
20	Charging System		IC REGUALTOR BUILT-IN TYPE (DC12V -55A)
21	Starting Aid System		GLOW PLUG (SUPER QUICK GLOW PLUG)
22	Lube Oil	Rated Speed	0.36 +0.1/-0.05 (3.671 +1.02/-0.51)
	Pressure	Low idle Speed	
23	Oil Pan Capacity	LiterMax 4.0Effective 2.0	
24	Cooling Water Capacity	Liter	Engine 2.0
25	Fan type-Dia. x No. of Blades	mm	PULLER- DIA 380x7(ID mark :YA
26	Crank Pulley / fan Pulley	mm / mm	120O.D. / 110 O.D. Spacer mm thick
27	Sound Level (Engine Itself)	dB(A)	Rated Output <= 93Rated Output <= 89.5 Low<= 76
28	Smoke Density(Bosch)		<= 2.2
29	Engine Color		YANMAR BLACK
30	Air Cleaner		SEE SPEC SHEET (CUSTOMER-ARRANGED)
31	Muffler		(INSTALLED)
32	Flywheel		DIA 289ID mark 4K10
33	Radiator		)
34	C.W. Temp. switch		
35	C.W. Temp. sender		
36	Oil Press Switch	kg/cm ²	OIL PRESSURE SWITCH 0.5kg/cm ² FLAT TERMINAL
37	Fuel Filter		()

WATER SEPARATOR (CUSTOMER-ARRAN

#27:Sound measurement at 1m from engine outer face,
5 directions