

2-Stroke Horizontal Engines



TJ Series

Output : 0.63 kW (0.84 hp) - 2.0 kW (2.7 hp)

TK Series

Output : 2.9 kW (3.88 hp)





Engine Model	TJ23E	TJ27E	TJ35E	TJ45E	TJ53E	TK65
Engine Type	Air-cooled, 2-stroke, Single cylinder, Horizontal shaft					
Cylinders	1					
Bore x Stroke (mm)	32 x 29	34 x 29	37 x 32	42.5 x 32	44 x 35	48.5 x 35
Displacement (cc)	23.3	26.3	34.4	45.4	53.2	64.7
Max. Power (kW / hp)	0.63 / 0.84 @ 7500 rpm	0.77 / 1.03 @ 7500 rpm	1.03 / 1.38 @ 7000 rpm	1.42 / 1.9 @ 7500 rpm	2.0 / 2.7 @ 8500 rpm	2.9 / 3.88 @ 8000 rpm
Max. Torque (Nm / ft.lbs)	0.97 / 0.71 @ 5000 rpm	1.18 / 0.87 @ 5000 rpm	1.55 / 1.14 @ 5000 rpm	2.18 / 1.6 @ 5000 rpm	3.0 / 2.2 @ 5000 rpm	4.5 / 3.32 @ 5000 rpm
Fuel Tank Capacity (litres)	0.5		0.7	0.9	1.1	-
Dry Weight (kg)	2.6		3.1	3.9	4.5	4.4
Dimensions (L x W x H)	171 x 246 x 221 mm	171 x 253 x 221 mm	181 x 262 x 238 mm	189 x 264 x 262 mm	203 x 290 x 275 mm	172 x 346 x 261 mm

FEATURES

- Diaphragm carburetor (exc. TJ53E)
- Crankcase machined as a set (TJ53E)
- KAR start system
- Large volume purge port
- Polyurethane foam air filter (exc. TJ53E)
- Lightweight piston (TJ53E)
- Dynamically balanced flywheel (TJ53E)
- Full cover design
- Centrifugal clutch installed
- Felt air cleaner element (TJ23E)
- Low-tone muffler

TK65 FEATURES

- Specialised blower / sprayer engine
- Diaphragm carburettor
- Large muffler
- Large volume purge port
- Large paper element air cleaner
- 50:1 fuel mixture

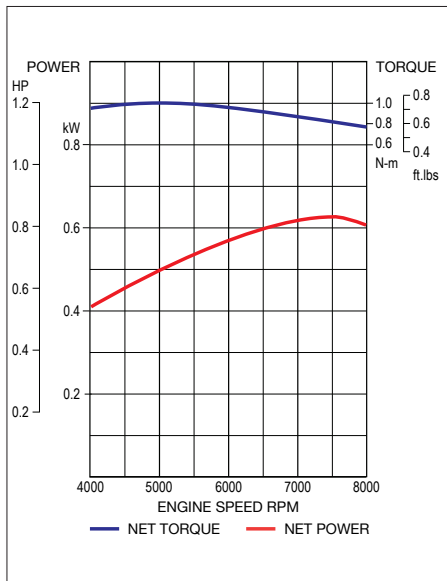
OPTIONS

- Kill switch (exc. TJ53E)

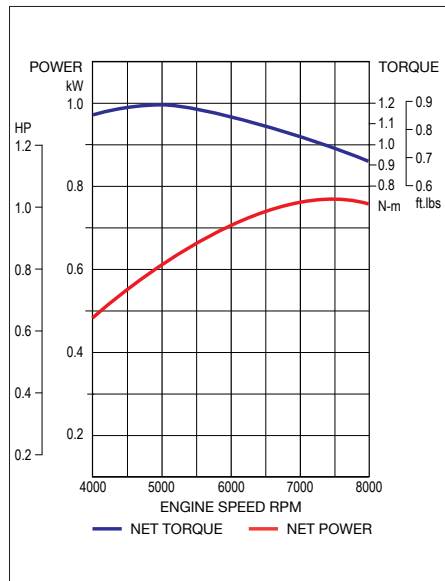
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POWER CURVES

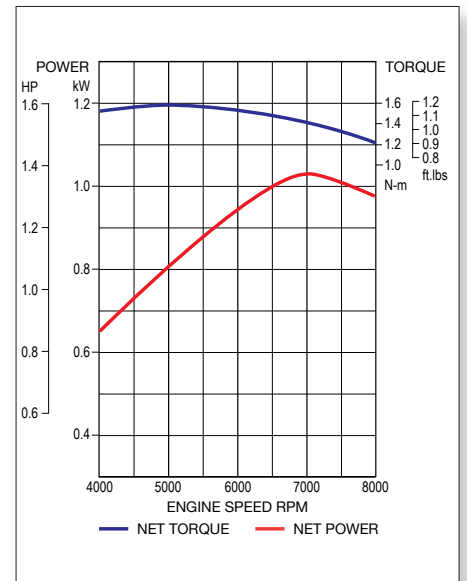
TJ23E



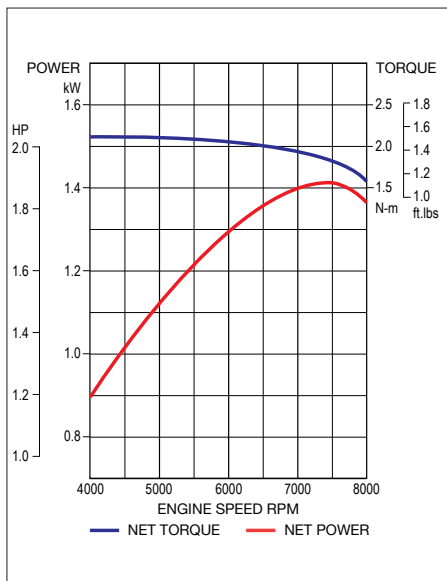
TJ27E



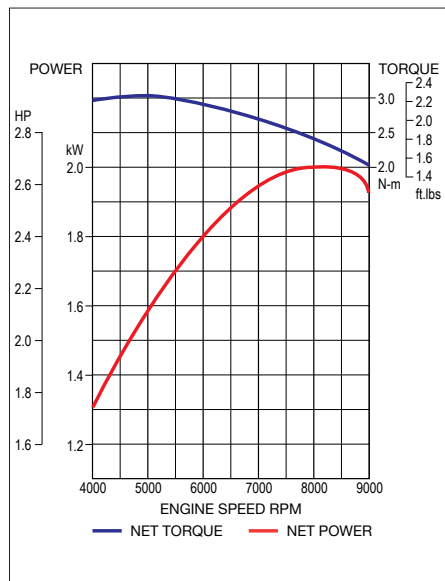
TJ35E



TJ45E



TJ53E



TK65

