

MATERIAL LIST (PAGE 1 OF 2)

1/8 DIA. BRASS TUBE (SUN)– MCMASTER CARR #8859K19

5/32 DIA. BRASS TUBE (MERCURY)– MCMASTER CARR #8859K21

3/16 DIA. BRASS TUBE (VENUS)– MCMASTER CARR #8859K22

7/32 DIA. BRASS TUBE (EARTH)– MCMASTER CARR #8859K23

1/4 DIA. BRASS TUBE (EARTH RING)– MCMASTER CARR #8859K24

9/32 DIA. BRASS TUBE (MARS)– MCMASTER CARR #8859K25

5/16 DIA. BRASS TUBE (JUPITER)– MCMASTER CARR #8859K26

11/32 DIA. BRASS TUBE (SATURN)– MCMASTER CARR #8859K27

3/8 DIA. BRASS TUBE (URANUS)– MCMASTER CARR #8859K28

13/32 DIA. BRASS TUBE (NEPTUNE)– MCMASTER CARR #8859K29

12VDC, 30RPM, 37MM ELECTRIC MINI GEARBOX MOTOR F. HOBBY
EBAY– (MARCMART.USA)

Specifications:

Torque: 120 N*cm

12V DC

Amp draw: 200 – 600mA

30RPM

Diameter: 37mm

Length (excluding shaft): 49mm

Shaft length: 21mm

Total length: 70mm

Shaft diameter: 6mm

Weight: 144g

POWER SUPPLY–120VAC IN, 12VDC OUT, 600ma(MIN) W/5MM PLUG
AMAZON OR EBAY

POWER SUPPLY MATING 5.5MM X 2.1MM DC POWER JACK SOCKET
FEMALE PANEL MOUNT CONNECTOR PLUG– AMAZON OR EBAY

DPDT SWITCH (ON–OFF–ON) 3 POSITION– AMAZON OR EBAY

16 GA. STRANDED BLACK AND RED WIRE 12” EACH– HOME DEPOT

#10–24 THREADED ROD X 8 5/8” LG. (7)– HOME DEPOT

#8–32 X 1 1/4 MACHINE SCREW (2)– HOME DEPOT

#8–32 NYLON LOCKNUT (2)– HOME DEPOT