

# YVF2 SERIES

YVF2系列变频调速专用三相异步电动机  
YVF2 SERIES FREQUENCY VARIABLE AND SPEED-ADJUSTABLE  
THREE PHASE INDUCTION MOTOR



## 特点 FEATURES

YVF2系列变频调速专用三相异步电动机，本系列电动机是变频调速专用三相异步电动机与电子变频器联合使用，可实现转速150-2750RPM(4极)范围内的无级调速，是那些有大范围无级调速需求的机械设备的理想动力。广泛应用于交通运输、冶金、纺织、印染、化工、矿山、风机、水泵等行业。其电气性和安装尺寸按国家标准JB/T7118要求制造，并与国际IEC标准接轨。

YVF2 series frequency-variable and speed-adjustable three phase asynchronous motor are suitable for running in frequency change and speed regulation system which the power is supplied by a frequency converter. This new series of product designed unitedly in the country can be made with all kinds of SPWM frequency changer and speed regulation devices and is equipped with separate cooling fan with ensure the motor for good cooling at various speed. They can be used in machine tool, metallurgic industry, textile, printing and dyeing, transportation, chemical industry, mine and for speed regulation of fans and pumps.

## 产品相关参数 TECHNICAL DATA

机座中心高：80-355MM

功率范围：0.55-315KW

额定电压：380V(其他电压需另订协议)

额定频率：50HZ(或60HZ)

防护等级：IP54(或IP55)

绝缘等级：F级

工作制：S1

安装型式与Y2相同

Center height of frame:80-355mm

Power range:0.55-315kw

Rated voltage:380v or other order

Rated frequency:50hz or 60hz

Protection class:IP54 or IP55

Insulation class: F

duty type:S1

Installation type is the same as Y2

型号 Type	额定功率 Rated power (kw)	额定电流 Rated current (A)	额定转矩 Rated torque Tmax/Tn	效率 Efficiency $\eta$ (%)	功率因数 Power factor (Cos $\Phi$ )	频率范围 Frequency range (HZ)	转速范围 Speed range (HZ)	匹配变频器 Matching Inverter	总长 Overall Length (L)
YVF2-80M1-2	0.75	1.77	2.5	77.4	0.83	5-50-100	284-5680	1.0	370
YVF2-80M2-2	1.1	2.50	3.7	79.6	0.84	5-50-100	284-5680	1.0	370
YVF2-90S-2	1.5	3.34	5.0	81.3	0.84	5-50-100	284-5680	2.0	380
YVF2-90L-2	2.2	4.73	7.4	83.2	0.85	5-50-100	284-5680	3.0	410
YVF2-100L-2	3.0	6.19	10.0	84.6	0.87	5-50-100	286-5720	4.0	465
YVF2-112M-2	4.0	8.05	13.3	85.8	0.88	5-50-100	288-5760	6.0	480
YVF2-132S1-2	5.5	10.91	18.0	87.0	0.88	5-50-100	291-5820	10	530
YVF2-132S2-2	7.5	14.70	24.6	88.1	0.88	5-50-100	291-5820	10	530
YVF2-160M1-2	11	21.00	36.0	89.4	0.89	5-50-100	292-5840	15	660
YVF2-160M2-2	15	28.36	49.1	90.3	0.89	5-50-100	292-5840	20	660
YVF2-160L-2	18.5	34.36	60.5	90.9	0.90	5-50-100	292-5840	30	715
YVF2-180M-2	22	40.68	71.7	91.3	0.90	5-50-100	293-5860	30	755
YVF2-200L1-2	30	55.05	97.4	92.0	0.90	5-50-100	294-5880	40	850
YVF2-200L2-2	37	67.53	120.2	92.5	0.90	5-50-100	294-5880	50	850
YVF2-225M-2	45	81.77	145.2	92.9	0.90	5-50-100	296-5920	60	915
YVF2-250M-2	55	99.62	177.4	93.2	0.90	5-50-100	296-5920	70	980
YVF2-280S-2	75	134.98	242.0	93.8	0.90	5-50-100	296-5920	100	1085
YVF2-280M-2	90	159.69	290.4	94.1	0.91	5-50-100	296-5920	120	1135
YVF2-315S-2	110	194.76	353.7	94.3	0.91	5-50-100	297-5940	150	1285
YVF2-315M-2	132	232.97	424.4	94.6	0.91	5-50-100	297-5940	180	1395
YVF2-315L1-2	160	278.73	514.5	94.8	0.92	5-50-100	297-5940	210	1450
YVF2-315L2-2	200	347.68	643.1	95.0	0.92	5-50-100	297-5940	270	1450
YVF2-355M-2	250	434.59	803.9	95.0	0.92	5-50-100	297-5940	350	1600
YVF2-355L-2	315	547.59	1012.9	95.0	0.92	5-50-100	297-5940	400	1600
YVF2-80M1-4	0.55	1.48	3.8	75.2	0.75	5-50-100	139-2780	1.0	370
YVF2-80M2-4	0.75	1.88	5.2	79.6	0.76	5-50-100	138-2760	1.0	370
YVF2-90S-4	1.1	2.67	7.6	81.4	0.77	5-50-100	139-2780	2.0	380
YVF2-90L-4	1.5	3.48	10.3	82.8	0.79	5-50-100	139-2780	2.0	410
YVF2-100L1-4	2.2	4.90	14.9	84.3	0.81	5-50-100	141-2820	3.0	465
YVF2-100L2-4	3.0	6.50	20.3	85.5	0.82	5-50-100	141-2820	4.0	465
YVF2-112M-4	4.0	8.56	26.7	86.6	0.82	5-50-100	143-2860	6.0	480
YVF2-132S-4	5.5	11.48	36.5	87.7	0.83	5-50-100	144-2880	10	530
YVF2-132M-4	7.5	15.29	49.7	88.7	0.84	5-50-100	144-2880	10	570
YVF2-160M-4	11	22.16	72.4	89.8	0.84	5-50-100	145-2900	15	660
YVF2-160L-4	15	29.59	98.8	90.6	0.85	5-50-100	145-2900	20	715
YVF2-180M-4	18.5	35.84	121.0	91.2	0.86	5-50-100	146-2920	30	755
YVF2-180L-4	22	42.43	143.9	91.6	0.86	5-50-100	146-2920	30	815
YVF2-200L-4	30	57.42	196.2	92.3	0.86	5-50-100	146-2920	40	850
YVF2-225S-4	37	69.70	240.4	92.7	0.87	5-50-100	147-2940	50	885
YVF2-225M-4	45	84.41	292.3	93.1	0.87	5-50-100	147-2940	60	915
YVF2-250M-4	55	102.73	357.3	93.5	0.87	5-50-100	147-2940	70	980
YVF2-280S-4	75	139.34	487.2	94.0	0.87	5-50-100	147-2940	100	1085
YVF2-280M-4	90	166.85	584.7	94.2	0.87	5-50-100	147-2940	120	1135
YVF2-315S-4	110	200.97	709.8	94.5	0.88	5-50-100	148-2960	150	1285
YVF2-315M-4	132	240.66	851.8	94.7	0.88	5-50-100	148-2960	180	1395
YVF2-315L1-4	160	287.82	1032.4	94.9	0.89	5-50-100	148-2960	210	1450
YVF2-315L2-4	200	359.02	1290.5	95.1	0.89	5-50-100	148-2960	270	1450
YVF2-355M-4	250	443.79	1613.2	95.1	0.90	5-50-100	148-2960	350	1600
YVF2-355L-4	315	559.17	2032.6	95.1	0.90	5-50-100	148-2960	400	1600