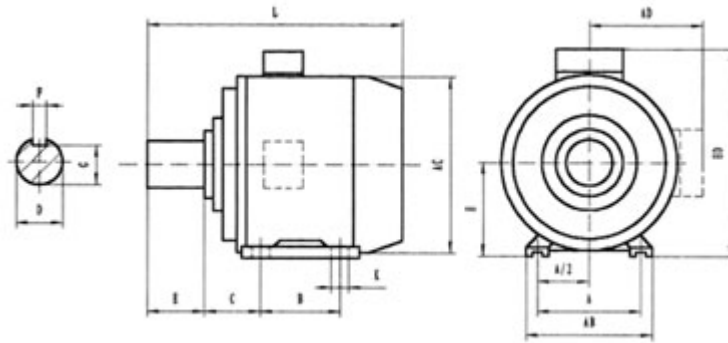


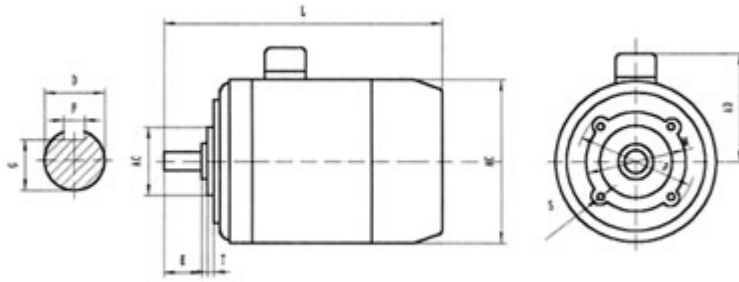


YS Series three-phase induction motor



Frame size	Mounting dimension and tolerance of B3																	
	A		A/21)		B		C		D		E		F		G		H	
	Basic size	Basic size	Limit deviation	Basic size	Basic size	Limit deviation	Basic size	Limit deviation	Basic size	Limit deviation	Basic size	Limit deviation	Basic size	Limit deviation	Basic size	Limit deviation	Basic size	Limit deviation
40	71	35.5	±0.20	56	28	±1.0	9	0.007	20	±0.260	3	-0.004	7.2	0	45	0	4	
50	80	40		63	32			-0.002				-0.029		-0.1	50	-0.4	5	
56	90	45		71	36										56	0		
63M	100	50	±0.25	80	40	±1.5	11	0.008	23	4	0	8.5		63	-0.5			
71M	112	56		90	45		14	-0.003	30		5	-0.03	11		71			
80M	125	62.5	±0.50	100	50		19	0.009	40		6		15.5		80			
90S	140	70		125	56	24	-0.004	50	±0.310	8		0	20	0	90		1	
90L													-0.036		-0.2			

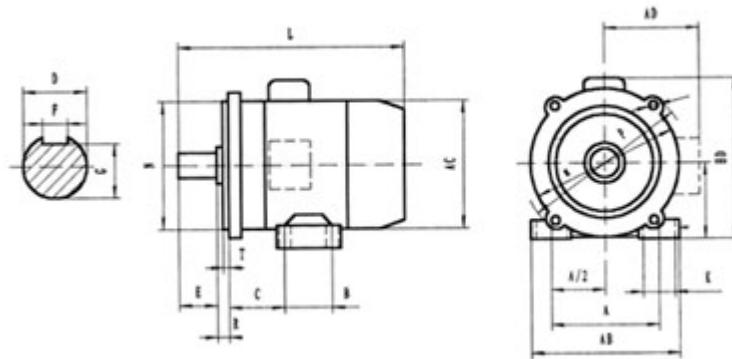
Notes: When the bottom foot hole K is long-round hole or the position degree is qualified, Needn't exa



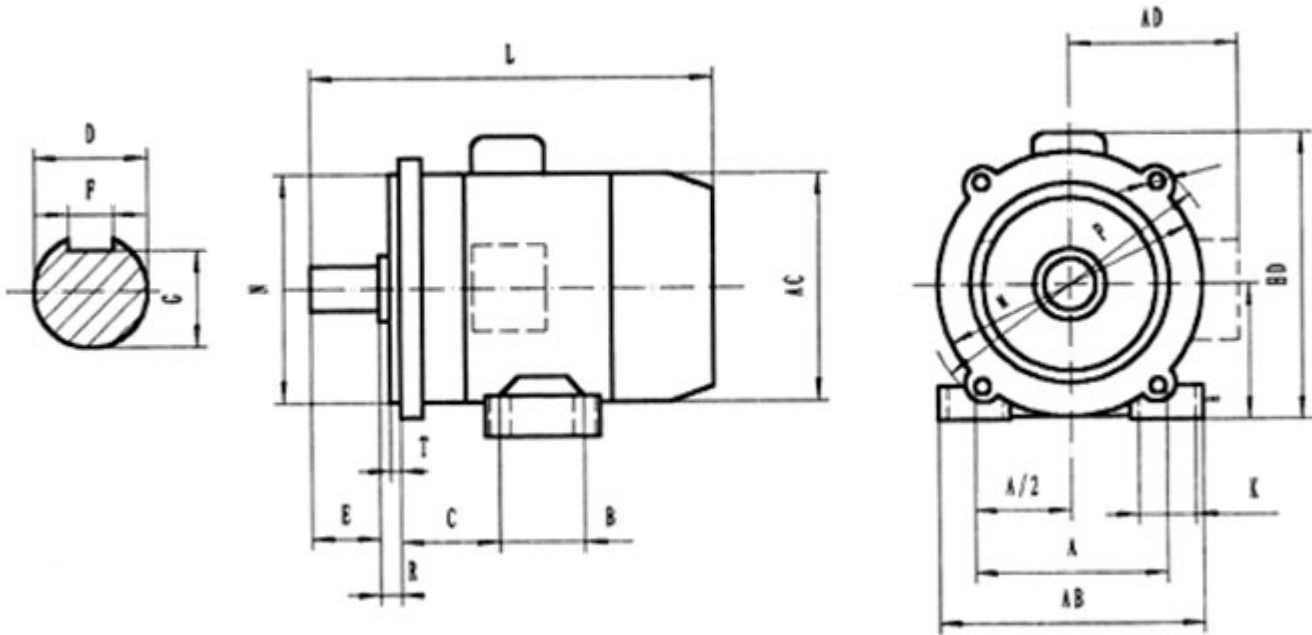
Frame size	Flange No.	Mounting dimension and tolerance of B14																				
		D		E		F		G		M	N		P1)	R2)		S						
		Basic size	Limit deviation	Basic size	Limit deviation	Basic size	Limit deviation	Basic size	Limit deviation	Basic size	Basic size	Limit deviation	Basic size	Basic size	Limit deviation	Basic size	Limit deviation					
45	FT45	9	0.007	20	±0.260	3	-0.004	7.2	0	45	32	0.011	60	0	±1.0	M5	φ0					
50	FT55		-0.002				-0.02											-0.1	55	40	-0.005	70
56	FT65																		65	50		80
63	FT75	11	0.008	23	±0.310	4	0	8.5	75	60	0.012	90	0	±1.5	M6	φ0						
71	FT85	14	-0.003	30													5	11	85	70	-0.007	105
80	FT100	19	0.009	40													6	15.5	66	80	0.013	120
90S	FT115	24	-0.004	50	±0.310	8	0	20	0	115	95	-0.009	140	0	±1.5	M8	φ1					
90L									-0.036									-0.2				

Notes:1. P size is the maximum limit value.

2. R is the distance from flange nating surface to axial extending shoulder.

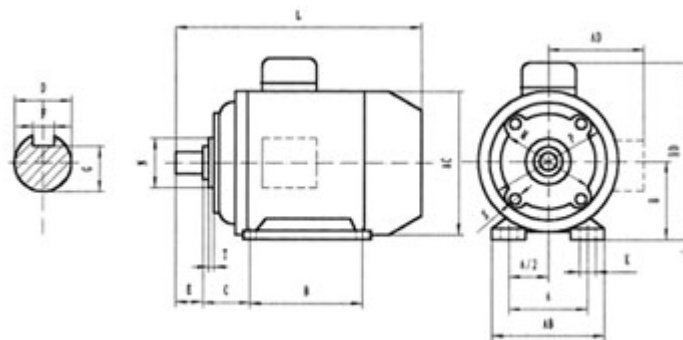


Frame size	Mounting dimension and tolerance of B5																										
	D		E		F		G		M	N		P	R''		S												
	Basic size	Limit deviation	Basic size	Limit deviation	Basic size	Limit deviation	Basic size	Limit deviation	Basic size	Basic size	Limit deviation	Basic size	Basic size	Limit deviation	Basic size	Limit deviation											
63	14	0.008	23	±0.31	4	0	8.5	0	115	95	0.013	140	0	±1.5	10	0.36											
											-0.03													0			
71	14	0.008	30			5		11								130	110		160				10	0.36			
		-0.003		6	15.5					0.014	200			12	0.43												
80	19	0.009	40	±0.31	6	0	15.5	0	165	130	-0.011	200	0	±1.5	12	0											
90S	24	-0.004	50													8	20	0				200					0
90L	24		50															-0.036						200			



Frame size	Mounting dimension and tolerance of B34																		
	A		A/2"		B		C			D		E		F		G		H	
	Basic size	Basic size	Limit deviation	Basic size	Basic size	Limit deviation	Basic size	Limit deviation	Basic size	Limit deviation	Basic size	Limit deviation	Basic size	Limit deviation	Basic size	Limit deviation	Basic size	Limit deviation	
63	100	50	±0.25	80	40	±1.5	11	0.008	23	±0.31	4	0	8.5	0	63	0	1		
71	112	56		90	45		14	-0.003	30		5	-0.03	11	-0.1	71	-0.5			
80	125	62.5	100	50	19		0.009	40	6			15		80					
90S	140	70	±0.5	125	56	24	-0.004	50	8		0	20	0	90	-0.2				
90L																-0.036		-0.2	

Note: R stands for the distance between flange fitting surface



Frame size	Flange No.	Mounting dimension and tolerance of FF165																		
		A		A/21)		B		C			D		E		F		G		H	
		Basic size	Basic size	Limit deviation	Basic size	Basic size	Limit deviation	Basic size	Limit deviation	Basic size	Limit deviation	Basic size	Limit deviation	Basic size	Limit deviation	Basic size	Limit deviation	Basic size	Limit deviation	
90S	FF165	140	70	±0.50	100	56	±1.5	24	0.009	50	±0.310	8	0	20	0	90	0	-0.2	-0.036	
90L		-0.036	-0.2																	

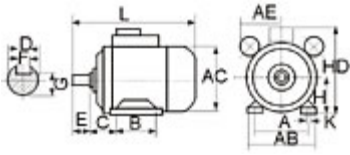
Notes: 1. When the bottom foot hole K is long-round hole

2. P size is the

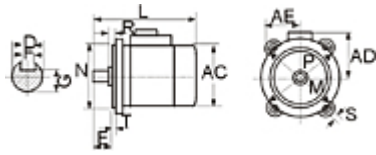
3. R is the distance from flange neck

Type	Power		Speed (r/min)	Current (A)	Power Factor (cos $\phi$ )	Eff (%)	Starting Torque	
	Hp	kW					Rated Torque Tst/Tn	Max Torque Rated Torque Tmax/Tn
YS6312	1/4	0.18	2790	0.53	0.75	69	2.3	2.4
YS6322	1/3	0.25	2790	0.68	0.78	72	2.3	2.4
YS7112	1/2	0.37	2800	0.96	0.80	73.5	2.3	2.4
YS7122	3/4	0.55	2800	1.35	0.82	75.5	2.3	2.4
YS8012	1	0.75	2800	1.75	0.85	76.5	2.2	2.4
YS8022	1.5	1.1	2800	2.56	0.85	77	2.2	2.4
YS90S-2	2	1.5	2800	3.44	0.85	78	2.2	2.4
YS90L-2	3	2.2	2800	4.83	0.86	80.5	2.0	2.4
YS6314	1/6	0.12	1390	0.48	0.63	60	2.4	2.4
YS6324	1/4	0.18	1390	0.65	0.66	64	2.4	2.4
YS7114	1/3	0.25	1390	0.84	0.68	67	2.4	2.4
YS7124	1/2	0.37	1400	1.12	0.72	69.5	2.4	2.4
YS8014	3/4	0.55	1400	1.56	0.73	73.5	2.4	2.4
YS8024	1	0.75	1400	2.01	0.75	75.5	2.3	2.4
YS90S-4	1.5	1.1	1400	2.75	0.78	78	2.3	2.4
YS90L-4	2	1.5	1400	3.65	0.79	79	2.3	2.4

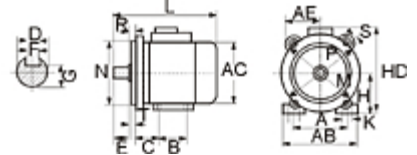
Frame size	Mounting Dimensions(mm)															Overall Dimensions(mm)				
	A	B	C	D	E	F	G	H	K	M	N	P	R	S	T	AB	AC	AD	HD	L
63	100	80	40	11	23	4	8.5	63	$\phi 7$	115	95	140	0	10	3.0	130	130	125	165	230
71	112	90	45	14	30	5	11	71	$\phi 7$	130	110	160	0	10	3.5	145	145	140	180	255
80	125	100	50	19	40	6	15.5	80	$\phi 10$	165	130	200	0	12	3.5	160	165	150	200	295
90S	140	100	56	24	50	8	20	90	$\phi 10$	165	130	200	0	12	3.5	180	185	160	240	370
90L	140	125	56	24	50	8	20	90	$\phi 10$	165	130	200	0	12	3.5	180	185	160	240	400
100L	160	140	63	28	60	8	24	100	$\phi 12$	215	180	250	0	15	4.0	205	220	180	260	430
112M	190	140	70	28	60	8	24	112	$\phi 12$	215	180	250	0	15	4.0	245	250	190	300	455
132S	216	140	89	38	80	10	33	132	$\phi 12$	265	230	300	0	15	4.0	280	290	210	350	525
132M	216	178	89	38	80	10	33	132	$\phi 12$	265	230	300	0	15	4.0	280	290	210	350	560



IMB3



IMB5



IMB35