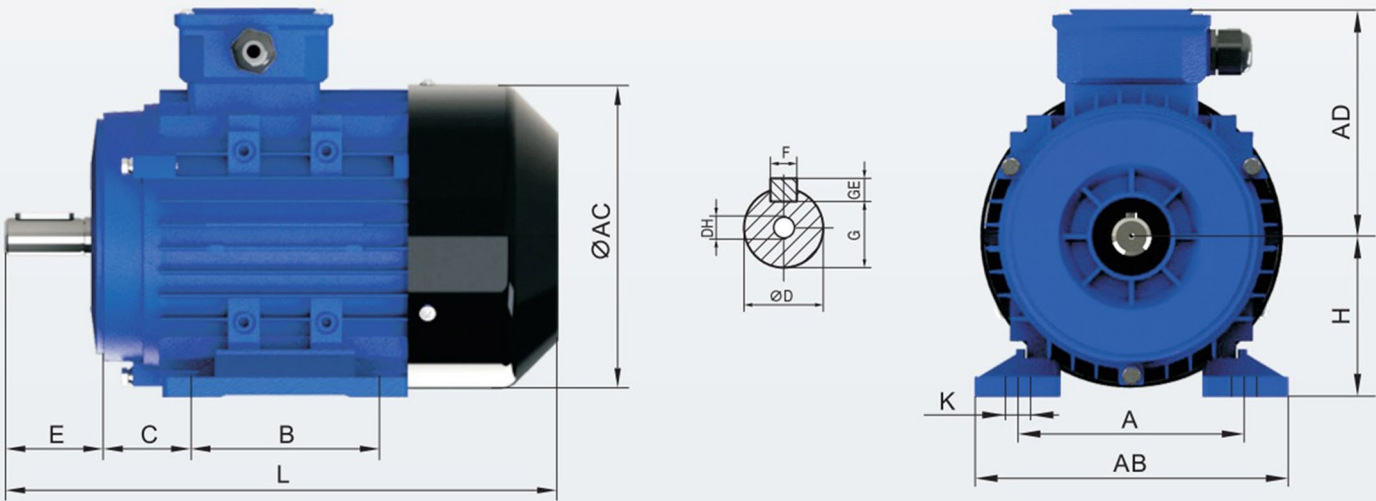




TECHNICAL DATA OF GOST HIGH EFFICIENCY THREE PHASE ASYNCHRONOUS MOTOR

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 Lw dB(A)
	kW	HP				380V	Ts/Tn	Tmax/Tn	Is/In	
GOST-80A-2	1.5	2.0	2850	78.5	0.84	3.46	2.2	2.3	7.0	72
GOST-80B-2	2.2	3.0	2855	81.0	0.85	4.85	2.2	2.3	7.0	72
GOST-90L-2	3.0	4.0	2860	82.6	0.87	6.34	2.2	2.3	7.5	76
GOST-100S-2	4.0	5.5	2880	84.2	0.88	8.20	2.2	2.3	7.5	77
GOST-100L-2	5.5	7.5	2900	85.7	0.88	11.1	2.2	2.3	7.5	80
GOST-112M-2	7.5	10.0	2895	87.0	0.88	14.9	2.2	2.3	7.5	80
GOST-132M-2	11.0	15.0	2900	88.4	0.89	21.2	2.2	2.3	7.5	86
GOST-160S-2	15.0	20.0	2930	89.4	0.89	28.6	2.2	2.3	7.5	86
GOST-160M-2	18.5	25.0	2930	90.0	0.90	34.7	2.2	2.3	7.5	86
GOST-180S-2	22.0	30.0	2940	90.5	0.90	41.0	2.0	2.3	7.5	89
GOST-180M-2	30.0	40.0	2950	91.4	0.90	55.4	2.0	2.3	7.5	92
GOST-200M-2	37.0	50.0	2950	92.0	0.90	67.9	2.0	2.3	7.5	92
GOST-200L-2	45.0	60.0	2960	92.5	0.90	82.1	2.0	2.3	7.5	92
GOST-225M-2	55.0	75.0	2970	93.0	0.90	100.0	2.0	2.3	7.5	93
GOST-250S-2	75.0	100.0	2975	93.6	0.90	135.0	2.0	2.3	7.0	94
GOST-250M-2	90.0	125.0	2975	93.9	0.91	160.0	2.0	2.3	7.1	94
GOST-280S-2	110.0	150.0	2975	94.0	0.91	195.0	1.8	2.2	7.1	96
GOST-280M-2	132.0	180.0	2975	94.5	0.91	233.0	1.8	2.2	7.1	96
GOST-315S-2	160.0	220.0	2975	94.6	0.92	279.0	1.8	2.2	7.1	99
GOST-315M-2	200.0	270.0	2975	94.8	0.92	348.0	1.8	2.2	7.1	99
GOST-355S-2	250.0	340.0	2980	95.2	0.92	433.0	1.6	2.2	7.1	103
GOST-355M-2	315.0	430.0	2980	95.4	0.92	545.0	1.6	2.2	7.1	103
GOST-80A-4	1.1	1.5	1390	76.2	0.77	2.85	2.3	2.3	6.0	61
GOST-80B-4	1.5	2.0	1400	78.5	0.78	3.72	2.3	2.3	6.0	61
GOST-90L-4	2.2	3.0	1410	80.0	0.81	5.09	2.3	2.3	7.0	64
GOST-100S-4	3.0	4.0	1410	82.6	0.82	6.78	2.3	2.3	7.0	64
GOST-100L-4	4.0	5.5	1435	84.2	0.82	8.8	2.3	2.3	7.0	65
GOST-112M-4	5.5	7.5	1440	85.7	0.83	11.7	2.3	2.3	7.0	71
GOST-132S-4	7.5	10.0	1450	87.0	0.84	15.6	2.3	2.3	7.0	71

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