

YE5 Series Three Phase Induction Motors

Overview

Frame:80~355

Power:0.75~375kW

Duty: S1

Cooling Method: IC411

GB18613-2020 1Class (IE5)

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

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.

Performance Data

380V 50Hz

Type	kW	A	r/min	Eff.%	P.F	N.m	$\frac{T_{st}}{T_N}$	$\frac{I_{st}}{I_N}$	$\frac{T_{max}}{T_N}$	dB(A)
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

Performance Data

380V 50Hz

Type	kW	A	r/min	Eff.%	P.F	N.m	$\frac{T_{st}}{T_N}$	$\frac{I_{st}}{I_N}$	$\frac{T_{max}}{T_N}$	dB(A)
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
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

Performance Data

380V 50Hz

Type	kW	A	r/min	Eff.%	P.F	N.m	$\frac{T_{st}}{T_N}$	$\frac{I_{st}}{I_N}$	$\frac{T_{max}}{T_N}$	dB(A)
1000 r/min										
YE5-80M1-6	0.37	1.0	950	81.6	0.68	3.72	1.9	6.0	2.0	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
750 r/min										
YE5-80M1-8	0.18	0.67	710	71.9	0.60	2.42	1.8	5.2	1.9	52
YE5-80M2-8	0.25	0.86	710	75.2	0.60	3.36	1.8	5.7	1.9	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

Performance Data

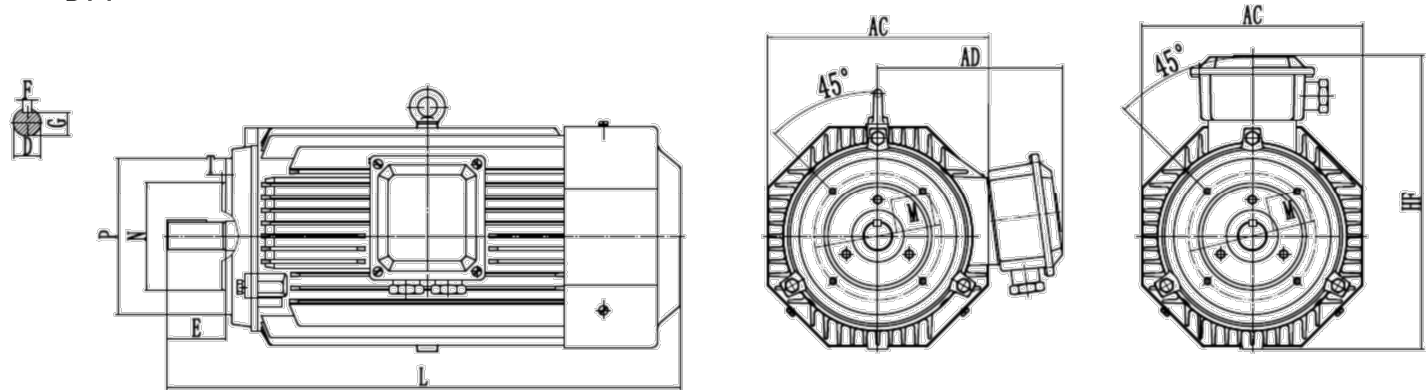
380V 50Hz

Type	kW	A	r/min	Eff.%	P.F	N.m	$\frac{T_{st}}{T_N}$	$\frac{I_{st}}{I_N}$	$\frac{T_{max}}{T_N}$	dB(A)
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

Dimensions

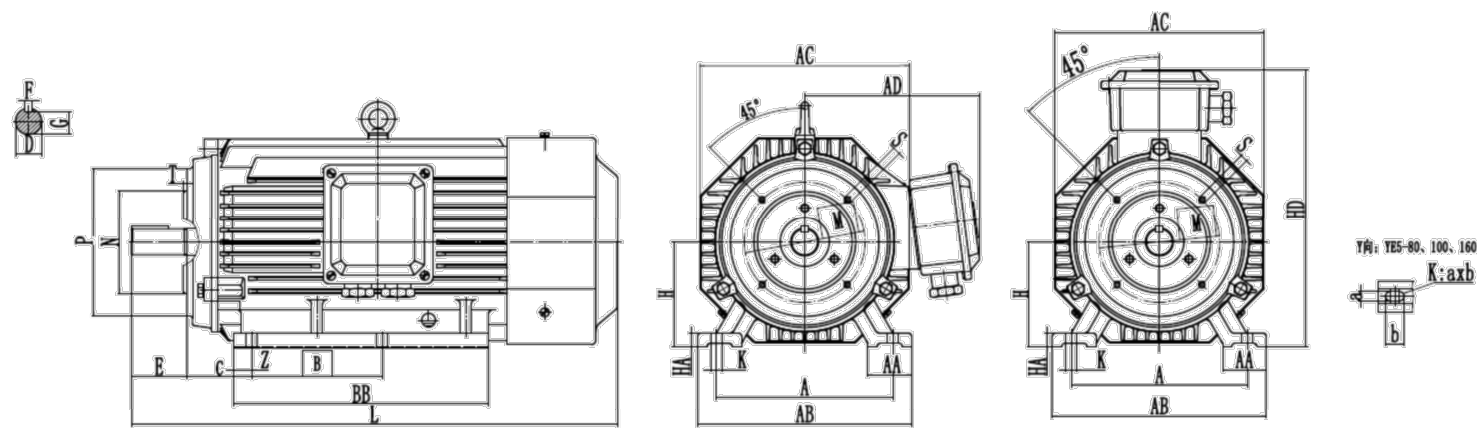
mm

B14



Frame	Poles	Mounting Dimension										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

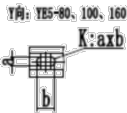
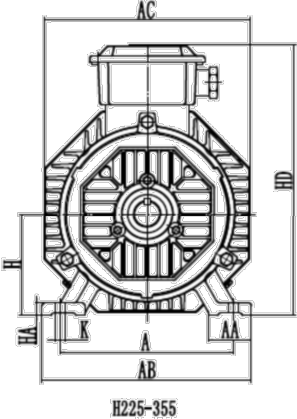
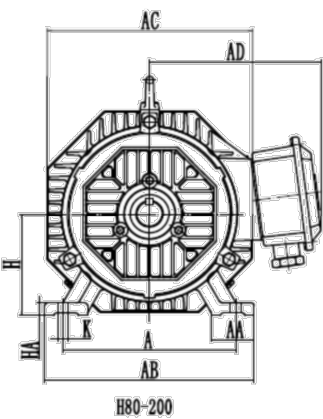
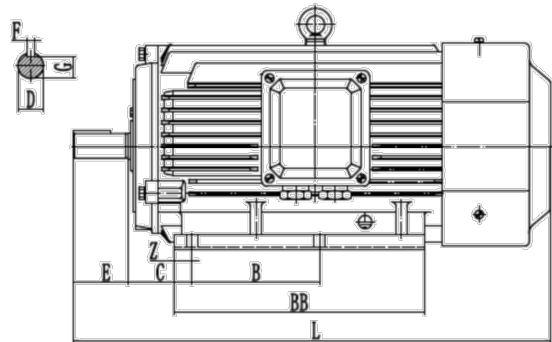


Frame	Poles	Mounting Dimension															Overall Dimension									
		A	B	C	Z	D	E	F	G	H	K	M	N	P	S	T	AA	BB	HA	AB	AC	AD	HD	L		
80M	2,4,6,8	125	100	50	15	19	40	6	15.5	80	10X20	100	80	120	4-M6	3	33	200	10	158	160	145	230	390		
90S	2,4,6,8	140	100	56	20	24	50	8	20	90	10	115	95	140	4-M8	3	34	205	12	174	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		

Dimensions

mm

B3

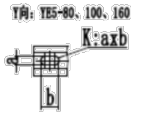
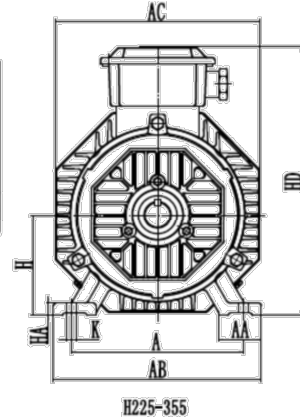
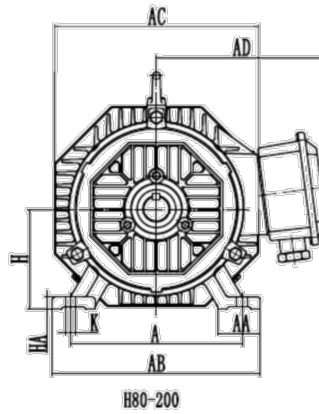
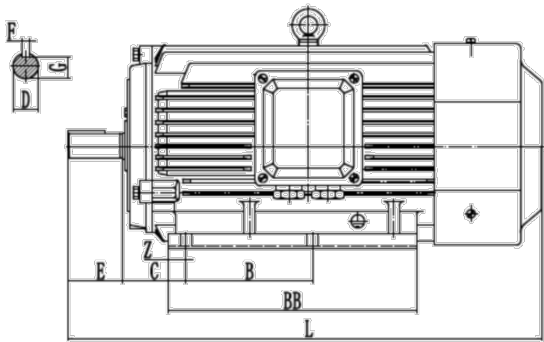


Frame	Poles	Mounting Dimension										Overall Dimension							
		A	B	C	Z	D	E	F	G	H	K	AA	BB	HA	AB	AC	AD	HD	L
80M	2,4,6,8	125	100	50	15	19	40	6	155	80	10X20	33	200	10	158	160	145	230	390
90S	2,4,6,8	140	100	56	20	24	50	8	20	90	10	34	205	12	174	180	155	245	415
90L			125										255						465
100L	2,4,6,8	160	140	63	19	28	60	8	24	100	12X27	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	22	42	110	12	37	160	15X35	65	310	20	320	330	260	420	700
160L			254										360						750
180	2,4,6,8	279	241 (279)	121	30	48	110	14	425	180	15	70	350	22	349	360	280	449	840
200L	2,4,6,8	318	305	133	32	55	110	16	49	200	19	75	475	26	400	415	325	525	900
225S	4,8	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	140	65	18	58	280	24	90	550	35	550	580	425	705	1080
	4,6,8						75	20	67.5										
280M	2		419				65	18	58				610						1140
	4,6,8							75	20										

Dimensions

mm

B3

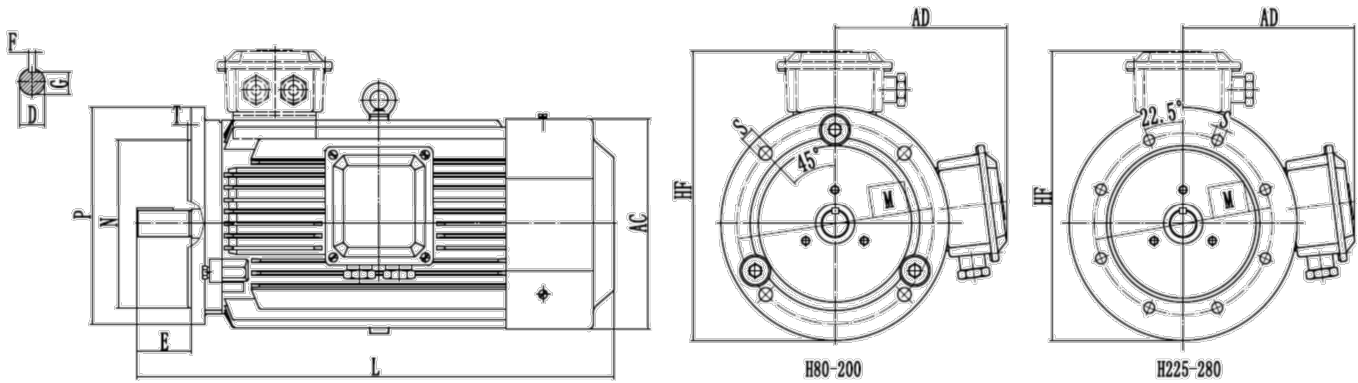


Frame	Poles	Mounting Dimension										Overall Dimension																					
		A	B	C	Z	D	E	F	G	H	K	AA	BB	HA	AB	AC	AD	HD	L														
315S	2	508	406	216	84	65	140	18	58	315	28	120	630	50	630	660	540	855	1310														
	4,6,8					80	170	22	71										1340														
315M	457		65			140	18	58	730										1310														
			80			170	22	71											1440														
																			630	1340													
315L1/L	2		508			80	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																			1490													
	6,8																			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																			800	1650												
355M	2	75		140	20					675	750	1520																					
	4.6	95	170	25	86	800				1650																							
355M2	6.8	630	75	140	20	675				750	1520																						
355L1	2		95	170	25	86				800	1650																						
355L1/L	4.6.8		80	170	22	71					1620																						
355L	2		110	210	28	100					1650																						
355 1/355 2																																	
355 1/355 2	4.6.8																																

Dimensions

mm

B5

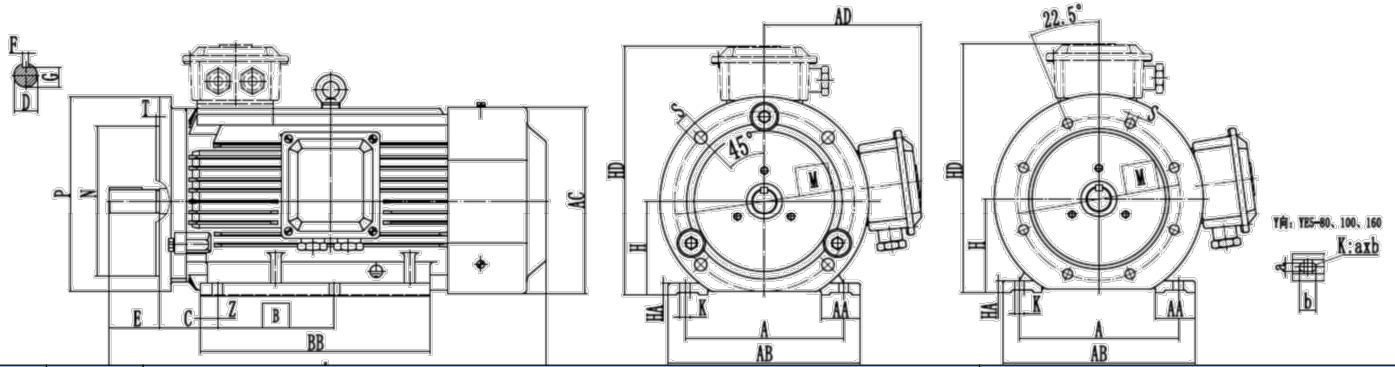


Frame	Poles	Mounting Dimension										Overall Dimension			
		D	E	F	G	M	N	P	R	S	T	AC	AD	HF	L
80M	2,4,6,8	19	40	6	15.5	165	130	200	0	4-Φ12	3.5	165	145	250	390
90S	2,4,6,8	24	50	8	20	165	130	200	0	4-Φ12	3.5	180	155	255	415
90L															465
100L	2,4,6,8	28	60	8	24	215	180	250	0	4-Φ15	4	220	175	280	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	4,8	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										
280M	2	65		18	58										1140
	4,6,8	75		20	67.5										

Dimensions

mm

B35

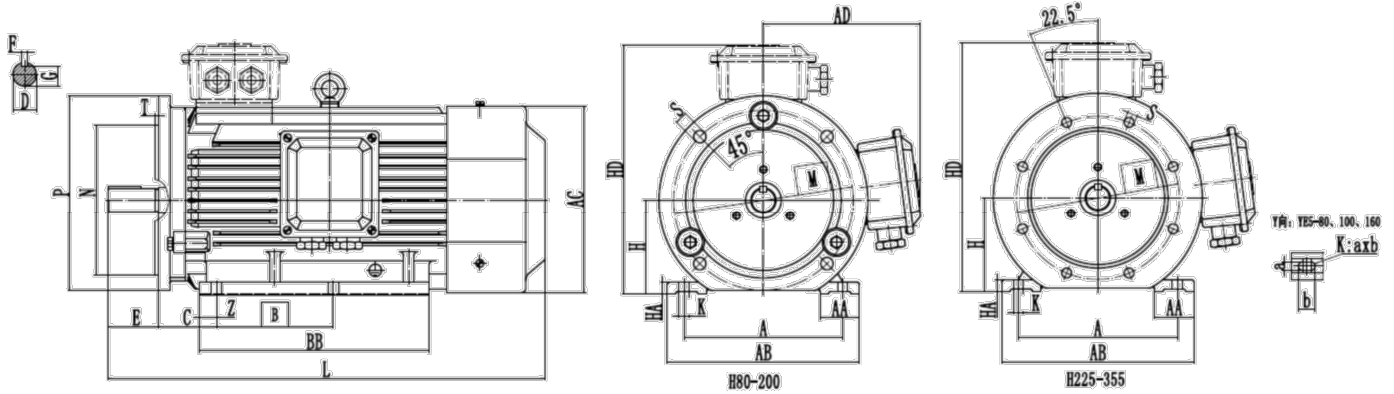


Frame	Poles	Mounting Dimension															Overall Dimension																								
		A	B	C	Z	D	E	F	G	H	K	M	N	P	S	T	AA	BB	HA	AB	AC	AD	HD	L																	
80M	2,4,6,8	125	100	50	15	19	40	6	15.5	80	10X20	165	130	200	4-Φ12	3.5	33	200	10	158	160	145	230	390																	
90S	2,4,6,8	140	100	56	20	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	22	42	110	12	37	160	15X35	300	250	350	4-Φ19	5	65	310	20	330	320	260	420	700																	
160L			254															360						750																	
180	2,4,6,8	279	241 (279)	121	30	48	110	14	42.5	180	15	300	250	350	4-Φ19	5	70	350	22	349	360	280	449	835																	
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	4,8	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	30	490	530	410	650	980				
250M	2	406	349	168	65	60				65	58	280	24	500	450	550	8-Φ19		5	90	550	35	550															580	425	705	1080
280S	2	457	368	190	65	65				140	20	67.5	280	24	500	450	550		8-Φ19	5	90	610	35															550	580	425	705
280M	4,6,8		419			75	65	18	58		610	1140																													
	2					419	75	65	18		58	610						1140																							
280M	4,6,8																																								

Dimensions

B35

mm

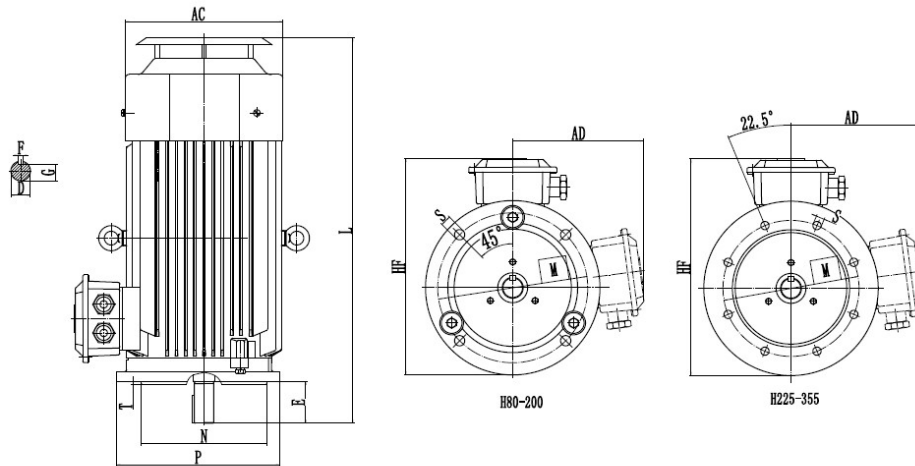


Frame	Poles	Mounting Dimension																Overall Dimension									
		A	B	C	Z	D	E	F	G	H	K	M	N	P	S	T	AA	BB	HA	AB	AC	AD	HD	L			
315S	2	508	406	216	66	65	140	18	58	315	28	600	550	660	8-Φ24	6	120	630	50	630	635	540	855	1310			
	4,6,8					80	170	22	71															1340			
315M	2		457			65	140	18	58									730						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																						80	170	22	71	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										800						1550	
	8		75				140	20	67.5	750								1650									
355M	2		95				170	25	86	800								1520									
	4.6		95				170	25	86	800								1650									
355M2	6.8		630	75			140	20	67.5	750								1620									
355L1	2			95			170	25	86	800								1650									
355L1/L	4.6.8			80			170	22	71									1650									
355L	2			110			210	28	100									1690									
355 1/355 2	4.6.8																										

Dimensions

mm

V1



Frame	Poles	Mounting Dimension										Overall Dimension			
		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														
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										
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															1800
355 1/355 2	4.6.8	110	210	28	100										

Note:

1. The motor outline diagram and dimensions for installation type H80-160 of V1 can be found in the relevant drawings and data for the same model B5 motor.
2. Installation dimension deviations are in accordance with the technical specifications. Due to slight variations in casting batches, the above outline diagram and dimensions are for customer reference only when selecting the model.

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

Frame	basic type			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	√	-	√	√	-	-	-	-	-	-	-	-	-	-	-

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.