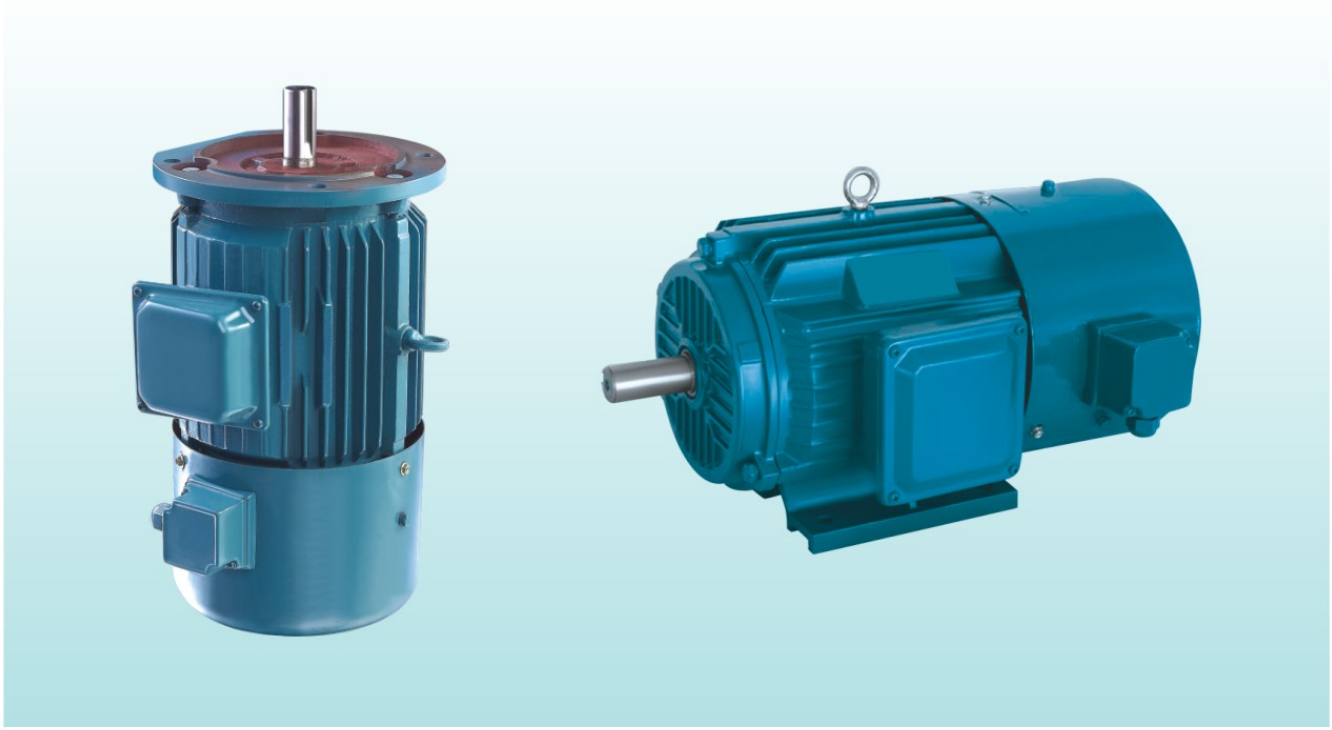
YVF2 系列变频调速专用三相异步电动机

YVF2 Series Variable Frequency Adjustable Speed Definite Purpose Converter-Fed Three-Phase Induction Motor



适用于冶金、化工、纺织、印刷、包装、食品等行业的机械，风机、泵类、输送线自动化设备及机床(如数控机床、加工中心)等领域。

防护等级/Protection Class：IP54，绝缘等级/Insulation Grade： F，冷却方式/Cooling Way：B，工作制/Duty Type： S1

Applications: various operation systems by which speed-regulation is needed, such as metallurgy, chemistry, textile, pumps, machine tool, etc.

特点：

无级调速、调速范围宽

系统调速性能好、节能效果显著

采用耐高频脉冲电压冲击的绝缘材料和工艺・独立风机强制通风冷却

Features:

Step-less adjustable speed operation in a wide range

Good performance of the system， energy saving .High-grade insulation material and special technological

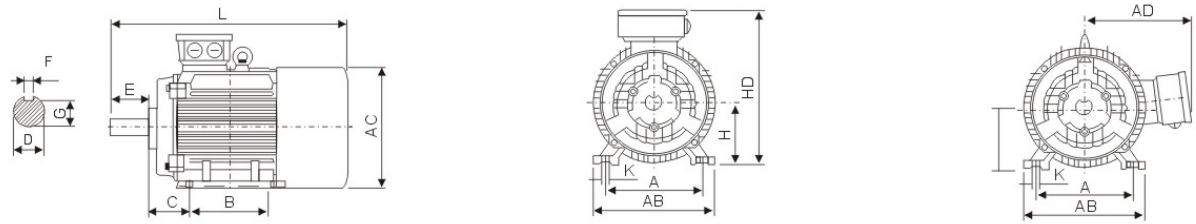
With stand high frequency pulse impact .Separate fan for forced-ventilation

技术性能参数 Technical performance data Synchronous speed 1500rpm at 50Hz

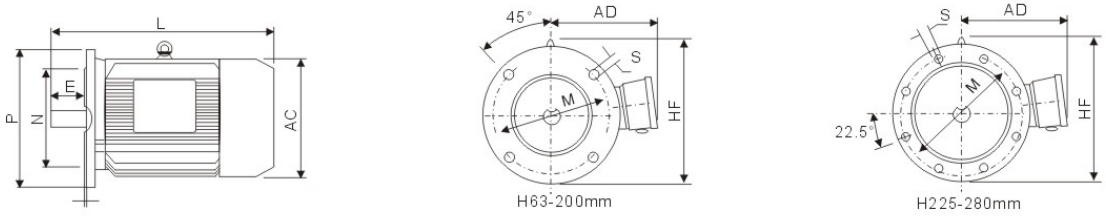
机座号 Frame Size	功率 (kW)	额定电流 (A)	额定转矩 (N·m)	恒转矩变频范围 Constant Torque Frequency Range Hz	恒功率变频范围 Constant Output Frequency Range Hz
YVF2-80M1-4	0.55	1.6	3.5	5-50	50-100
YVF2-80M2-4	0.75	2	4.7	5-50	50-100
YVF2-90S-4	1.1	2.9	7	5-50	50-100
YVF2-90L-4	1.5	3.7	9.5	5-50	50-100
YVF2-100L1-4	2.2	5.2	14	5-50	50-100
YVF2-100L2-4	3	6.8	19	5-50	50-100
YVF2-112M-4	4	8.8	25.4	5-50	50-100
YVF2-132S-4	5.5	11.8	35	5-50	50-100
YVF2-132M-4	7.5	15.6	47.7	5-50	50-100
YVF2-160M-4	11	22.3	70	5-50	50-100
YVF2-160L-4	15	30.1	95.5	5-50	50-100
YVF2-180M-4	18.5	36.1	117.1	5-50	50-100
YVF2-180L-4	22	42.7	140.9	5-50	50-100
YVF2-200L-4	30	57.6	190.9	5-50	50-100
YVF2-225S-4	37	69.9	235.5	5-50	50-100
YVF2-225M-4	45	84.7	286.4	5-50	50-100
YVF2-250M-4	55	103	350.1	3-50	50-100
YVF2-280S-4	75	140	177.7	3-50	50-100
YVF2-280M-4	90	167	572.9	3-50	50-100
YVF2-315S-4	110	201	700.2	3-50	50-100
YVF2-315M-4	132	240	840.3	3-50	50-100
YVF2-315L1-4	160	288	1018.5	3-50	50-100
YVF2-315L2-4	200	359	1273.2	3-50	50-100

外形及安装尺寸/Dimension Drawing

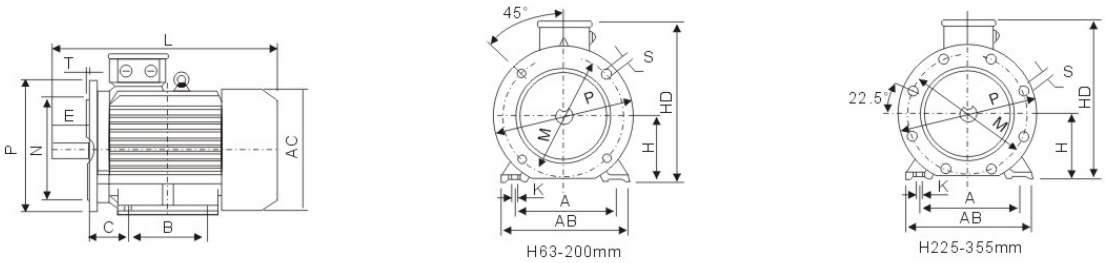
B3



B5



B35



机座号 Frame	安装尺寸Mounting Dimensions															外形尺寸Overall Dimensions			
	A	B	C	D	E	F	G	H	K	M	N	P	S	T	AB	AC	AD	HD	L
80M	125	100	50	19	40	6	15.5	80	10	165	130	200	4-φ12	3.5	165	175	145	220	370
90S	140	100	56	24	50	8	20	90	10	165	130	200	4-φ12	3.5	180	195	155	250	380
90L	140	125	56	24	50	8	20	90	10	165	130	200	4-φ12	3.5	180	195	155	250	410
100IL	160	140	63	28	60	8	24	100	12	215	180	250	4-φ15	4	205	215	180	270	465
112M	190	140	70	28	60	8	24	112	12	215	180	250	4-φ15	4	230	240	190	300	480
132S	216	140	89	38	80	10	33	132	12	265	230	300	4-φ15	4	270	275	210	345	530
132M	216	178	89	38	80	10	33	132	12	265	230	300	4-φ15	4	270	275	210	345	570
160M	254	210	108	42	110	12	37	160	15	300	250	350	4-φ19	5	320	330	255	420	660
160L	254	254	108	42	110	12	37	160	15	300	250	350	4-φ19	5	320	330	255	420	715
180M	279	241	121	48	110	14	42.5	180	15	300	250	350	4-φ19	5	355	380	280	455	775
180L	279	279	121	48	110	14	42.5	180	15	300	250	350	4-φ19	5	355	380	280	455	815
200L	318	305	133	55	110	16	49	200	19	350	300	400	4-φ19	5	395	420	305	505	850
225S	356	286	149	60	140	18	53	225	19	400	350	450	8-φ19	5	435	470	335	560	885
225M	356	311	149	60	140	18	53	225	19	400	350	450	8-φ19	5	435	470	335	560	915
250M	406	349	168	65	140	18	58	250	24	500	450	550	8-φ19	5	490	510	370	615	980
280S	457	368	190	75	140	20	67.5	280	24	500	450	550	8-φ19	5	550	580	410	680	1085
280M	457	419	190	75	140	20	67.5	280	24	500	450	550	8-φ19	5	550	580	410	680	1135
315S	508	406	216	80	170	22	71	315	28	600	550	660	8-φ24	6	635	645	530	845	1285
315M	508	457	216	80	170	22	71	315	28	600	550	660	8-φ24	6	635	645	530	845	1395
315L	508	508	216	80	170	22	71	315	28	600	550	660	8-φ24	6	635	645	530	845	1395