

YE5 系列三相异步电动机

YE5 Series Three Phase Induction Motors

一、概述



机座号 80~355

功率 0.75~375kW

工作制 S1

冷却方式: IC411

能效等级: GB18613-2020 1级 (IE5)

适用于: 需要节能连续运行的一般使用场所, 如风机、水泵、机床等。

Applications: Can be applied in the machines where continuous duty is required, like pumps, fans, machine etc.

特点: 外形美观、高效节能(效率符合 GB18613-2020 1级或 IEC 60034-30-2: 2016 中 IE5 的效率等级), F 级绝缘, 防护等

级为 IP55, 电机噪声低、振动小, 运行可靠。

Features: Beautiful profile, high efficiency and energy saving (level 1 of GB18613-2020 or IEC 60034-30-1:2014 IE5), class F insulation, IP55 protection grade, low noise, little vibration, reliable running.

性能数据 Performance Data

380V 50Hz

型 号 Type	功率 kW	额定 电流 A	转速 r/min	效率 Eff.%	功率 因数 P.F	额定 转矩 N.m	堵转转矩 额定转矩 $\frac{T_{st}}{T_N}$	堵转电流 额定电流 $\frac{I_{st}}{I_N}$	最大转矩 额定转矩 $\frac{T_{max}}{T_N}$	噪声 dB(A)
同步转速 3000 r/min										
YE5-80M1-2	0.75	1.6	2915	86.3	0.83	2.46	2.2	8.5	2.3	62
YE5-80M2-2	1.1	2.3	2910	87.8	0.83	3.61	2.2	8.5	2.3	62
YE5-90S-2	1.5	3.0	2905	88.9	0.85	4.93	2.2	9.0	2.3	67
YE5-90L-2	2.2	4.3	2910	90.2	0.86	7.22	2.2	9.0	2.3	67
YE5-100L-2	3	5.8	2930	91.1	0.87	9.78	2.2	9.5	2.3	74
YE5-112M-2	4	7.5	2930	91.8	0.88	13.0	2.2	9.5	2.3	77
YE5-132S1-2	5.5	10.3	2955	92.6	0.88	17.8	2.0	9.5	2.3	79
YE5-132S2-2	7.5	13.7	2955	93.3	0.89	24.2	2.0	9.5	2.3	79
YE5-160M1-2	11	20.0	2975	94.0	0.89	35.3	2.0	9.5	2.3	81
YE5-160M2-2	15	27.1	2970	94.5	0.89	48.2	2.0	9.5	2.3	81
YE5-160L-2	18.5	33.3	2970	94.9	0.89	59.5	2.0	9.5	2.3	81
YE5-180M-2	22	39.5	2975	95.1	0.89	70.6	2.0	9.5	2.3	83
YE5-200L1-2	30	53.6	2975	95.5	0.89	96.3	2.0	9.0	2.3	84
YE5-200L2-2	37	65.9	2975	95.8	0.89	119	2.0	9.0	2.3	84
YE5-225M-2	45	80.0	2980	96.0	0.89	144	2.0	9.0	2.3	86
YE5-250M-2	55	97.6	2980	96.2	0.89	176	2.0	9.0	2.3	89
YE5-280S-2	75	133	2985	96.5	0.89	240	1.8	8.5	2.3	91
YE5-280M-2	90	159	2990	96.6	0.89	287	1.8	8.5	2.3	91
YE5-315S-2	110	194	2985	96.8	0.89	352	1.8	8.5	2.3	92
YE5-315M-2	132	233	2985	96.9	0.89	422	1.8	8.5	2.3	92
YE5-315L1-2	160	282	2985	97.0	0.89	512	1.8	8.5	2.2	92

性能数据 Performance Data

380V 50Hz

型 号 Type	功率 kW	额定 电流 A	转速 r/min	效率 Eff.%	功率 因数 P.F	额定 转矩 N.m	堵转转矩 额定转矩 $\frac{T_{st}}{T_N}$	堵转电流 额定电流 $\frac{I_{st}}{I_N}$	最大转矩 额定转矩 $\frac{T_{max}}{T_N}$	噪声 dB(A)
同步转速 3000 r/min										
YE5-315L-2	185	325	2985	97.1	0.89	592	1.8	8.5	2.2	92
YE5-315L2-2	200	351	2985	97.2	0.89	640	1.8	8.5	2.2	92
YE5-315L3-2	220	382	2985	97.2	0.90	704	1.8	8.5	2.2	92
YE5-315L4-2	250	429	2985	97.2	0.91	800	1.8	8.5	2.2	92
YE5-355M1-2	220	378	2985	97.2	0.91	704	1.8	8.5	2.2	97
YE5-355M-2	250	429	2985	97.2	0.91	800	1.6	8.5	2.2	97
YE5-355L1-2	280	481	2985	97.2	0.91	896	1.6	8.5	2.2	97
YE5-355L-2	315	541	2985	97.2	0.91	1008	1.6	8.5	2.2	97
YE5-355 1-2	355	610	2985	97.2	0.90	1136	0.9	8.6	1.6	97
YE5-355 2-2	375	644	2985	97.2	0.90	1200	0.9	8.6	1.6	97
同步转速 1500 r/min										
YE5-80M1-4	0.55	1.3	1455	86.7	0.74	3.61	2.4	6.6	2.3	56
YE5-80M2-4	0.75	1.7	1455	88.2	0.74	4.92	2.3	8.5	2.3	56
YE5-90S-4	1.1	2.5	1460	89.5	0.75	7.20	2.3	8.5	2.3	59
YE5-90L-4	1.5	3.3	1460	90.4	0.76	9.81	2.3	9.0	2.3	59
YE5-100L1-4	2.2	4.6	1470	91.4	0.79	14.3	2.3	9.0	2.3	64
YE5-100L2-4	3	6.2	1470	92.1	0.80	19.5	2.3	9.5	2.3	64
YE5-112M-4	4	8.2	1470	92.8	0.80	26.0	2.3	9.5	2.3	65
YE5-132S-4	5.5	11.2	1480	93.4	0.80	35.5	2.0	9.5	2.3	71
YE5-132M-4	7.5	15.0	1475	94.0	0.81	48.6	2.0	9.5	2.3	71
YE5-160M-4	11	21.5	1485	94.6	0.83	70.7	2.0	9.5	2.3	73
YE5-160L-4	15	28.9	1485	95.1	0.84	96.5	2.0	9.5	2.3	73
YE5-180M-4	18.5	34.7	1485	95.3	0.85	119	2.0	9.5	2.3	76
YE5-180L-4	22	41.2	1485	95.5	0.85	141	2.0	9.5	2.3	76
YE5-200L-4	30	55.9	1485	95.9	0.85	193	2.0	9.0	2.3	76
YE5-225S-4	37	68.8	1490	96.1	0.85	237	2.0	9.0	2.3	78
YE5-225M-4	45	83.5	1490	96.3	0.85	288	2.0	9.0	2.3	78
YE5-250M-4	55	101	1490	96.5	0.86	353	2.0	9.0	2.3	79
YE5-280S-4	75	135	1495	96.7	0.87	479	2.0	8.5	2.3	80
YE5-280M-4	90	160	1490	96.9	0.88	577	2.0	8.5	2.3	80
YE5-315S-4	110	194	1490	97.0	0.89	705	1.8	8.5	2.2	88
YE5-315M-4	132	232	1490	97.1	0.89	846	1.8	8.5	2.2	88
YE5-315L1-4	160	278	1490	97.2	0.90	1026	1.8	8.5	2.2	88
YE5-315L-4	185	321	1490	97.3	0.90	1186	1.8	8.5	2.2	88
YE5-315L2-4	200	347	1490	97.4	0.90	1282	1.8	8.5	2.2	88
YE5-315L3-4	220	381	1490	97.4	0.90	1410	1.8	8.5	2.2	88
YE5-315L4-4	250	433	1490	97.4	0.90	1602	1.8	8.5	2.2	88
YE5-355M1-4	220	381	1490	97.4	0.90	1410	1.8	8.5	2.2	92
YE5-355M-4	250	433	1495	97.4	0.90	1597	1.8	8.5	2.2	92
YE5-355L1-4	280	485	1495	97.4	0.90	1789	1.8	8.5	2.2	92
YE5-355L-4	315	546	1495	97.4	0.90	2019	1.8	8.5	2.2	92
YE5-355 1-4	355	629	1490	97.4	0.88	2275	0.9	8.5	1.8	92
YE5-355 2-4	375	665	1490	97.4	0.88	2404	0.9	8.5	1.8	92

性能数据 Performance Data

380V 50Hz

型 号 Type	功率 kW	额定 电流 A	转速 r/min	效率 Eff.%	功率 因数 P.F	额定 转矩 N.m	堵转转矩 额定转矩 $\frac{T_{st}}{T_N}$	堵转电流 额定电流 $\frac{I_{st}}{I_N}$	最大转矩 额定转矩 $\frac{T_{max}}{T_N}$	噪声 dB(A)
同步转速 1000 r/min										
YE5-80M1-6	0.37	1.0	950	81.6	0.68	3.72	1.9	6.0	2.1	54
YE5-80M2-6	0.55	1.5	950	84.2	0.68	5.53	1.9	6.0	2.1	54
YE5-90S-6	0.75	1.9	965	85.7	0.70	7.42	2.1	7.5	2.1	57
YE5-90L-6	1.1	2.8	970	87.2	0.70	10.8	2.1	7.5	2.1	57
YE5-100L-6	1.5	3.7	980	88.4	0.71	14.6	2.1	7.5	2.1	61
YE5-112M-6	2.2	5.3	980	89.7	0.71	21.4	2.1	7.5	2.1	65
YE5-132S-6	3	7.1	985	90.6	0.71	29.1	2.0	7.5	2.1	69
YE5-132M1-6	4	9.2	985	91.4	0.72	38.8	2.0	8.0	2.1	69
YE5-132M2-6	5.5	12.6	985	92.2	0.72	53.3	2.0	8.0	2.1	69
YE5-160M-6	7.5	16.4	985	92.9	0.76	72.7	2.0	8.0	2.1	73
YE5-160L-6	11	23.5	985	93.7	0.77	107	2.0	8.5	2.1	73
YE5-180L-6	15	30.4	990	94.3	0.80	145	2.0	8.5	2.1	73
YE5-200L1-6	18.5	37.1	990	94.6	0.80	178	2.0	8.5	2.1	73
YE5-200L2-6	22	43.5	990	94.9	0.81	212	2.0	8.5	2.1	73
YE5-225M-6	30	59.0	990	95.3	0.82	289	2.0	8.3	2.1	74
YE5-250M-6	37	70.8	990	95.6	0.83	357	2.0	8.3	2.1	76
YE5-280S-6	45	86.9	995	95.8	0.83	432	2.0	8.5	2.0	78
YE5-280M-6	55	105	995	96.0	0.84	528	2.0	8.5	2.0	78
YE5-315S-6	75	141	990	96.3	0.84	723	1.6	8.0	2.0	83
YE5-315M-6	90	167	990	96.5	0.85	868	1.6	8.0	2.0	83
YE5-315L1-6	110	204	990	96.6	0.85	1061	1.6	8.0	2.0	83
YE5-315L2-6	132	241	990	96.8	0.86	1273	1.6	8.0	2.0	83
YE5-315L3-6	160	292	990	96.9	0.86	1543	1.6	8.0	2.0	83
YE5-315L4-6	185	337	990	97.0	0.86	1776	1.6	8.0	2.0	83
YE5-355M1-6	160	291	995	97.0	0.86	1536	1.6	8.0	2.0	85
YE5-355M-6	185	337	995	97.0	0.86	1776	1.6	8.0	2.0	85
YE5-355M2-6	200	364	995	97.0	0.86	1920	1.6	8.0	2.0	85
YE5-355L1-6	220	401	995	97.0	0.86	2112	1.6	8.0	2.0	85
YE5-355L-6	250	455	995	97.0	0.86	2399	1.6	8.0	2.0	85
YE5-355 1-6	280	522	995	97.0	0.84	2687	1.6	8.0	2.0	91
YE5-355 2-6	315	602	995	97.0	0.82	3023	0.9	7.9	1.8	91
YE5-355 3-6	355	678	995	97.0	0.82	3407	0.9	7.9	1.8	91
同步转速 750 r/min										
YE5-80M1-8	0.18	0.67	710	71.9	0.60	2.42	1.8	5.2	1.8	52
YE5-80M2-8	0.25	0.86	710	75.2	0.60	3.36	1.8	5.7	1.8	52
YE5-90S-8	0.37	1.2	715	78.4	0.60	4.94	1.8	6.2	1.9	56
YE5-90L-8	0.55	1.7	715	80.6	0.61	7.34	1.8	5.9	2.0	56
YE5-100L1-8	0.75	2.1	720	82.0	0.66	9.95	2.0	7.0	2.0	59
YE5-100L2-8	1.1	3.0	720	84.0	0.67	14.6	2.0	7.0	2.0	59
YE5-112M-8	1.5	4.0	720	85.5	0.69	19.9	2.0	7.0	2.0	61
YE5-132S-8	2.2	5.5	730	87.2	0.70	28.8	1.8	7.5	2.0	64
YE5-132M-8	3	7.4	730	88.4	0.70	39.2	1.8	7.8	2.0	64

性能数据 Performance Data

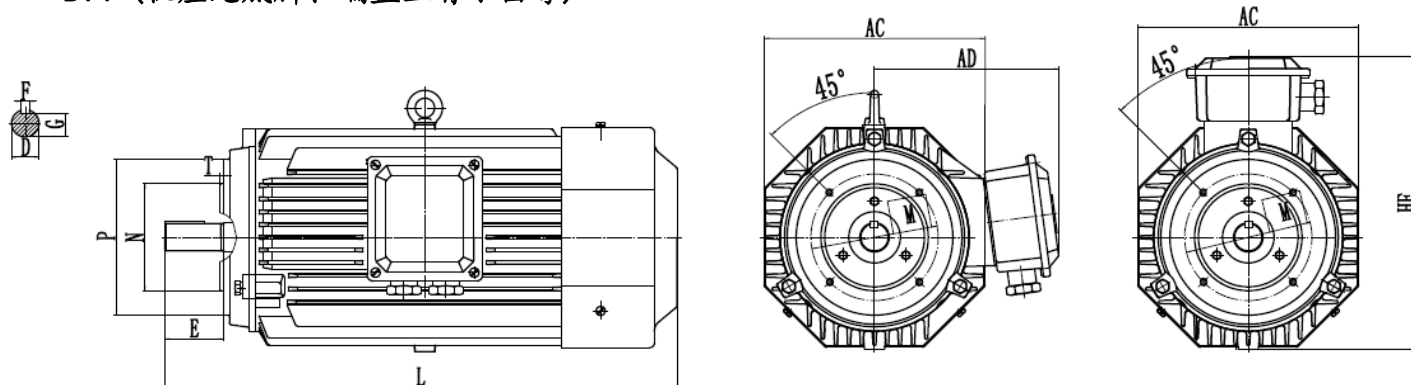
380V 50Hz

型 号 Type	功率 kW	额定 电流 A	转速 r/min	效率 Eff. %	功率 因数 P.F	额定 转矩 N.m	堵转转矩 额定转矩 $\frac{T_{st}}{T_N}$	堵转电流 额定电流 $\frac{I_{st}}{I_N}$	最大转矩 额定转矩 $\frac{T_{max}}{T_N}$	噪声 dB(A)
同步转速 750 r/min										
YE5-160M1-8	4	9.7	735	89.4	0.71	52.0	1.8	7.9	2.0	68
YE5-160M2-8	5.5	12.8	735	90.4	0.72	71.5	1.8	8.1	2.0	68
YE5-160L-8	7.5	17.1	735	91.3	0.74	97.4	1.8	7.8	2.0	68
YE5-180L-8	11	24.5	735	92.2	0.74	143	1.8	7.9	2.0	70
YE5-200L-8	15	32.7	740	92.9	0.75	194	1.8	8.0	2.0	73
YE5-225S-8	18.5	40.7	740	93.3	0.75	239	1.8	8.1	2.0	73
YE5-225M-8	22	47.6	740	93.6	0.76	284	1.8	8.3	2.0	73
YE5-250M-8	30	62.9	740	94.1	0.77	387	1.8	7.9	2.0	75
YE5-280S-8	37	76.3	745	94.4	0.78	474	1.8	7.9	2.0	76
YE5-280M-8	45	92.6	745	94.7	0.78	577	1.8	7.9	2.0	76
YE5-315S-8	55	110	740	94.9	0.80	710	1.6	8.2	2.0	82
YE5-315M-8	75	149	740	95.3	0.80	968	1.6	7.6	2.0	82
YE5-315L1-8	90	177	745	95.5	0.81	1154	1.6	7.7	2.0	82
YE5-315L2-8	110	216	745	95.7	0.81	1410	1.6	7.7	2.0	82
YE5-315L3-8	132	258	745	96.1	0.81	1692	1.6	7.7	2.0	82
YE5-355M1-8	132	258	740	96.1	0.81	1704	1.6	7.7	2.0	89
YE5-355M2-8	160	322	740	96.2	0.82	2065	1.6	7.7	2.0	89
YE5-355L1-8	185	356	740	96.3	0.82	2388	1.6	7.7	2.0	89
YE5-355L-8	200	385	745	96.3	0.82	2564	1.6	7.8	2.0	89
YE5-355 1-8	220	429	745	96.3	0.81	2820	1.6	7.8	2.0	89
YE5-355 2-8	250	493	745	96.3	0.80	3205	1.1	7.6	2.0	89
YE5-355 3-8	280	552	745	96.3	0.80	3589	1.1	7.6	2.0	89

外形及安装尺寸 Dimensions

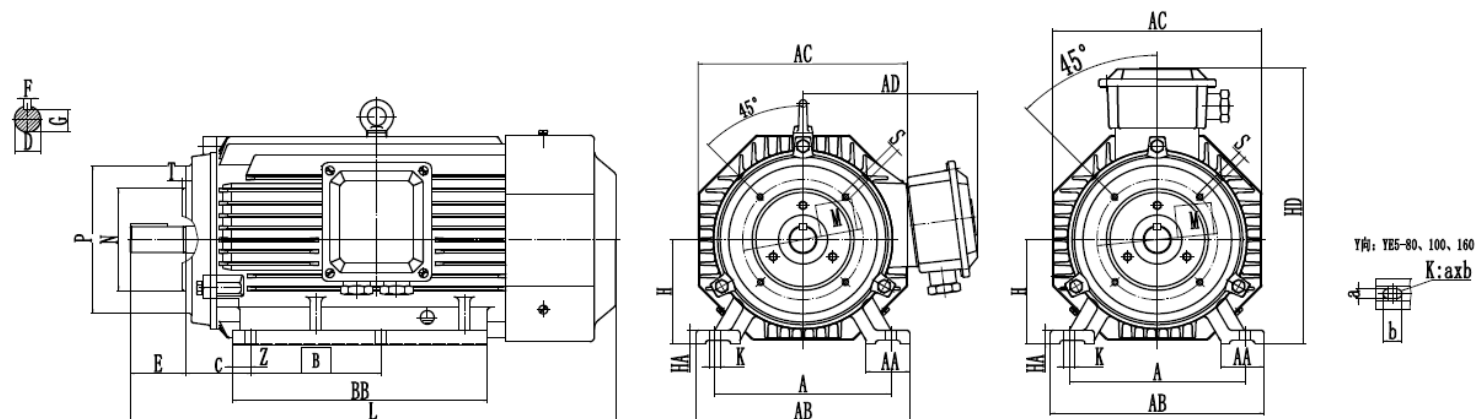
mm

B14 (机座无底脚、端盖上有小凸缘)



机座号 Frame	极数 Poles	安 装 尺 寸 及 公 差 Mounting Dimension										外 形 尺 寸 Overall Dimension			
		D	E	F	G	M	N	P	R	S	T	AC	AD	HF	L
80M	2,4,6,8	19	40	6	15.5	100	80	120	0	4-M6	3	165	145	235	390
90S	2,4,6,8	24	50	8	20	115	95	140	0	4-M8	3	180	155	245	415
90L	2,4,6,8														465
100L	2,4,6,8	28	60	8	24	130	110	160	0	4-M8	3.5	220	175	280	508
112M	2, 4,6,8	28	60	8	24	130	110	160	0	4-M8	3.5	225	195	305	530

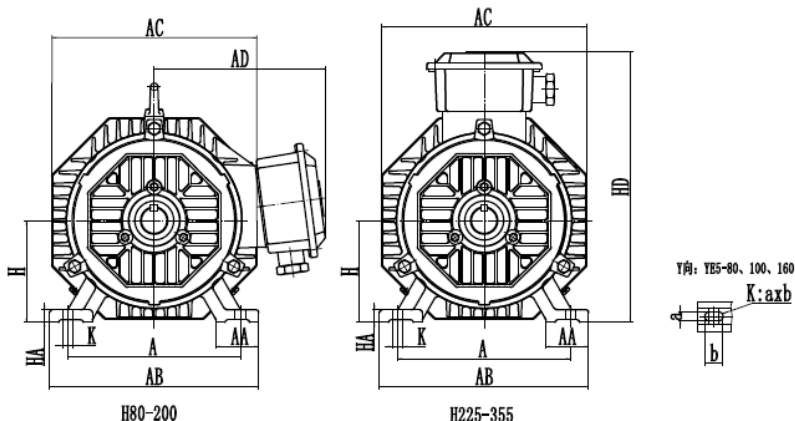
B34 (机座带底脚、端盖上有小凸缘)



机座号 Frame	极数 Poles	安 装 尺 寸 及 公 差 Mounting Dimension															外 形 尺 寸 Overall Dimension								
		A	B	C	Z	D	E	F	G	H	K	M	N	P	S	T	AA	BB	HA	AB	AC	AD	HD	L	
80M	2,4,6,8	125	100	50	15	19	40	6	15.5	80	10X20	100	80	120	4-M6	3	33	200	10	158	160	145	230	390	
90S	2,4,6,8	140	100	56	20	24	50	8	20	90	10	115	95	140	4-M8	3	34	205	12	174	180	155	245	415	
90L	2,4,6,8		125															255						465	
100L	2,4,6,8	160	140	63	19	28	60	8	24	100	12X27	130	110	160	4-M8	3.5	40	245	14	200	220	175	275	508	
112M	2, 4,6,8	190	140	70	20	28	60	8	24	112	12	130	110	160	4-M8	3.5	47	275	14	230	225	195	305	530	

mm

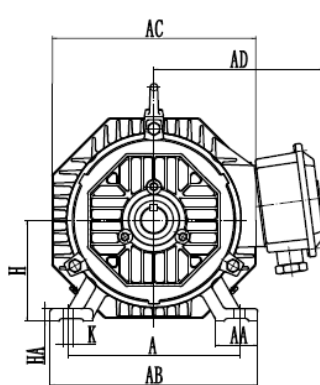
Technical drawing of a motor with dimensions labeled A through L. The drawing shows a side view of the motor with a central square terminal box. Dimensions include: A (height of the terminal box), B (width of the terminal box), C (width of the motor body), D (height of the base), E (height of the base), F (height of the terminal box), G (width of the base), H (height of the base), I (height of the base), J (height of the base), K (height of the base), L (total length of the motor), M (height of the base), N (height of the base), O (height of the base), P (height of the base), Q (height of the base), R (height of the base), S (height of the base), T (height of the base), U (height of the base), V (height of the base), W (height of the base), X (height of the base), Y (height of the base), Z (height of the base).



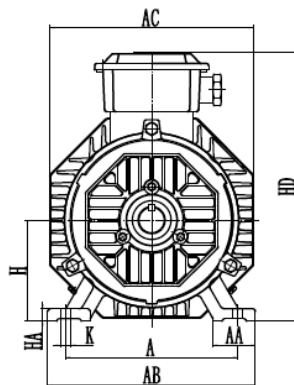
机座号 Frame	极数 Poles	安 装 尺 寸 Mounting Dimension										外 形 尺 寸 Overall Dimension								
		A	B	C	Z	D	E	F	G	H	K	AA	BB	HA	AB	AC	AD	HD	L	
80M	2,4,6,8	125	100	50	15	19	40	6	155	80	10	33	200	10	158	160	145	230	390	
90S	2,4,6,8	140	100	56	20	24	50	8	20	90	10	34	205	12	174	180	155	245	415	
90L			125										255						465	
100L	2,4,6,8	160	140	63	19	28	60	8	24	100	12	40	245	14	200	220	175	275	508	
112M	2,4,6,8	190	140	70	20	28	60	8	24	112	12	47	275	14	230	225	195	305	530	
132S	2,4,6,8	216	140	89	23	38	80	10	33	132	12	55	270	18	265	275	220	350	570	
132M			178										310						610	
160M	2,4,6,8	254	210	108	20	42	110	12	37	160	15 X3	65	310	20	320	330	260	420	700	
160L			254										360						750	
180M	2,4	279	241	121	30	48	110	14	425	180	15	70	350	22	349	360	280	449	835	
180L	6,8		279										400							885
	4																			
200L	2,4,6,8	318	305	133	32	55	110	16	49	200	19	75	475	26	400	415	325	525	900	
225S	4	356	286	149	40	60	140	18	53	225	19	80	490	28	437	475	355	580	970	
225M	2		311			55	110	16	49				490						940	
225M	4,6,8					60	140	18	53										970	
250M	2	406	349	168	65	60	140	18	53	250	24	80	485	30	490	530	410	650	980	
	4,6,8					65			58											
280S	2	457	368	190	65	65	140	18	58	280	24	90	550	35	550	580	425	705	1080	
	4,6,8					75		20	675											
280M	2		419			65		65	18				58						610	1140
	4,6,8							75	20				675							

mm

Technical drawing of a motor assembly. The drawing shows a side view of the motor with various dimensions labeled. The dimensions are: E (height of the base), F (height of the motor frame), G (width of the base), D (width of the motor frame), Z (height of the base), C (width of the base), B (width of the motor frame), BB (width of the motor frame), and L (length of the motor frame).



H80-200



H225-355

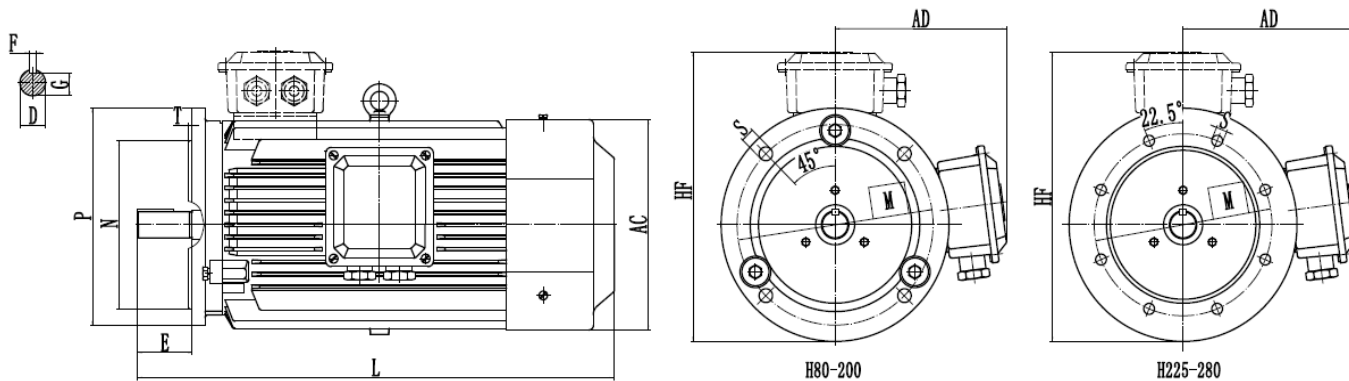
Y向: YE5-80、100、160
K: axb

机座号 Frame	极数 Poles	安 装 尺 寸 Mounting Dimension										外 形 尺 寸 Overall Dimension									
		A	B	C	Z	D	E	F	G	H	K	AA	BB	HA	AB	AC	AD	HD	L		
315S	2	508	406	216	84	65	140	18	58	315	28	120	630	50	630	660	540	855	1310		
	4,6,8					80	170	22	71										1340		
315M	2		457			65	140	18	58										1310		
	4					80	170	22	71										1440		
	6,8					630	1340														
315L1/L	2		508			65	140	18	58				730						1410		
	4					80	170	22	71										1440		
315L1	6.8					65	140	18	58										1440		
315L2	2					80	170	22	71										1410		
	4					65	140	18	58										1490		
	6,8	80		170	22	71	1440														
355M1	2	610		560	254	68	65	140	18	58	355	28		130	750	50	730	720	620	1000	1520
	4.6						80	170	22	71											1550
	8						75	140	20	67.5											1650
355M	2						95	170	25	86											1520
	4.6		800				1650														
355M2	6.8		75				140	20	67.5	800			1650								
355L1	2		630				95	170	25	86			800		1620						
355L1/L	4.6.8						80	170	22	71					1650						
355L	2						110	210	28	100					1620						
355 1/355 2							4.6.8	1650													

外形及安装尺寸 Dimensions

mm

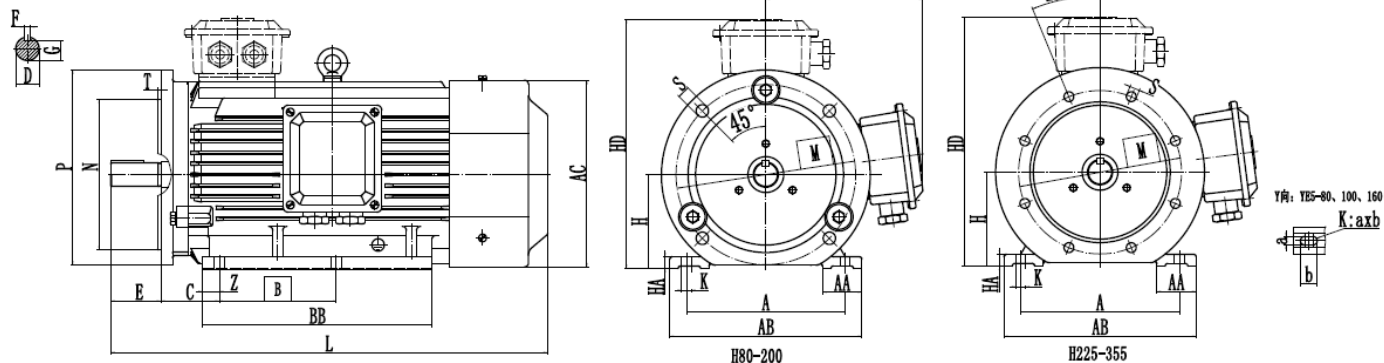
B5 (机座不带底脚、端盖有凸缘)



机座号 Frame	极数 Poles	安 装 尺 寸 及 公 差 Mounting Dimension										外 形 尺 寸 Overall			
		D	E	F	G	M	N	P	R	S	T	AC	AD	HF	L
80M	2,4,6,8	19	40	6	15.5	165	130	200	0	4-Φ12	3.5	165	145	250	390
90S	2,4,6,8	24	50	8	20	165	130	200	0	4-Φ12	3.5	180	155	255	415
90L															465
100L	2,4,6,8	28	60	8	24	215	180	250	0	4-Φ15	4	220	175	280	508
112M	2,4,6,8	28	60	8	24	215	180	250	0	4-Φ15	4	225	195	320	530
132S	2,4,6,8	38	80	10	33	265	230	300	0	4-Φ15	4	275	220	370	570
132M															610
160M	2,4,6,8	42	110	12	37	300	250	350	0	4-Φ19	5	330	260	435	700
160L															750
180M	2,4	48	110	14	42.5	300	250	350	0	4-Φ19	5	360	280	445	835
180L	6,8														885
	4														
200L	2,4,6,8	55	110	16	49	350	300	400	0	4-Φ19	5	415	325	525	900
225S	4	60	140	18	53	400	350	450	0	8-Φ19	5	475	355	580	970
225M	2	55	110	16	49										940
	4,6,8	60	140	18	53										970
250M	2	60	140	18	53	500	450	550	0	8-Φ19	5	530	410	685	980
	4,6,8	65			58										
280S	2	65	140	18	58	500	450	550	0	8-Φ19	5	580	425	700	1080
	4,6,8	75		20	67.5										1140
280M	2	65		18	58										
	4,6,8	75		20	67.5										

mm

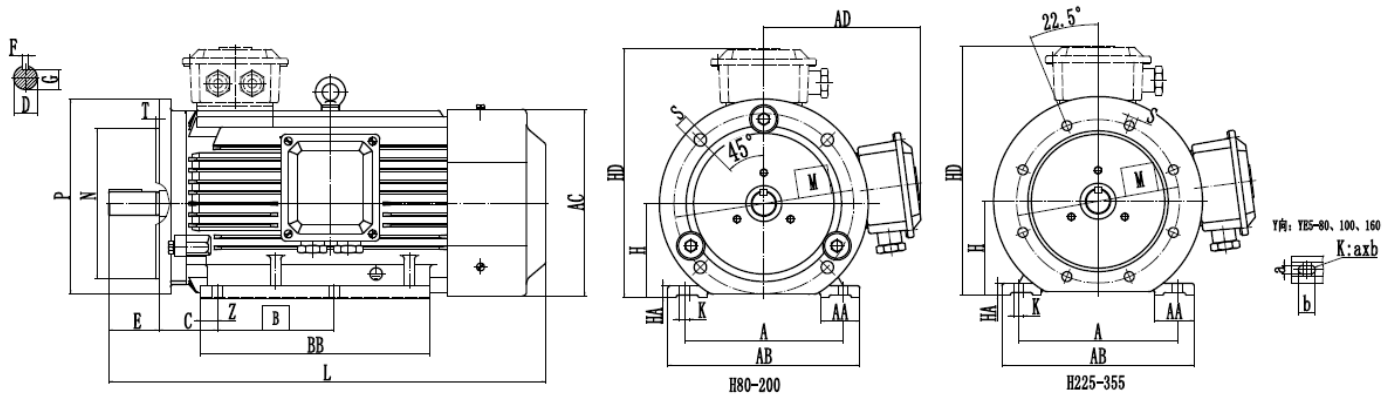
B35 (机座带底脚、端盖有凸缘)



机座号 Frame	极数 Poles	安 装 尺 寸 及 公 差 Mounting Dimension															外 形 尺 寸 Overall Dimension														
		A	B	C	Z	D	E	F	G	H	K	M	N	P	S	T	AA	BB	HA	AB	AC	AD	HD	L							
80M	2,4,6,8	125	100	50	15	19	40	6	15.5	80	10X20	165	130	200	4-Φ12	3.5	33	200	10	158	160	145	230	390							
90S	2,4,6,8	140	100	56	20	24	50	8	20	90	10	165	130	200	4-Φ12	3.5	34	205	12	174	180	155	245	415							
90L			125															255						465							
100L	2,4,6,8	160	140	63	19	28	60	8	24	100	12X27	215	180	250	4-Φ15	4	40	245	14	200	220	175	275	510							
112M	2,4,6,8	190	140	70	20	28	60	8	24	112	12	215	180	250	4-Φ15	4	47	275		230	225	195	305	530							
132S	2,4,6,8	216	140	89	23	38	80	10	33	132	12	265	230	300	4-Φ15	4	55	270	18	265	273	220	350	570							
132M			178															310						610							
160M	2,4,6,8	254	210	108	20	42	110	12	37	160	15X35	300	250	350	4-Φ19	5	65	310	20	330	320	260	420	700							
160L			254															360						750							
180M	2,4	279	241	121	30	48	110	14	42.5	180	15	300	250	350	4-Φ19	5	70	350	22	349	360	280	449	835							
180L	6,8		279															400						885							
	4																														
200L	2,4,6,8	318	305	133	32	55	110	16	49	200	19	350	300	400	4-Φ19	5	75	475	26	400	415	325	525	900							
225S	4	356	286	149	40	60	140	18	53	225	19	400	350	450	8-Φ19	5	80	490	28	437	475	355	580	970							
225M	2		311			55	110	16	49									490						940							
	4,6,8					60	140	18	53									250						24	500	450	550	8-Φ19	5	80	485
250M	2	406	349	168	65	60				140	18	58	280	24	500	450	550		8-Φ19	5	80	485	30								
	4,6,8				65	65																									
280S	2	457	368	190	65	65	140	20	67.5	280	24	500	450	550	8-Φ19	5	90	550	35	550	580	425	705	1080							
280M	4,6,8		419			75												18						58	610	1140					
	2					65																					75	18	58	610	1140
	4,6,8					75																					20	67.5	75	18	58

mm

B35 (机座带底脚、端盖有凸缘)

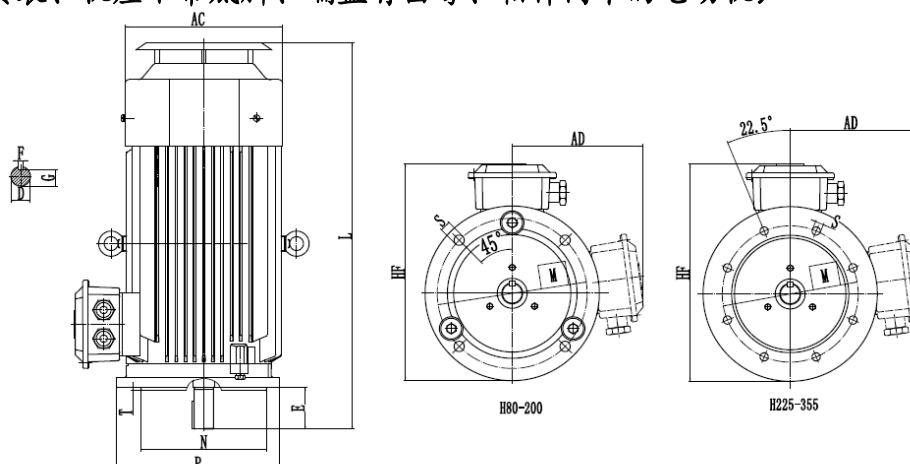


机座号 Frame	极数 Poles	安 装 尺 寸 及 公 差 Mounting Dimension															外 形 尺 寸 Overall Dimension																								
		A	B	C	Z	D	E	F	G	H	K	M	N	P	S	T	AA	BB	HA	AB	AC	AD	HD	L																	
315S	2	508	406	216	66	65	140	18	58	315	28	600	550	660	8-Φ24	6	120	630	50	630	635	540	855	1310																	
	4,6,8					80	170	22	71															1340																	
315M	2					457	65	140	18															58	1310																
	4		80				170	22	71									1440																							
	6,8		630				1340																																		
315L1/L	2		508			216	66	65	140									18						58	315	28	600	550	660	8-Φ24	6	120	730	50	630	635	540	855	1410		
	4							80	170									22						71															1440		
315L1	6.8							730	65									140						18															58	1440	
315L2	2								80									170						22															71	1410	
	4								65									140						18															58	1490	
	6,8	80		170	22			71	1440																																
355M1	2	610		560	254			68	65	140	18	58	355	28	740	680	800	8-Φ24	6	130	750	50	730	720															620	1005	1520
	4.6								80	170	22	71									1550																				
	8		75			140	20		67.5	1650																															
355M	2		95			170	25		86	1520																															
	4.6		800			1650																																			
355M2	6.8		630			75	140		20	67.5	1620																														
355L1	2			95		170	25		86	1650																															
355L1/L	4.6.8			800		80	170		22	71	1650																														
355L	2					110	210		28	100	1690																														
355 1/355 2																																									
355 1/355 2	4.6.8																																								

外形及安装尺寸 Dimensions

mm

V1 (立式安装、机座不带底脚、端盖有凸缘、轴伸向下的电动机)



机座号 Frame	极数 Poles	安 装 尺 寸 Mounting Dimension										外 形 尺 寸 Overall												
		D	E	F	G	M	N	P	R	S	T	AC	AD	HF	L									
180M	2,4,6,8	48	110	14	42.5	300	250	350	0	4-Φ19	5	360	280	520	885									
180L	2,6,8														935									
	4														935									
200L	2,4,6	55	110	16	49	350	300	400	0	4-Φ19	5	415	325	600	955									
225S	4	60	140	18	53	400	350	450	0	8-Φ19	5	475	355	660	1030									
225M	2	55	110	16	49										1000									
	4,6	60	140	18	53										1040									
250M	2	60	140	18	53	500	450	550	0	8-Φ19	5	530	410	760	1050									
	4,6	65			58																			
280S	2	65	140	18	58	500	450	550	0	8-Φ19	5	580	425	810	1155									
	4,6	75		20	67.5										1215									
280M	2	65		18	58											1215								
	4,6	75		20	67.5																			
315S	2	65	140	18	58	600	550	660	0	8-Φ24	6	660	540	970	1420									
	4,6,8	80	170	22	71										1450									
315M	2	65	140	18	58										1420									
	4	80	170	22	71										1550									
	6,8														1450									
315L1/L	2	65	140	18	58										1520									
	4	80	170	22	71										1550									
315L1	6.8	65	140	18	58										1550									
315L2	2	65	140	18	58										1570									
	4														1600									
	6.8														1550									
355M1	2	65	140	18	58										740	680	800	0	8-Φ24	6	720	620	1135	1630
	4,6	95	170	25	86																			1650
	8																							1760
355M	2	75	140	20	67.5	1630																		
	4.6	95	170	25	86	1760																		
355M2	6.8					1730																		
355L1	2	75	140	20	67.5	1760																		
355L1/L	4.6,8	95	170	25	86	1760																		
355L	2	80	170	22	71	1760																		
355 1/355 2																								
355 1/355 2	4.6,8	110	210	28	100	1800																		

注：1. V1 安装型式 H80-160 的电机外形图和尺寸参见同型号 B5 电机相关图纸和数据。

2. 安装尺寸偏差按技术条件规定，外形尺寸因铸件批次稍有差异，以上外形图及尺寸仅供客户参考选型。

常用的安装结构型式，以及适用的机座号见下表：

Conventional mounting type and suitable frame size are given in following table (with “√”)

机座号 Frame	基本安装结构 basic type			派生的安装形式 derived type											
	B3	B5	B35	V1	V3	V5	V6	B6	B7	B8	V15	V36	B14	B34	V18
63~112	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
132~160	√	√	√	√	√	√	√	√	√	√	√	√	-	-	-
180~280	√	√	√	√	-	-	-	-	-	-	-	-	-	-	-
315~355	√	-	√	√	-	-	-	-	-	-	-	-	-	-	-

注：“√”表示可以制造生产的结构型式，电机订购时，若不作说明的接线盒为侧式右出线。以上数据，如有变更，恕不另行通知。

If there is no other request in the order or agreement, terminal box position at the right side of the frame is regarded as standard ; data above may be changed without prior notice.