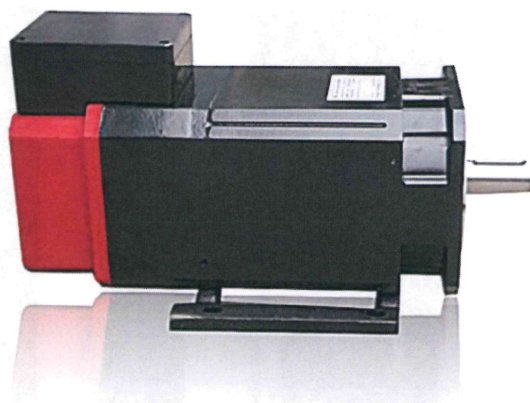


SPINDLE SERVO MOTOR

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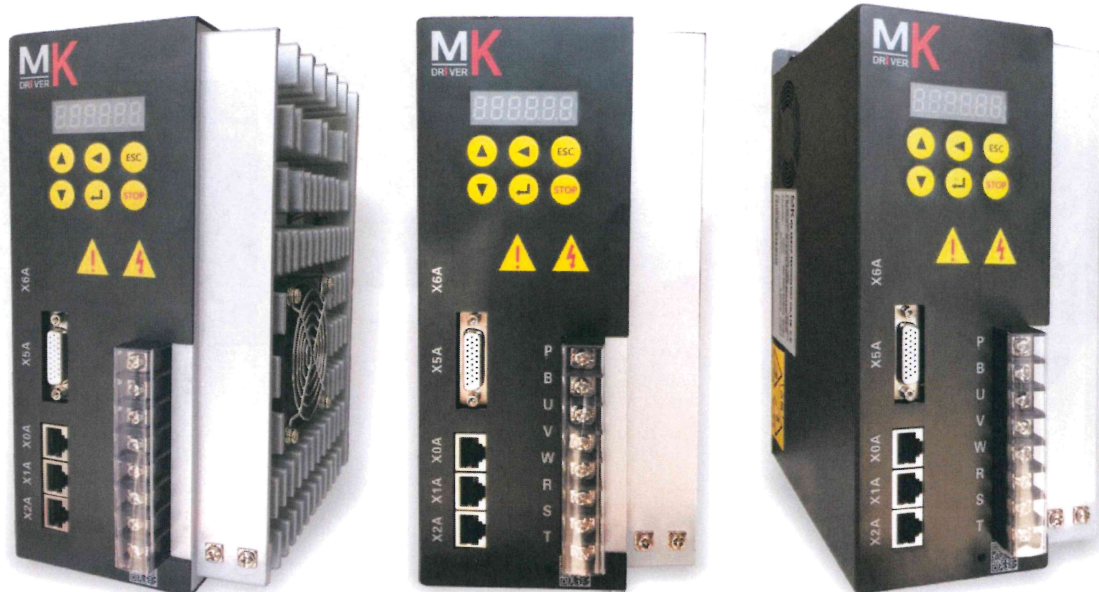


Spindle Motor Model	Rated Power (KW)	Rated Torque (Nm)	Rated Current(A)	Max Speed (RPM)	Rated Speed (RPM)	Matched Driver
SZGH08-3-9.5-1.5/2.2-4-1500	1.5	9.5	3.7	8000	1500	SZGH-S4T1P5
SZGH08-4-14-2.2/3.7-4-1500	2.2	14	6	8000	1500	SZGH-S4T2P2
SZGH09-2-24-3.7/5.5-4-1500	3.7	24	9.5	8000	1500	SZGH-S4T3P7
SZGH10-2-35-5.5/7.5-4-1500	5.5	35	13	8000	1500	SZGH-S4T5P5
SZGH10-3-48-7.5/11-4-1500	7.5	48	17	8000	1500	SZGH-S4T7P5
SZGH10-4-71-11/15-4-1500	11	71	23.5	8000	1500	SZGH-S4T011
SZGH13-2-95-15/18.5-4-1500	15	95	31	8000	1500	SZGH-S4T015
SZGH13-3-117-18.5/22-4-1500	18	117	38	8000	1500	SZGH-S4T018
SZGH13-4-140-22/30-4-1500	22	140	45	8000	1500	SZGH-S4T022
SZGH16-1-191-30/37-4-1500	30	191	60	6000	1500	SZGH-S4T030
SZGH16-2-235-37/45-4-1500	37	235	75	6000	1500	SZGH-S4T037
SZGH16-3-286-45/55-4-1500	45	286	90	6000	1500	SZGH-S4T045
SZGH16-4-350-55/75-4-1500	55	350	110	6000	1500	SZGH-S4T055
SZGH18-1-478-75/90-4-1500	75	478	148	4500	1500	SZGH-S4T075
SZGH18-2-573-90/110-4-1500	90	573	176	4500	1500	SZGH-S4T090
SZGH18-3-700-110/132-4-1500	110	700	210	4500	1500	SZGH-S4T110
SZGH22-1-840-132/160-4-1500	132	840	255	4000	1500	SZGH-S4T132

Note: There are Flange mounting(B5 Series) & Foot-mounting (B3 Series) spindle servo motors.

SPINDLE SERVO DRIVER

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Spindle driver Model	Matched Motor's Power(KW)	Rated Output Current(A)	Rated Output Capacity(KVA)	Min Brake Resistor(Ω)	Cable Diameter(mm ²)
SZGH-S4T1P5	1.5	3.5	2.5	0.5kw/75 Ω	2.5
SZGH-S4T2P2	2.2	5	3.8	0.5kw/75 Ω	2.5
SZGH-S4T3P7	3.7	8	5.6	1kw/40 Ω	4
SZGH-S4T5P5	5.5	13	8.6	1kw/40 Ω	6
SZGH-S4T7P5	7.5	17	11	1.5kw/32 Ω	6
SZGH-S4T011	11	25	17	1.5kw/26 Ω	6
SZGH-S4T015	15	32	20	1.5kw/26 Ω	10
SZGH-S4T018	18	39	26	2kw/40 Ω *2	10
SZGH-S4T022	22	45	30	2kw/40 Ω *2	16
SZGH-S4T030	30	60	40	2.5kw/40 Ω *3	25
SZGH-S4T037	37	75	50	2.5kw/40 Ω *3	25
SZGH-S4T045	45	90	60	2.5kw/40 Ω *4	35
SZGH-S4T055	55	110	72	2.5kw/40 Ω *4	50
SZGH-S4T075	75	150	99	2.5kw/40 Ω *6	70
SZGH-S4T090	90	178	99	2.5kw/40 Ω *8	70
SZGH-S4T110	110	210	145	2.5kw/40 Ω *9	90
SZGH-S4T132	132	255	145	2.5kw/40 Ω *10	90

Spindle motor



spindle motor list

(Note: The specifications in the table refer to the motor diameter and housing length.)

Model	power (kw)	Voltage (v)	Specification (mm)	Rotation speed (rpm)	frequency (HZ)	Cutter head	Number of bearings	Weight
JY48-300-60k	0.3kw	75v	φ48×130	60000	1000	ER8	2	
JY62-0.8-24K	0.8kw	220v	φ65×160	24000	400	ER11	2	
JY62-0.8-24K	0.8kw	220v	φ65×210	24000	400	ER11	4	
JY65-0.8-24K	0.8kw	220v	φ65×195	24000	400	ER11	4	
JY80-1.5L-24K	1.5kw	220v	φ80×200	24000	400	ER11	4	
JY80-1.5C-24k	1.5kw	220v	φ80×195	24000	400	ER16	4	
JY80-1.5CB-2K	1.5kw	380v	φ80×195	24000	400	ER16	4	
JY80-1.5LC-24K	1.5kw	220v	φ80×215	24000	400	ER16	4	
JY80-1.5LCB-24K	1.5kw	380v	φ80×215	24000	400	ER16	4	
JY80-2.2-24k	2.2kw	220v	φ80×240	24000	400	ER20	4	
JY80-2.2B-24K	2.2kw	380v	φ80×240	24000	400	ER20	4	
JY80-2.2DL-24K	2.2KW	220v	φ80×245	24000	400	ER20	4	
JY80-2.2DLB-24K	2.2KW	380v	φ80×245	24000	400	ER20	4	
JY85-2.2M-24K	2.2kw	220v	φ80×240	24000	400	ER20	4	
JY85-2.2MB-24K	2.2kw	380v	φ80×240	24000	400	ER20	4	
JY85-2.2DTM-24k	2.2kw	220v	φ80×245	24000	400	ER20	4	
JY85-2.2DTMB-24k	2.2kw	380v	φ85×253	24000	400	ER20	4	
JY100-3.2-24K	3.2kw	220v	φ85×220	24000	400	ER20	4	
JY100-3.2B-24K	3.2kw	380v	φ100×220	24000	400	ER20	4	
JY100-3.2-24K	3.2kw	220v	φ100×250	24000	400	ER20	4	
JY100-3.2B-24K	3.2kw	380v	φ100×250	24000	400	ER20	4	
JY100-3.2D-24K	3.2kw	220v	φ100×250	24000	400	ER20	4	
JY100-3.2DB-24K	3.2kw	380v	φ100×250	24000	400	ER20	4	
JY100-4.5-24K	4.5kw	220v	φ100×265	24000	400	ER20	4	

General-purpose inverter



Engraving machine dedicated high-performance inverter display

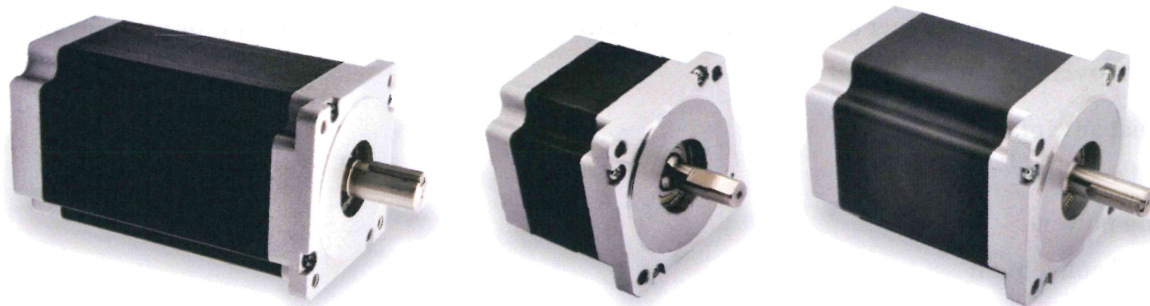
inverter list

power (kw)	Input voltage (v)	Output voltage (v)	Output frequency	Number of output items	Specification size (length×width×height) (mm)	Weight
1.5kw	220v	0-220v	0-1000HZ	3	150×105×120	
1.5kw	380v	0-380v	0-1000HZ	3	150×105×120	
2.2kw	220v	0-220v	0-1000HZ	3	200×135×148	
2.2kw	380v	0-380v	0-1000HZ	3	150×105×120	
3.0kw	220v	0-220v	0-1000HZ	3	200×135×148	
4.0kw	220v	0-220v	0-1000HZ	3	200×135×148	
4.0kw	380v	0-380v	0-1000HZ	3	200×135×148	
5.5kw	220v	0-220v	0-1000HZ	3	200×135×148	
5.5kw	380v	0-380v	0-1000HZ	3	200×135×148	
7.5kw	220v	0-220v	0-1000HZ	3	280×180×170	
7.5kw	380v	0-220v	0-1000HZ	3	200×135×148	
11kw	220v	0-220v	0-1000HZ	3	280×180×170	
11kw	380v	0-380v	0-1000HZ	3	280×180×170	

The frequency converter is a general-purpose inverter oriented production based on the engraving machine industry. It has been in the leading position in the engraving machine equipment manufacturing industry. The application field includes woodworking engraving machine, stone engraving machine, jade engraving machine, constant pressure water supply, Constant pressure air supply, textile industry, etc.

In the following form, we will introduce you to several inverters commonly used by Beast.

Stepper Motor Series



Series	Model	Frame Size	Axle Diameter (mm)	Length (mm)	Holding Torque (N*m)	Step angle (°)	Current (A/Phase)	Matching Driver
42	42BYGH425-404	NEMA17	5	25	0.17N.m	1.8	0.4	SZGH-2M415
	42BYGH234-408	NEMA17	5	34	0.2N.m	0.9	0.8	
	42BYGH440-408	NEMA17	5	40	0.32N.m	1.8	0.8	
	42BYGH448-810	NEMA17	5	48	0.34N.m	1.8	1	
	42BYGH448-425	NEMA17	5	48	0.4N.m	1.8	2.5	
56	56BYGH441-420	NEMA23	6.35	41	0.4N.m	1.8	2	SZGH-2DM556
	56BYGH255-821	NEMA23	6.35	55	0.9N.m	0.9	2.1	
	56BYGH454-828	NEMA23	6.35	54	0.9N.m	1.8	2.8	
	56BYGH476-828	NEMA23	6.35	76	1.3N.m	1.8	2.8	
	56BYGH476-447	NEMA23	8	76	2.0N.m	1.8	4.7	
	56BYGH480-450	NEMA23	8	80	2.2N.m	1.8	5	
	56BYGH480-830	NEMA23	8	80	2.2N.m	1.8	3	
86	86BYGH465-828	NEMA34	9.5	65	3.5N.m	1.8	2.8	SZGH-2DM860H
	86BYGH480-842	NEMA34	12.7	80	4.5N.m	1.8	4.2	
	86BYGH4101-450	NEMA34	12.7	101	6.0N.m	1.8	5	
	86BYGH4118-842	NEMA34	12.7	118	8.5N.m	1.8	4.2	
	86BYGH4156-845	NEMA34	15.875	156	12N.m	1.8	4.5	SZGH-2M2280
110	110BYGH4115-460	NEMA42	19	115	12N.m	1.8	6.0	SZGH-2M2208
	110BYGH4150-460	NEMA42	19	150	20N.m	1.8	6.0	
	110BYGH4165-460	NEMA42	19	165	24N.m	1.8	6.0	
130	130BYGH3188-368	NEMA43	19	188	24N.m	1.2	6.8	SZGH-3DM2080
	130BYGH3220-368	NEMA43	19	220	28N.m	1.2	6.8	
	130BYGH3252-368	NEMA43	19	252	35N.m	1.2	6.8	
	130BYGH3280-368	NEMA43	19	280	50N.m	1.2	6.8	

STEPPER DRIVER SERIES

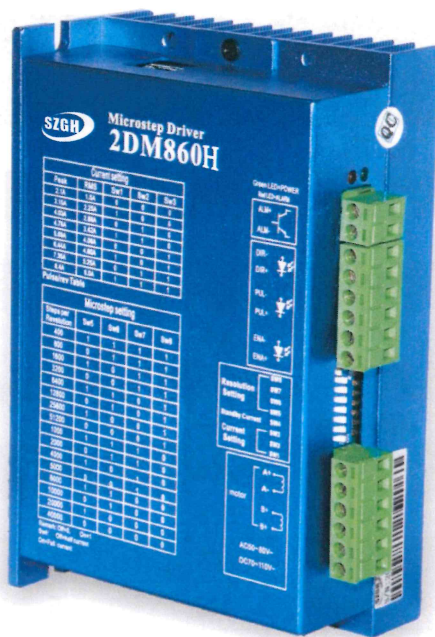
<http://www.szghauto.com>



- GuanHong provide 2 and 3 phase stepper motor and stepper driver for Nema 17, 23, 34, 42 and 43 series, with the DSP-based and adopt latest stepper control technology with many advanced features. The high performance digital stepper drives are featured with extra low noise, very low motor heating, and ultra smooth motor movements at low speed.

Product advantage:

- Speed stability
- Strong power
- Control convenient



Series	Mode	Control Type	Power			Cnofigurtion	Matching Motors(NEMA)
			Voltage(v)		Current(A)		
			AC	DC	Peak		NEMA
2phase stepper driver	SZGH-2M415	Step&Dir	—	24-36	0.21-1.5	DIP Switch	17
	SZGH-2M420	Step&Dir	—	24-36	0.3-2.5	DIP Switch	23
	SZGH-2DM542	Step&Dir		24-48	1.0-4.2	DIP Switch	23,24
	SZGH-2DM556	Step&Dir		24-48	1.4-5.6	DIP Switch	23,24
	SZGH-2DM860H	Step&Dir	30-80	40-110	1.5-6.0	DIP Switch	23,24
	SZGH-2DM2280	Step&Dir	80-240	—	1.6-5.9	DIP Switch	42,43
	SZGH-3DM2080	Step&Dir	80-240	—	1.6-5.9	DIP Switch	42,43