



Sunbeam 500cc OHV

Tel:
email :

+44 (0) 7803 669862
sales@sunbeamland.com

Piston	Identification	441281	441282
	Ring set	1012283169	1012283189
	Nominal over-size (in)	0.020	0.040
	Nominal finished bore size (in)	3.170	3.190
	Nominal compression ratio	7.5 : 1	7.5 : 1
	Compression height (in)	1.075	1.075
	Pin diameter (in)	0.875	0.875
	Weight (g)	303	307
	Material	2618 - low silicon	2618 - low silicon
	Piston-bore clearance (in)	0.003 - 0.004	0.003 - 0.004
	Top ring gap (in)	0.013 - 0.019	0.013 - 0.019
	Second ring gap (in)	0.011 - 0.019	0.011 - 0.019
	Oil control ring gap (in)	0.063 - 0.190	0.064 - 0.191

Rings		Min	Max
	Top ring gap (per in of bore)	0.004	0.006
	Second ring gap (per in of bore)	0.0035	0.006
	Oil control ring gap (per in or bore)	0.020	0.060

Important

Piston-bore clearance is diametral measured at the bottom of piston skirt, front to rear
Dimensions are nominal values, the cylinder must be bored to suit the piston.
Rings are fitted with marks or writing to the top
Check and adjust the ring gaps before fitting rings to piston
Check piston pin is a light, sliding fit in the little end
Check compression ratio before running
Check head and valve clearances before running
Minimum piston-head clearance (in) 0.055 - 0.060
Minimum piston-valve clearance (in) IN 0.090 - EX 0.110