

# Power Slow Fly motors



**Power 280 Slow Fly** No. 4468

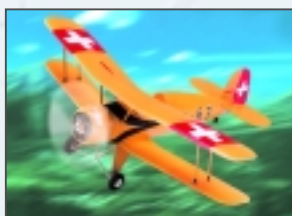
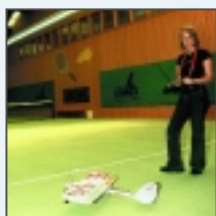
The Power 280 Slow Fly motor is ideal for use in small, lightweight models (aircraft, boats etc.). When fitted with a gearbox it can drive propellers up to 10" diameter. The Power 280 is the standard motor used in the Buecker Jungmeister and Mad Max.



**Power 300 Slow Fly** No. 4469

High-performance 300-class electric motor, with a very wide operating voltage range: the motor develops useful power on as little as 1.2 V. For Slow Fly models this makes the 300 an excellent choice as a „hot-ter“ motor. Installed in the Mad Max and fitted with an APC 9 x 6 Slow Fly propeller you can expect a breath-taking performance in the air.

Type No.	Power 280 Slow Fly 4468	Power 300 Slow Fly 4469
Nominal voltage	6 V	6 V
Operating voltage range	4.5 - 6 V	1.2 - 6 V
No-load speed	14.000 rpm	29.000 rpm
No-load current drain	0.275 A	0.7 A
Current drain at max. efficiency	1.58 A	5 A
Stall current	6.8 A	28 A
Max. efficiency excl. gearbox	58.2%	65%
Case length, excl. shaft	30.5 mm	30.8 mm
Diameter	28.8 mm	24.4 mm
Free shaft length	11 mm	7 mm
Shaft diameter	2 mm	2 mm
Weight	42 g	50 g



# Slow Fly-Accessories



## Slow Fly suppressor set No. 4004

A suppressor set designed specifically for the Power 280 Slow Fly, Power 300 Slow Fly and similar motors, using micro-sized components. Ideal for all Slow Fly models.

Contents:  
 1 x 47 nF capacitor  
 2 x 100 nF capacitor  
 1 x ferrite ring, 9.5 Ø / 4.75 Ø x 9.5  
 1 x insulating sleeve, 1 / 1.5 Ø x 60



## Power Gear 1:4 Slow Fly, white No. 4480

## Power Gear 1:4.5 Slow Fly, yellow No. 4481

## Power Gear 1:5 Slow Fly, green No. 4482

## Power Gear 1:6 Slow Fly, red No. 4483

Replacement gearboxes for our Slow Fly models. Also suitable for own-design models, or for fine-tuning the motor and propeller to suit a particular model.

Weight:  
 Power Gear 1:4 - 1:5 approx. 8g  
 Power Gear 1:6 approx. 10g



Power 280 motor				
Gearbox	Voltage	Propeller	Speed	Current drain
1:4	7.2 V	10 x 7	2970 rpm	3.00 A
1:4	7.2 V	10 x 4.7	2940 rpm	3.00 A
1:4.5	7.2 V	10 x 7	2880 rpm	2.34 A
1:5.5	7.2 V	11 x 4.7	2700 rpm	1.90 A

Power 300 motor				
Gearbox	Voltage	Propeller	Speed	Current drain
1:4.5	7.2 V	10 x 4.7	4380 rpm	9.60 A
1:4.5	7.2 V	9 x 6	4450 rpm	9.20 A
1:4	8.4 V	9 x 6	4780 rpm	10.70 A
1:4.5	8.4 V	9 x 6	4450 rpm	9.90 A