

TEMCO
HEAVY DUTY DIESEL ENGINE IIIII

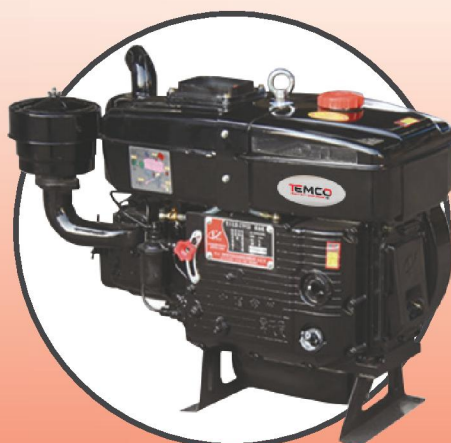


DIESEL ENGINE
HEAVY DUTY DIESEL ENGINE

DIESEL ENGINE



TCTF32M



TCTF22



TZS1130G(M)

TECHNOLOGY PARAMETER OF DIESEL ENGINE

MODEL		TCTF32M	TCTF22	TZS1130G(M)
Type		Horizontal, Single Cylinder, 4 Stroke, Water Cooling		
Combustion System		Direct Injection		
Cylinder Diameter (mm)		130	115	130
Piston Stroke (mm)		125	115	120
12-hour Rated Output (KW)		21.8	14.71	20.1
Max Output (KW)		24	16.18	22.11
Rated Speed (r/min)		2200		
Piston Exhaust Volume (L)		1.724	1.194	1.593
Compression Ratio		17.5:1	17:01	16.3:1
Mean Effective Pressure (Mpa)		721	671	686
Specific Fuel Consumption (g/kw-h)		240.7	230	240.7
Starting Method		Hand-cranking, Electro-Started		
Lubrication System		Pressure Splash Compound		
Net Weight (Kg)		≤215	≤195	≤215/225
Fuel Supply Advance Angle (BTDC)		21±1	16±1	22±1
Valve Clearance (Cold State)	Inlet Valve (mm)	0.35 ± 0.05		
	Exhaust Valve (mm)	0.45 ± 0.05		

DIESEL ENGINE



TZS1125G(M)



TL25



TZS1115G(M)

TECHNOLOGY PARAMETER OF DIESEL ENGINE

MODEL		TZS1125G(M)	TL25	TZS1115G(M)
Type		Horizontal, Single Cylinder, 4 Stroke, Water Cooling		
Combustion System		Direct Injection		
Cylinder Diameter (mm)		125	115	115
Piston Stroke (mm)		120	120	115
12-hour Rated Output (KW)		18.38	15.5	14.71
Max Output (KW)		20.22	17.05	16.18
Rated Speed (r/min)		2200		
Piston Exhaust Volume (L)		1.473	1.246	11.945
Compression Ratio		16:01	16.4:1	17:01
Mean Effective Pressure (Mpa)		681	678.5	671
Specific Fuel Consumption (g/kw-h)		240.7	244.8	242.1
Starting Method		Hand-cranking, Electro-Started		
Lubrication System		Pressure Splash Compound		
Net Weight (Kg)		≤215/225	≤195	≤200
Fuel Supply Advance Angle (BTDC)		22±1	22±1	22±1
Valve Clearance (Cold State)	Inlet Valve (mm)	0.35 ± 0.05		
	Exhaust Valve (mm)	0.45 ± 0.05		

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