

5-285rpm DC 24 V worm gear motor 1-52 kg cm high torque D shaft 12 V motor turntable door Self-locking

characteristics

Application: Industrial application, home application, home automation such as windows, doors, mini winch, grill motor, boat, car, electric bike, fan, robot, showcases, electric door, electric curtains, electric racks, grill machine, barbecue areas, bank devices, safe boxes, paper feeders, smart gas meters, tissue machines, auto parts, advertising equipment, DIY model making, etc.

smooth running, reversible, high torque, full metal gear.

With self-locking function, small size, easy to install

High torque and low noise

the motor is built-in and is used for installation in numerous applications. and the dimensions requirements to be installed strictly occasion.

DC worm gear motor, CW CCW direction can be changed through various links.

Specifications

Efficiency: IE 2

Working voltage: DC12V / 24V

Idle speed: 5-285RPM

Loading speed: please see the picture

Rated torque: please see the picture

Rated current: please see the picture

Shaft diameter: 8mm

Import protection class: IP50

Box materials: zinc alloy, zinc plating

Gear material: metal

Worm gear materials: POM

Screw materials: Cu (Cuprum)

Danger

DC motors should connect to DC power supply. If you exchange the positive pole and negative pole of the DC power supply, the direction of rotation of the motor will change.

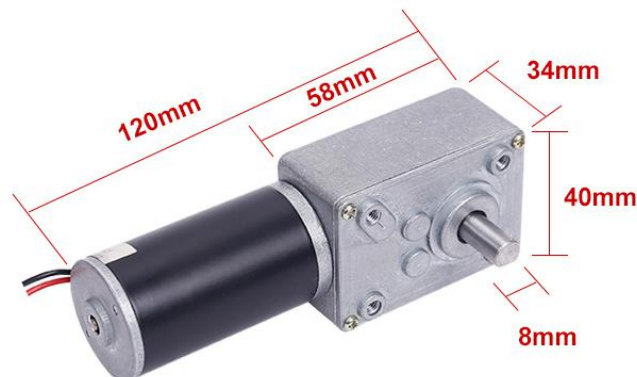
description

The worm gear has the self-locking function. This means that the drive shaft will not rotate when it is switched off. Gearbox output shaft and motor shaft are arranged vertically so that the length of entire motor output shaft is relatively short as a general gear motor.

Fast speed, nominal torque small. Speed slow, rated torque great, they are inversely proportional.

Attention

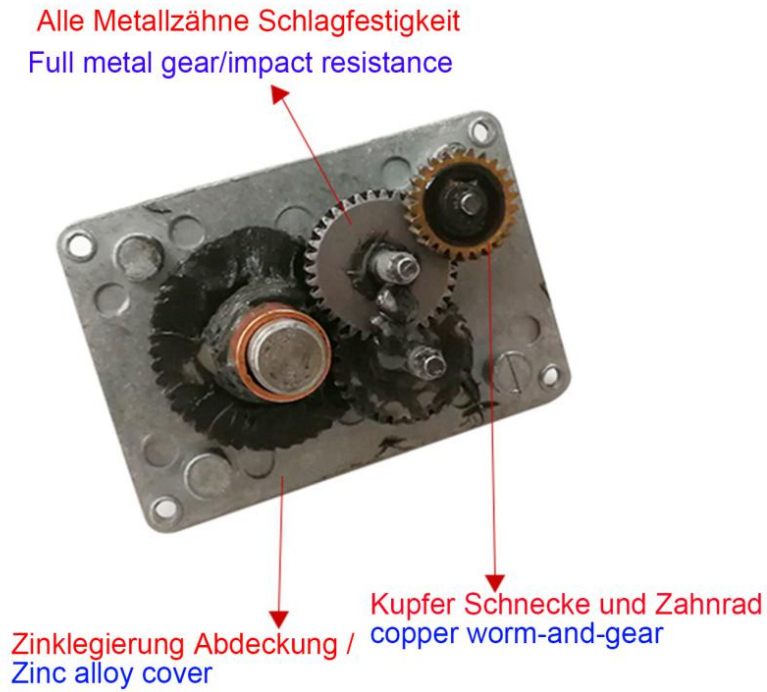
You can use our accessories together with these worm gears. such as clutches, wheel, sprocket, switch, smooth shaft, speed controller, fuse



SC31ZY Product parameter table

voltage (V)	No-load speed Leerlaufdrehzahl (r/min)	Rated speed/ Nennspeed	Rated torque/ Nenn Drehmoment (kg. cm)	Rated current / Nennstrom (mA)	weight (g)
12V	5	3.75	27	570	350g
	10	7.5	46	1650	
	15	11.25	45	1800	
	28	21	20	1720	
	35	26.25	16	1700	
	50	37.5	6	1350	
	65	48.75	7.5	1500	
	80	60	10.5	1725	
	108	81	5.5	1725	
	132	99	3.2	1650	
	160	120	4	1725	
285	214	1	1725		
24V	5	3.75	30	380	
	10	7.5	52	1050	
	15	11.25	50	1200	
	28	21	24.15	1150	
	35	26.25	18.1	1125	
	50	37.5	7	920	
	65	48.75	8.625	1000	
	80	60	12.5	1150	
	108	81	6.325	1150	
	132	99	4	1050	
	160	120	4.6	1150	
285	214	1.15	1150		

Getriebe intern Strukturdiagramm / internal Structure diagram



Gleichstrommotorspule / DC motor coil

