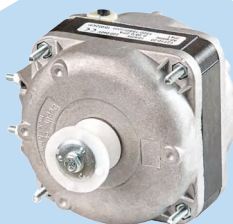
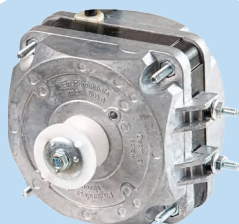




Hangzhou Fengyin Motor Manufacturing Co., Ltd





Hangzhou Fengyin Motor Manufacturing Co., Ltd. was founded in 2007 and is located in Hangzhou. The company specializes in the research and development and production of single-phase shaded-pole asynchronous motors, single-phase capacitor asynchronous motors, 110V/220V dual-voltage motor, related fans and accessories. The products are mainly used in commercial refrigerators, household appliances, kitchen and bathroom appliances, medical equipment and other equipment. The company has multiple motor automation production lines and supporting testing equipment, with an annual production capacity of 4 million micro motors. It has a team specializing in micro motor research and development, production and quality control. The company operates strictly in accordance with the requirements of the ISO9001 quality system, and its products have passed CCC, CE and other certifications.



YZF SERIES MOTOR

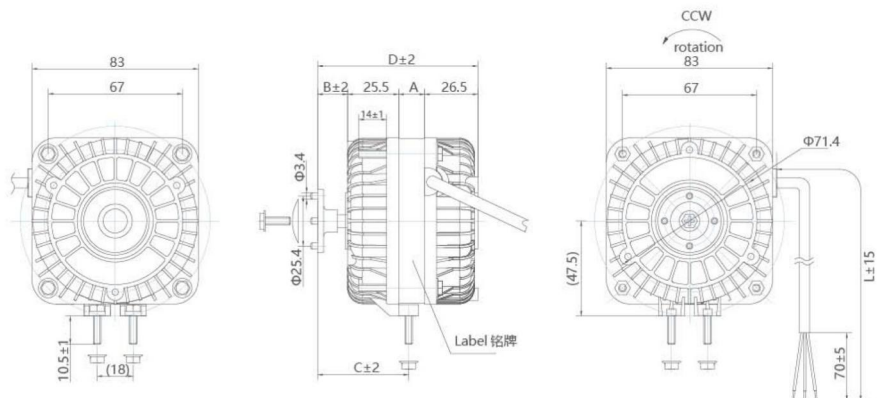


Product description

1. This series motor has advantages, such as safety, reliability, low noise, little vibration, excellent starting performance, and long service life.
2. This series motor is applicable to refrigerators, freezers, wine cabinets, fresh-keeping cabinets, radiators, evaporators, and other refrigeration equipment.
3. This series motor's outgoing line specification and dimension "L" may be reproduced according to the user requirements.

Instructions for Use

Operating mode: S1 Insulation grade: Class E
 Protection Class: IP41
 Environmental Temperature: -30°C~ +50°C



Motor performance parameter table

Model	Rated voltage (V)	Rated frequency (Hz)	Input power (W)	Rated power (W)	Rated current (A)	Rated speed (r/min)	Air volume (m³/h)	Fan blade (mm)	Net weight (kg)	Size				License
										A mm	B mm	C mm	D mm	
YZF48N-25W YZF48N-35W	220-240	50/60	25	3.5	0.145	1300	260	Ø170	0.8	13	15	45	80	CCC,CE
	220-240	50/60	35	5	0.17	1300	450	Ø200	0.8	13	15	45	80	CCC,CE
	110-120	60	35	5	0.4	1450	450	Ø200	0.8	13	15	45	80	
YZF48N-40W	220-240	50/60	40	10	0.26	1300	650	Ø230	1.0	19	16	46	87	CCC,CE
	110-120	60	40	10	0.53	1450	650	Ø250	1.0	19	16	46	87	
YZF48N-60W	220-240	50/60	60	16	0.37	1300	900	Ø250	1.3	25	16	46	93	CCC,CE
	110-120	60	60	16	0.65	1450	900	Ø250	1.3	25	16	46	93	
YZF48N-75W	220-240	50/60	75	20	0.57	1300	1000	Ø254	1.6	30	15	45	97	CCC,CE
	110-120	60	75	20	1.1	1450	1000	Ø254	1.6	30	15	45	97	
YZF48N-90W	220-240	50/60	90	25	0.6	1300	1100	Ø300	1.9	40	14	44	106	CCC,CE
	110-240	60	90	25	1.4	1450	1100	Ø300	1.9	40	14	44	106	
YZF48N-110W	220-240	50/60	110	34	0.85	1300	1100	Ø300	2.2	45	14	44	112	CCC,CE
	110-120	60	110	34	1.5	1450	1100	Ø300	2.2	45	14	44	112	

YZF SERIES MOTOR



Product description

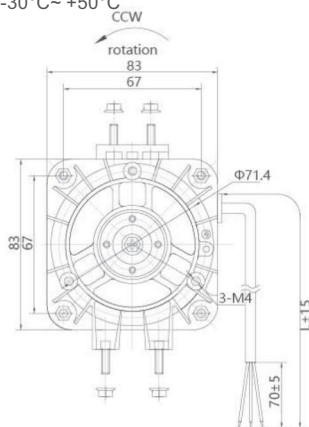
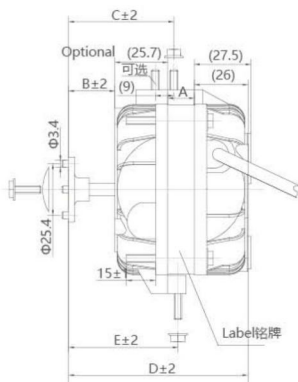
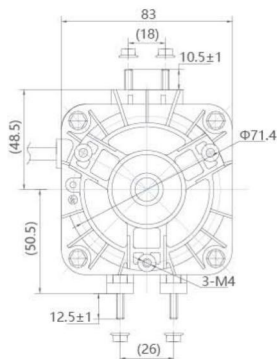
1. This series motor has advantages, such as safety, reliability, low noise, little vibration, excellent starting performance, and long service life.
2. This series motor is applicable to refrigerators, freezers, wine cabinets, fresh-keeping cabinets, radiators, evaporators, and other refrigeration equipment.
3. This series motor's outgoing line specification and dimension "L" may be reproduced according to the user requirements.

Instructions for Use

Operating mode: S1 Insulation grade: Class E

Protection Class: IP41

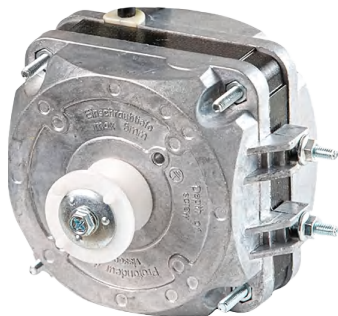
Environmental Temperature: -30°C~ +50°C



Motor performance parameter table

Model	Rated voltage (V)	Rated frequency (Hz)	Input power (W)	Rated power (W)	Rated current (A)	Rated speed (r/min)	Air volume (m³/h)	Fan blade (mm)	Net weight (kg)	Size					License
										A mm	B mm	C mm	D mm	E mm	
YZF48N-25W YZF48N-35W	220-240	50/60	25	3.5	0.145	1300	260	Ø170	0.8	13	15	43	79	79	CCC,CE
	220-240	50/60	35	5	0.17	1300	450	Ø200	0.8	13	15	43	79	79	CCC,CE
	110-120	60	35	5	0.4	1550	450	Ø200	0.8	13	15	43	79	79	
YZF48N-40W	220-240	50/60	40	10	0.26		650	Ø230	1.0	19	16	51	87	87	CCC,CE
	110-120	60	40	10	0.53		650	Ø230	1.0	19	16	51	87	87	
YZF48N-60W	220-240	50/60	60	16	0.37	1300	900	Ø250	1.3	25	16	57	93	93	CCC,CE
	110-120	60	60	16	0.65	1550	900	Ø250	1.3	25	16	57	93	93	
YZF48N-75W	220-240	50/60	75	20	0.57		1000	Ø254	1.6	30	15	61	97	97	CCC,CE
	110-120	60	75	20	1.1		1000	Ø254	1.6	30	15	61	97	97	
YZF48N-90W	220-240	50/60	90	25	0.6	1300	1100	Ø300	1.9	40	14	70	106	106	CCC,CE
	110-240	60	90	25	1.4	1550	1100	Ø300	1.9	40	14	70	106	106	
YZF48N-110W	220-240	50/60	110	34	0.85		1100	Ø300	2.2	45	14	70	112	112	CCC,CE
	110-120	60	110	34	1.5		1100	Ø300	2.2	45	14	70	112	112	

YZF SERIES MOTOR

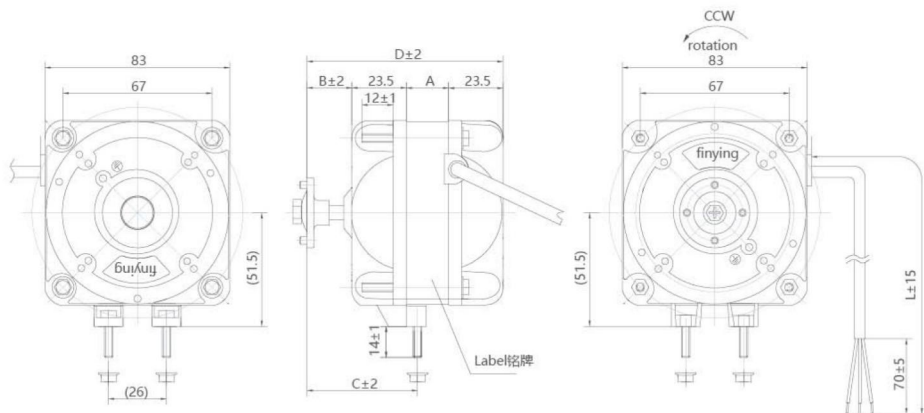


Product description

1. This series motor has advantages, such as safety, reliability, low noise, little vibration, excellent starting performance, and long service life.
2. This series motor is applicable to refrigerators, freezers, wine cabinets, fresh-keeping cabinets, radiators, evaporators, and other refrigeration equipment.
3. This series motor's outgoing line specification and dimension "L" may be reproduced according to the user requirements.

Instructions for Use

Operating mode: S1 Insulation grade: Class E
Protection Class: IP41
Environmental Temperature: -30°C~ +50°C



Motor performance parameter table

Model	Rated voltage (V)	Rated frequency (Hz)	Input power (W)	Rated power (W)	Rated current (A)	Rated speed (r/min)	Air volume (m³/h)	Fan blade (mm)	Net weight (kg)	Size				License
										A mm	B mm	C mm	D mm	
YZF48N-25W YZF48N-35W	220-240	50/60	25	3.5	0.145	1300	260	Ø170	0.8	13	20	43	79	CCC,CE
	220-240	50/60	35	5	0.17	1300	450	Ø200	0.8	13	20	43	79	CCC,CE
	110-120	60	35	5	0.4	1550	450	Ø200	0.8	13	20	43	79	
YZF48N-40W	220-240	50/60	40	10	0.26	1300	650	Ø230	1.0	19	20	51	87	CCC,CE
	110-120	60	40	10	0.53	1550	650	Ø230	1.0	19	20	51	87	
YZF48N-60W	220-240	50/60	60	16	0.37	1300	900	Ø250	1.3	25	20	57	93	CCC,CE
	110-120	60	60	16	0.65	1550	900	Ø250	1.3	25	20	57	93	
YZF48N-75W	220-240	50/60	75	20	0.57	1300	1000	Ø254	1.6	30	20	61	97	CCC,CE
	110-120	60	75	20	1.1	1550	1000	Ø254	1.6	30	20	61	97	
YZF48N-90W	220-240	50/60	90	25	0.6	1300	1100	Ø300	1.9	40	20	70	106	CCC,CE
	110-240	60	90	25	1.4	1550	1100	Ø300	1.9	40	20	70	106	
YZF48N-110W	220-240	50/60	110	34	0.85	1300	1100	Ø300	2.2	45	20	70	112	CCC,CE
	110-120	60	110	34	1.5	1550	1100	Ø300	2.2	45	20	70	112	

YZF SERIES MOTOR



Product description

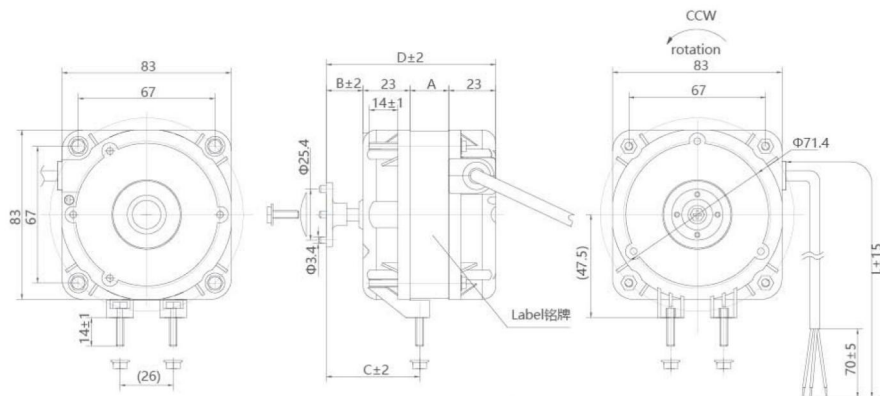
1. This series motor has advantages, such as safety, reliability, low noise, little vibration, excellent starting performance, and long service life.
2. This series motor is applicable to refrigerators, freezers, wine cabinets, fresh-keeping cabinets, radiators, evaporators, and other refrigeration equipment.
3. This series motor's outgoing line specification and dimension "L" may be reproduced according to the user requirements.

Instructions for Use

Operating mode: S1 Insulation grade: Class E

Protection Class: IP41

Environmental Temperature: -30°C~ +50°C



Motor performance parameter table

Model	Rated voltage (V)	Rated frequency (Hz)	Input power (W)	Rated power (W)	Rated current (A)	Rated speed (r/min)	Air volume (m³/h)	Fan blade (mm)	Net weight (kg)	Size				License
										A mm	B mm	C mm	D mm	
YZF48N-25W YZF48N-35W	220-240	50/60	25	3.5	0.145	1300	260	Ø170	0.8	13	17	44	76	CCC,CE
	220-240	50/60	35	5	0.17	1300	450	Ø200	0.8	13	17	44	76	CCC,CE
	110-120	60	35	5	0.4	1550	450	Ø200	0.8	13	17	44	76	
YZF48N-40W	220-240	50/60	40	10	0.26	1300	650	Ø230	1.0	19	18	51	83	CCC,CE
	110-120	60	40	10	0.53	1550	650	Ø230	1.0	19	18	51	83	
YZF48N-60W	220-240	50/60	60	16	0.37	1300	900	Ø250	1.3	25	18	57	89	CCC,CE
	110-120	60	60	16	0.65	1550	900	Ø250	1.3	25	18	57	89	
YZF48N-75W	220-240	50/60	75	20	0.57	1300	1000	Ø254	1.6	30	17	60	93	CCC,CE
	110-120	60	75	20	1.1	1550	1000	Ø254	1.6	30	17	60	93	
YZF48N-90W	220-240	50/60	90	25	0.6	1300	1100	Ø300	1.9	40	16	69	102	CCC,CE
	110-240	60	90	25	1.4	1550	1100	Ø300	1.9	40	16	69	102	
YZF48N-110W	220-240	50/60	110	34	0.85	1300	1100	Ø300	2.2	45	16	69	107	CCC,CE
	110-120	60	110	34	1.5	1550	1100	Ø300	2.2	45	16	69	107	

YZF SERIES MOTOR

Product Introduction



1.This series of motors are single-phase capacitor-operated motors, encapsulated with BMC material. They are compact, lightweight, provide high airflow, and have a low temperature rise.

The all-ball bearing structure ensures ultra-low noise, low vibration, and fast startup.

2.This series of motors is suitable for refrigerators, freezers, wine cabinets, fresh-keeping cabinets, radiators, evaporators, and other refrigeration equipment.

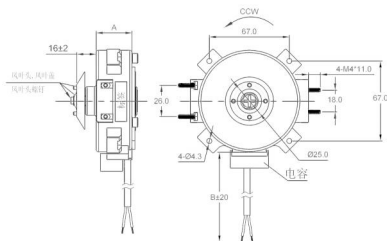
Instructions for Use

Operating Mode: S1

Insulation Class: Class B

Protection Rating: Ip54

Environmental Temperature: -30°C to +50°C

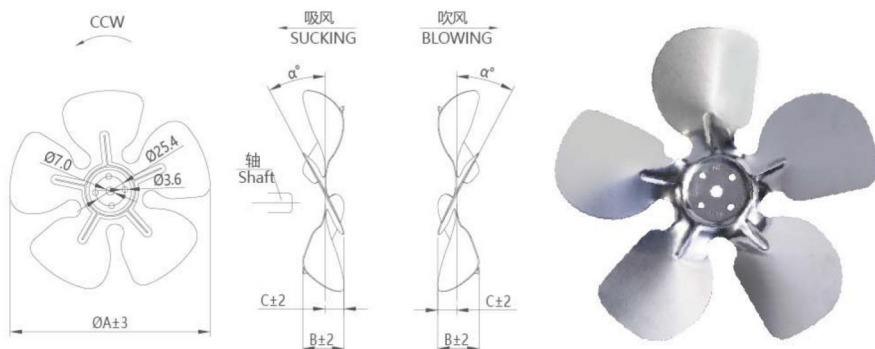


Model	Rated voltage (V)	Rated frequency (Hz)	Rated power (W)	Input power (W)	Fan blade (mm)	Rated speed (r/min)	Capacitance (μF)	Temperature rise (K)	A (mm)	Net weight (KG)	Air volume (m³/h)
YSK5-4	110-120	60	5	26	L200/28	1500	3	≤50	37.5	0.64	300
YSK6-4	110-120	60	6	30	L200/34	1500	3.5	≤50	37.5	0.67	500
YSK7-4	110-120	60	7	34	L230/28	1500	4.5	≤50	37.5	0.7	550
YSK8-4	110-120	60	8	36	L250/28	1500	5	≤50	38.5	0.75	700
YSK10-4	110-120	60	10	42	L250/34	1500	6	≤50	40.5	0.8	750
YSK12-4	110-120	60	12	45	S250/28	1500	6	≤50	42.5	1	850
YSK15-4	110-120	60	15	52	L300/22	1500	8	≤50	42.5	1.2	900
YSK25-4	110-120	60	25	75	L300/28	1500	8.5	≤55	44.5	1.35	1200
YSK34-4	110-120	60	34	85	L300/34	1500	10	≤55	49.5	1.5	1300

079.5/046-8 slot plastic encapsulated motor performance parameter table

Model	Rated voltage (V)	Rated frequency (Hz)	Rated power (W)	Input power (W)	Fan blade (mm)	Rated speed (r/min)	Capacitance (μF)	Temperature rise (K)	A (mm)	Net weight (KG)	Air volume (m³/h)	License
YSK5-4	220-240	50	5	26	L200/28	1300	0.8	≤55	37.5	0.61	300	CCC,CE
		60	6	24		1550		≤45				
YSK6-4	220-240	50	6	32	L200/34	1300	1.2	≤55	37.5	0.63	500	CCC,CE
		60	7	32		1500		≤45				
YSK7-4	220-240	50	7	28	L200/34	1350	1.2	≤50	37.5	0.65	550	CCC,CE
		60	9	30		1550		≤40				
YSK7-4	220-240	50	7	34	L230/28	1300	1.2	≤60	37.5	0.68	700	CCC,CE
		60	9	35		1500		≤50				
YSK8-4	220-240	50	8	33	L250/28	1300	1.2	≤50	37.5	0.7	750	CCC,CE
		60	11	36		1500		≤45				
YSK10-4	220-240	50	10	37	L250/34	1300	1.5	≤55	37.5	0.72	850	CCC,CE
		60	12	44		1450		≤50				
YSK12-4	220-240	50	12	39	S250/28	1300	1.5	≤55	38.5	0.8	900	CCC,CE
		60	14	47		1400		≤50				
YSK15-4	220-240	50	15	44	L300/22	1300	1.8	≤55	40.5	1	1000	CCC,CE
		60	17	55		1500		≤55				
YSK20-4	220-240	50	20	53	L300/28	1300	2	≤50	42.5	1.2	1100	CCC,CE
		60	20	73		1400		≤65				
YSK21-4	220-240	50	21	57	L300/28	1300	2.2	≤50	44.5	1.3	1200	CCC,CE
		60	23	78		1450		≤60				
YSK28-4	220-240	50	28	62	L300/34	1350	2.5	≤50	49.5	1.5	1300	CCC,CE
		60	33	82		1500		≤50				

YZF SERIES ACCESSORIES—(ALUMINUM FAN BLADE)



Fan specification and dimension

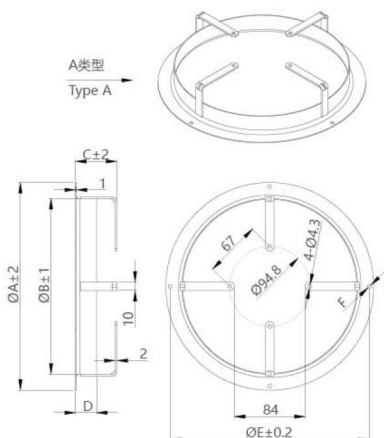
Fan type	a° B C A mm	19°		22°		25°		28°		31°		34°	
		B mm	C mm	B mm	C mm	B mm	C mm	B mm	C mm	B mm	C mm	B mm	C mm
Ø 154	152	23	12	26	13	29	15	32	17	36	18	39	21
Ø 200	196	27	14	30	15	33	17	36	19	40	21	43	24
Ø 250	244	31	15	34	16	37	19	40	20	43	21	45	22
Ø 300	296	37	18	41	21	44	22	48	24	52	26	52	27

fan model selection

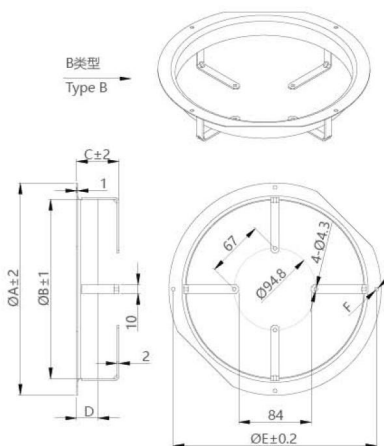
Fan	Model a°	YZF48N-25W		YZF48N-35W		YZF48N-40W		YZF48N-60W		YZF48N-75W		YZF48N-90W		YZF48N-110W	
		50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz
Ø 154	31	31													
Ø 172	31														
Ø 200	28	28	31	31	31	31									
Ø 230			28	28	28	28									
Ø 250					22	22	28	28							
Ø 254							28	25	31	22					
Ø 300									22	25	25	22	28	25	

YZF SERIES ACCESSORIES—(FLANGE)

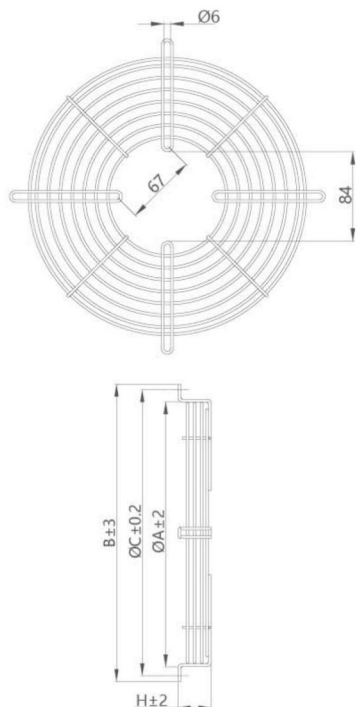
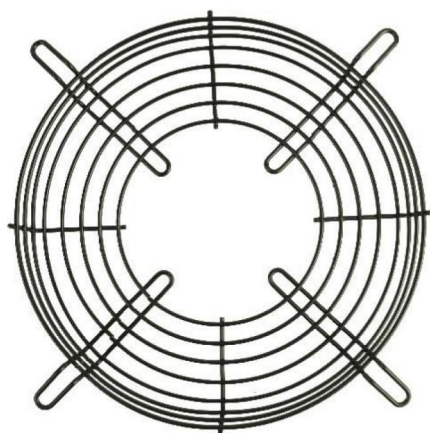
A类型
Type A



B类型
Type B



YZF SERIES ACCESSORIES—(MESH ENCLOSURE)

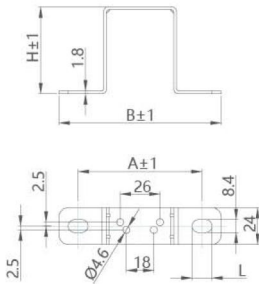


Specification size

TYPE SIZE	Ø 154	Ø 172	Ø 200	Ø 230	Ø 254	Ø 300
A/mm	170	188	214	246	270	324
B/mm	202	220	248	278	302	356
C/mm	190	208	236	266	290	344
H/mm	11	11	25	27	17	17

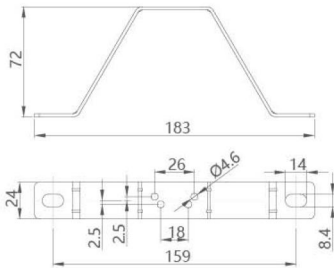
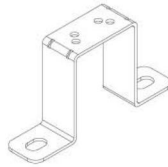
The dimensions B and H described in the table may be customized and produced according to the client requirements.

YZF SERIES ACCESSORIES—(SUPPORT)



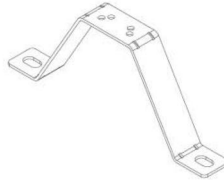
A类型

Type A



B类型

Type B



Type A specification size

Type	H/mm	A/mm	B/mm	L/mm
H39	39	78	100	14
H55	55	81	106	13
H63	63	81	106	13
H72	72	81	106	13
H84	84	81	106	20
H92	92	81	106	14
H109-1	109	81	106	14
H109-2	109	78	100	14
H109-3	109	78	100	14

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Hangzhou Fengyin Motor Manufacturing co., Ltd.

Address: No.145, Jiangzhi Road, Linpu Twon, Xiaoshan, Hangzhou, China.

Contact Information: 0571 82774523

Fax: 0571 82479727

http: <http://www.fengyinmotor.com>