

ROTAX FR125 MICRO MAX FICHE CHECK SHEET



AUTHORISED SERVICE CENTRE _____

CUSTOMER _____ **DATE** _____

ENGINE No. _____ **ID.CARD No.** _____

NEW SEAL No. _____ **OLD SEAL No.** _____

LAST SEALED BY _____ **DATE OF LAST SEAL** _____

REASON FOR REBUILD / RESEAL _____

CYLINDER BORE SIZE 54.035 Max. _____

CYLINDER No. (from year 07 onwards) _____ **CYLINDER YEAR / LETTERS** _____

CYLINDER HEIGHT 87.0 mm -0.05/+0.1mm (86.95mm Min. 87.1 mm Max.) _____

PISTON SIZE _____

Ex. PORT HEIGHT 31.6 mm (**223999 CYLINDER ONLY**) (Port height is minimum measurement from TDC) _____

STROKE 54.5 mm +/- 0.1 mm _____

CYLINDER HEAD HEIGHT 28.8 mm +/-0.1mm _____

SQUISH 2.4 mm Min.- 2.6 mm Max. **(The average value of the two measurements. To be measured on both sides across the piston, along the piston pin axis, using 3.0 mm solder)** _____

CYLINDER HEAD VOLUME 11.4cc Min. _____

ROTAX Ex. GAUGE (223998 & 223994 cyl. refer to fiche) _____

REED VALVE SPACER THICKNESS PLATE 0.7mm +/- 0.08mm _____

2 REED GASKETS _____

REEDS 0.6 mm +/- 0.1 mm _____

METAL BASE GASKET 1.15 mm _____

New parts fitted / used parts changed:

	New	Used		New	Used
Cylinder			Balance Gears		
Piston & Ring			Drive Gear		
Ring			Idle Gear		
Piston Pin			Water pump pinion		
Small End Cage			Cylinder Head		
Con Rod Assy			Gasket Set		
Complete Crank			Reed Block		
Main Bearings			Reed Petals		
Crank Oil Seal (Drive Side)			Reed Rubber		
Crank Oil Seal (Gear Side)			Reed Block Gasket		
Water Pump Seals			Gear Circlips		
Water pump imp.kit			Crank Case Gasket		
Balance Shaft Brg.232291			Gear Case Gasket		
Balance Shaft Brg.232341			Carb Gasket Set		
Balance Shaft			Pulse Pipe		
Cylinder Hone			Exhaust Ring		
			Bolt Set		
Log Book			Fuel Pump Kit		
Cylinder Weld			Engine Stickers		

Before Measurement	
Dyno HP	
Squish	
Reeds	
Restrictor	
Piston	
Crank R.O	
B Shaft	
Gear 1	
Gear 2	
After Measurements	
Dyno HP	
Squish	
Reeds	
Restrictor	
Piston	
Crank R.O	
B Shaft	
Gear 1	
Gear 2	
