



## TECHNICAL DATA B25G - 140/155 HP

<b>Engine Data</b>		
<b>Model</b>	B25G-L-140-A B25G-R-140-A	B25G-L-155-B B25G-R-155-B
<b>Type</b>	4 cylinder boxer	
<b>Displacement [cm<sup>3</sup> (in<sup>3</sup>)]</b>	2545 (155)	
<b>Weight [Kg (lbs)]</b>	84 (185) dry	
<b>Dimension L x W x H [mm (in)]</b>	568x758x451 (22.36x29.87x17.77)	
<b>Stroke X Bore [mm (in)]</b>	81x100 (3.18x3.93)	
<b>Compression Rate</b>	10.5÷1	
<b>Thermodynamic Cycle</b>	4 stroke fuel (Otto cycle)	
<b>Fuel</b>	Mo.GAS min. AKI 90, R.O.N. 95, M.O.N. 85, LL100	
<b>Cooling System</b>	Liquid with mechanical pump	
<b>Lubrication</b>	Semi-dry sump, pressure oil feed assisted with internal pump	
<b>Timing System</b>	2 valves per cylinder with O.H.C. (Over Head Camshaft)	
<b>Timing Driving System</b>	Gear + chain with automatic chain tensioner	
<b>Gear Box</b>		
<b>Reduction Ratio</b>	1÷1.731 (A type)	1÷1.958 (B type)
<b>Power Transmission</b>	Helical gear	
<b>Propeller Rotation</b>	Right (R) or Left (L)	
<b>Lubrication</b>	Oil splash lubrication with high viscosity oil type (not engine oil)	
<b>Electric</b>		
<b>Generator</b>	Oil cooled, 12V, 300W, voltage regulator 26A	
<b>Starter</b>	Electric 0.8kW with hydraulic decompression system	
<b>F.R.I.S. (Full Redundancy Injection System)</b>	FADEC, dual ECU and dual ignition; altitude and temperature compensating fuel injection and ignition system; CAN data export to EM-m	
<b>Performance</b>		
<b>Max Power [kW (HP)]</b>	107.3 (144) @ 4000 rpm	118.4 (159) @ 4700 rpm
<b>Max Torque [Nm (Ft-lb)]</b>	257 (189.5) @ 4000 rpm	259 (188.8) @ 4300 rpm
<b>Max Continue Power [KW (HP)]</b>	87.9 (118) @ 4000 rpm	95.4 (128) @ 4400 rpm
<b>Power/Weight [HP/Kg (lbs)]</b>	1.71 (0.78)	1.89 (0.86)
<b>Fuel Cons. [L/h (USG/h)]</b>	26 (6.86) @ 110 HP	30 (7.9) @ 130 HP
<b>TBO [h]</b>	1800	1500

