

Revision	Change	Approved	Date
0	Initial release	mje	29/2/2016
1	Revision of images	mje	12/4/2017



SI-0004 SUPPLIMENTARY INSTRUCTION

DESCRIPTION OF AIRMASTER PRODUCT CODES

Introduction

Airmaster Propellers are described by a combination of letters and numbers which define the configuration of that system or part. This document summarises the codes used to define complete propeller systems and the first level of componentry.

Propellers

Hub | Blades | Extension | Spinner | Controller | Slipring

Product	AP	Airmaster Propeller
Hub	nnnLLL	Hub descriptor
Blades	LLnnLL	Blade descriptor
Extension	Lnnn	Extension descriptor
Spinner	nn.nL	Spinner descriptor
Controller	nnnL	Controller descriptor
Slipring	LL	Slipring descriptor



Example AP420CTFH-SNR70E-RE3.75-9.0M-200F1.5-RM

Hub

Series | #Blades | Version | Rotation | Orientation | Special Functions

Series	3	57mm ferrule ~40Hp / blade
	3S	57mm (steel) ferrule ~45hp / blade
	4	70mm ferrule ~50Hp / blade
	5	80mm ferrule ~60Hp / blade
# Blades	2 ,3	2 ,3 stocked. 4,5 on request
Version	0	Rotax mount (4in PCD)
	1	Rotax mount thick wall
	2	Rotax mount cast body
	3	SAE-1 mount
Rotation	C, A	Clockwise, Anti-clockwise
Orientation	T,P	Tractor, Pusher
Special Functions	F, R	Feather, Reverse
PC Motor	H	High speed



Example 420CTFH

Blades

Manufacturer | Rotation | Diameter | Profile Code

Manufacturer	WW	Whirlwind
	SN	Sensenich
	WD	Warpdrive
	KV	Kiev
	BY	Bolly
	ST	Sterna
	NF	Neuform
Rotation	R, L	Right, Left
Diameter	xx	Diameter in inches
Profile	L	Profile code

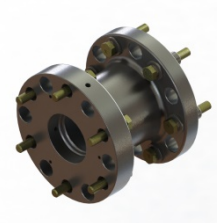


Example SNR70E

Extension

Mount | Type | Length

Mount	R	Rotax (4in PCD, 13mm bush, 5/16unf bolt)
	H	Hirth (100mm no bush, 8mm bolt)
	C	Continental (SAE-1)
	L	Lycoming (SAE-2)
	V	Viking
Type	E, S	Extension, Spacer
Length	x.xx	Length in inches



Example RE3.75

Spinner

Diameter | Finish

Diameter	xx.x	Diameter in inches
Finish	P	Polished
	M	Matte (for painting)
	W	Painted (gloss white)



Example 9.0P

Controller

Series | Special Function | Loom Length

Series	200	Current series
Special Function	F, R	Feathering, Reversing
Loom Length	x.x	Length in metres



Example 200F1.5

Slipring

Type | Length

Type	RS	Rotax standard
	RM	Rotax mini
	US	UL standard
	UC	UL SAE-1
	JS	Jabiru Standard
Length	xx	Length of extender in mm (when used)



Example RM