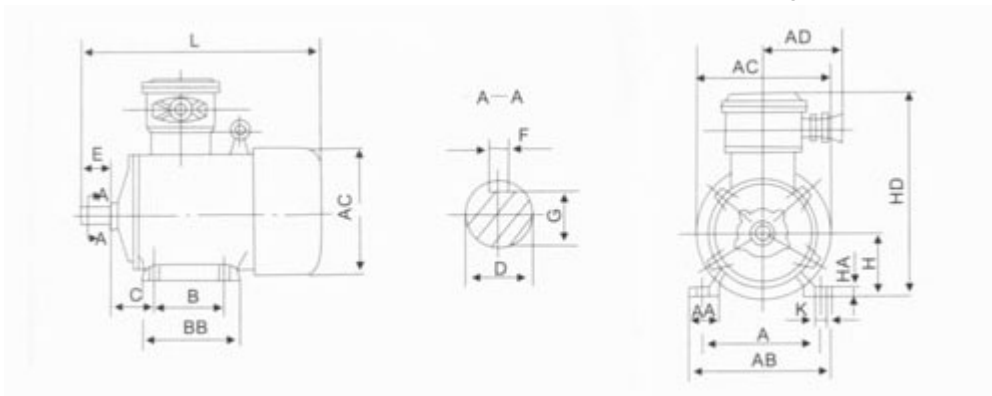




YB2 Series Explosion-Proof Three Phase Induction Motor

Structure B3 Frame with Foundation, Cover without Flange

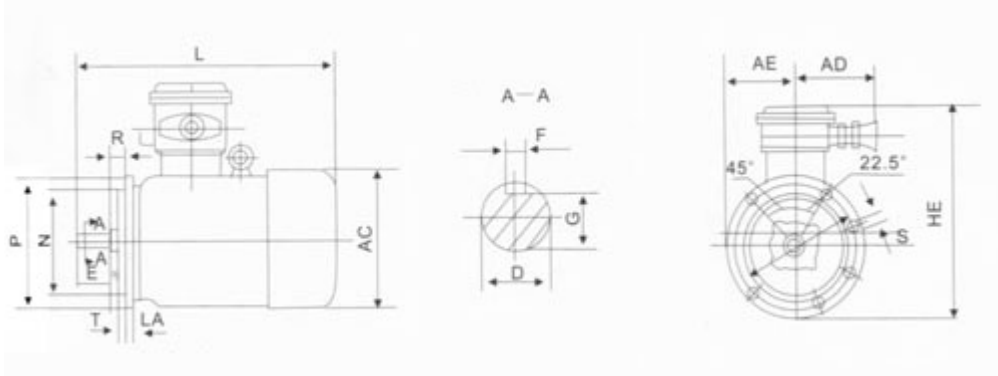


Mounting and overall dimensions

Frame size	Mounting and overall dimensions																								
	H	A	B	C	D		E		F		G		K	AB	AD	AC	HD	AA	BB	HA	L				
					poles No																No of poles				
					2	4,6 8,10	2	4,6 8,10	2	4,6 8,10	2	4,6 8,10									2	4,6 8,10	2	4,6	8
63	63	100	80	40	11	23	4	8.5	7	125	165		230	25	110	8	241								
71	71	112	90	45	14	30	5	11	7	140	165		250	28	114	8	267								
80	80	125	100	50	19	40	6	15.5	10	165	175	165	300	24	130	10	320								
90S	90	140	100	56	24	50	8	20	10	180	175	180	320	36	135	14	355								
90L			125						160						380										
100L	100	160	140	63	28	60	8	24	12	200	175	205	345	43	180	14	435								
112M	112	190	140	70	28	60	8	24	12	245	200	230	360	50	180	16	445								
132S	132	216	140	89	38	80	10	33	12	280	200	270	420	60	190	18	490								
132M			178												230		520								

160M	160	254	210	108	42	110	12	37	15	330	220	330	485	70	260	25	645							
160L			254												310		685							
180M	180	279	241	121	48	110	14	42.5	15	355	220	360	525	70	311	22	720							
180L			279												349		740							
200L	220	318	305	133	55	110	16	49	19	390	250	400	645	70	370	25	805							
225S	225	356	286	149	55	60	110	140	16	18	49	53	19	435	250	450	690	75	355	28	865			
225M			311																380		860 890			
250M	250	406	349	168	60	65	140	18	53	58	24	490	300	500	720	80	420	30	945					
280S	280	457	368	190	65	75	140	18	20	58	67.5	24	545	300	560	790	85	438	35	1010				
280M			419															489		1060				
315S	315	508	406	216	65	80	140	170	18	22	58	71	28	640	400	630	1020	130	551	38	1240	1270	1270	
315M			457																602		1320	1350	1350	
315L			508																653		1410	1440	1440	

Structure B5、V1、Frame without Foundation,Cover with Flange



Frame size	Mounting and overall dimensions																						
	D		E		F		G		T	M	N	P	R	S	AD	AE	AC	LA	HE	L			
	poles No																			No of poles			
	2	4,6 8,10	2	4,6 8,10	2	4,6 8,10	2	4,6 8,10	2	4,6 8,10	2	4,6 8,10	2	4,6 8,10	2	4,6 8,10	2	4,6 8,10	2	4,6 8,10	2	4,6 8,10	10
63	11		23		4		8.5		3.0	115	95	140	0	4XΦ10	165	70	130	12	237	241	241		
71	14		30		5		11		3.0	130	110	160	0	4XΦ10	165	80	145	12	250	267	267		
80	19		40		6		15.5		3.5	165	130	300	0	4XΦ12	175	100	15	12	320	320	320		
90S	24		50		8		20		3.5	165	130	200	0	4XΦ12	175	100	180	12	330	355	355		
90L																				380	380		
100L	28		60		8		24		4.0	215	180	250	0	4XΦ15	175	125	205	14	370	435	435		
112M	28		60		8		24		4.0	215	180	250	0	4XΦ15	200	125	230	14	373	445	445		
132S	38		80		10		33		4.0	265	230	300	0	4XΦ15	200	150	270	14	438	490	490		

132M																	520	520				
160M	42	110	12	37	5.0	300	250	350	0	4XΦ19	220	175	330	16	500	645	645					
160L																685	685					
180M	48	110	14	42.5	5.0	300	250	350	0	4XΦ19	220	175	360	18	520	720	720					
180L																740	740					
200L	55	110	16	49	5.0	350	300	400	0	4XΦ19	250	200	400	18	645	805	805					
225S	55	60	110	140	16	18	49	53	5.0	400	350	450	0	8XΦ19	250	225	450	20	690		865	
225M																				860	890	
250M	60	65	140	18	53	58	5.0	500	450	550	0	8XΦ19	300	275	500	22	745		945			
280S	65	75	140	18	20	58	67.5	5.0	500	450	550	0	8XΦ19	300	275	560	22	785	1010	1010		
280M																			1060	1060		
315S	65	80	140	170	18	22	58	71	6.0	600	550	660	0	8XΦ24	400	330	630	25	1035	1240	1270	1270
315M																				1320	1350	1350
315L																				1410	1440	1440

Frame size	Synchronous speed r/min									
	1500/3000	1000/1500	750/1500	750/1000	500/1000	1000/1500/3000	750/1500/3000	750/1000/1500	500/750/1000/1500	
	Power(KW)									
80 ₂ ¹	0.45/0.55	—	—	—	—	—	—	—	—	—
	0.55/0.75	—	—	—	—	—	—	—	—	—
90S	0.85/1.1	0.65/0.85	—	0.35/0.45	—	—	—	—	—	—
90L	1.3/1.8	0.85/1.1	0.45/0.75	0.45/0.65	—	—	—	—	—	—
100 ₂ ¹	2/2.4	1.3/1.8	0.85/1.1	0.75/1.1	—	0.75/1.3/1.8	—	—	—	—
	2.4/3	1.5/2.2								
112M	3.3/4	2.2/2.8	1.5/2.4	1.3/1.8	—	1.1/2/2.4	0.65/2/2.4	0.85/1/1.5	—	—
132S	4.5/5.5	3/4	2.2/3.3	1.8/2.4	—	1.8/2.6/3	1/2.6/3	1.1/1.5/1.8	—	—
132M ₁ ₂	6.5/8	4/5.5	3/4.5	2.6/3.7	—	2.2/3.3/4	1.3/3.7/4.5	1.5/2/2.2	—	—
					—	2.6/4/5		1.8/2.6/3	—	—
160M	9/11	6.5/8	5/7.5	4.5/6	2.6/5	3.7/5/6	2.2/5/6	3.3/4/5.5	—	—
160L	11/14	9/11	7/11	6/8	3.7/7	4.5/7/9	2.8/7/9	4.5/6/7.5	—	—
180M	15/18.5	11/14	—	7.5/10	—	—	—	—	—	—
180L	18.5/22	13/16	11/17	9/12	5.5/10	—	—	7/9/12	3.3/5/6.5/9	—
200L ₁ ₂	26/30	18.5/22	14/22	12/17	7.5/13	—	—	10/13/17	4.5/7/8/11	—
			17/26	15/20	9/15	—	—		5.5/8/10/13	
225S	32/37	22/28	—	—	—	14/18.5/24	—	—	—	—
225M	37/45	26/32	24/34	—	12/20	—	—	17/22/28	7/11/13/20	—
250M	45/52	32/42	30/42	—	15/24	—	—	24/26/34	9/14/16/26	—

280S	60/72	42/55	40/55	—	20/30	—	—	30/34/42	11/18.5/20/34
280M	72/82	55/67	47/67	—	24/37	—	—	34/37/50	13/22/24/40