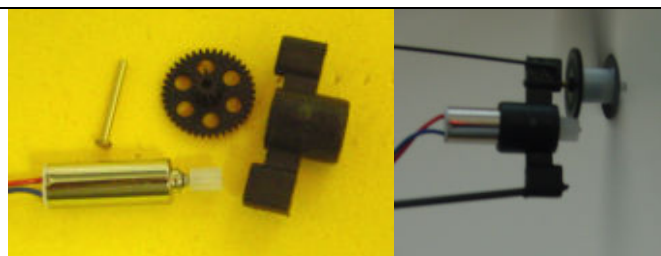


Gearbox for below 10gram flyers

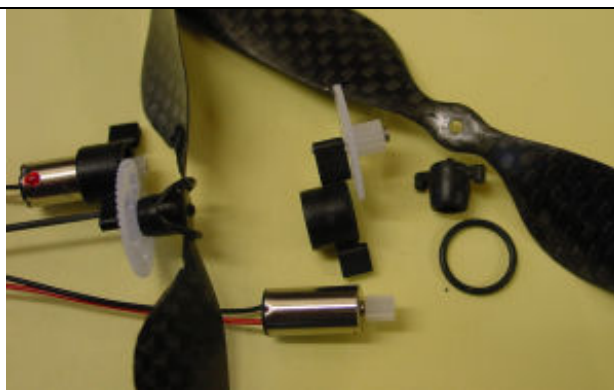
Didel developed a 4mm and a 6mm carter so you can use gears and have a lot more thrust than with direct drive. Tricky spacing of holes allows for 4 gear factors. Fixture to the fuselage with down or side thrust is easy to imagine and test.



For 6mm pagers, the gearbox includes a prop-saver connector. Ratio is 5.3 . Weight without motor and propeller 0.53g

Expected thrust and current at 3.7V with carbon prop, total weight 2,4g.

Mk06-4.5 Ohm 10 grams 400mA
Mk06-10 Ohm 4 grams 110 mA



Gears is to your choice :

12-40 ratio 3.33

9-40 ratio 4.44

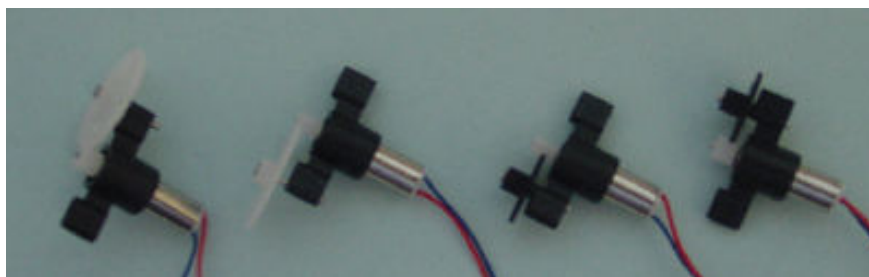
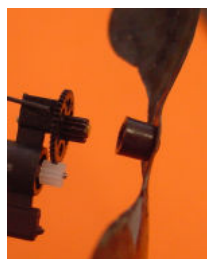
12-60 ratio 5

9-60 ratio 6.66

Selection depends on the propeller.

Expected thrust and current at 3.7V with carbon prop, total weight 1.8g.

Mk04-10 Ohm 4 grams 180 mA



The 2005 yellow gearbox family you may find on Didel Website is not available any more.
See www.didel.com/Order.xls for prices