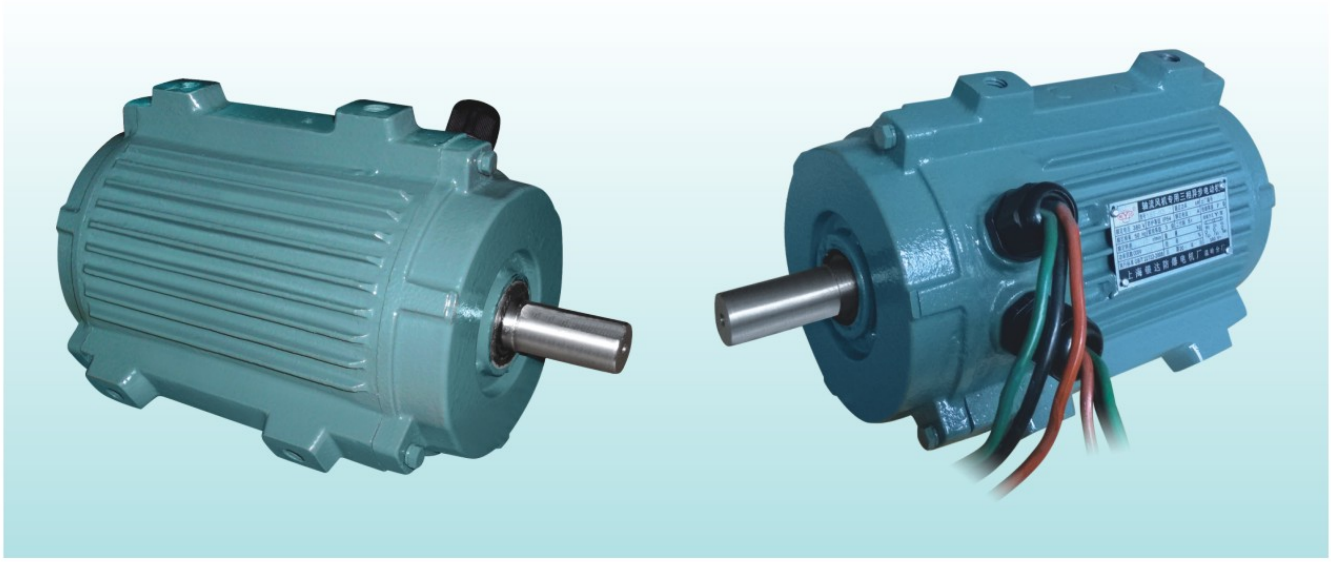
YSF系列轴流风机专用三相异步电机

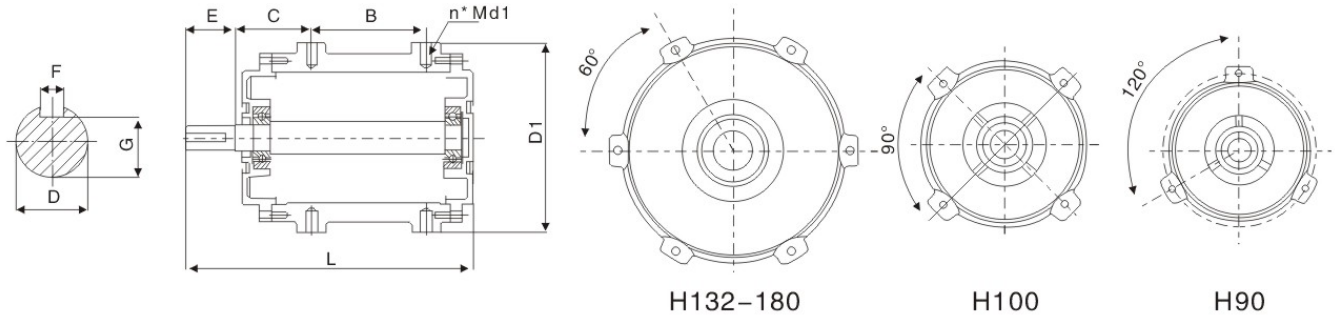
YSF Series Three Phase Asynchronous Motor for Axial fan



◎机座材料： 铸铁
◎标准颜色： 龙胆蓝（RAL 5010）
◎额定功率： 1.5–22kW (50Hz)
◎防护等级IP54 （IEC 60034–5）
◎绝缘系统按 155（F）温度等级设计，在额定输出和直接供电时按 130（B）温度等级使用；
◎工作环境高度不超过海拔1000m (IEC 60034–1)

◎Frame material: cast iron.
◎Standard color: Gentian blue (RAL 5010)
◎Rated output power: 1.5–22kW at 50Hz.
◎All motors are designed to IP54 degree of protection (IEC 60034–5) .
◎Insulation system is designed for temperature class 155 (F). At rated output with line–fed operation, the motors can be used in temperature class 130 (B).
◎Degrees of motor protection IP55 (IEC 60034–5).
◎Altitude of working environment shall not exceed 1000m above sea–level (IEC 60034–1).

外形及安装尺寸/Dimension Drawing



FRAME	B	C	D	E	F	G	n*Md1	D1	L
90S	85	76	24	50	8	20	6*M12	190	262
90L	115	76	24	50	8	20	6*M12	190	288
100	130	76	28	60	8	24	8*M12	210	345
132S	130	100	38	80	10	33	12*M14	264	371
132M	168	100	38	80	10	33	12*M16	264	409
132L	188	110	38	80	10	33	12*M16	310	450
180	188	110	48	110	14	42.5	12*M16	340	493

技术性能参数 Technical performance data

型号 Type	额定功率 Rated Output		电压 Voltage	额定频率 Frequency	转速 Speed	效率 Efficiency	功率因数 Power factor	额定电流	堵转电流/额定电流	堵转转矩/额定转矩	最大转矩/额定转矩	噪声
	Kw	HP	V	Hz	r/min	%	CosΦ	In/A	ILR/Irated	TLR/Trated	Tmax/Trated	Nosie Lw dB(A)
YSF-90S-2	1.5	2	380	50	2840	78.5	0.84	3.34	7	2.2	2.3	72
YSF-90L-2	2.2	3	380	50	2840	81	0.85	4.69	7	2.2	2.3	72
YSF-100L1-2	3	4	380	50	2880	82.6	0.87	6.14	7.5	2.2	2.3	76
YSF-100L2-2	4	5.5	380	50	2890	84.2	0.88	7.83	7.5	2.2	2.3	77
YSF-132S1-2	5.5	7.5	380	50	2900	85.7	0.88	10.7	7.5	2.2	2.3	80
YSF-132S2-2	7.5	10	380	50	2900	87	0.88	14.2	7.5	2.2	2.3	80
YSF-132M1-2	11	15	380	50	2930	88.4	0.89	20.9	7.5	2.2	2.3	86
YSF-132M2-2	15	20	380	50	2930	89.4	0.89	27.9	7.5	2.2	2.3	86
YSF-132L-2	18.5	25	380	50	2930	90	0.9	33.9	7.5	2.2	2.3	86
YSF-180M1-2	22	30	380	50	2940	90.5	0.9	40.5	7.5	2	2.3	89
YSF-180M2-2	30	40	380	50	2950	91.4	0.9	54.8	7.5	2	2.3	92
YSF-90S-4	1.1	1.5	380	50	1400	76.2	0.77	2.8	6	2.3	2.3	61
YSF-90L-4	1.5	2	380	50	1400	78.5	0.79	3.65	6	2.3	2.3	61
YSF-100L1-4	2.2	3	380	50	1420	81	0.81	5.05	7	2.3	2.3	64
YSF-100L2-4	3	4	380	50	1420	82.6	0.82	6.64	7	2.3	2.3	64
YSF-112M-4	4	5.5	380	50	1440	84.2	0.82	8.62	7	2.3	2.3	65
YSF-132S-4	5.5	7.5	380	50	1440	85.7	0.83	11.5	7	2.3	2.3	71
YSF-132M-4	7.5	10	380	50	1440	87	0.84	15.3	7	2.3	2.3	71
YSF-160M-4	11	15	380	50	1460	88.4	0.84	22.2	7	2.2	2.3	75
YSF-160L-4	15	20	380	50	1460	89.4	0.85	29.8	7.5	2.2	2.3	75
YSF-180M-4	18.5	25	380	50	1470	90	0.86	36.1	7.5	2.2	2.3	76
YSF-90S-6	0.75	1	380	50	910	69	0.72	2.3	5.5	2	2.1	57
YSF-90L-6	1.1	1.5	380	50	910	72	0.73	3.2	5.5	2	2.1	57
YSF-100L-6	1.5	2	380	50	940	76	0.75	3.9	5.5	2	2.1	61
YSF-112M-6	2.2	3	380	50	940	79	0.76	5.6	6.5	2	2.1	65
YSF-132S-6	3	4	380	50	960	81	0.76	7.4	6.5	2.1	2.1	69
YSF-132M1-6	4	5.5	380	50	960	82	0.76	9.9	6.5	2.1	2.1	69
YSF-132M2-6	5.5	7.5	380	50	960	84	0.77	12.9	6.5	2.1	2.1	69
YSF-160M-6	7.5	10	380	50	970	86	0.77	16.9	6.5	2	2.1	73
YSF-160L-6	11	15	380	50	970	87.5	0.78	24	6.5	2	2.1	73