

ROTAX FR125 MINI 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. CHORD (223999 & 223998 CYLINDERS ONLY) 36.5 mm Max. _____

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

STROKE 54.5 mm +/- 0.1 mm _____

CYLINDER HEAD HEIGHT 27.55 mm +0/-0.1mm (27.55 mm Max. 27.45mm Min.) _____

CYLINDER HEAD HEIGHT 28.8 mm +/-0.2mm _____

SQUISH 1.2 mm Min.- 1.6 mm Max. (The average value of the two measurements. To be measured on both sides across the piston, along the piston pin axis, using 2.0 mm solder) _____

CYLINDER HEAD VOLUME 11.4cc Min. _____ (Cylinder head volume measured to top of spark plug seat with piston at TDC with TQF oil using a Class 'A' Burette, or Digital Burette)

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

REEDS 0.6 mm +/- 0.08 mm _____

New parts fitted / used parts changed:

	New	Used		New	Used	Before Measurement	
Cylinder			Balance Gears			Dyno HP	
Piston & Ring			Drive Gear			Squish	
Ring			Idle Gear			Reeds	
Piston Pin			Water pump pinion			Restrictor	
Small End Cage			Cylinder Head			Piston	
Con Rod Assy			Gasket Set			Crank R.O	
Complete Crank			Reed Block			B Shaft	
Main Bearings			Reed Petals			Gear 1	
Crank Oil Seal (Drive Side)			Reed Rubber			Gear 2	
Crank Oil Seal (Gear Side)			Reed Block Gasket			After Measurements	
Water Pump Seals			Gear Circlips			Dyno HP	
Water pump imp.kit			Crank Case Gasket			Squish	
Balance Shaft Brg.232291			Gear Case Gasket			Reeds	
Balance Shaft Brg.232341			Carb Gasket Set			Restrictor	
Balance Shaft						Piston	
			Exhaust Ring			Crank R.O	
			Bolt Set			B Shaft	
Log Book			Fuel Pump Kit			Gear 1	
Cylinder Weld			Engine Stickers			Gear 2	