

## YANMAR DIESEL ENGINES

### T-E-L100EE - 10 HP DIESEL ENGINE



#### Features

- 10 Horsepower
- Single cylinder, Air-cooled
- Direct Injected
- EPA & CARB Exhaust Emission Compliant
- Multiple PTO Shaft Options
- Electric and / or Recoil Start
- Counter-balanced

#### Specifications- Model L100EE

Engine model			L100EE-					
Engine spec. type			D	DE15A	DP	DEP15A	DG	DEG15A
1	Type	—	Single cylinder, 4-cycle, air-cooled diesel engine					
2	Combustion system	—	Direct injection ( DI )					
3	No. of cylinders- Bore x Stroke	n- mm X mm	1 - 86 X 72					
4	Displacement	liters	0.418					
5	Rated engine speed	rpm	3600					
6	Output @ rated speed	Rated Output	7.4 ( 10.0 )					
		Cont. rating	6.6 ( 9.0 )					
7	Speed at no load	Maximum	3780					
		Minimum	1200					
8	Compression ratio	—	20 : 1					
9	Fuel injection timing	bTDC (FIC) degrees	17.0 plus or minus 0.5					
10	Fuel injection pressure	MPa	19.6					
11	Fuel tank capacity	liters	5.4 ( std. spec.)					
12	Engine specification type (order code)	—	D	DE15A	DP	DEP15A	DG	DEG15A
13	PTO crankshaft	PTO type	Keyed	Keyed	Threaded	Threaded	Tapered	Tapered
		PTO position	Crankshaft					
		Rotation direction	Counter clockwise ( Viewed from PTO side )					
14	Balancer shaft	—	Single rotating balancer shaft					
15	Lube oil capacity	Full	1.65					
		Effective	0.6					
16	Lubrication system	—	Forced lubrication via trochoid pump					
17	Starting system	—	Recoil	Recoil and Electric	Recoil	Recoil and Electric	Recoil	Recoil and Electric
18	Charging system	—	None	15 amp Dynamo	None	15 amp Dynamo	None	15 amp Dynamo
19	Governor system	—	All-speed type, mechanical governor					
20	Governor regulation	Instantaneous speed difference	8% or less					
		Permanent speed change	5% or less					
		Recovery time	5 seconds or less					
		Speed fluctuations	30 rpm or less					
21	Noise level at continuous rating output	dB(A)	95.5 ( Mean of four directions, distance of 1 meter )					
22	Permissible angle of operation	Intermittant	30					
		Continuous	20					
23		degree						
24	Dry weight	kg ( lbs. )	48.5 (106.9)	54 (119.1)	48.5 (106.9)	54 (119.1)	48.5 (106.9)	54 (119.1)

Note: This table is subject to change without notice.