

AIR серии

Трехфазный асинхронный двигатель

AIR Series

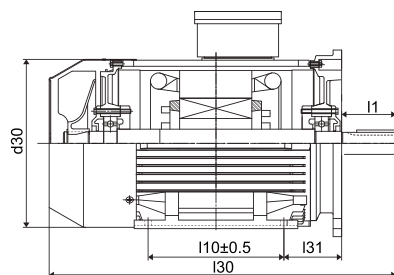
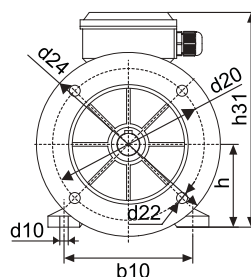
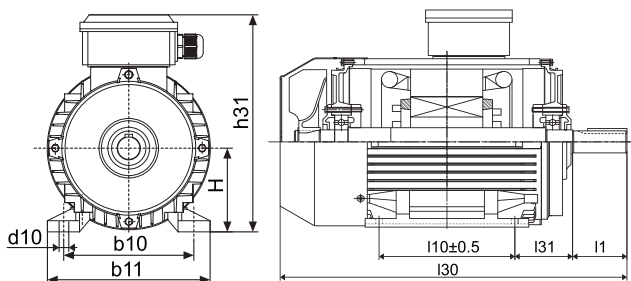
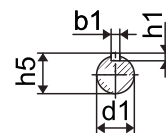
THREE PHASE Induction Motor

Features

Continuous duty $\pm 40^{\circ}\text{C}$ ambient temperature
Cast iron frames / optional aluminum frames
IP55 protection
Class F insulation
Long life ball bearings

ОСОБЕННОСТИ

Постоянной нагрузки $\pm 40^{\circ}$ Температура окружающей среды
Чугунные кадры / кадры алюминия
Степень защиты IP55
Класс изоляции F.
Длинные подшипники жизни



Габаритные размеры установки Overall Installation Dimension

кадр Frame	полюси Poles	ланax B3 Foot Mounting					вал Shaft					Большой фланец B5 Large Flange					общий General	
		h	b10	l10	l31	d10	d1	l1	b1	h1	h5	d25	d20	d24	d22	h31	l30	
50	2,4	50	80	63	32	ø5.8	ø9	20	3	2	10	ø80	ø100	ø120	4-ø7	130	178	
56	2,4	56	90	71	36	ø5.8	ø11	23	4	4	12.5	ø95	ø115	ø140	4-ø10	141	203	
63	2,4,6	63	100	80	40	ø7	ø14	30	5	5	16	ø110	ø130	ø160	4-ø10	154	227	
71	2,4,6,8	71	112	90	45	ø7	ø19	40	6	6	21.5	ø130	ø165	ø198	4-ø12	188	272.5	
80	2,4,6,8	80	125	100	50	ø10	ø22	50	6	6	24.5	ø130	ø165	ø198	4-ø12	204.5	290	
90L	2,4,6,8	90	140	125	56	ø10	ø24	50	8	7	27	ø180	ø215	ø250	4-ø15	220	350	
100S/L	2,4,6,8	100	160	112/140	63	ø12	ø28	60	8	7	31	ø180	ø215	ø250	4-ø15	245	388	
112M	2,4,6,8	112	190	140	70	ø12	ø32	80	10	8	35	ø230	ø265	ø300	4-ø15	290	430	
132S/M	2,4,6,8	132	216	140/178	89	ø12	ø38	80	10	8	41	ø250	ø300	ø350	4-ø19	330	467/505	
160S/M	2	160	254	178/210	108	ø15	ø42	110	12	8	45	ø250	ø300	ø350	4-ø19	402	605	
160S/M	4,6,8	160	254	178/210	108	ø15	ø48	110	14	9	51.5	ø250	ø300	ø350	4-ø19	402	605	
180S/M	2	180	279	203/241	121	ø15	ø48	110	14	9	52	ø300	ø350	ø400	4-ø19	439	687	
180S/M	4,6,8	180	279	203/241	121	ø15	ø55	110	16	10	59	ø300	ø350	ø400	4-ø19	439	687	
200M/L	2	200	318	267/305	133	ø19	ø55	110	16	10	59	ø350	ø400	ø450	4-ø19	497	768	
200M/L	4,6,8	200	318	267/305	133	ø19	ø60	140	18	11	64	ø350	ø400	ø450	4-ø19	497	798	
225M	2	225	356	311	149	ø19	ø55	110	16	10	59	ø450	ø500	ø550	8-ø19	553	809	
225M	4,6,8	225	356	311	149	ø19	ø65	140	18	11	69	ø450	ø500	ø550	8-ø19	553	839	
250S/M	2	250	406	311/349	168	ø24	ø65	140	18	11	69	ø450	ø500	ø550	8-ø19	616	918	
250S/M	4,6,8	250	406	311/349	168	ø24	ø75	140	20	12	80	ø450	ø500	ø550	8-ø19	616	918	
280S/M	2	280	457	368/419	190	ø24	ø70	140	20	12	74.5	ø550	ø600	ø660	8-ø24	668	984/1035	
280S/M	4,6,8,10	280	457	368/419	190	ø24	ø80	170	22	14	85	ø550	ø600	ø660	8-ø24	668	1014/1065	
315S/M	2	315	508	406/457	216	ø28	ø75	140	20	12	79.5	ø550	ø600	ø660	8-ø24	845	1185/1295	
315S/M	4,6,8,10,12	315	508	406/457	216	ø28	ø90	170	25	14	95	ø550	ø600	ø660	8-ø24	845	1215/1325	
355S/M	2	355	610	500/560	254	ø28	ø85	170	22	14	90.5	ø680	ø740	ø800	8-ø24	1010	1530	
355S/M	4,6,8,10,12	355	610	500/560	254	ø28	ø100	210	28	16	106	ø680	ø740	ø800	8-ø24	1010	1570	



Model	Output KW	HP	Voltage (V)	Current (A)	Speed (r.p.m)	Eff (%)	Power Factor	Start torque Rated torque	Start current Rated current	Max. torque Rated torque	Min. torque Rated torque	Noise (dBA)
2-Pole Synchronous 3000RPM 50Hz												
AIR71A2	0.75	1.0	380	1.80	2890	75.0	0.83	2.2	6.1	2.3	1.5	67
AIR71B2	1.1	1.5	380	2.60	2900	76.2	0.84	2.2	6.9	2.3	1.5	67
AIR80A2	1.5	2.0	380	3.40	2900	78.5	0.84	2.2	7.0	2.3	1.5	72
AIR80B2	2.2	3.0	380	4.80	2930	81.0	0.85	2.2	7.0	2.3	1.4	72
AIR90L2	3.0	4.0	380	6.30	2930	82.6	0.87	2.2	7.5	2.3	1.4	76
AIR100S2	4.0	5.5	380	8.10	2930	84.2	0.88	2.2	7.5	2.3	1.4	77
AIR100L2	5.5	7.5	380	11.0	2940	85.7	0.88	2.2	7.5	2.3	1.2	80
AIR112M2	7.5	10.0	380	15.0	2950	87.0	0.88	2.2	7.5	2.3	1.2	80
AIR132M2	11	15	380	21.3	2950	88.4	0.89	2.2	7.5	2.3	1.2	86
AIR160S2	15	20	380	28.7	2970	89.4	0.89	2.2	7.5	2.3	1.2	86
AIR160M2	18.5	25	380	34.6	2970	90.0	0.90	2.2	7.5	2.3	1.1	86
AIR180S2	22	30	380	40.9	2970	90.5	0.90	2.0	7.5	2.3	1.1	89
AIR180M2	30	40	380	55.4	2970	91.4	0.90	2.0	7.5	2.3	1.1	92
AIR200M2	37	50	380	67.7	2980	92.0	0.90	2.0	7.5	2.3	1.1	92
AIR200L2	45	60	380	82.3	2980	92.5	0.90	2.0	7.5	2.3	1.0	92
AIR225M2	55	75	380	101.0	2980	93.0	0.90	2.0	7.5	2.3	1.0	93
AIR250S2	75	100	380	134.0	2980	93.6	0.90	2.0	7.0	2.3	0.9	94
AIR250M2	90	125	380	160.0	2980	93.9	0.91	2.0	7.1	2.3	0.9	94
AIR280S2	110	150	380	195.0	2980	94.0	0.91	1.8	7.1	2.2	0.9	96
AIR280M2	132	180	380	233.0	2980	94.5	0.91	1.8	7.1	2.2	0.9	96
AIR315S2	160	220	380	279.0	2980	94.6	0.92	1.8	7.1	2.2	0.9	99
AIR315M2	200	270	380	348.0	2980	94.8	0.92	1.8	7.1	2.2	0.8	99
AIR355S2	250	340	380	433.0	2980	95.2	0.92	1.6	7.1	2.2	0.8	103
AIR355M2	315	430	380	544.0	2980	95.4	0.92	1.6	7.1	2.2	0.8	103
4-Pole Synchronous 1500RPM 50Hz												
AIR71A4	0.55	0.75	380	1.60	1400	71.0	0.75	2.4	5.2	2.3	1.7	58
AIR71B4	0.75	1.0	380	2.00	1400	73.0	0.76	2.3	6.0	2.3	1.6	58
AIR80A4	1.1	1.5	380	2.90	1400	76.2	0.77	2.3	6.0	2.3	1.6	61
AIR80B4	1.5	2.0	380	3.70	1400	78.5	0.78	2.3	6.0	2.3	1.6	61
AIR90L4	2.2	3.0	380	5.10	1420	81.0	0.81	2.3	7.0	2.3	1.5	64
AIR100S4	3.0	4.0	380	6.80	1420	82.6	0.82	2.3	7.0	2.3	1.5	64
AIR100L4	4.0	5.5	380	8.80	1440	84.2	0.82	2.3	7.0	2.3	1.5	65
AIR112M4	5.5	7.5	380	11.8	1440	85.7	0.83	2.3	7.0	2.3	1.4	71
AIR132S4	7.5	10	380	15.5	1440	87.0	0.84	2.3	7.0	2.3	1.4	71
AIR132M4	11	15	380	22.3	1460	88.4	0.84	2.2	7.0	2.3	1.4	75
AIR160S4	15	20	380	30.0	1460	89.4	0.85	2.2	7.5	2.3	1.4	75
AIR160M4	19	25	380	36.4	1470	90.0	0.86	2.2	7.5	2.3	1.2	76
AIR180S4	22	30	380	43.1	1470	90.5	0.86	2.2	7.5	2.3	1.2	76
AIR180M4	30	40	380	57.4	1470	91.4	0.86	2.2	7.2	2.3	1.2	79
AIR200M4	37	50	380	69.9	1480	92.0	0.87	2.2	7.2	2.3	1.2	81
AIR200L4	45	60	380	84.7	1480	92.5	0.87	2.2	7.2	2.3	1.1	81
AIR225M4	55	75	380	103	1480	93.0	0.87	2.2	7.2	2.3	1.1	83
AIR250S4	75	100	380	140	1480	93.6	0.88	2.2	6.8	2.3	1.0	86
AIR250M4	90	125	380	167	1490	93.9	0.88	2.2	6.8	2.3	1.0	86
AIR280S4	110	150	380	201	1490	94.5	0.88	2.1	6.9	2.2	1.0	93
AIR280M4	132	180	380	240	1490	94.8	0.88	2.1	6.9	2.2	1.0	93
AIR315S4	160	220	380	287	1490	94.9	0.89	2.1	6.9	2.2	1.0	97
AIR315M4	200	270	380	359	1490	94.9	0.89	2.1	6.9	2.2	0.9	97
AIR355S4	250	340	380	443	1485	95.2	0.90	2.1	6.9	2.2	0.9	101
AIR355M4	315	430	380	556	1485	95.2	0.90	2.1	6.9	2.2	0.8	101



GOST AIR series Three Phase Induction Motor

Model	Output KW	HP	Voltage (V)	Current (A)	Speed (r.p.m)	Eff (%)	Power Factor	Start torque Rated torque	Start current Rated current	Max. torque Rated torque	Min. torque Rated torque	Noise (dBA)
6-Pole Synchronous 1000RPM 50Hz												
AIR71A6	0.37	0.50	380	1.30	900	62.0	0.70	1.9	4.7	2.0	1.5	54
AIR71B6	0.55	0.75	380	1.80	900	65.0	0.72	1.9	4.7	2.1	1.5	54
AIR80A6	0.75	1.0	380	2.30	910	69.0	0.72	2.0	5.3	2.1	1.5	57
AIR80B6	1.1	1.5	380	3.20	910	72.0	0.73	2.0	5.5	2.1	1.3	57
AIR90L6	1.5	2.0	380	3.90	940	76.0	0.75	2.0	5.5	2.1	1.3	61
AIR100L6	2.2	3.0	380	5.60	940	79.0	0.76	2.0	6.5	2.1	1.3	65
AIR112MA6	3.0	4.0	380	7.40	960	81.0	0.76	2.1	6.5	2.1	1.3	69
AIR112MB6	4.0	5.5	380	9.70	960	82.0	0.76	2.1	6.5	2.1	1.3	69
AIR132S6	5.5	7.5	380	12.9	960	84.0	0.77	2.1	6.5	2.1	1.3	69
AIR132M6	7.5	10	380	16.5	970	86.0	0.77	2.0	6.5	2.1	1.3	73
AIR160S6	11	15	380	24.1	970	87.5	0.78	2.0	6.5	2.1	1.2	73
AIR160M6	15	20	380	31.5	970	89.0	0.81	2.0	7.0	2.1	1.2	73
AIR180M6	18.5	25	380	38.5	970	90.0	0.81	2.1	7.0	2.1	1.2	76
AIR200M6	22	30	380	44.6	970	90.0	0.83	2.0	7.0	2.1	1.2	76
AIR200L6	30	40	380	59.3	980	91.5	0.84	2.0	7.0	2.1	1.2	76
AIR225M6	37	50	380	71.0	980	92.0	0.86	2.1	7.0	2.1	1.2	78
AIR250S6	45	60	380	86.0	980	92.5	0.86	2.1	7.0	2.0	1.1	80
AIR250M6	55	75	380	105	980	92.8	0.86	2.1	7.0	2.0	1.1	80
AIR280S6	75	100	380	141	990	93.5	0.86	2.0	6.7	2.0	1.0	85
AIR280M6	90	125	380	169	990	93.8	0.86	2.0	6.7	2.0	1.0	85
AIR315S6	110	150	380	206	990	94.0	0.86	2.0	6.7	2.0	1.0	85
AIR315M6	132	180	380	244	990	94.2	0.87	2.0	6.7	2.0	1.0	85
AIR355S6	160	220	380	292	990	94.5	0.88	1.9	6.7	2.0	1.0	92
AIR355M6	200	270	380	365	990	94.5	0.88	1.9	6.7	2.0	0.9	92
8-Pole Synchronous 750RPM 50Hz												
AIR71B8	0.25	0.33	380	1.15	680	54.0	0.61	1.8	3.3	1.9	1.3	52
AIR80A8	0.37	0.50	380	1.50	680	62.0	0.61	1.8	4.0	1.9	1.3	56
AIR80B8	0.55	0.75	380	2.20	700	63.0	0.61	1.8	4.0	2.0	1.3	56
AIR90LA8	0.75	1.0	380	2.40	700	70.0	0.67	1.8	4.0	2.0	1.3	59
AIR90LB8	1.1	1.5	380	3.30	700	72.0	0.69	1.8	5.0	2.0	1.2	59
AIR100L8	1.5	2.2	380	4.50	700	74.0	0.70	1.8	5.0	2.0	1.2	61
AIR112MA8	2.2	3.0	380	6.00	710	79.0	0.71	1.8	6.0	2.0	1.2	64
AIR112MB8	3.0	4.0	380	7.90	710	80.0	0.73	1.8	6.0	2.0	1.2	64
AIR132S8	4.0	5.5	380	10.2	720	81.0	0.73	1.9	6.0	2.0	1.2	68
AIR132M8	5.5	7.5	380	13.6	720	83.0	0.74	1.9	6.0	2.0	1.2	68
AIR160S8	7.5	10	380	17.7	720	85.5	0.75	1.9	6.0	2.0	1.2	68
AIR160M8	11	15	380	25.1	730	87.5	0.75	2.0	6.5	2.0	1.1	70
AIR180M8	15	20	380	34.0	730	88.0	0.76	2.0	6.6	2.0	1.1	73
AIR200M8	18.5	25	380	40.6	730	90.0	0.76	1.9	6.6	2.0	1.1	73
AIR200L8	22	30	380	47.4	730	90.5	0.78	1.9	6.6	2.0	1.1	73
AIR225M8	30	40	380	64.0	740	91.0	0.79	1.9	6.6	2.0	1.1	75
AIR250S8	37	50	380	78.0	740	91.5	0.79	1.9	6.6	2.0	1.1	76
AIR250M8	45	60	380	94	740	92.0	0.79	1.9	6.6	2.0	1.0	76
AIR280S8	55	75	380	111	740	92.8	0.81	1.8	6.6	2.0	1.0	82
AIR280M8	75	100	380	151	740	93.5	0.81	1.8	6.2	2.0	0.9	82
AIR315S8	90	125	380	178	740	93.8	0.82	1.8	6.4	2.0	0.9	82
AIR315M8	110	150	380	217	740	94.0	0.82	1.8	6.4	2.0	0.9	82
AIR355S8	132	180	380	261	740	93.7	0.82	1.8	6.4	2.0	0.9	90
AIR355M8	160	220	380	313	740	94.2	0.82	1.8	6.4	2.0	0.9	90
10-Pole Synchronous 600RPM 50Hz												
AIR280M10	45	60	380	100	590	91.5	0.75	1.5	6.2	2.0	0.8	76
AIR315S10	55	75	380	121	590	92.0	0.75	1.5	6.2	2.0	0.8	82
AIR315M10	75	100	380	162	590	92.5	0.76	1.5	5.8	2.0	0.8	82
AIR355S10	90	120	380	191	590	93.0	0.77	1.5	5.9	2.0	0.8	82
AIR355M10	110	150	380	230	590	93.2	0.78	1.3	6.0	2.0	0.8	85