



Performance Parameter

Item	1003-3Z	1003-3TZ	1004-4Z	1004-4TZ	1006-6TZ	1006-6TAZ
Cylinder number	3	3	4	4	6	6
Model	Pressurised water, In-line, 4 stroke, direct injection, dry cylinder liner					
Induction system	Naturally aspirated	Turbocharged	Naturally aspirated	Turbocharged	Turbocharged	Turbocharged & air intercooled
Bore x stroke (mm)	100 x 127	100 x 127	100 x 127	100 x 127	100 x 127	100 x 127
Displacement (L)	2.99	2.99	3.99	3.99	5.99	5.99
Compression ratio	16.5 : 1	16.5 : 1	16.5 : 1	17.5 : 1	17.5 : 1	17.5 : 1
Firing order	1, 2, 3	1, 2, 3	1, 3, 4, 2	1, 3, 4, 2	1, 5, 3, 6, 2, 4	1, 5, 3, 6, 2, 4
Rated power (kW)	2200r/min	---	50	75.6	97.6	134
	1800r/min	30	45	70	92	121
	1500r/min	25	36	---	---	---
Governing	≤10%	≤10%	≤10%	≤10%	≤10%	≤10%
Maximal torsion/ speed (N.m/r/min)	---	---	≥250/(1400-1600)	≥375/(1400-1600)	≥460/(1400-1600)	≥630/(1400-1600)
Weight (kg)	410	415	540	550	780	730
Electric system	Standard configuration 24V, optional 12V					
Overall dimensions (mm)L x W x H	1186 x 688 x 940	1186 x 688 x 940	1250 x 706 x 940	1250 x 706 x 940	1520 x 708 x 1100	1600 x 800 x 1050

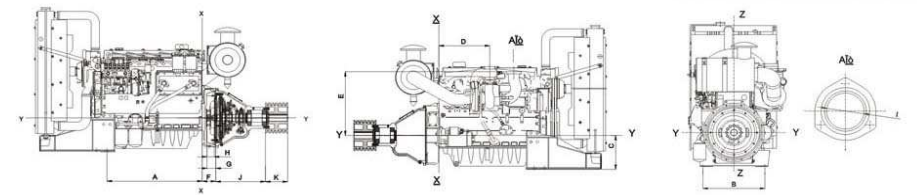


Leading technology, Strong power, Good fuel economy and environmental protection, Excellent manufacture

■ **Product advantage:**

1. The engine can be easily started without the help of pre-heater at the temperature of -10°C; and with the cold start aid at the temperature of -25°C.
2. With the radiator and independent fan drive, the engine can work well at an environmental temperature of 50°C.
3. The Instrument Control Box with the function of high water temperature, low oil pressure and over-speed alarming stop, makes more convenient and reliable operation.
4. Convenient for the customers' own installation, the air cleaner, radiator and underframe can be followed to assemble. And also the clutch can be applied according to the need of the customer.

Outline dimension



MODEL	A	B	C	D	E	F	G	H	I	J	K
1004-4Z	455.6	430.5+1.5	260.2	258.6	433.2	156.4	81.8	67.5	60	365	164
1004-4TZ	455.6	430.5+1.5	260.2	353.9	354	156.4	81.8	67.5	60	365	164
1006-6TZ	701.7	456.5+1.5	260.2	374.7	488	156.4	81.8	67.5	69	365	164
1006-6TAZ	701.7	430.5+1.5	260.2	551.69	488	156.4	81.8	67.5	69	365	164