

WONDER[®] since 1988

In synchronisation with the future



WST series

系列超超高效永磁同步电机

THREEPHASE SUPER-PREMIUM PM
SYNCHRONOUS MOTOR

Drive the present,

Lead to the future

电机概述

WST系列永磁同步电机，是万德全新设计的IE4超超高效电机（机座号71-132为铝壳电机，机座号160-315为铁壳电机）。具有结构紧凑、损耗少、效率高、过载能力强、特性硬、无滑差，无编码器控制亦能精准控制。

应用领域

广泛应用于通用机械和工业领域。例如：水泵、风机、空压机、纺织机械、冶金、水泥造纸等行业。



特点

机座范围：71-315

功率范围：0.55-400KW

额定转速：1500-4500r/min

防护等级IP55，F绝缘，B级温升，S1工作制，额定电压400V级变频电源

使用条件：环境温度-20℃-40℃，海拔≤1000m

可定制其他转速要求



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型号 Type	机座号 Frame Size	额定转速 Rated speed n (r/min)	额定功率 Rated Power Pn (KW)	额定转矩 Rated Troque Mn (Nm)	峰值转矩 Peak Troque Mpk (Nm)	电势常数 Voltage Constant Ke (Vs)	转矩常数 Troque Constant Kt (Nm/A)	额定转速 反电势 BEMF at rated En (Vrs)	额定电流 Rated Current In (Arms)	效率 Efficient HPS η (%)
1500r/min 6p 75Hz										
WST71-1500-0.55	71	1500	0.55	3.5	10.5	1.700	3.000	275	1.2	86.7
WST71-1500-0.75	71	1500	0.75	4.8	14.4	1.700	3.000	275	1.6	88.1
WST71-1500-1.1	71	1500	1.1	7.0	21.0	1.700	3.000	275	2.3	89.1
WST71-1500-1.5	71	1500	1.5	9.6	28.8	1.700	3.000	275	3.1	89.1
WST90-1500-1.5	90L	1500	1.5	9.6	28.7	1.800	3.200	275	3.0	91.0
WST90-1500-2.2	90L	1500	2.2	14.0	42.0	1.800	3.200	275	4.4	91.6
WST90-1500-3.0	90L	1500	3	19.1	57.3	1.800	3.200	275	6.0	92.1
WST90-1500-4.0	90L	1500	4	25.5	76.4	1.800	3.200	275	8.0	92.2
WST112-1500-4.0	112M	1500	4	25.5	76.4	1.800	3.200	275	8.0	92.2
WST112-1500-5.5	112M	1500	5.5	35.0	105	1.800	3.200	275	11.0	92.4
WST112-1500-7.5	112M	1500	7.5	47.8	143	1.800	3.200	275	15.0	92.9
WST112-1500-11	112M	1500	11	70.0	210	1.800	3.200	275	22.0	92.9
WST132-1500-11	132L	1500	11	70.0	210	1.900	3.200	275	21.6	94.3
WST132-1500-15	132L	1500	15	95.5	287	1.900	3.200	275	29.4	94.5
WST132-1500-18.5	132L	1500	18.5	118	353	1.900	3.200	275	36.2	94.6
WST160-1500-18.5	160M	1500	18.5	118	283	2.121	3.673	333	34	94.2
WST160-1500-22	160M	1500	22	140	336	2.080	3.673	329	40	94.5
WST160-1500-30	160L	1500	30	191	420	2.166	3.751	340	54	95.0
WST180-1500-30	180M	1500	30	191	458	2.121	3.673	333	54	95.0
WST180-1500-37	180L	1500	37	236	565	2.150	3.729	338	66	95.3
WST180-1500-45	180L	1500	45	287	688	2.102	3.640	330	80	95.5
WST200-1500-45	200L	1500	45	287	688	2.121	3.674	330	79	95.6
WST200-1500-55	200L	1500	55	350	840	2.121	3.674	330	94	95.8
WST225-1500-55	225M	1500	55	350	840	2.100	3.640	315	98	96.0
WST225-1500-75	225M	1500	75	478	1146	2.100	3.640	319	133	96.1
WST250-1500-75	250M	1500	75	478	1051	2.167	3.755	340	129	96.2
WST250-1500-90	250M	1500	90	573	1261	2.167	3.755	340	150	96.2
WST280-1500-110	280M	1500	110	700	1540	2.110	3.655	331	189	96.4
WST280-1500-132	280M	1500	132	840	1848	2.110	3.655	331	226	96.5
WST280-1500-160	280M	1500	160	1019	2242	2.110	3.655	331	274	96.7
WST315-1500-110	315S	1500	110	700	1540	2.127	3.684	334	188	96.5
WST315-1500-132	315S	1500	132	840	1848	2.127	3.684	334	226	96.7
WST315-1500-160	315S	1500	160	1019	2242	2.127	3.684	334	276	96.9
WST315-1500-180	315M/L	1500	180	1146	2521	2.127	3.684	334	312	96.9
WST315-1500-200	315M/L	1500	200	1273	2801	2.127	3.684	334	348	97.0
WST315-1500-220	315M/L	1500	220	1401	3082	2.127	3.684	334	379	97.1
WST315-1500-250	315M/L	1500	250	1592	3502	2.127	3.684	334	436	97.2
WST315-1500-315	315M/L	1500	315	2006	4413	2.127	3.684	334	543	97.2

型号 Type	机座号 Frame Size	额定转速 Rated speed n (r/min)	额定功率 Rated Power Pn (KW)	额定转矩 Rated Troque Mn (Nm)	峰值转矩 Peak Troque Mpk (Nm)	电势常数 Voltage Constant Ke (Vs)	转矩常数 Troque Constant Kt (Nm/A)	额定转速 反电势 BEMF at rated En (Vrs)	额定电流 Rated Current In (Arms)	效率 Efficient HPS η (%)
1800r/min 6p 90Hz										
WST71-1800-0.55	71	1800	0.55	2.9	8.8	1.500	2.500	275	1.2	87.3
WST71-1800-0.75	71	1800	0.75	4.0	11.9	1.500	2.500	275	1.6	88.5
WST71-1800-1.1	71	1800	1.1	5.8	17.5	1.500	2.500	275	2.3	89.7
WST71-1800-1.5	71	1800	1.5	8.0	23.9	1.500	2.500	275	3.1	90.3
WST90-1800-1.5	90L	1800	1.5	8.0	23.9	1.500	2.600	275	3.0	91.2
WST90-1800-2.2	90L	1800	2.2	11.7	35.0	1.500	2.600	275	4.4	91.7
WST90-1800-3.0	90L	1800	3	15.9	47.7	1.500	2.600	275	6.0	92.3
WST90-1800-4.0	90L	1800	4	21.2	63.7	1.500	2.600	275	8.0	92.4
WST112-1800-4.0	112M	1800	4	21.2	63.7	1.500	2.600	275	8.0	92.0
WST112-1800-5.5	112M	1800	5.5	29.2	87.5	1.500	2.600	275	11.0	92.8
WST112-1800-7.5	112M	1800	7.5	39.8	119	1.500	2.600	275	14.9	93.4
WST112-1800-11	112M	1800	11	58.4	175	1.500	2.600	275	21.6	93.6
WST132-1800-11	132M	1800	11	58.4	175	1.600	2.700	275	21.6	94.3
WST132-1800-15	132M	1800	15	79.6	239	1.600	2.700	275	29.3	94.7
WST132-1800-18.5	132M	1800	18.5	98.1	294	1.600	2.700	275	36.1	94.8
WST160-1800-18.5	160M	1800	18.5	98.0	235	1.751	3.033	330	34	94.6
WST160-1800-22	160M	1800	22	117	281	1.751	3.033	330	40	94.6
WST160-1800-30	160L	1800	30	159	382	1.751	3.033	330	54	95.2
WST180-1800-30	180M	1800	30	159	382	1.751	3.033	330	54	95.1
WST180-1800-37	180L	1800	37	196.5	472	1.751	3.033	330	66	95.4
WST180-1800-45	180L	1800	45	239	574	1.751	3.033	330	80	95.5
WST200-1800-45	200L	1800	45	239	574	1.751	3.033	330	79	95.6
WST200-1800-55	200L	1800	55	292	701	1.751	3.033	330	94	95.8
WST225-1800-55	225M	1800	55	292	701	1.751	3.033	330	98	96.0
WST225-1800-75	225M	1800	75	398	955	1.751	3.033	330	133	96.3
WST250-1800-75	250M	1800	75	398	955	1.751	3.033	330	129	96.2
WST250-1800-90	250M	1800	90	478	1147	1.751	3.033	330	150	96.2
WST280-1800-110	280M	1800	110	584	1402	1.751	3.033	330	189	96.3
WST280-1800-132	280M	1800	132	700	1680	1.751	3.033	330	226	96.6
WST280-1800-160	280M	1800	160	849	2038	1.751	3.033	330	274	96.7
WST315-1800-110	315S	1800	110	584	1285	1.773	3.070	334	188	96.3
WST315-1800-132	315S	1800	132	700	1540	1.773	3.070	334	226	96.6
WST315-1800-160	315S	1800	160	849	1868	1.773	3.070	334	276	96.7
WST315-1800-180	315M/L	1800	180	955	2101	1.773	3.070	334	312	96.5
WST315-1800-200	315M/L	1800	200	1061	2334	1.773	3.070	334	348	96.6
WST315-1800-220	315M/L	1800	220	1167	2567	1.773	3.070	334	379	96.8
WST315-1800-250	315M/L	1800	250	1326	2917	1.773	3.070	334	436	96.8
WST315-1800-315	315M/L	1800	315	1671	3676	1.773	3.070	334	543	96.8

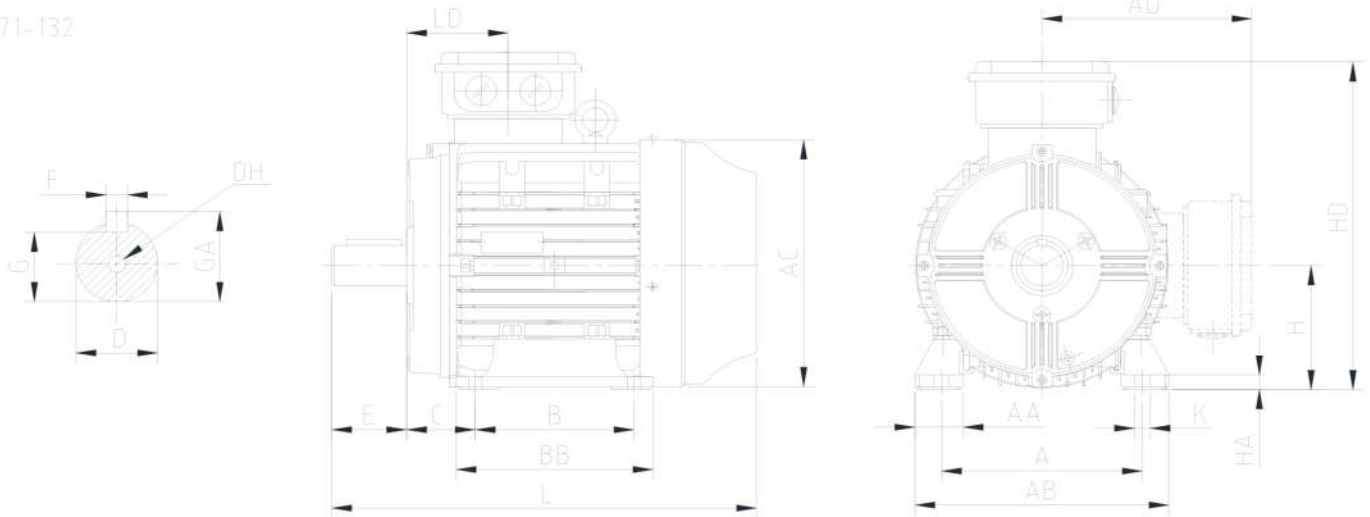
型号 Type	机座号 Frame Size	额定转速 Rated speed n (r/min)	额定功率 Rated Power Pn (KW)	额定转矩 Rated Troque Mn (Nm)	峰值转矩 Peak Troque Mpk (Nm)	电势常数 Voltage Constant Ke (Vs)	转矩常数 Troque Constant Kt (Nm/A)	额定转速反 电势 BEMF at rated En (Vrs)	额定电流 Rated Current In (Arms)	效率 Efficient HPS η (%)
3000r/min 6p 150Hz										
WST71-3000-0.75	71	3000	0.75	2.4	7.2	0.900	1.500	275	1.6	89.1
WST71-3000-1.1	71	3000	1.1	3.5	40.5	0.900	1.500	275	2.3	90.6
WST71-3000-1.5	71	3000	1.5	4.8	14.3	0.900	1.500	275	3.3	91.3
WST71-3000-2.2	71	3000	2.2	7.0	21.0	0.900	1.500	275	4.6	92.0
WST90-3000-2.2	90L	3000	2.2	7.0	21.0	0.900	1.600	275	4.4	91.5
WST90-3000-3.0	90L	3000	3.0	9.6	28.7	0.900	1.600	275	6.0	92.1
WST90-3000-4.0	90L	3000	4.0	12.7	38.2	0.900	1.600	275	8.0	92.5
WST90-3000-5.5	90L	3000	5.5	17.5	52.5	0.900	1.600	275	11.0	93.0
WST112-3000-5.5	112M	3000	5.5	17.5	52.5	0.900	1.600	275	11.0	93.0
WST112-3000-7.5	112M	3000	7.5	23.9	71.6	0.900	1.600	275	14.9	93.8
WST112-3000-11	112M	3000	11	35.0	105	0.900	1.600	275	21.5	94.4
WST112-3000-15	112M	3000	15	47.8	143	0.900	1.600	275	29.1	94.8
WST132-3000-15	132M	3000	15	47.8	143	1.000	1.600	275	29.2	94.7
WST132-3000-18.5	132M	3000	18.5	58.9	177	1.000	1.600	275	36.0	95.0
WST132-3000-22	132M	3000	22	70.0	210	1.000	1.600	275	42.6	95.2
WST132-3000-30	132M	3000	30	95.4	286	1.000	1.600	275	58.0	95.5
WST160-3000-22	160M	3000	22	70.0	168	1.060	1.837	337	38.0	94.0
WST160-3000-30	160M	3000	30	95.5	229.2	1.060	1.837	337	53.0	94.5
WST160-3000-37	160L	3000	37	118	283.2	1.060	1.837	337	64.0	94.8
WST180-3000-37	180M	3000	37	118	283	1.076	1.864	338	66.0	95.3
WST180-3000-45	180M	3000	45	143	344	1.085	1.881	341	80.0	95.3
WST180-3000-55	180L	3000	55	175	420	1.076	1.864	338	98.0	95.5
WST200-3000-55	200L	3000	55	175	420	1.051	1.820	330	97.0	95.3
WST200-3000-75	200L	3000	75	289	694	1.051	1.820	330	132	95.7
WST225-3000-75	225M	3000	75	239	574	1.050	3.640	322	133	95.8
WST225-3000-90	225M	3000	90	287	688	1.050	1.820	326	159	95.8
WST225-3000-110	225M	3000	110	350	840	1.050	1.820	321	194	95.8
WST250-3000-110	250M	3000	110	350	770	1.108	1.920	346	186	96.4
WST250-3000-132	250M	3000	132	420	924	1.835	1.877	340	224	96.4
WST280-3000-132	280M	3000	132	420	924	1.050	1.826	331	229	96.4
WST280-3000-160	280M	3000	160	509	1120	1.050	1.826	331	280	96.6
WST280-3000-180	280M	3000	180	573	1261	1.050	1.826	331	316	96.7
WST280-3000-200	280M	3000	200	637	1402	1.050	1.826	331	348	96.8
WST315-3000-132	315S	3000	132	420	840	1.064	1.842	334	227	96.0
WST315-3000-160	315S	3000	160	509	1018	1.064	1.842	334	271	96.3
WST315-3000-180	315S	3000	180	573	1146	1.064	1.842	334	304	96.7
WST315-3000-200	315M/L	3000	200	637	1401	1.064	1.842	334	336	96.5
WST315-3000-220	315M/L	3000	220	700	1540	1.064	1.842	334	371	96.7
WST315-3000-250	315M/L	3000	250	796	1751	1.064	1.842	334	420	96.8
WST315-3000-315	315M/L	3000	315	1003	2207	1.064	1.842	334	527	96.9
WST315-3000-350	315M/L	3000	350	1114	2451	1.064	1.842	334	600	97.0
WST315-3000-400	315M/L	3000	400	1273	2801	1.064	1.842	334	672	97.1

技术数据
 TECHNICAL SPECIFICATIONS

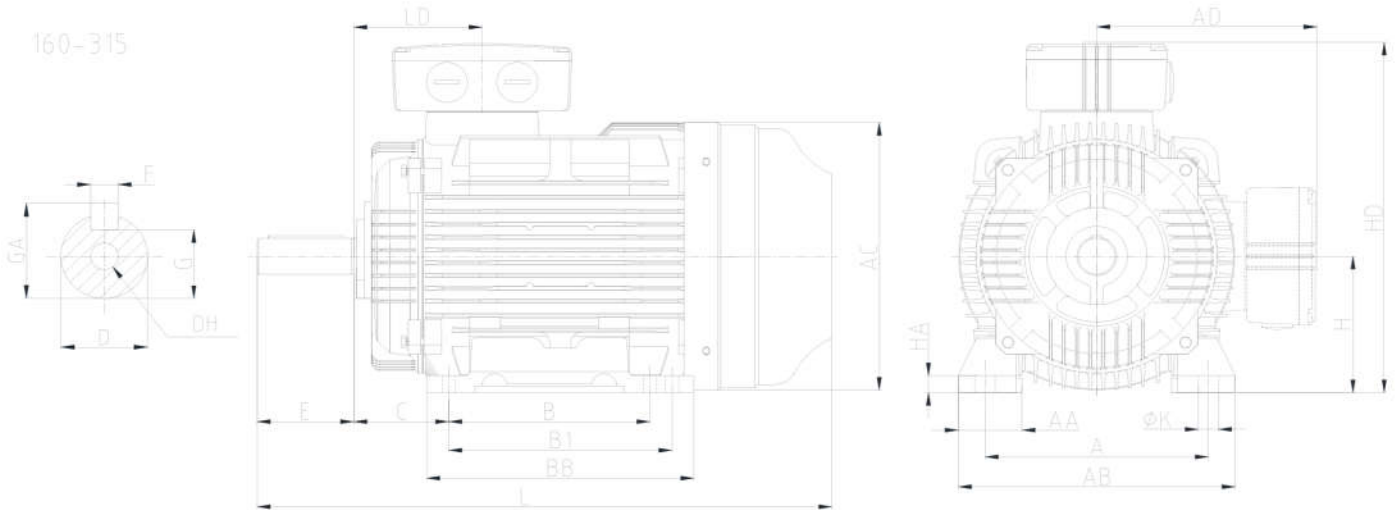
型号 Type	机座号 Frame Size	额定转速 Rated speed n (r/min)	额定功率 Rated Power Pn (KW)	额定转矩 Rated Troque Mn (Nm)	峰值转矩Peak Troque Mpk (Nm)	电势常数 Voltage Constant Ke (Vs)	转矩常数 Troque Constant Kt (Nm/A)	额定转速反电势 BEMF at rated En (Vrs)	额定电流 Rated Current In (Arms)	效率 Efficient HPS η (%)
3600r/min 6p 180Hz										
WST71-3600-0.75	71	3600	0.75	2.0	6.0	0.700	1.300	275	1.6	88.3
WST71-3600-1.1	71	3600	1.1	2.9	8.8	0.700	1.300	275	2.3	89.9
WST71-3600-1.5	71	3600	1.5	4.0	11.9	0.700	1.300	275	3.4	90.9
WST71-3600-2.2	71	3600	2.2	5.8	17.5	0.700	1.300	275	4.5	91.9
WST90-3600-2.2	90L	3600	2.2	5.8	17.5	0.800	1.300	275	4.4	91.7
WST90-3600-3.0	90L	3600	3.0	8.0	23.9	0.800	1.300	275	6.0	92.4
WST90-3600-4.0	90L	3600	4.0	10.6	31.8	0.800	1.300	275	8.0	92.9
WST90-3600-5.5	90L	3600	5.5	14.6	43.8	0.800	1.300	275	11.0	93.4
WST112-3600-5.5	112M	3600	5.5	19.9	43.8	0.800	1.300	275	11.0	93.0
WST112-3600-7.5	112M	3600	7.5	29.2	59.7	0.800	1.300	275	15.0	93.7
WST112-3600-11	112M	3600	11	39.8	87.5	0.800	1.300	275	21.3	94.4
WST112-3600-15	112M	3600	15	39.8	119	0.800	1.300	275	29.0	94.9
WST132-3600-15	132M	3600	15	39.8	119	0.800	1.400	275	29.5	94.1
WST132-3600-18.5	132M	3600	18.5	49.4	147	0.800	1.400	275	35.9	94.8
WST132-3600-22	132M	3600	22	58.4	175	0.800	1.400	275	42.6	95.0
WST132-3600-30	132M	3600	30	79.6	239	0.800	1.400	275	57.9	95.4
WST160-3600-22	160M	3600	22	58.5	140	0.875	1.516	330	40.0	93.3
WST160-3600-30	160M	3600	30	79.5	191	0.875	1.516	330	54.0	93.6
WST160-3600-37	160L	3600	37	98	235	0.875	1.516	330	64.0	94.4
WST180-3600-37	180M	3600	37	98.2	236	0.875	1.516	330	66.0	94.2
WST180-3600-45	180M	3600	45	119	287	0.875	1.516	330	80.0	94.6
WST180-3600-55	180L	3600	55	146	350	0.875	1.516	330	98.0	94.6
WST200-3600-55	200L	3600	55	146	351	0.875	1.516	330	94.0	94.7
WST200-3600-75	200L	3600	75	199	478	0.875	1.516	330	132	95.1
WST225-3600-75	225M	3600	75	199	478	0.875	1.516	330	133	95.2
WST225-3600-90	225M	3600	90	239	534	0.875	1.516	330	159	95.5
WST225-3600-110	225M	3600	110	292	701	0.875	1.516	330	194	95.5
WST250-3600-110	250M	3600	110	292	701	0.875	1.516	330	186	95.4
WST250-3600-132	250M	3600	132	350	840	0.875	1.516	330	224	95.6
WST280-3600-132	280M	3600	132	350	840	0.875	1.516	330	229	95.6
WST280-3600-160	280M	3600	160	424	1018	0.875	1.516	330	280	96.0
WST280-3600-180	280M	3600	180	478	1147	0.875	1.516	330	316	96.3
WST280-3600-200	280M	3600	200	531	1274	0.875	1.516	330	348	96.3
WST315-3600-132	315S	3600	132	350	770	0.866	1.535	334	227	95.6
WST315-3600-160	315S	3600	160	425	935	0.866	1.535	334	271	96.0
WST315-3600-180	315S	3600	180	478	1052	0.866	1.535	334	304	96.3
WST315-3600-200	315M/L	3600	200	531	1168	0.866	1.535	334	336	96.3
WST315-3600-220	315M/L	3600	220	584	1285	0.866	1.535	334	371	96.3
WST315-3600-250	315M/L	3600	250	663	1459	0.866	1.535	334	420	96.3
WST315-3600-315	315M/L	3600	315	836	1839	0.866	1.535	334	527	96.3
WST315-3600-350	315M/L	3600	350	929	2043	0.866	1.535	334	600	96.3
WST315-3600-400	315M/L	3600	400	1061	2334	0.866	1.535	334	672	96.3

型号 Type	机座号 Frame Size	额定转速 Rated speed n (r/min)	额定功率 Rated Power Pn (KW)	额定转矩 Rated Troque Mn (Nm)	峰值转矩 Peak Troque Mpk (Nm)	电势常数 Voltage Constant Ke (Vs)	转矩常数 Troque Constant Kt (Nm/A)	额定转速反 电势 BEMF at rated En (Vrs)	额定电流 Rated Current In (Arms)	效率 Efficient HPS η (%)
4500r/min 6p 225Hz										
WST71-4500-0.55	71	4500	1.1	2.3	7.0	0.600	1.000	275	2.4	89.1
WST71-4500-0.75	71	4500	1.5	3.2	9.6	0.600	1.000	275	3.2	90.6
WST71-4500-1.1	71	4500	2.2	4.7	14.0	0.600	1.000	275	4.6	91.7
WST71-4500-1.5	71	4500	3.0	6.4	19.1	0.600	1.000	275	6.1	92.6
WST90-4500-1.5	90L	4500	3.0	6.4	19.1	0.600	1.100	275	6.0	91.8
WST90-4500-2.2	90L	4500	4.0	8.5	25.5	0.600	1.100	275	8.0	92.4
WST90-4500-3.0	90L	4500	5.5	11.7	35.0	0.600	1.100	275	11.0	93.0
WST90-4500-4.0	90L	4500	7.5	15.9	47.8	0.600	1.100	275	15.0	93.5

71-132



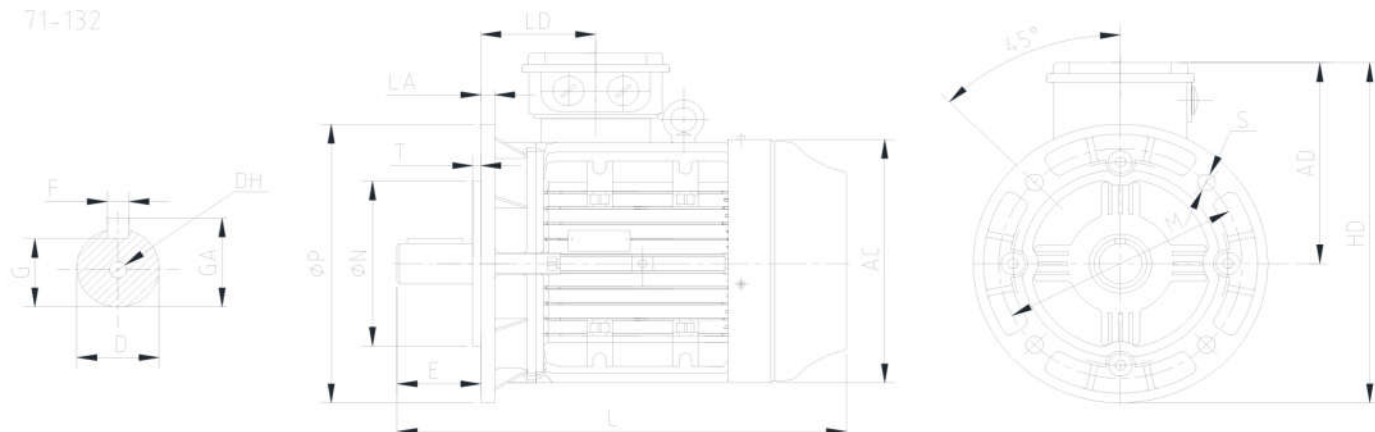
160-315



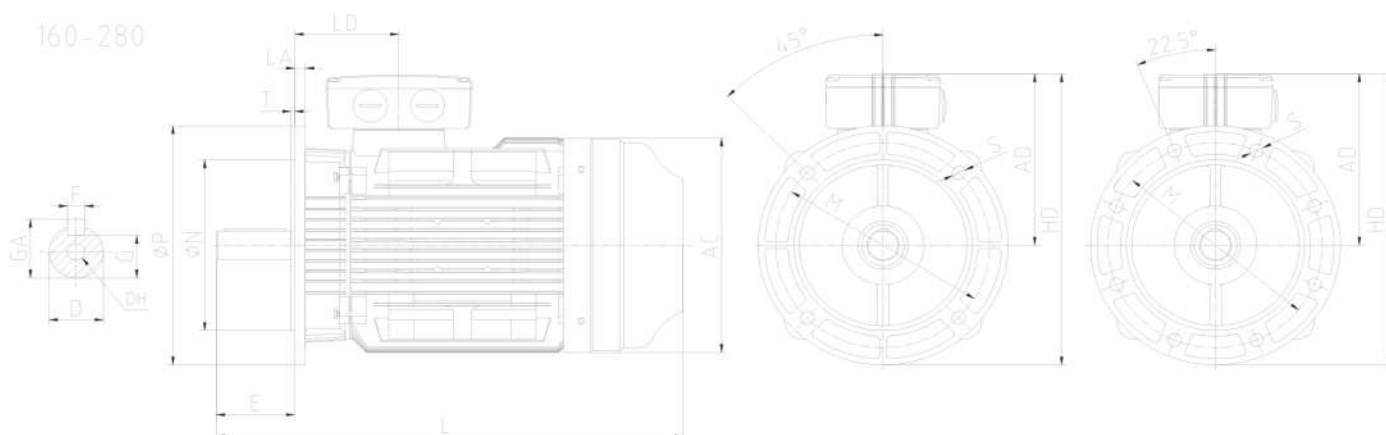
B3外形安装尺寸图 MOUNTING AND OVERALL DIMENSIONS

Frame size	Mounting dimensions(mm)											Overall dimensions(mm)									
	A	B	B1	C	D	E	F	G	H	K	DH	GA	AA	AB	AC	AD	HA	HD	BB	LD	L
71	112	90	/	45	14	30	5	11	71	7	M5×13	16	27.5	136	137	107	10	178	110	66	247
90L	140	125	/	56	24	50	8	20	90	10	M8×20	27.00	37	180	175	141	10	231	153	87	324
112M	190	140	/	70	28	60	8	24	112	12	M10×22	31	47	230	222	167	12	279	170	85	381
132M	216	178	/	89	38	80	10	33	132	12	M12×28	41	54	264	260	191	15	323	210	129	463
160M	254	210	/	108	42	110	12	37	160	15	M16×36	45	64	315	314	244	20	404	260	146	610
160L	254	254	/	108	42	110	12	37	160	15	M16×36	45	64	315	314	244	20	404	304	146	654
180M	279	241	/	121	48	110	14	42.5	180	15	M16×36	51.5	68	351	355	264	22	444	311	161	684
180L	279	279	/	121	48	110	14	42.5	180	15	M16×36	51.5	68	351	355	264	22	444	349	161	722
200L	318	305	/	133	55	110	16	49	200	19	M20×42	59	70	388	397	296	25	496	369	186	774
225M	356	311	/	149	60	140	18	53	225	19	M20×42	64	79	430	445	319	28	544	386	189	846
250S/M	406	311	349	168	65	140	18	58	250	24	M20×42	69	97	484	484	370	32	620	445	208	911
280M	457	419	/	190	75	140	20	67.5	280	24	M20×42	79.5	85	542	546	400	35	680	536	217	1016
315S	508	406	/	216	80	170	22	71	315	28	M20×46	85	120	628	620	502	45	817	570	257	1231
315M,L	508	457	508	216	80	170	22	71	315	28	M20×46	85	120	628	620	502	45	817	680	257	1341

71-132



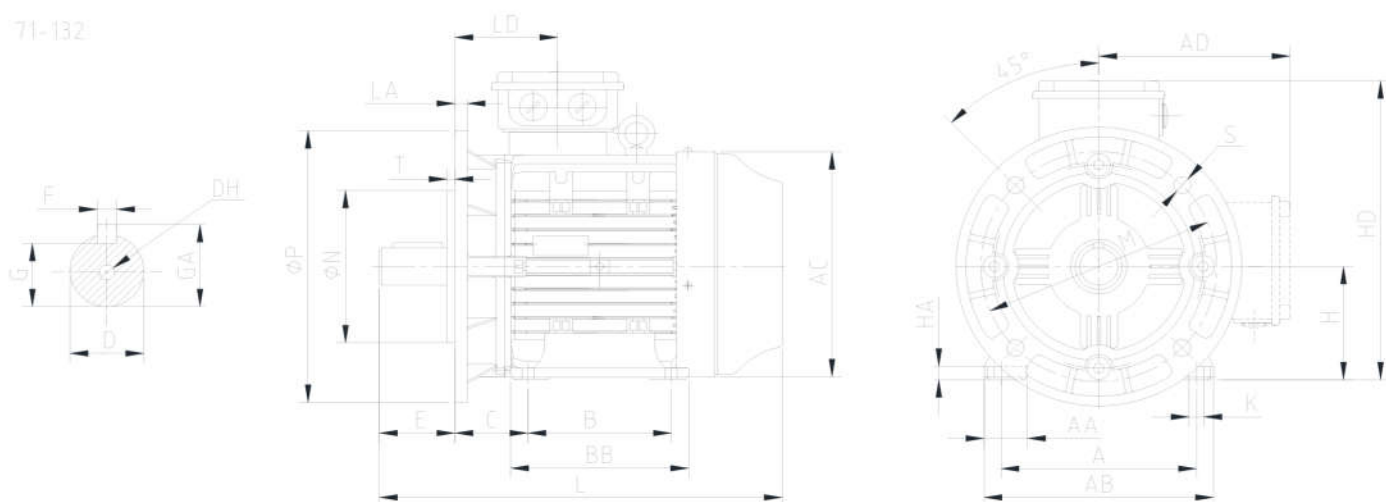
160-280



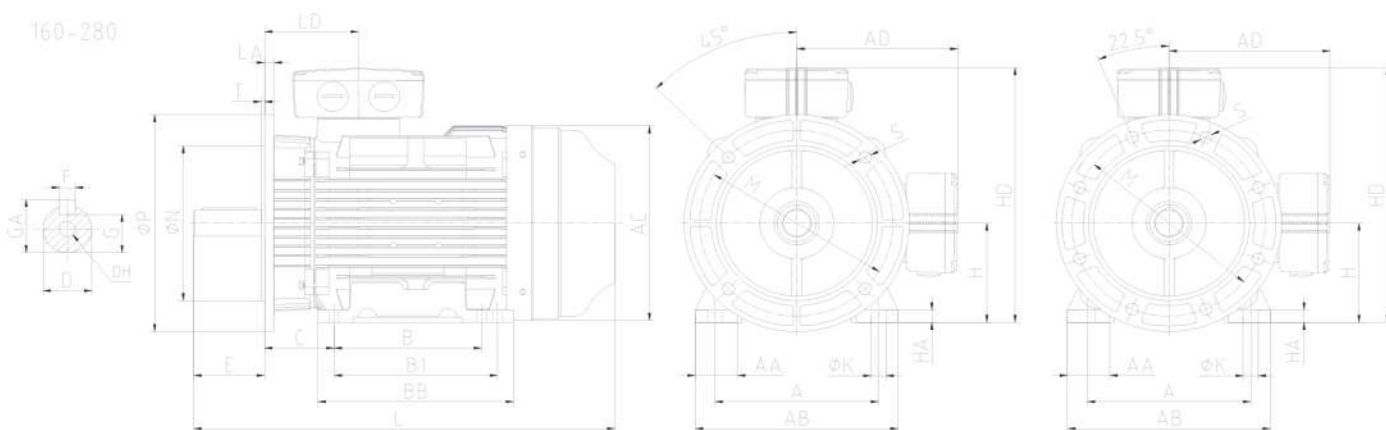
B5 外形安装尺寸图 MOUNTING AND OVERALL DIMENSIONS

Frame size	Mounting dimensions(mm)										Overall dimensions(mm)						
	D	E	F	G	M	N	P	S	T	DH	GA	AC	AD	HD	LA	LD	L
71	14	30	5	11	130	110	160	4- Φ 10	3.5	M5×13	16	137	107	187	9	66	247
90L	24	50	8	20	165	130	200	4- Φ 12	3.5	M8×20	27	175	141	241	10	87	324
112M	28	60	8	24	215	180	250	4- Φ 14.5	4	M10×22	31	222	167	292	12	85	381
132M	38	80	10	33	265	230	300	4- Φ 14.5	4	M12×28	41	260	191	343	14	129	463
160M	42	110	12	37	300	250	350	4- Φ 19	5	M16×36	45	314	244	419	15	146	610
160L	42	110	12	37	300	250	350	4- Φ 19	5	M16×36	45	314	244	419	15	146	654
180M	48	110	14	42.5	300	250	350	4- Φ 19	5	M16×36	51.5	355	264	439	15	161	684
180L	48	110	14	42.5	300	250	350	4- Φ 19	5	M16×36	51.5	355	264	439	15	161	722
200L	55	110	16	49	350	300	400	4- Φ 19	5	M20×42	59	397	296	496	17	186	774
225M	60	140	18	53	400	350	450	8- Φ 19	5	M20×42	64	445	319	544	20	189	846
250S,M	65	140	18	58	500	450	550	8- Φ 19	5	M20×42	69	484	370	645	22	208	911
280M	75	140	20	67.5	500	450	550	8- Φ 19	5	M20×42	79.5	546	400	675	22	217	1016

71-132

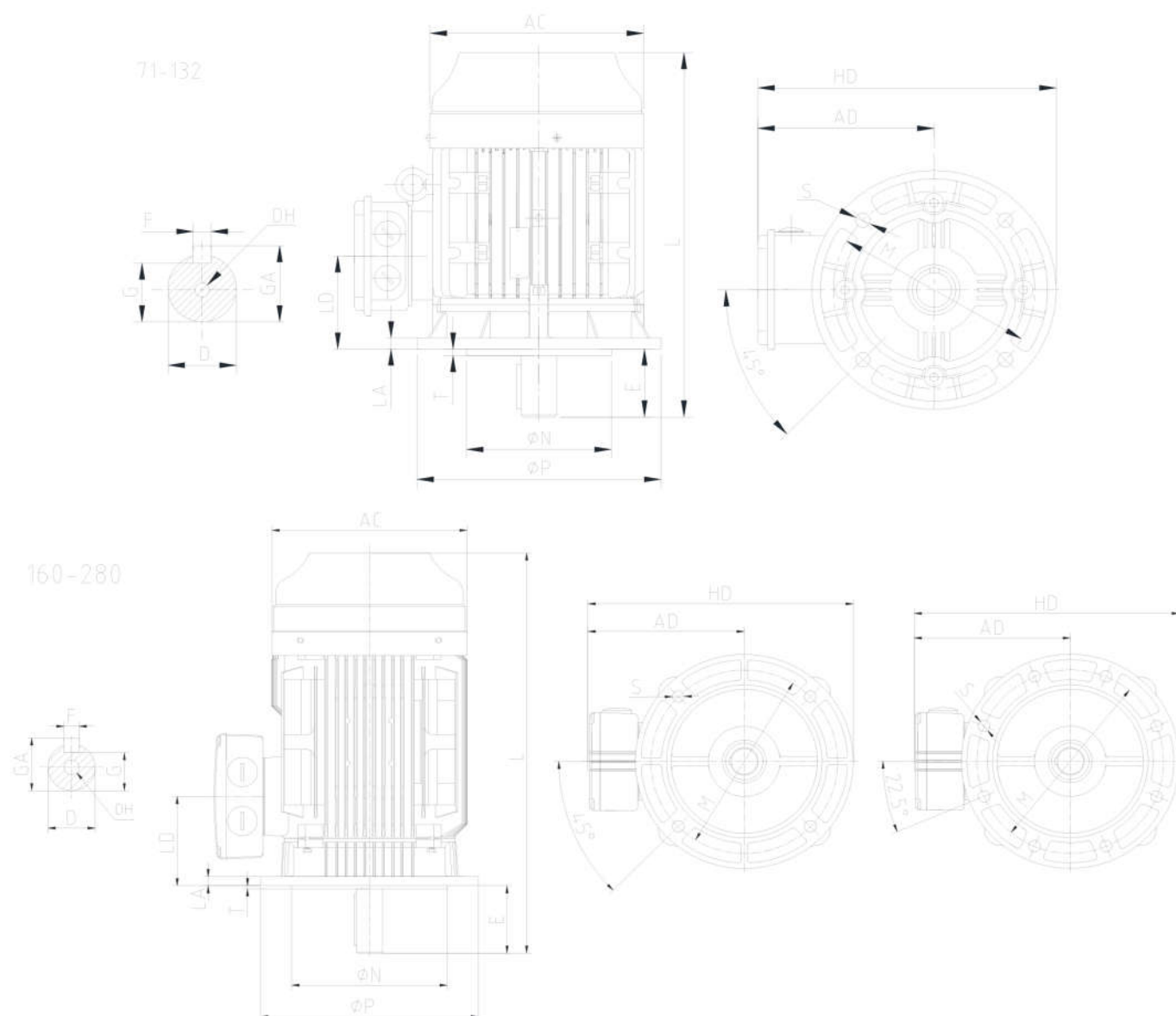


160-280



B35 外形安装尺寸图 MOUNTING AND OVERALL DIMENSIONS

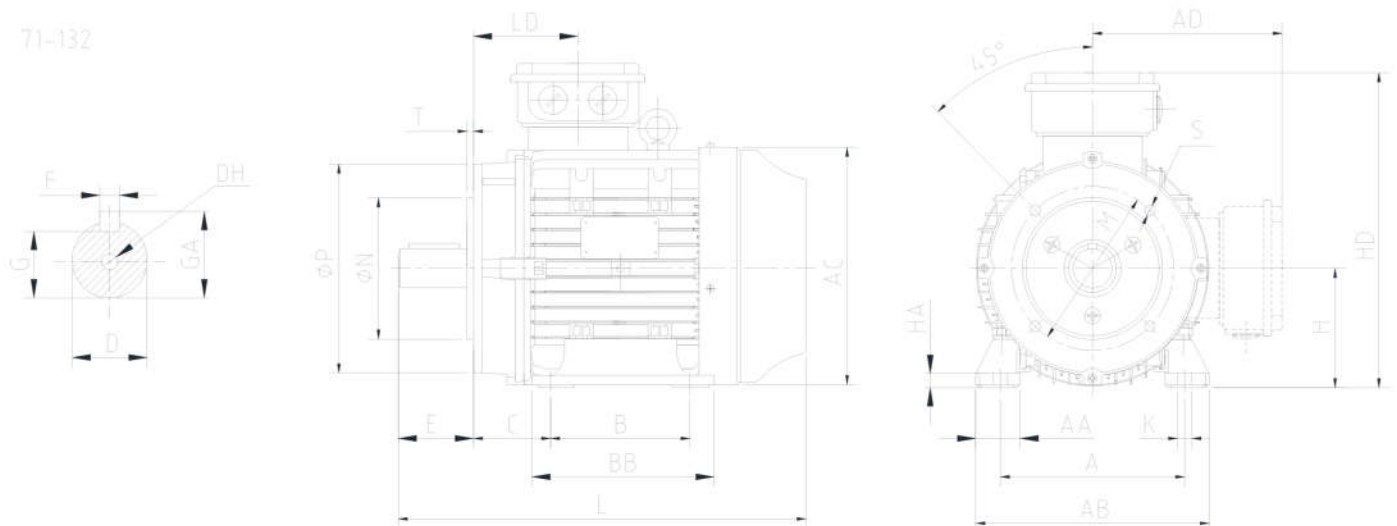
Frame size	Mounting dimensions(mm)																Overall dimensions(mm)											
	A	B	B1	C	D	E	F	G	H	K	M	N	P	S	T	DH	GA	AA	AB	AC	AD	HA	HD	BB	LA	LD	L	
71	112	90	/	45	14	30	5	11	71	7	130	110	160	4-Φ10	3.5	M5×13	16	28	136	137	107	10	178	110	9	66	247	
90L	140	125	/	56	24	50	8	20	90	10	165	130	200	4-Φ12	3.5	M8×20	27	37	180	175	141	10	231	153	10	87	324	
112M	190	140	/	70	28	60	8	24	112	12	215	180	250	4-Φ14.5	4	M10×22	31	47	230	222	167	12	279	170	12	85	381	
132M	216	178	/	89	38	80	10	33	132	12	265	230	300	4-Φ14.5	4	M12×28	41	54	264	260	191	15	323	210	14	129	463	
160M	254	210	/	108	42	110	12	37	160	15	300	250	350	4-Φ19	5	M16×36	45	64	315	314	244	20	404	260	15	146	610	
160L	254	254	/	108	42	110	12	37	160	15	300	250	350	4-Φ19	5	M16×36	45	64	315	314	244	20	404	304	15	146	654	
180M	279	241	/	121	48	110	14	42.5	180	15	300	250	350	4-Φ19	5	M16×36	51.5	68	351	355	264	22	444	311	15	161	684	
180L	279	279	/	121	48	110	14	42.5	180	15	300	250	350	4-Φ19	5	M16×36	51.5	68	351	355	264	22	444	349	15	161	722	
200L	318	305	/	133	55	110	16	49	200	19	350	300	400	4-Φ19	5	M20×42	59	70	388	397	296	25	496	369	17	186	774	
225M	356	311	/	149	60	140	18	53	225	19	400	350	450	8-Φ19	5	M20×42	64	79	430	445	319	28	544	386	20	189	846	
250S,M	406	311	349	168	65	140	18	58	250	24	500	450	550	8-Φ19	5	M20×42	69	97	484	484	370	32	620	445	22	208	911	
280M	457	419	/	190	75	140	20	67.5	280	24	500	450	550	8-Φ19	5	M20×42	79.5	85	542	546	400	35	680	536	22	217	1016	
315S	508	406	/	216	80	170	22	71	315	28	600	550	660	8-Φ24	6	M20×46	85	120	628	620	502	45	817	570	22	257	1231	
315M,L	508	457	508	216	80	170	22	71	315	28	600	550	660	8-Φ24	6	M20×46	85	120	628	620	502	45	817	680	22	257	1341	



V1外形安装尺寸图 MOUNTING AND OVERALL DIMENSIONS

Frame size	Mounting dimensions(mm)										Overall dimensions(mm)						
	D	E	F	G	M	N	P	S	T	DH	GA	AC	AD	HD	LA	LD	L
71	14	30	5	11	130	110	160	4-Φ10	3.5	M5×13	16	137	107	187	9	66	247
90L	24	50	8	20	165	130	200	4-Φ12	3.5	M8×20	27	175	141	241	10	87	324
112M	28	60	8	24	215	180	250	4-Φ14.5	4	M10×22	31	222	167	292	12	85	381
132M	38	80	10	33	265	230	300	4-Φ14.5	4	M12×28	41	260	191	343	14	129	463
160M	42	110	12	37	300	250	350	4-Φ19	5	M16×36	45	314	244	419	15	146	610
160L	42	110	12	37	300	250	350	4-Φ19	5	M16×36	45	314	244	419	15	146	654
180M	48	110	14	42.5	300	250	350	4-Φ19	5	M16×36	51.5	355	264	439	15	161	684
180L	48	110	14	42.5	300	250	350	4-Φ19	5	M16×36	51.5	355	264	439	15	161	722
200L	55	110	16	49	350	300	400	4-Φ19	5	M20×42	59	397	296	496	17	186	774
225M	60	140	18	53	400	350	450	8-Φ19	5	M20×42	64	445	319	544	20	189	846
250S,M	65	140	18	58	500	450	550	8-Φ19	5	M20×42	69	484	370	645	22	208	911
280M	75	140	20	67.5	500	450	550	8-Φ19	5	M20×42	79.5	546	400	675	22	217	1016
315S	80	170	22	71	600	550	660	8-Φ24	6	M20×46	85	620	502	832	22	257	1231
315M,L	80	170	22	71	600	550	660	8-Φ24	6	M20×46	85	620	502	832	22	257	1341

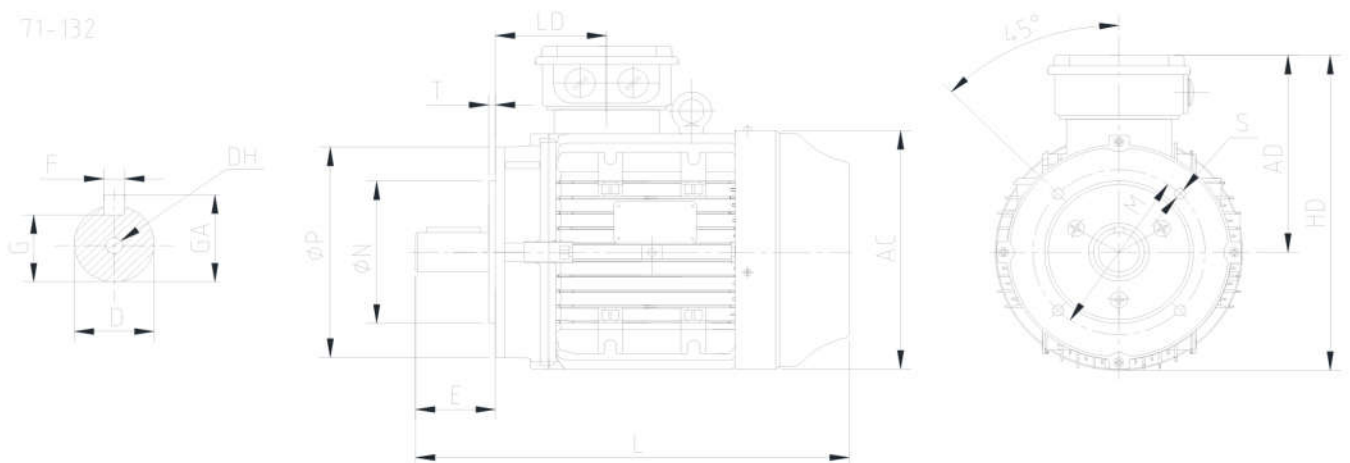
71-132



B34外形安装尺寸图 MOUNTING AND OVERALL DIMENSIONS

Frame size	Mounting dimensions(mm)															Overall dimensions(mm)									
	A	B	C	D	E	F	G	H	K	M	N	P	S	T	DH	GA	AA	AB	AC	AD	HA	HD	BB	LD	L
71	112	90	45	14	30	5	11	71	7	85	70	105	M6	2.5	M5×13	16	28	136	137	107	10	178	110	66	247
90L	140	125	56	24	50	8	20	90	10	115	95	140	M8	3	M8×20	27	37	180	175	141	10	231	153	87	324
112M	190	140	70	28	60	8	24	112	12	130	110	160	M8	3.5	M10×22	31	47	230	222	167	12	279	170	85	381
132M	216	178	89	38	80	10	33	132	12	165	130	220	M10	3.5	M12×28	41	54	264	260	191	15	323	210	129	463

71-132



B14 外形安装尺寸图 MOUNTING AND OVERALL DIMENSIONS

Frame size	Mounting dimensions(mm)										Overall dimensions(mm)					
	D	E	F	G	M	N	P	S	T	DH	GA	AC	AD	HD	LD	L
71	14	30	5	11	85	70	105	M6	2.5	M5×13	16	137	107	178	66	247
90L	24	50	8	20	115	95	140	M8	3	M8×20	27	175	141	231	87	324
112M	28	60	8	24	130	110	160	M8	3.5	M10×22	31	222	167	279	85	381
132M	38	80	10	33	165	130	220	M10	3.5	M12×28	41	260	191	323	129	463



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