

### Technical data - ALBIN petrol

	Engine Type					
	O-11	O-21	O-41	O-411	O-22	AL-23
<b>No. of cylinders</b>	1	2	4	4	2	2
<b>Cycle</b>	4-stroke	4-stroke	4-stroke	4-stroke	4-stroke	4-stroke
<b>Bore</b>	78mm	78mm	78mm	78mm	78mm	90mm
<b>Stroke</b>	92mm	92mm	92mm	92mm	92mm	110mm
<b>Cylinder capacity</b>	0,44 l	0,88 l	1,76 l	1,76 l	0,88 l	1,40 l
<b>Compression ratio</b>	5,6:1	5,6:1	5,6:1	5,6:1	5,6:1	5,6:1
<b>Output at 1600 rpm (O-411 2500 rpm)</b>	6 SAE -hp	12 SAE -hp	24 SAE -hp	42 SAE -hp	12 SAE -hp	15 SAE -hp
<b>Fuel consumption at 1400 rpm</b>	235 g/hkh	240 g/hkh	240 g/hkh	235 g/hkh	240 g/hkh	240 g/hkh
<b>Tappet clearance cold engine (intake)</b>	0,20mm	0,20mm	0,20mm	0,20mm	0,20mm	0,20mm
<b>Tappet clearance cold engine (outlet)</b>	0,25mm	0,25mm	0,25mm	0,25mm	0,25mm	0,25mm
<b>Valve diameter (intake)</b>	29mm	29mm	29mm	35mm	29mm	38mm
<b>Valve diameter (outlet)</b>	29mm	29mm	29mm	31,5mm	29mm	33mm
<b>Valve &amp; Valveseat angle (degrees)</b>	45	45	45	45	45	45
<b>Valve (mm)</b>	0,02-0,04	0,02-0,04	0,02-0,04	0,02-0,04	0,02-0,04	0,015-0,04
<b>Big end bearing clearance (mm)</b>	0,015- 0,035	0,015- 0,035	0,020- 0,040	0,020- 0,040	0,015- 0,035	0,020- 0,040
<b>Tightening torque cylinder head (kpm)</b>	6,9	6,9	6,9	6,9	6,2	8,3
<b>Tightening torque bearing nuts (kpm)</b>	3,5-4,1	3,5-4,1	3,5-4,1	3,5-4,1	3,5-4,1	4,1-4,8
<b>Tightening torque crankshaft bearing nuts (kpm)</b>	n/a	n/a	10	10	n/a	n/a
<b>Oil capacity, engine</b>	0,5 l	1,4 l	3,3 l	5,0 l	1,6 l	1,7 l
<b>Oil capacity, reverse gear</b>	1,0 l	1,0 l	1,7 l	1,7 l	n/a	1,7 l
<b>Oil pressure warm engine (kg/cm<sup>2</sup>)</b>	1,5-2,5	1,5-2,5	1,5-2,5	2,0-3,0	1,5-2,5	1,5-2,5
<b>Oil quality/viscosity</b>	SAE30	SAE30	SAE30	SAE30	SAE30	SAE30
<b>Contact breaker gap</b>	0,4mm	0,4mm	0,4mm	0,4mm	0,4mm	0,4mm
<b>Spark plug (Bosch)</b>	M 12 B	M 12 B	M 12 B	M 8 AC	M 12 B	M 12 B
<b>Spark gap</b>	0,6 mm	0,6 mm	0,7 mm	0,7 mm	0,6 mm	0,6 mm