

1. Parts list:

Description:	Material	Quant.	Size
Upper casing			
Lower casing	PVC	1	
Double gears	PVC	3	8/24 teeth (2 mm bore)
Spare gear	PVC	1	8/24 teeth (2 mm bore)
Motor drive gear	PVC	1	8 teeth (2mm bore)
	PVC	1	8 teeth (1mm bore)
Solar Motor		1	∅ 25 x 12 mm
Drive shaft	Steel	1	∅ 2 x 50 mm

2. Informationens:

Démultiplication:

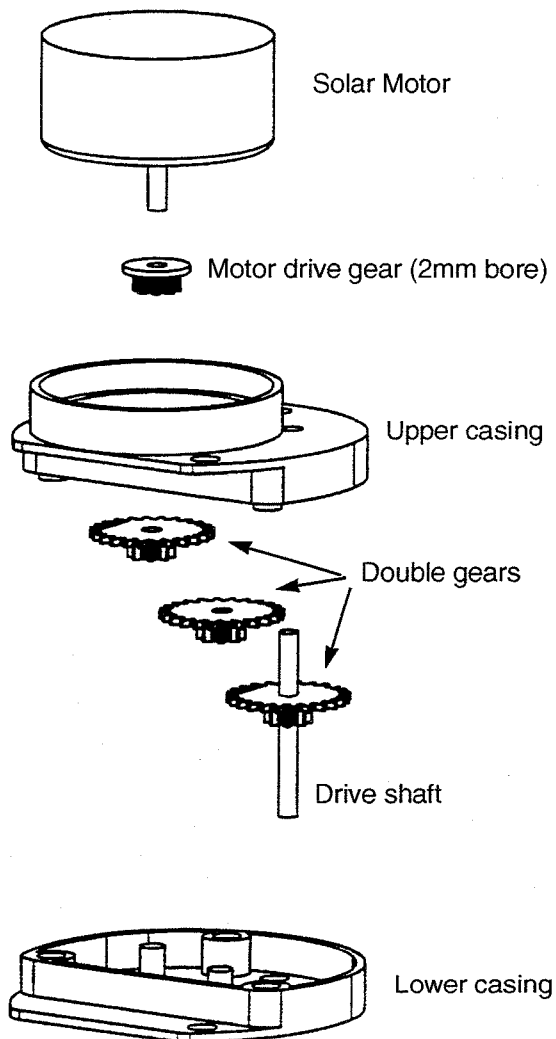
9 : 1 = 2 gears

27 : 1 = 3 gears (shown in diagram)

Note:

To achieve a quieter, smooth running of the gears and shaft, lubricate them with grease or sewing machine oil.

3. Assembly:



Assembly:

- remove and clean up parts
- remove the plastic ring from the solar motor
- Insert the drive shaft into one of the double gears. (gear should be mounted as shown)
- insert the motor and drive gear (2 mm bore) into the upper casing and adjust the the drive gear according to the required ratio so that it will mesh correctly.
- once the gears are assembled check that they will turn easily and and then glue the upper and lower casing together,