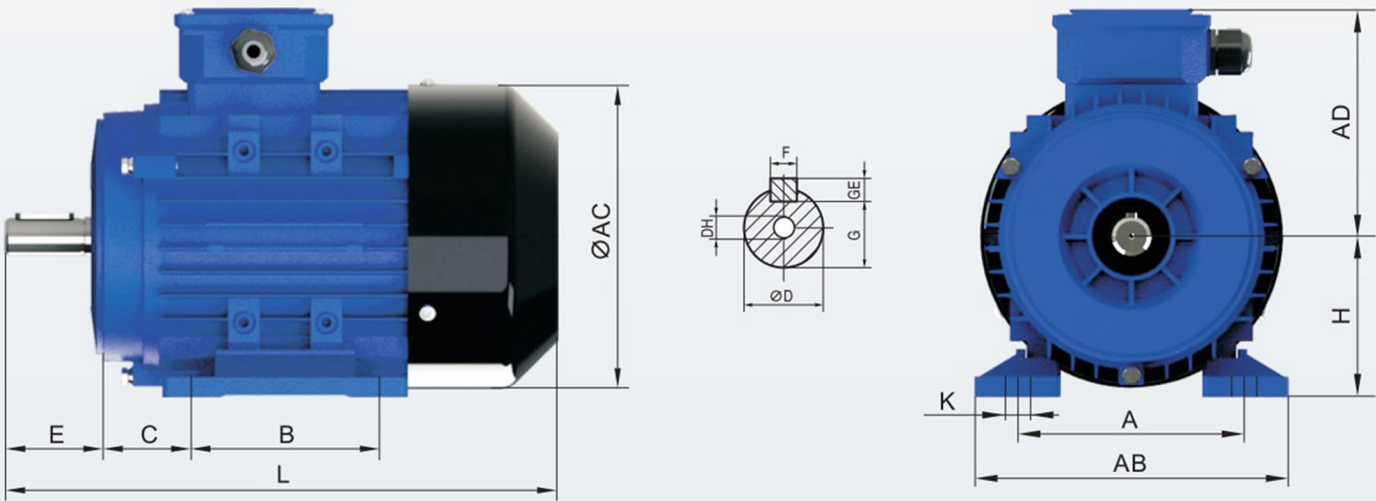




TECHNICAL DATA OF GOST HIGH EFFICIENCY THREE PHASE ASYNCHRONOUS MOTOR

Type	Rated Output		Speed r/min	Efficiency η %	Power Factor $\cos \phi$	Rated current A	Direct on line starting torque ratio	Direct on line pull out torque ratio	Direct on line starting current ratio	Noise LwdB(A)
	kW	HP				380V	Ts/Tn	Tmax/Tn	Is/In	
GOST-132M-4	11.0	15.0	1460	88.4	0.84	22.5	2.2	2.3	7.0	75
GOST-160S-4	15.0	20.0	1460	89.4	0.85	30.0	2.2	2.3	7.5	75
GOST-160M-4	18.5	25.0	1470	90.0	0.86	36.3	2.2	2.3	7.5	76
GOST-180S-4	22.0	30.0	1470	90.5	0.86	43.2	2.2	2.3	7.5	76
GOST-180M-4	30.0	40.0	1470	91.4	0.86	57.6	2.2	2.3	7.2	79
GOST-200M-4	37.0	50.0	1475	92.0	0.87	70.2	2.2	2.3	7.2	81
GOST-200L-4	45.0	60.0	1475	92.5	0.87	84.9	2.2	2.3	7.2	81
GOST-225M-4	55.0	75.0	1480	93.0	0.87	103.0	2.2	2.3	7.2	83
GOST-250S-4	75.0	100.0	1480	93.6	0.88	138.3	2.2	2.3	6.8	86
GOST-250M-4	90.0	125.0	1480	93.9	0.88	165.0	2.2	2.3	6.8	86
GOST-280S-4	110.0	150.0	1480	94.5	0.88	201.0	2.1	2.2	6.9	93
GOST-280M-4	132.0	180.0	1480	94.8	0.88	240.0	2.1	2.2	6.9	93
GOST-315S-4	160.0	220.0	1480	94.9	0.89	288.0	2.1	2.2	6.9	97
GOST-315M-4	200.0	270.0	1480	94.9	0.89	360.0	2.1	2.2	6.9	97
GOST-355S-4	250.0	340.0	1490	95.2	0.90	443.0	2.1	2.2	6.9	101
GOST-355M-4	315.0	430.0	1490	95.2	0.90	559.0	2.1	2.2	6.9	101
GOST-80A-6	0.75	1.0	905	69.0	0.72	2.29	2.0	2.1	5.3	57
GOST-80B-6	1.1	1.5	905	72.0	0.73	3.18	2.0	2.1	5.5	57
GOST-90L-6	1.5	2.0	920	76.0	0.75	4.00	2.0	2.1	5.5	61
GOST-100L-6	2.2	3.0	935	79.0	0.76	5.60	2.0	2.1	6.5	65
GOST-112MA-6	3.0	4.0	960	81.0	0.76	7.40	2.1	2.1	6.5	69
GOST-112MB-6	4.0	5.5	960	82.0	0.76	9.75	2.1	2.1	6.5	69
GOST-132S-6	5.5	7.5	960	84.0	0.77	12.9	2.1	2.1	6.5	69
GOST-132M-6	7.5	10.0	970	86.0	0.77	17.2	2.0	2.1	6.5	73
GOST-160S-6	11.0	15.0	970	87.5	0.78	24.5	2.0	2.1	6.5	73
GOST-160M-6	15.0	20.0	970	89.0	0.81	31.6	2.0	2.1	7.0	73
GOST-180M-6	18.5	25.0	980	90.0	0.81	38.6	2.1	2.1	7.0	76
GOST-200M-6	22.0	30.0	980	90.0	0.83	44.7	2.0	2.1	7.0	76
GOST-200L-6	30.0	40.0	980	91.5	0.84	59.3	2.0	2.1	7.0	76
GOST-225M-6	37.0	50.0	980	92.0	0.86	71.0	2.1	2.1	7.0	78
GOST-250S-6	45.0	60.0	980	92.5	0.86	86.0	2.1	2.0	7.0	80

IM B3



TYPE	POLES	L	H	C	P	N	E	T	D	G	F	DH	M	S	AD	AC	A	AB	B	K
80A	2 4 6	310	80	50	200	130	50	3.5	22	18.5	6	M6×1×25	165	4×12	145	158	125	165	100	10
80B	2 4 6	310	80	50	200	130	50	3.5	22	18.5	6	M6×1×25	165	4×12	145	158	125	165	100	10
90L	2 4 6	360	90	56	250	180	50	4	24	20	8	M8×1.25×25	215	4×15	155	177	140	180	125	10
100S	2 4	385	100	63	250	180	60	4	28	24	8	M8×1.25×35	215	4×15	180	198	160	205	112	12
100L	2 4 6	385	100	63	250	180	60	4	28	24	8	M8×1.25×35	215	4×15	180	198	160	205	140	12
112MA	4 6	435	112	70	300	230	80	4	32	27	10	M10×1.5×35	265	4×15	190	220	190	230	140	12
112MB	2 4 6 8	435	112	70	300	230	80	4	32	27	10	M10×1.5×35	265	4×15	190	220	190	230	140	12
132M	4 6 8	470	132	89	350	250	80	5	38	33	10	M12×1.75×40	300	4×19	210	259	216	270	140	12
160S	2 4 6	510	132	89	350	250	80	5	38	33	10	M12×1.75×40	300	4×19	210	259	216	270	178	12
160S	2	615	160	108	350	250	110	5	42	37	12	M16×2×40	300	4×19	255	315	254	320	178	15
160M	4 6 8	615	160	108	350	250	110	5	48	42.5	14	M16×2×40	300	4×19	225	315	254	320	178	15
160M	2	660	160	108	350	250	110	5	42	37	12	M16×2×40	300	4×19	255	315	254	320	210	15
180S	4 6 8	660	160	108	350	250	110	5	48	42.5	14	M16×2×40	300	4×19	255	315	254	320	210	15
180S	2	700	180	121	400	300	110	5	48	42.5	14	M16×2×45	350	4×19	280	355	279	355	203	15
180M	4 6 8	700	180	121	400	300	110	5	55	49	16	M16×2×45	350	4×19	280	355	279	355	203	15
180M	2	740	180	121	400	300	110	5	48	42.5	14	M16×2×45	350	4×19	280	355	279	355	241	15
180M	4 6 8	740	180	121	400	300	110	5	55	49	16	M16×2×45	350	4×19	280	355	279	355	241	15
200M	2	770	200	133	450	350	110	5	55	49	16	M18×2.5×50	400	4×19	305	397	318	395	267	19
200M	4 6 8	800	200	133	450	350	140	5	60	53	18	M18×2.5×50	400	4×19	305	397	318	395	267	19
200L	2	770	200	133	450	350	110	5	55	49	16	M18×2.5×50	400	4×19	305	397	318	395	305	19