



Overall dimensions and mounting version electric motors series AIRE

Height	The Pole	A	B	C	D	E	F	G	H	K	P	N	M	S	T	AB	BB	AC	HD	L
63	2、 4	100	80	40	11	23	4	8.5	63	7	140	95	115	10	3	135	100	120	182	217
71	2、 4	80	80	45	14	30	5	11	71	7	160	110	130	10	3.5	150	112	135	190	250
80	2、 4	125	100	50	19	40	6	15.5	80	10	200	130	165	12	3.5	165	125	160	215	290
90S	2、 4	140	100	56	24	50	8	20	90	10	200	130	165	12	3.5	180	156	175	230	315
90L	2、 4	140	125	56	24	50	8	20	90	10	200	130	165	12	3.5	180	156	175	230	340
100L	2、 4	160	140	63	28	60	8	24	100	12	250	180	215	15	4	205	172	195	250	425

TECHNICAL CHARACTERISTICS OF ELECTRIC MOTORS AIPE

Type	Rated power kw	Revolutions per minute	Total load current at rated voltage (A)	Voltage (V)	Efficiency%	Cos φ	Mstart/Mn	Mmax/Mn	Istart/Mn	The maximum permissible sound power level (Lw)	Capacitor (μF / rev)	Capacitor (μF / rev)	The weight (kg)
AIPE 71L-2	0,37	2800	2.7	220	67	0,92	1.8	1.6	5.5	72	50/250	8/450	10
AIPE71L-2	0,55	2800	3,9	220	70	0,92	1.8	1.6	5.5	72	100/250	15/450	11
AIPE71L-4	0,25	1400	2	220	62	0,92	1.7	1.6	5.0	67	75/250	15/450	9
AIPE 71L-4	0,37	1400	2.8	220	65	0,92	1.7	1.6	5.0	67	75/250	15/450	10
AIPE 80L-2	0,75	2800	4.9	220	73	0,95	1.8	1.6	5.5	75	100/250	25/450	14
AIPE 80L-2	1.1	2800	7	220	75	0,95	1.8	1.6	5.5	75	100/250	30/450	15
AIPE 80L-4	0,55	1400	3,95	220	69	0,92	1.7	1.6	5.0	70	100/250	15/450	13
AIPE 80L-4	0,75	1400	5,05	220	71	0,95	1.7	1.6	5.0	70	100/250	25/450	14
AIPE 90L1-2	1.5	2800	9.4	220	76	0,95	1.8	1.6	5.5	78	200/250	40/450	22
AIPE 90L2-2	2.2	2800	13,7	220	77	0,95	1.7	1.6	5.5	78	300/250	50/450	24
AIPE 90L1-4	1.1	1400	7.3	220	72	0,95	1.7	1.6	5.0	73	150/250	30/450	21
AIPE 90L2-4	1.5	1400	9.7	220	74	0,95	1.7	1.6	5.0	73	200/250	40/450	23
AIPE 100L-2	3	2800	18,2	222	79	0,95	1.7	1.6	6.0	83	350/250	55/450	24
AIPE 100L1-4	2.2	1400	13.9	220	76	0,95	1.7	1.6	5.0	78	300/250	50/450	32
AIPE 100L2-4	3	1400	18,4	220	78	0,95	1.7	1.6	5.0	78	350/250	55/450	33

Size of bearings

Size, mm	Number of poles	Drive shaft end	Non-drive shaft end
63	2-4	6201-2RZ	6201-2RZ
71	2-4	6202-2RZ	6202-2RZ
80	2-4	6204-2RZ	6204-2RZ
90	2-6	6205-2RZ	6205-2RZ
100	2-6	6206-2RZ	6206-2RZ