

YFB2 Series Dust Explosion-proof Three-phase Induction Motors



- Frame sizes: 80 to 355
 - Voltage: 380V/660V, 380/660V
 - Duty Cycle: S1
 - Degree of protection: IP65 T135°C
 - Efficiency levels: IE2
- Rated output: 0.18 to 315kW
Frequency: 50Hz or 60 Hz
Insulation class: F
Ex-code: Ex tD A21

Applications: Grain storage facilities, food processing, textile mill, chemical plant and other applications where hazardous fumes or dust may be present area.

Ex-code: Ex tD A21 IP65 T135°C

Temperature Group: T1~T4

Features: Limit the maximum surface temperature and have IP65 protection class of the enclosure to ensure limit the dust go inside the motor.

Performance Data

380V 50Hz

Model	Output kW	FLA	RPM	Eff. $\eta\%$	Power Factor	FLT N.m	$\frac{LRT}{FLT} \frac{Tst}{T_N}$	$\frac{LRA}{FLA} \frac{Ist}{I_N}$	$\frac{BDT}{FLT} \frac{Tmax}{T_N}$	dB(A)
Synchronous speed 3000 r/min										
YFB2-80M1-2	0.75	1.8	2855	77.4	0.83	2.51	2.2	7.0	2.3	62
YFB2-80M2-2	1.1	2.5	2870	79.6	0.83	3.66	2.2	7.3	2.3	62
YFB2-90S-2	1.5	3.3	2865	81.3	0.84	5.00	2.2	7.6	2.3	67
YFB2-90L-2	2.2	4.7	2870	83.2	0.85	7.32	2.2	7.6	2.3	67
YFB2-100L-2	3	6.2	2875	84.6	0.87	10.0	2.2	7.8	2.3	74
YFB2-112M-2	4	8.0	2910	85.8	0.88	13.1	2.2	8.3	2.3	77
YFB2-132S1-2	5.5	10.9	2935	87.0	0.88	17.9	2.0	8.3	2.3	79
YFB2-132S2-2	7.5	14.5	2930	88.1	0.89	24.4	2.0	7.9	2.3	79
YFB2-160M1-2	11	21.0	2950	89.4	0.89	35.6	2.0	8.1	2.3	81
YFB2-160M2-2	15	28.4	2945	90.3	0.89	48.6	2.0	8.1	2.3	81
YFB2-160L-2	18.5	34.7	2945	90.9	0.89	60.0	2.0	8.2	2.3	81
YFB2-180M-2	22	41.1	2950	91.3	0.89	71.2	2.0	8.2	2.3	83
YFB2-200L1-2	30	55.7	2960	92.0	0.89	96.8	2.0	7.6	2.3	84
YFB2-200L2-2	37	68.3	2960	92.5	0.89	119	2.0	7.6	2.3	84
YFB2-225M-2	45	82.7	2965	92.9	0.89	145	2.0	7.7	2.3	86
YFB2-250M-2	55	101	2975	93.2	0.89	177	2.0	7.7	2.3	89
YFB2-280S-2	75	137	2975	93.8	0.89	241	1.8	7.1	2.3	91
YFB2-280M-2	90	163	2970	94.1	0.89	289	1.8	7.1	2.3	91
YFB2-315S-2	110	195	2975	94.3	0.91	353	1.8	7.1	2.3	92
YFB2-315M-2	132	233	2975	94.6	0.91	424	1.8	7.1	2.3	92
YFB2-315L1-2	160	282	2975	94.8	0.91	514	1.8	7.2	2.3	92

YFB2-315L2-2	200	352	2975	95.0	0.91	642	1.8	7.2	2.2	92
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Performance Data

380V 50Hz

Model	Output kW	FLA	RPM	Eff. $\eta\%$	Power Factor	FLT N.m	$\frac{LRT}{FLT}$ $\frac{Tst}{T_N}$	$\frac{LRA}{FLA}$ $\frac{Ist}{I_N}$	$\frac{BDT}{FLT}$ $\frac{Tmax}{T_N}$	dB(A)
Synchronous speed 3000 r/min										
YFB2-355S1-2	185	325	2975	94.9	0.91	594	1.8	7.2	2.3	100
YFB2-355S2-2	200	352	2975	95.0	0.91	642	1.8	7.2	2.2	100
YFB2-355M1-2	220	387	2975	95.0	0.91	706	1.8	7.2	2.2	100
YFB2-355M2-2	250	439	2980	95.0	0.91	801	1.6	7.2	2.2	100
YFB2-355L1-2	280	492	2980	95.0	0.91	897	1.6	7.2	2.2	100
YFB2-355L2-2	315	554	2980	95.0	0.91	1009	1.6	7.2	2.2	100
Synchronous speed 1500 r/min										
YFB2-80M1-4	0.55	1.5	1430	73.5	0.75	3.67	2.3	5.2	2.3	56
YFB2-80M2-4	0.75	1.9	1425	79.6	0.76	5.03	2.3	6.6	2.3	56
YFB2-90S-4	1.1	2.7	1420	81.4	0.77	7.40	2.3	6.8	2.3	59
YFB2-90L-4	1.5	3.5	1420	82.8	0.78	10.1	2.3	7.0	2.3	59
YFB2-100L1-4	2.2	5.0	1430	84.3	0.80	14.7	2.3	7.6	2.3	64
YFB2-100L2-4	3	6.6	1430	85.5	0.81	20.0	2.3	7.6	2.3	64
YFB2-112M-4	4	8.7	1450	86.6	0.81	26.3	2.2	7.8	2.3	65
YFB2-132S-4	5.5	11.6	1465	87.7	0.82	35.9	2.0	7.9	2.3	71
YFB2-132M-4	7.5	15.5	1465	88.7	0.83	48.9	2.0	7.5	2.3	71
YFB2-160M-4	11	22.4	1470	89.8	0.83	71.5	2.0	7.7	2.3	73
YFB2-160L-4	15	29.9	1470	90.6	0.84	97.4	2.0	7.8	2.3	73
YFB2-180M-4	18.5	36.3	1470	91.2	0.85	120	2.0	7.8	2.3	76
YFB2-180L-4	22	42.9	1465	91.6	0.85	143	2.0	7.8	2.3	76
YFB2-200L-4	30	58.1	1475	92.3	0.85	194	2.0	7.3	2.3	76
YFB2-225S-4	37	70.5	1480	92.7	0.86	239	2.0	7.4	2.3	78
YFB2-225M-4	45	85.4	1480	93.1	0.86	290	2.0	7.4	2.3	78
YFB2-250M-4	55	104	1485	93.5	0.86	354	2.0	7.4	2.3	79
YFB2-280S-4	75	139	1490	94.0	0.87	481	2.0	6.9	2.3	80
YFB2-280M-4	90	165	1485	94.2	0.88	579	2.0	6.9	2.3	80
YFB2-315S-4	110	199	1485	94.5	0.89	707	2.0	7.0	2.2	88
YFB2-315M-4	132	238	1485	94.7	0.89	849	2.0	7.0	2.2	88
YFB2-315L1-4	160	285	1485	94.9	0.90	1029	2.0	7.1	2.2	88
YFB2-315L2-4	200	355	1485	95.1	0.90	1286	2.0	7.1	2.2	88
YFB2-355S1-4	185	329	1485	95.0	0.90	1190	2.0	7.1	2.2	95
YFB2-355S2-4	200	355	1485	95.1	0.90	1286	2.0	7.1	2.2	95
YFB2-355M1-4	220	391	1490	95.1	0.90	1410	2.0	7.1	2.2	95
YFB2-355M2-4	250	444	1490	95.1	0.90	1602	2.0	7.1	2.2	95
YFB2-355L1-4	280	497	1490	95.1	0.90	1795	2.0	7.1	2.2	95
YFB2-355L2-4	315	559	1490	95.1	0.90	2019	2.0	7.1	2.2	102

Performance Data

380V 50Hz

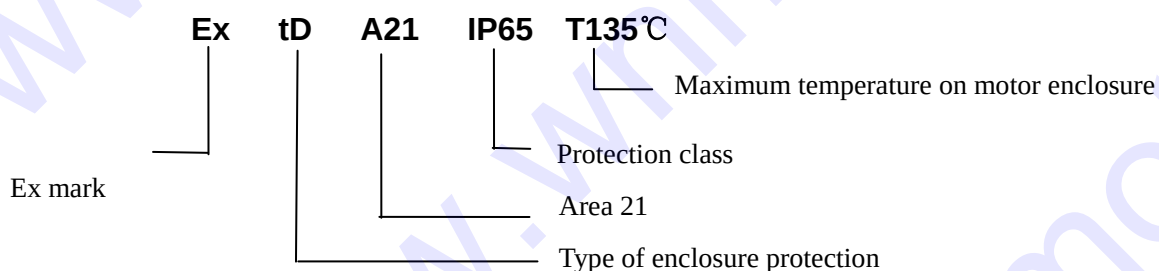
Model	Output kW	FLA	RPM	Eff. $\eta\%$	Power Factor	FLT N.m	$\frac{LRT}{FLT}$ $\frac{T_{st}}{T_N}$	$\frac{LRA}{FLA}$ $\frac{I_{st}}{I_N}$	$\frac{BDT}{FLT}$ $\frac{T_{max}}{T_N}$	dB(A)
Synchronous speed 1000 r/min										
YFB2-80M1-6	0.37	1.2	910	68.0	0.70	3.88	1.9	5.5	2.0	54
YFB2-80M2-6	0.55	1.7	910	71.0	0.71	5.77	1.9	5.5	2.1	54
YFB2-90S-6	0.75	2.1	935	75.9	0.71	7.66	2.0	6.0	2.1	57
YFB2-90L-6	1.1	3.0	935	78.1	0.72	11.2	2.0	6.0	2.1	57
YFB2-100L-6	1.5	4.0	945	79.8	0.72	15.2	2.0	6.5	2.1	61
YFB2-112M-6	2.2	5.7	965	81.8	0.72	21.8	2.0	6.6	2.1	65
YFB2-132S-6	3	7.6	975	83.3	0.72	29.4	1.9	6.8	2.1	69
YFB2-132M1-6	4	9.7	975	84.6	0.74	39.2	1.9	6.8	2.1	69
YFB2-132M2-6	5.5	13.0	975	86.0	0.75	53.9	1.9	7.0	2.1	69
YFB2-160M-6	7.5	16.8	975	87.2	0.78	73.5	2.0	7.0	2.1	70
YFB2-160L-6	11	23.9	975	88.7	0.79	108	2.0	7.2	2.1	70
YFB2-180L-6	15	31.8	980	89.7	0.80	146	1.9	7.3	2.1	73
YFB2-200L1-6	18.5	38.9	980	90.4	0.80	180	1.9	7.3	2.1	73
YFB2-200L2-6	22	45.4	980	90.9	0.81	214	1.9	7.4	2.1	73
YFB2-225M-6	30	60.6	985	91.7	0.82	291	1.9	6.9	2.1	74
YFB2-250M-6	37	73.5	985	92.2	0.83	359	1.9	7.1	2.1	76
YFB2-280S-6	45	86.8	990	92.7	0.85	434	1.9	7.3	2.0	78
YFB2-280M-6	55	104	990	93.1	0.86	531	1.9	7.3	2.0	78
YFB2-315S-6	75	145	990	93.7	0.84	723	1.9	6.6	2.0	83
YFB2-315M-6	90	171	990	94.0	0.85	868	1.9	6.7	2.0	83
YFB2-315L1-6	110	209	990	94.3	0.85	1061	1.9	6.7	2.0	83
YFB2-315L2-6	132	247	990	94.6	0.86	1273	1.9	6.8	2.0	83
YFB2-355S-6	160	298	990	94.8	0.86	1543	1.9	6.8	2.0	85
YFB2-355M1-6	185	344	990	94.9	0.86	1785	1.9	6.8	2.0	85
YFB2-355M2-6	200	372	990	95.0	0.86	1929	1.9	6.8	2.0	85
YFB2-355L1-6	220	409	990	95.0	0.86	2122	1.9	6.8	2.0	85
YFB2-355L2-6	250	465	990	95.0	0.86	2412	1.9	6.8	2.0	91
Synchronous speed 750 r/min										
YFB2-80M1-8	0.18	0.8	700	56.0	0.61	2.46	1.8	3.3	1.9	52
YFB2-80M2-8	0.25	1.1	700	59.0	0.61	3.41	1.8	3.3	1.9	52
YFB2-90S-8	0.37	1.4	695	66.0	0.62	5.08	1.8	4.0	1.9	56
YFB2-90L-8	0.55	2.0	695	70.0	0.63	7.56	1.8	4.0	2.0	56
YFB2-100L1-8	0.75	2.3	705	71.5	0.68	10.2	1.8	4.0	2.0	59
YFB2-100L2-8	1.1	3.3	705	74.5	0.69	14.9	1.8	4.0	2.0	59
YFB2-112M-8	1.5	4.4	715	75.4	0.69	20.0	1.8	4.0	2.0	61
YFB2-132S-8	2.2	6.0	730	78.2	0.71	28.8	1.8	5.5	2.2	64
YFB2-132M-8	3	7.7	730	80.6	0.73	39.2	1.8	5.5	2.2	64
YFB2-160M1-8	4	10.1	725	82.7	0.73	52.7	1.9	6.0	2.2	68

Performance Data

380V 50Hz

Model	Output kW	FLA	RPM	Eff. $\eta\%$	Power Factor	FLT N.m	$\frac{LRT}{FLT}$ $\frac{T_{st}}{T_N}$	$\frac{LRA}{FLA}$ $\frac{I_{st}}{I_N}$	$\frac{BDT}{FLT}$ $\frac{T_{max}}{T_N}$	dB(A)
Synchronous speed 750 r/min										
YFB2-160M2-8	5.5	13.4	725	84.3	0.74	72.4	1.9	6.0	2.2	68
YFB2-160L-8	7.5	17.7	730	85.8	0.75	98.1	1.9	6.0	2.2	68
YFB2-180L-8	11	25.0	725	87.8	0.76	145	1.9	6.0	2.2	70
YFB2-200L-8	15	33.7	730	89.0	0.76	196	2.0	6.5	2.2	73
YFB2-225S-8	18.5	40.0	735	90.2	0.78	240	2.0	6.5	2.2	73
YFB2-225M-8	22	47.4	735	90.5	0.78	286	2.0	6.5	2.2	73
YFB2-250M-8	30	63.4	735	91.0	0.79	390	1.9	6.5	2.0	75
YFB2-280S-8	37	77.8	740	91.5	0.79	478	1.8	6.0	2.0	76
YFB2-280M-8	45	93.9	740	92.2	0.79	581	1.8	6.0	2.0	76
YFB2-315S-8	55	111	740	93.1	0.81	710	1.8	6.5	2.0	82
YFB2-315M-8	75	151	740	93.2	0.81	968	1.8	6.5	2.0	82
YFB2-315L1-8	90	181	740	93.2	0.81	1161	1.8	6.5	2.0	82
YFB2-315L2-8	110	218	740	93.5	0.82	1420	1.8	6.5	2.0	82
YFB2-355S-8	132	261	745	93.7	0.82	1692	1.8	6.5	2.0	90
YFB2-355M-8	160	314	745	94.3	0.82	2051	1.8	6.5	2.0	90
YFB2-355L1-8	185	364	745	94.3	0.82	2371	1.8	6.5	2.0	90
YFB2-355L2-8	200	392	745	94.5	0.82	2564	1.8	6.5	2.0	90
Synchronous speed 600 r/min										
YFB2-315S-10	45	100	590	91.5	0.75	728	1.5	6.0	2.0	90
YFB2-315M-10	55	121	590	92.0	0.75	890	1.5	6.0	2.0	90
YFB2-315L1-10	75	162	590	92.5	0.76	1214	1.5	6.0	2.0	90
YFB2-315L2-10	90	191	590	93.0	0.77	1457	1.5	6.0	2.0	90
YFB2-355S-10	90	191	590	93.0	0.77	1457	1.5	6.0	2.0	90
YFB2-355M1-10	110	230	595	93.2	0.78	1766	1.3	5.5	2.0	90
YFB2-355M2-10	132	275	595	93.6	0.78	2119	1.3	5.5	2.0	90
YFB2-355L1-10	160	333	595	93.6	0.78	2568	1.3	5.5	2.0	90
YFB2-355L2-10	185	385	595	93.6	0.78	2969	1.3	5.5	2.0	90

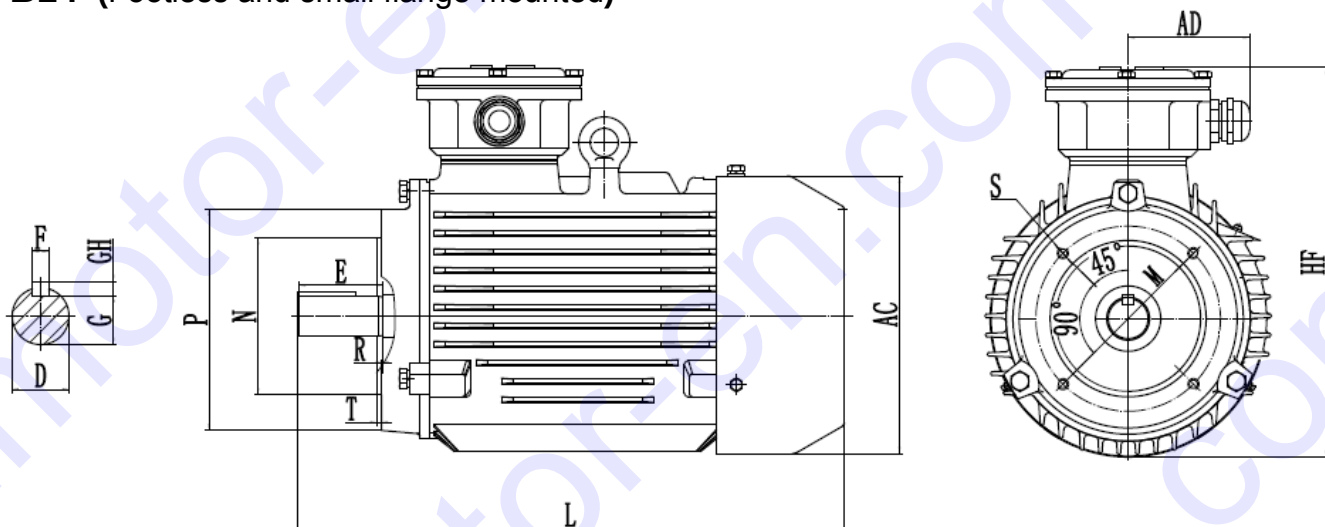
Illustration of the Explosion-proof mark



Dimensions & Mounting

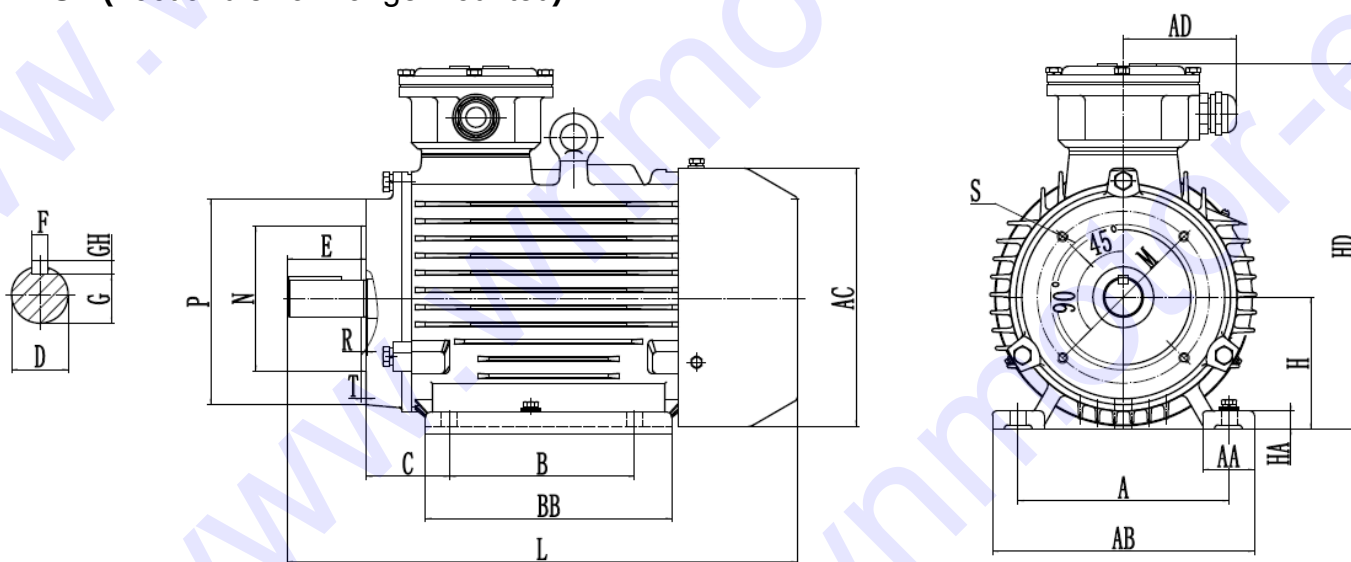
mm

B14 (Footless and small flange mounted)



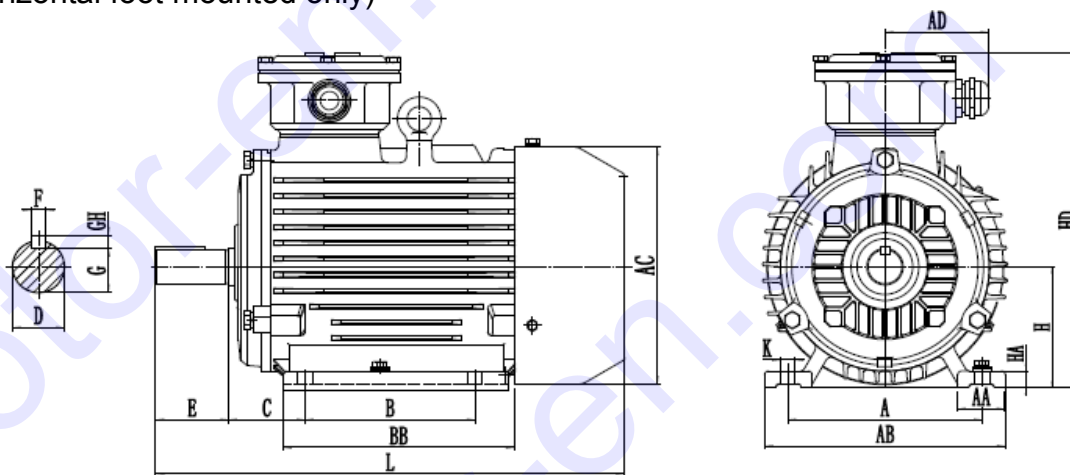
Frame	Poles	Mounting Dimension										Overall Dimension			
		D	E	F	G	M	N	P	R	S	T	AC	AD	HF	L
80M	2,4,6,8	19	40	6	15.5	100	80	120	0	4-M6	3	165	95	240	295
90S	2,4,6,8	24	50	8	20	115	95	140	0	4-M8	3	180	95	250	320
90L	2,4,6,8														345
100L	2,4,6,8	28	60	8	24	130	110	160	0	4-M8	3.5	205	95	280	390
112M	2,4,6,8	28	60	8	24	130	110	160	0	4-M8	3.5	225	115	315	425

B34 (Foot and small flange mounted)

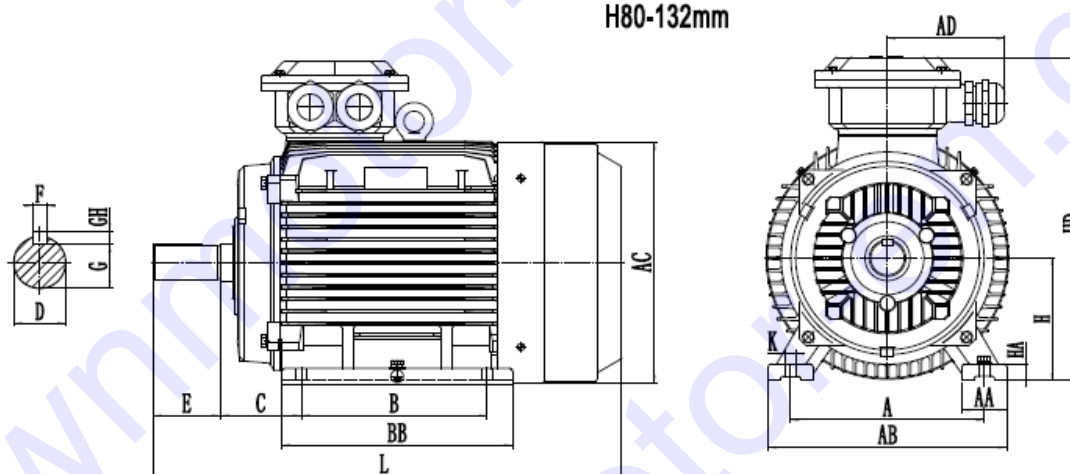


Frame	Poles	Mounting Dimension															Overall Dimension								
		A	B	C	D	E	F	G	H	K	M	N	P	R	S	T	AA	BB	HA	AB	AC	AD	HD	L	
80M	2,4,6,8	125	100	50	19	40	6	15.5	80	10	100	80	120	0	4-M6	3	32	135	10	160	165	95	240	295	
90S	2,4,6,8	140	100	56	24	50	8	20	90	10	115	95	140	0	4-M8	3	34	145	12	180	180	95	255	320	
90L	2,4,6,8		125															170						345	
100L	2,4,6,8	160	140	63	28	60	8	24	100	12	130	110	160	0	4-M8	3.5	39	186	14	200	205	95	285	390	
112M	2,4,6,8	190	140	70	28	60	8	24	112	12	130	110	160	0	4-M8	3.5	45	200	14	230	225	115	320	425	

B3 (Horizontal foot mounted only)



H80-132mm



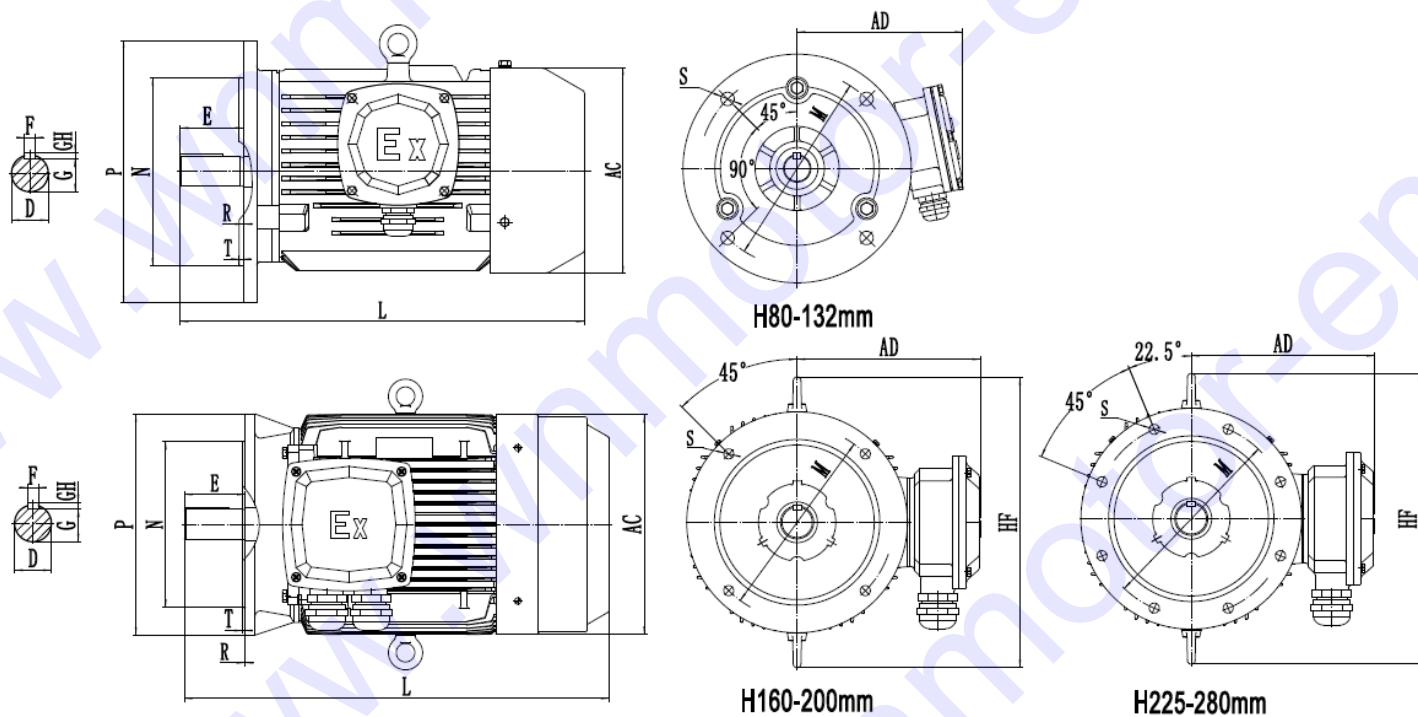
H160-355mm

Frame	Pole	Mounting Dimension									Overall Dimension												
		A	B	C	D	E	F	G	H	K	AA	BB	HA	AB	AC	AD	HD	L					
80M	2.4.6.8	125	100	50	19	40	6	15.5	80	10	32	135	10	160	165	95	240	295					
90S	2.4.6.8	140	100	56	24	50	8	20	90	10	34	145	12	180	180	95	255	320					
90L			125									170						345					
100L	2.4.6.8	160	140	63	28	60	8	24	100	12	39	186	14	200	205	95	285	390					
112M	2.4.6.8	190	140	70	28	60	8	24	112	12	45	200	14	230	225	115	320	425					
132S	2.4.6.8	216	140	89	38	80	10	33	132	12	55	190	18	265	270	115	410	475					
132M			178									230						510					
160M	2.4.6.8	254	210	108	42	110	12	37	160	15	65	260	20	315	320	136	430	610					
160L			254									304						655					
180M	2.4.6.8	279	241	121	48	110	14	42.5	180	15	70	311	22	355	360	136	480	680					
180L			279									349						715					
200L	2.4.6.8	318	305	133	55	110	16	49	200	19	74	379	26	395	400	190	540	770					
225S	4.8	356	286	149	60	140	18	53	225	19	78	375	28	435	450	190	585	795					
225M	2		311	149	55	110	16	49				400						800					
	4.6.8				60	140	18	53										825					
250M	2	406	349	168	60	140	18	53	250	24	80	445	30	490	510	225	665	890					
	4.6.8				65	140	18	58															
280S	2	457	368	190	65	140	18	58	280	24	90	485	35	545	550	225	710	970					
	4.6.8				75	140	20	67.5															

B3 (Horizontal foot mounted only)

Frame	Pole	Mounting Dimension									Overall Dimension							
		A	B	C	D	E	F	G	H	K	AA	BB	HA	AB	AC	AD	HD	L
280M	2	457	419	190	65	140	18	58	280	24	90	536	35	545	550	225	710	1025
	4.6.8				75	140	20	67.5										
315S	2	508	406	216	65	140	18	58	315	28	120	570	45	635	630	250	885	1180
	4.6.8.10				80	170	22	71										1210
315M	2		457		65	140	18	58				610						1215
	4.6.8.10				80	170	22	71										1245
315L	2		508		680	65	140	18				58						1320
	4.6.8.10					80	170	22				71						
355M	2	610	560	254	75	140	20	67.5	355	28	130	690	52	735	715	290	1040	1390
	4.6.8.10				95	170	25	86										1420
355L1	2		630		75	140	20	67.5				750						1500
	4.6.8.10				95	170	25	86										1530
355L2	2				75	140	20	67.5										1500
	4.6.8.10				95	170	25	86										1530

B5 (Footless and B5 flange mounted)

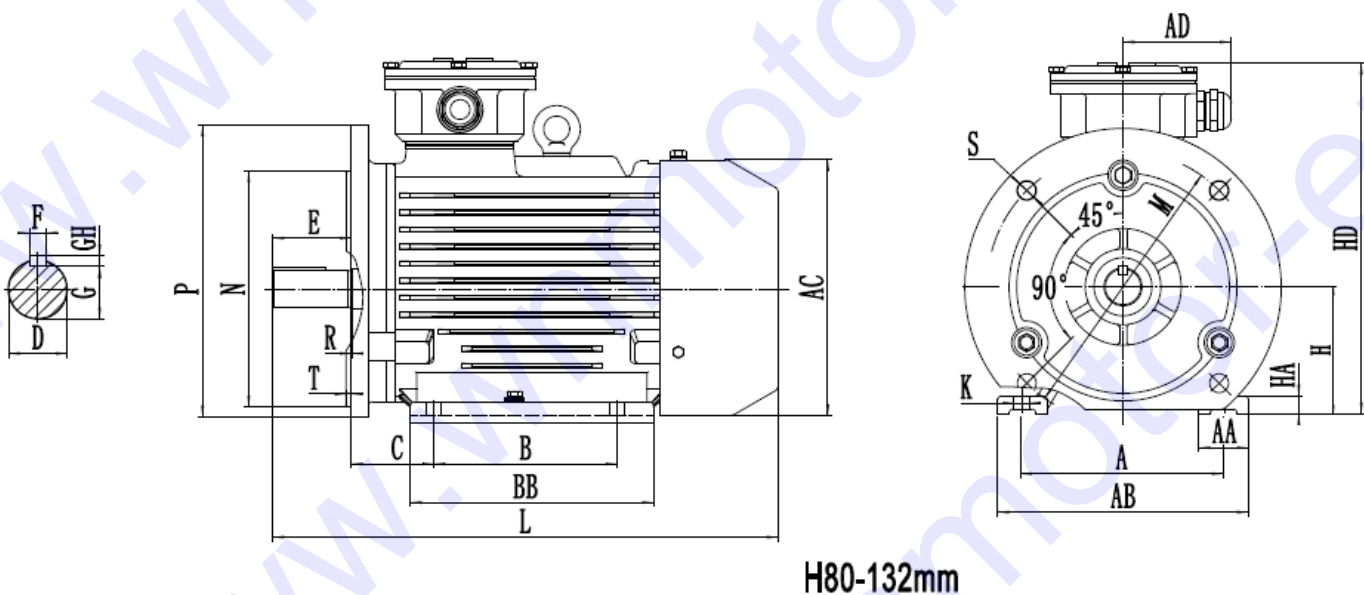


Frame	Poles	Mounting Dimension										Overall Dimension			
		D	E	F	G	M	N	P	R	S	T	AC	AD	HF	L
80M	2.4.6.8	19	40	6	15.5	165	130	200	0	4-φ12	3.5	165	160	/	295
90S	2.4.6.8	24	50	8	20	165	130	200	0	4-φ12	3.5	180	165	/	320
90L															345
100L	2.4.6.8	28	60	8	24	215	180	250	0	4-φ15	4	205	180	/	390
112M	2.4.6.8	28	60	8	24	215	180	250	0	4-φ15	4	225	205	/	425
132S	2.4.6.8	38	80	10	33	265	230	300	0	4-φ15	4	270	240	/	475
132M															510

B5 (Footless and B5 flange mounted)

机座号 Frame	极数 Poles	安 装 尺 寸 Mounting Dimension										外形尺寸 Overall Dimension			
		D	E	F	G	M	N	P	R	S	T	AC	AD	HF	L
160M	2.4.6.8	42	110	12	37	300	250	350	0	4- ϕ 19	5	320	270	435	610
160L															655
180M	2.4.6.8	48	110	14	42.5	300	250	350	0	4- ϕ 19	5	360	285	490	680
180L															715
200L	2.4.6.8	55	110	16	49	350	300	400	0	4- ϕ 19	5	400	335	550	770
225S	4.8	60	140	18	53	400	350	450	0	8- ϕ 19	5	450	360	580	795
225M	2	55	110	16	49										800
	4.6.8	60	140	18	53										825
250M	2	60	140	18	53	500	450	550	0	8- ϕ 19	5	510	415	695	890
	4.6.8	65			58										
280S	2	65	140	18	58	500	450	550	0	8- ϕ 19	5	550	435	725	975
	4.6.8	75		20	67.5										
280M	2	65		18	58										1025
	4.6.8	75		20	67.5										

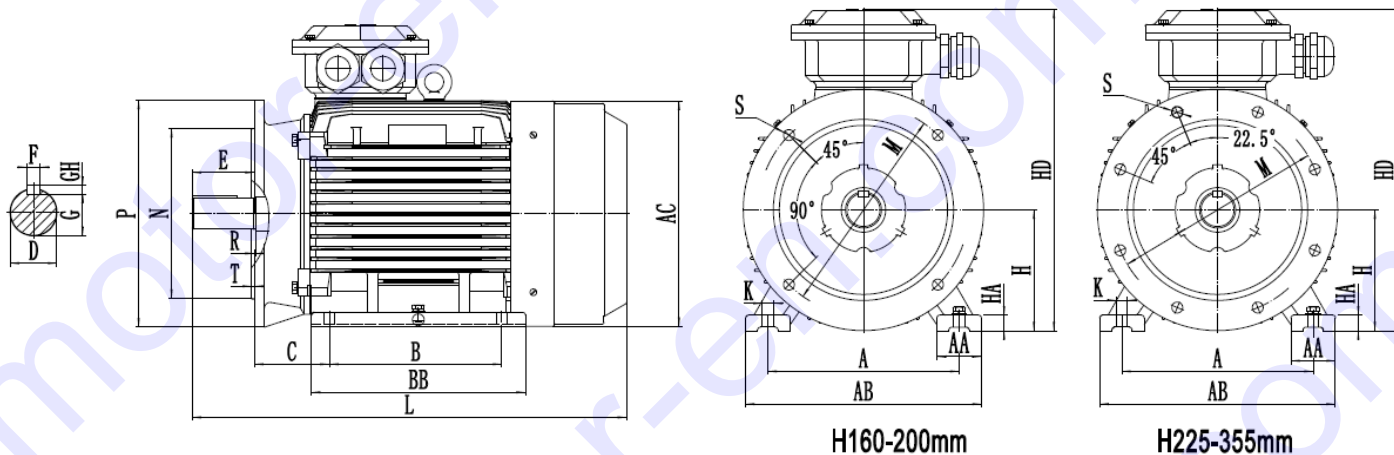
B35 (Foot and B5 flange mounted)



H80-132mm

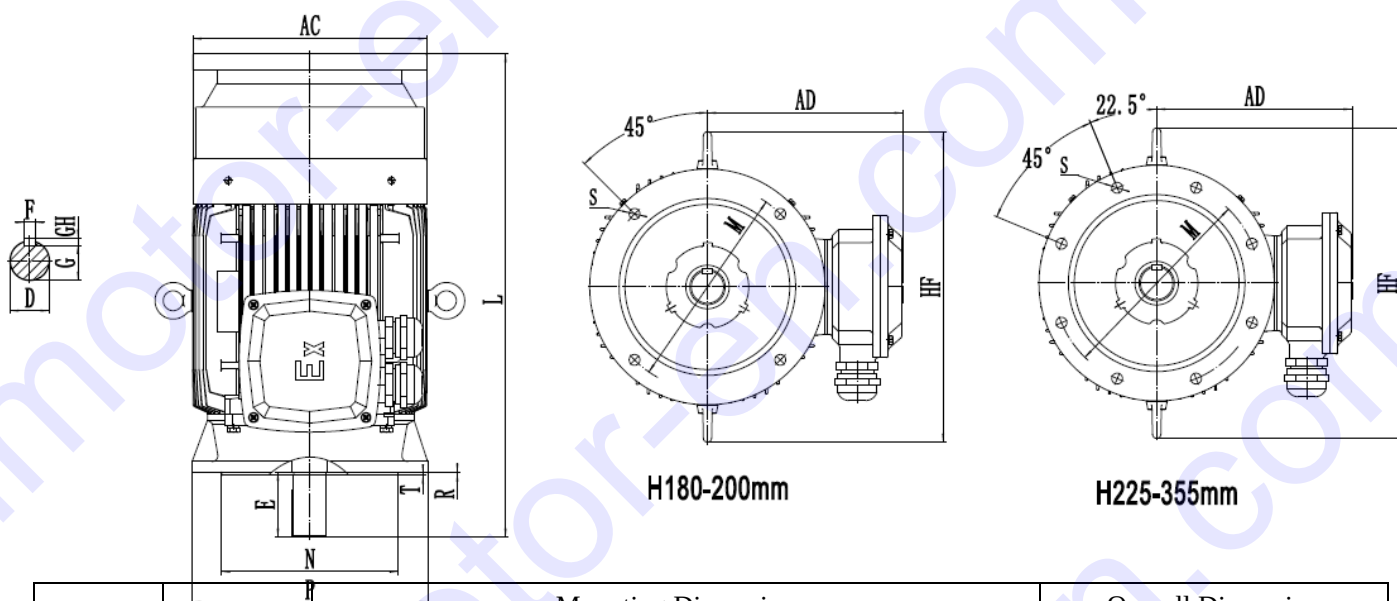
Frame	Poles	Mounting Dimension															Overall Dimension							
		A	B	C	D	E	F	G	H	M	N	P	R	S	T	K	AA	BB	HA	AB	AC	AD	HD	L
80M	2.4.6.8	125	100	50	19	40	6	15.5	80	165	130	200	0	4- ϕ 12	3.5	10	32	130	10	160	165	95	240	295
90S	2.4.6.8	140	100	56	24	50	8	20	90	165	130	200	0	4- ϕ 12	3.5	10	34	145	12	180	180	95	255	320
90L			125															170						345
100L	2.4.6.8	160	140	63	28	60	8	24	100	215	180	250	0	4- ϕ 15	4	12	39	186	14	200	205	95	285	390
112M	2.4.6.8	190	140	70	28	60	8	24	112	215	180	250	0	4- ϕ 15	4	12	45	200	14	230	225	115	320	425
132S	2.4.6.8	216	140	89	38	80	10	33	132	265	230	300	0	4- ϕ 15	4	12	55	190	18	265	270	115	410	475
132M			178															230						510

B35 (Foot and B5 flange mounted)



Frame	Poles	Mounting Dimension															Overall Dimension									
		A	B	C	D	E	F	G	H	M	N	P	R	S	T	K	AA	BB	HA	AB	AC	AD	HD	L		
160M	2.4.6.8	254	210	108	42	110	12	37	160	300	250	350	0	4-φ19	5	15	65	260	20	315	320	136	430	610		
160L			254										0					304						655		
180M	2.4.6.8	279	241	121	48	110	14	42.5	180	300	250	350	0	4-φ19	5	15	70	311	22	355	360	136	480	680		
180L			279										349					715								
200L	2.4.6.8	318	305	133	55	110	16	49	200	350	300	400	0	4-φ19	5	19	74	379	26	395	400	190	540	770		
225S	4.8	356	286	149	60	140	18	53	225	400	350	450	0	8-φ19	5	19	78	375	28	435	450	190	585	795		
225M	2	356	311	149	55	110	16	49	225	400	350	450	0	8-φ19	5	19	78	400	28	435	450	190	585	800		
	4.6.8				60	140	18	53																825		
250M	2	406	349	168	60	140	18	53	250	500	450	550	0	8-φ19	5	24	80	445	30	490	510	225	665	890		
	4.6.8				65	140	18	58																		
280S	2	457	368	190	65	140	18	58	280	500	450	550	0	8-φ19	5	24	90	485	35	545	550	225	710	975		
	4.6.8				75	140	20	67.5																		
280M	2	457	419	190	65	140	18	58	280	500	450	550	0	8-φ19	5	24	90	536	35	545	550	225	710	1025		
	4.6.8				75	140	20	67.5																		
315S	2	406	216	216	65	140	18	58	315	600	550	660	0	8-φ24	6	28	120	570	45	635	630	250	885	1180		
	4.6.8.10				80	170	22	71																1210		
315M	2	508	457	216	65	140	18	58	315	600	550	660	0	8-φ24	6	28	120	610	45	635	630	250	885	1215		
	4.6.8.10				80	170	22	71																1245		
315L	2	508	457	216	65	140	18	58	315	600	550	660	0	8-φ24	6	28	120	680	45	635	630	250	885	1290		
	4.6.8.10				80	170	22	71																1320		
355M	2	560	254	254	75	140	20	67.5	355	740	680	800	0	8-φ24	6	28	130	690	52	735	715	290	1040	1390		
	4.6.8.10				95	170	25	86																1420		
355L1	2	610	630	254	75	140	20	67.5	355	740	680	800	0	8-φ24	6	28	130	750	52	735	715	290	1040	1500		
	4.6.8.10				95	170	25	86																1530		
355L2	2	610	630	254	75	140	20	67.5	355	740	680	800	0	8-φ24	6	28	130	750	52	735	715	290	1040	1500		
	4.6.8.10				95	170	25	86																1530		

V1 (Vertical shaft down footless flange mounted)



H180-200mm

H225-355mm

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	285	490	725
180L															765
200L	2,4,6,8	55	110	16	49	350	300	400	0	4-Φ19	5	400	335	550	825
225S	4,8	60	140	18	53	400	350	450	0	8-Φ19	5	450	360	580	855
225M	2	55	110	16	49										860
	4,6,8	60	140	18	53										885
250M	2	60	140	18	53	500	450	550	0	8-Φ19	5	510	380	695	955
	4,6,8	65			58										
280S	2	65	140	18	58	500	450	550	0	8-Φ19	5	550	395	725	1045
	4,6,8	75		20	67.5										
280M	2	65		18	58										1100
	4,6,8	75		20	67.5										
315S	2	65	140	18	58	600	550	660	0	8-Φ24	6	630	565	860	1310
	4,6,8,10	80		22	71										1340
315M	2	65	140	18	58										1345
	4,6,8,10	80		22	71										1375
315L	2	65	140	18	58										1420
	4,6,8,10	80		22	71										1450
355M	2	75	140	20	67.5	740	680	800	0	8-Φ24	6	715	680	980	1530
	4,6,8,10	95		25	86										1560
355L1	2	75	140	20	67.5										1640
	4,6,8,10	95		25	86										1670
355L2	2	75	140	20	67.5										1640
	4,6,8,10	95		25	86										1670

Terminal box and the cable entry size are given in the following table:

No.	Frame	Terminal size	Ground terminal size	Cable entrance size
1	H80	M4	M5	1-M24×1.5
2	H90,H100	M5	M5	1-M24×1.5
3	H112, H132	M5	M5	2-M30×2
4	H160, H180	M6	M5	2-M36×2
5	H200, H225	M8	M8	2-M48×2
6	H250, H280	M10	M10	2-M64×2
7	H315	M16	M12	2-M64×2
8	H355	M20	M12	2-M72×2

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	V17	V35	V37	B14	B34	V18
80~112	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
132~160	√	√	√	√	√	√	√	√	√	√	√	√	√	√	-	-	-
180~280	√	√	√	√	-	-	-	-	-	-	-	-	-	-	-	-	-
315~355	√	-	√	√	-	-	-	-	-	-	-	-	-	-	-	-	-

Note: “√” indicates the type of structure that can be manufactured.