

## Model instruction

### BLDC Motor

57      DMW      (H)      75 - 24      20  
 ①      ②      ③      ④      ⑤      ⑥

①	57	Motor frame: 57mm
②	DMW	Brushless dc motor
③	H	H:high torque type R:round type O:outer rotor type
④	75	Motor Body length:75mm
⑤	24	Rated voltage:24VDC
⑥	20	Rated speed:2000rpm

### Servo Motor

8      1      1      0      0      48      53 - 001  
 ①      ②      ③      ④      ⑤      ⑥      ⑦      ⑧

①	8	Motor frame 8:80mm,6:60mm,4:40mm
②	1	1:9slots 3 pairs of pole 2:9slots 4 pairs of pole 3:12slots 5 pairs of pole
③	1	1:Optical encoder 2:Magnetoelectric encoder 3:Hallsensor 4:without hall sensor
④	0	0:No brake 1:Power on brake 2:Power off brake
⑤	0	0:external driver 1:Built-in driver
⑥	48	Rated Voltage:48V
⑦	53	Rated power:530W
⑧	001	Serial number

## Stepper motor

SD      28      H      2 32 -      05      04  
 ①      ②      ③      ④ ⑤      ⑥      ⑦

①	SD	Company name
②	28	Motor frame: 28mm
③	H	H: leadwire IP:Waterproof IP65
④	2	Number of phases;2,3,5
⑤	32	Motor length:32mm
⑥	05	Current:0.5A
⑦	04	04:4 leadwires 06:6 leadwires 08:8 leadwires

## Planetary gear box

56      JXE      300K      23      G12  
 ①      ②      ③      ④      ⑤

①	56	Gearbox OD size: 56mm
②	JXE	Gearbox type:JX planetary gearbox basic code G-Planetary gear shaft needle bearing configuration E-Manufactured metal ring gear E- Manufacture powder metallurgy ring gear L-Manufacture plastic ring gear No suffix code behind JX, it means manufactured metal ring gear
③	300K	Gearbox rated torque up to 30N.m (300kg.cm)
④	23	Gear ratio 1:23
⑤	G12	G - Ball bearing , Output shaft OD 12mm H - Sleeve bearing, for example H12