

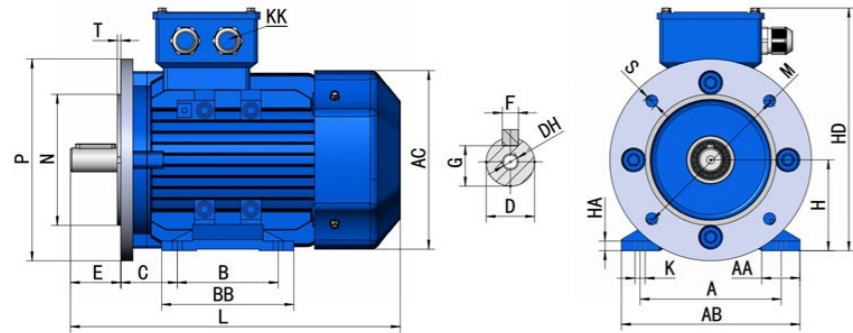
AMP SERIES

THREE PHASE GOST STANDARD MOTOR

AMP series three-phase induction motors, are conformity with Gost R51689 standards, it's advantages with good performance ,nice appearance, light weight.

Operating Conditions:

- Ambient temperature: $-15^{\circ}\text{C} \leq \leq 40^{\circ}\text{C}$
- Altitude :not exceed 1000 m
- Rated voltage :220V - 720V
- Rated frequency :50Hz / 60Hz
- Protection class :IP55
- Insulation class :F
- Cooling method :ICO 141
- Duty :S1(continuous)
- Connection :Star-connection for up to 3KW
- Delta - connection for 4KW and above



Installation Dimension

Frame With Feet And End-shield With Flange(im B35)																					
Type	Poles	L	H	C	P	N	E	T	D	G	F	DH	HD	M	S	AD	AC	A	AB	B	K
80A	2 4 6	310	80	50	200	130	50	3.5	22	18.5	6	M6X1X25	214	165	4X12	145	155	125	165	100	10
80B	2 4 6	310	80	50	200	130	50	3.5	22	18.5	6	M6X1X25	214	165	4X12	145	158	125	165	100	10
90L	2 4 6	360	90	56	250	180	50	4	24	20	8	M8X1.25X25	250	215	4X15	155	177	140	180	125	10
100S	2 4	385	100	63	250	180	60	4	28	24	8	M8X1.25X35	270	215	4X15	180	198	160	205	112	12
100L	2 4 6	385	100	63	250	180	60	4	28	24	8	M8X1.25X35	270	215	4X15	180	198	160	205	140	12
112MA	4 6	435	112	70	300	230	80	4	32	27	10	M8X1.25X35	300	265	4X15	190	220	190	230	140	12
112MB	2 4 6 8	435	112	70	300	230	80	4	32	27	10	M10X1.25X35	300	265	4X15	190	220	190	230	140	12
132S	4 6 8	470	132	89	350	250	80	5	38	33	10	M10X1.25X35	345	300	4X19	210	259	216	270	140	12
132M	2 4 6	510	132	89	350	250	80	5	38	33	10	M12X1.75X40	345	300	4X19	210	259	216	270	178	12
160S	2	615	160	108	350	250	110	5	42	37	12	M12X1.75X40	420	300	4X19	255	315	254	320	178	15
160M	4 6 8	615	160	108	350	250	110	5	48	42.5	14	M16X2X40	420	300	4X19	225	315	254	320	178	15
160M	2	660	160	108	350	250	110	5	42	37	12	M16X2X40	420	300	4X19	255	315	254	320	210	15
160M	4 6 8	660	160	108	350	250	110	5	48	42.5	14	M16X2X40	420	300	4X19	255	315	254	320	210	15
180S	2	700	180	121	400	300	110	5	48	42.5	14	M16X2X45	455	350	4X19	280	355	279	355	203	15
180S	4 6 8	700	180	121	400	300	110	5	55	49	16	M16X2X45	455	350	4X19	280	355	279	355	203	15
180M	2	740	180	121	400	300	110	5	48	42.5	14	M16X2X45	455	350	4X19	280	355	279	355	241	15
180M	4 6 8	740	180	121	400	300	110	5	55	49	16	M16X2X45	455	350	4X19	280	355	279	355	241	15
200M	2	770	200	133	450	350	110	5	55	49	16	M18X2.5X50	505	400	4X19	305	397	318	395	267	19
200M	4 6 8	800	200	133	450	350	140	5	60	53	18	M18X2.5X50	505	400	4X19	305	397	318	395	267	19
200L	2	770	200	133	450	350	110	5	55	49	16	M18X2.5X50	505	400	4X19	305	397	318	395	305	19
200L	4 6 8	800	200	133	450	350	140	5	60	53	18	M18X2.5X50	505	400	4X19	305	397	318	395	305	19
225M	2	820	225	149	550	450	110	5	55	49	16	M18X2.5X50	560	500	4X19	335	445	356	435	311	19
225M	4 6 8	850	225	149	550	450	140	5	65	58	18	M18X2.5X50	560	500	4X19	335	445	356	435	311	19
250S	2	845	250	168	550	450	140	5	65	58	18	M20X2.5X60	615	500	4X24	370	485	406	490	311	24
250S	4 6 8	845	250	168	550	450	140	5	75	67.5	20	M20X2.5X60	615	500	4X24	370	485	406	490	311	24
250M	2	920	250	168	550	450	140	5	65	58	18	M20X2.5X60	615	500	4X24	370	485	406	490	349	24
250M	4 6 8	920	250	168	550	450	140	5	75	67.5	20	M20X2.5X60	615	500	4X24	370	485	406	490	349	24
280S	2	995	280	190	660	550	140	6	70	62.5	20	M20X2.5X60	680	600	4X24	410	547	457	550	368	24
280S	4 6 8	1025	280	190	660	550	170	6	80	71	22	M20X2.5X60	680	600	4X24	410	547	457	550	419	24
280M	2	1045	280	190	660	550	140	6	70	62.5	20	M20X2.5X60	680	600	4X24	410	547	457	550	419	24
280M	4 6 8	1075	280	190	660	550	170	6	80	71	22	M20X2.5X60	680	600	4X24	410	547	457	550	419	24
315S	2	1185	315	216	660	550	140	6	75	67.5	20	M20X2.5X60	845	600	4X24	530	620	508	635	406	28
315S	4 6 8	1220	315	216	660	550	170	6	90	81	25	M20X2.5X60	845	600	4X24	530	620	508	635	406	28
315M	2	1290	315	216	660	550	140	6	75	67.5	20	M20X2.5X60	845	600	4X24	530	620	508	635	457	28
315M	4 6 8	1325	315	216	660	550	170	6	90	81	25	M20X2.5X60	845	600	4X24	530	620	508	635	457	28
355S	2	1520	355	254	800	680	170	6	85	76	22	M24X3X70	1010	740	4X24	655	698	610	730	500	28
355S	4 6 8	1560	355	254	800	680	210	6	100	92	28	M24X3X70	1010	740	4X24	655	698	610	730	500	28
355M	2	1520	355	254	800	680	170	6	85	76	22	M24X3X70	1010	740	4X24	655	698	610	730	560	28
355M	4 6 8	1560	355	254	800	680	210	6	100	92	28	M24X3X70	1010	740	4X24	655	698	610	730	560	28

TECHNICAL DATA

Frame reference and size	Full load current at rated voltage	Rated power		Full load speed in revolutions per minute	Efficiency	Power factor	Direct on line starting torque ratio	Direct on line pull out torque ratio	Direct on line starting torque ratio	Mean sound pressure level @1m on no load	Weight	Rotor inertia Wk2
		Output	HP									
Type	380V	KW	HP	r/min	%	CosΦ	Ts/Tn	Tmax/Tn	Is/In	LwdB(A)	kg	kgm2
AIP-71A-2	1.77	0.75	1.0	2840	75.0	0.83	2.2	2.3	6.1	67	8.7	0.0006
AIP-71B-2	2.61	1.1	1.5	2840	76.2	0.84	2.2	2.3	6.9	67	10.5	0.0008
AIP-80A-2	3.46	1.5	2.0	2850	78.5	0.84	2.2	2.3	7.0	72	13.0	0.0011
AIP-80B-2	4.85	2.2	3.0	2855	81.0	0.85	2.2	2.3	7.0	72	15.0	0.0018
AIP-90L-2	6.34	3.0	4.0	2860	82.6	0.87	2.2	2.3	7.5	76	17.0	0.0024
AIP-100S-2	8.20	4.0	5.5	2880	84.2	0.88	2.2	2.3	7.5	77	20.5	0.0070
AIP-100L-2	11.1	5.5	7.5	2900	85.7	0.88	2.2	2.3	7.5	80	28.0	0.0080
AIP-112M-2	14.9	7.5	10.0	2895	87.0	0.88	2.2	2.3	7.5	80	49.0	0.0185
AIP-132M-2	21.2	11.0	15.0	2900	88.4	0.89	2.2	2.3	7.5	86	54.0	0.2270
AIP-160S-2	28.6	15.0	20.0	2930	89.4	0.89	2.2	2.3	7.5	86	116	0.0500
AIP-160M-2	34.7	18.5	25.0	2930	90.0	0.90	2.2	2.3	7.5	86	130	0.0550
AIP-180S-2	41.0	22.0	30.0	2940	90.5	0.90	2.0	2.3	7.5	89	150	0.0620
AIP-180M-2	55.4	30.0	40.0	2950	91.4	0.90	2.0	2.3	7.5	92	170	0.0700
AIP-200M-2	67.9	37.0	50.0	2950	92.0	0.90	2.0	2.3	7.5	92	230	0.1400
AIP-200L-2	82.1	45.0	60.0	2960	92.5	0.90	2.0	2.3	7.5	92	255	0.1600
AIP-225M-2	100.0	55.0	75.0	2970	93.0	0.90	2.0	2.3	7.5	93	320	0.2000
AIP-250S-2	135.0	75.0	100.0	2975	93.6	0.90	2.0	2.3	7.0	94	450	0.3500
AIP-250M-2	160.0	90.0	125.0	2975	93.9	0.91	2.0	2.3	7.1	94	530	0.4000
AIP-280S-2	195.0	110.0	150.0	2975	94.0	0.91	1.8	2.2	7.1	96	650	0.6000
AIP-280M-2	233.0	132.0	180.0	2975	94.5	0.91	1.8	2.2	7.1	96	700	0.7000
AIP-315S-2	279.0	160.0	220.0	2975	94.6	0.92	1.8	2.2	7.1	99	1170	2.8200
AIP-315M-2	348.0	200.0	270.0	2975	94.8	0.92	1.8	2.2	7.1	99	1460	3.6600
AIP-355S-2	433.0	250.0	340.0	2980	95.2	0.92	1.6	2.2	7.1	103	1900	3.0000
AIP-355M-2	545.0	315.0	430.0	2980	95.4	0.92	1.6	2.2	7.1	103	2300	3.5000
AIP-71A-4	1.57	0.55	0.75	1390	71.0	0.75	2.4	2.3	5.2	58	8.4	0.0010
AIP-71B-4	2.05	0.75	1.0	1390	73.0	0.76	2.3	2.3	6.0	58	10.0	0.0015
AIP-80A-4	2.85	1.1	1.5	1390	76.2	0.77	2.3	2.3	6.0	61	14.0	0.0028
AIP-80B-4	3.72	1.5	2.0	1400	78.5	0.78	2.3	2.3	6.0	61	16.0	0.0034
AIP-90L-4	5.09	2.2	3.0	1410	80.0	0.81	2.3	2.3	7.0	64	17.0	0.0056
AIP-100S-4	6.78	3.0	4.0	1410	82.6	0.82	2.3	2.3	7.0	64	21.0	0.0100
AIP-100L-4	8.8	4.0	5.5	1435	84.2	0.82	2.3	2.3	7.0	65	37.0	0.0130
AIP-112M-4	11.7	5.5	7.5	1440	85.7	0.83	2.3	2.3	7.0	71	45.0	0.02