

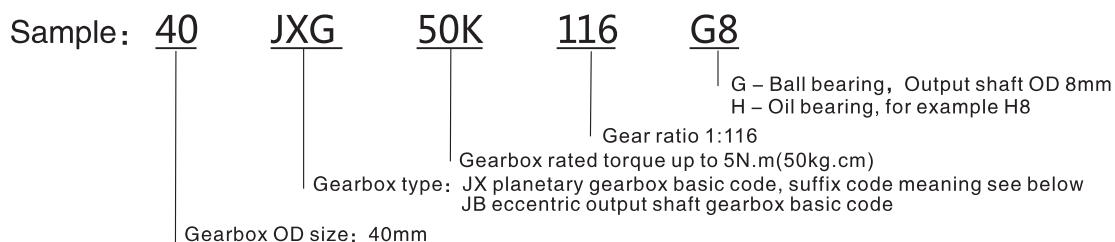
CODING SYSTEM FOR DC GEAR MOTOR

● Code sample

40JXG50K116G8 / 40ZYN68-2430



● Indications of the gearbox model number



Planetary gearbox suffix code meaning:

G–Planetary gear shaft needle bearing configuration, E– Manufactured metal ring gear,
 F– Manufacture powder metallurgy ring gear, L–Manufacture plastic ring gear。
 No suffix code behind JX, it means manufactured metal ring gear.

● Indications of the motor model number

40	ZYN	68	—	24	30
Motor Frame	Motor Type	Motor Length	Line	Rated Voltge	No-load Speed
36: Φ36	ZY: PM DC Motor	68 : 68mm	—	12: 12VDC	20: 2000rpm
40: Φ40	ZYN: Rare Earth Magnet DC Motor			24: 24VDC	30: 3000rpm
45: Φ45	ZWN: Brushless DC Motor			36: 36VDC	40: 4000rpm
42: □42	STH: Hybrid Stepping Motor				50: 5000rpm

● Gearbox output shaft code

For example: 36JX30K100G8D20, D – D–Cut shaft, Output shaft length 20mm。

Shaft Type	Bare Shaft	D–Cut Shaft	Double D–Cut Shaft	Pin Hole Saft	Keyway Shaft
Code	G	D	S	X	J

● Planetary gearbox standard output shaft type and size

Gearbox Model	Standard Shaft	Shaft Alternative		
22JX5K、24JX5K	Type: D–Cut Shaft OD Φ4, Length13 D–Height 3.5, D–Length 8	Type: Double D–Cut Shaft OD Φ4, Length13 D–Height 3, D–Length 8	Type: Bare Shaft OD Φ4, Length 13	/
22JX10K、24JX10K、28JXC5K 28JXC10K、28JXB20K、28JXB30K 30JX30K、32JX30K、32JXD30K	Type: D–Cut Shaft OD Φ6, Length 20 D–Height 5.5, D–Length 15	Type: Double D–Cut Shaft OD Φ6, Length 20 D–Height 4, D–Length15	Type: Bare Shaft OD Φ6, Length 20	/
36JX20K、36JX30K、36JXD30K 40JX50K、40JXG50K、42JX50K 42JXG50K	Type: D–Cut Shaft OD Φ8, Length 20 D–Height 7, D–Length 15	Type: Double D–Cut Shaft OD Φ8, Length 20 D–Height 5, D–Length 15	Type: Bare Shaft OD Φ8, Length 20	Type: Keway Shaft OD Φ8, Length 20 Keyway Width 3, Length15
42JX100K、42JXD100K、42JXGT200K 45JX100K、45JXD100 48JXG50K、48JXGT200K	Type: Keyway Shaft OD Φ10, Length 27 Key 4, Key Length 20	Type: Double D–Cut Shaft OD Φ10, Length 27 D–Height 7, D–Length 20	Type: Bare Shaft OD Φ10, Length 27	Type: D–Cut Shaft OD Φ10, Length 27 D–Height 9, D–Length 20
52JX300K、52JXG200K 56JX300K、60JX300K 56JXG200K、60JXG200K	Type: Keyway Shaft OD Φ12, Length 28 Key 4, Key Length 20	Type: Double D–Cut Shaft OD Φ12, Length 28 D–Height 8, D–Length 20	Type: Bare Shaft OD Φ12, Length 28	Type: D–Cut Shaft OD Φ12, Length 28 D–Height 10, D–Length 20