

Technical Data					
		LPW2	LPW3	LPW4	LPWT4
Type of fuel injection		Direct	Direct	Direct	Direct
Number of cylinders		2	3	4	4
Aspiration		Natural	Natural	Natural	Turbocharged
Direction of rotation (flywheel end)		Anticlockwise	Anticlockwise	Anticlockwise	Anticlockwise
Nominal cylinder bore	mm	86.0	86.0	86.0	86.0
	in	3.39	3.39	3.39	3.39
Stroke	mm	80.0	80.0	80.0	80.0
	in	3.15	3.15	3.15	3.15
Total cylinder capacity	litre	0.930	1.395	1.860	1.860
Total cylinder capacity	in <sup>3</sup>	56.75	85.13	113.50	113.50
Compression ratio		18.5:1	18.5:1	18.5:1	16.2:1
Firing order (number 1 cylinder is at the gear end)		1 - 2	1 - 2 - 3	1 - 3 - 4 - 2	1 - 3 - 4 - 2
Minimum idling speed		Dependent on build	Dependent on build	Dependent on build	Dependent on build
Minimum full load speed	r/min	1500	1500	1500	1500
Number of flywheel ring gear teeth		96	96	96	96
Gear end power take-off <sup>3</sup> - maximum inline - maximum side load using a drive belt	kW	12	12	12	12
	bhp	16	16	16	16
	kW	0.8	0.8	0.8	0.8
	bhp	10.7	10.7	10.7	10.7
Maximum continuous crankshaft end thrust	kgf	180	180	180	180
	lbf	400	400	400	400
Maximum permissible intake restriction at full rated speed and load	mbar	25	25	25	25
	in	10	10	10	10
Maximum permissible exhaust back pressure	mbar	75	75	75	50
	in	30	30	30	20
Lubricating oil pressure at 3000r/min and with the oil at 110 °C (230 °F)	bar	2.0	2.0	2.0	2.0
	lbf/in <sup>2</sup>	29	29	29	29
Lubricating oil pressure at idle	bar	1.0	1.0	1.0	1.0
	lbf/in <sup>2</sup>	14.5	14.5	14.5	14.5

3. Subject to Lister Petter approval.

Variable Speed: Maximum Fuel Consumption								
The figures given are for 100% load and are subject to 5% tolerance.								
Model	Power	r/min	1500	1800	2000	2500	3000	3600
LPW2	Continuous	litre/hr	1.9	2.3	2.5	3.2	3.9	N/A
		US gal/hr	0.50	0.60	0.67	0.84	1.03	
LPW3		litre/hr	2.8	3.4	3.8	4.7	5.9	
		US gal/hr	0.75	0.90	1.00	1.25	1.55	
LPW4		litre/hr	3.8	4.6	5.0	6.3	7.8	
		US gal/hr	1.0	1.2	1.33	1.67	2.07	
LPWT4		litre/hr	4.9	6.0	7.1	8.8	10.6	
		US gal/hr	1.29	1.58	1.87	2.32	2.79	