

IMfinity® 3-phase induction motors - IE2 - IE3 - IE4 - Non IE Efficiency

IP55 Aluminium frame

Electrical and mechanical characteristics

IE2 - Powered by the mains

Type	Rated power P_n kW	Rated torque M_n N.m	Starting torque/ Rated torque M_d/M_n	Maximum torque/ Rated torque M_m/M_n	Starting current/ Rated current I_d/I_n	Moment of inertia J kg.m ²	Weight IM B3 kg	Noise LP db(A)	400V / 50Hz							
									Rated speed N_n min ⁻¹	Rated current I_n A	Efficiency IEC 60034-2-1 2014			Power factor		
											η 4/4	3/4	2/4	4/4	Cos ϕ 3/4	2/4
2 poles																
LSES 80L	0.75	2.5	3	3.2	6.4	0.00084	9.7	56	2850	1.6	80.60	81.50	80.00	0.85	0.78	0.66
LSES 80L	1.1	3.7	2.5	3.1	6.65	0.00095	9.8	57	2850	2.3	80.70	82.00	81.00	0.85	0.77	0.64
LSES 90SL	1.5	5	2.2	2.85	6.46	0.00201	14.4	63	2865	2.95	84.30	86.00	86.10	0.87	0.82	0.71
LSES 90L	1.8	6.05	2.95	3	7.37	0.00223	14.5	63	2885	3.65	82.50	84.70	85.00	0.86	0.81	0.70
LSES 90L	2.2	7.3	2.72	2.87	6	0.00223	15.6	64	2875	4.55	85.00	86.30	85.70	0.82	0.75	0.61
LSES 100L	3	10	4.35	3.9	7.95	0.00297	21.3	67	2855	5.9	85.30	86.35	85.73	0.86	0.79	0.67
LSES 100L	3.7	12.3	3	3.2	7.1	0.00364	24.6	67	2875	7.25	86.40	87.90	88.10	0.85	0.80	0.68
LSES 112M	4	13.3	3.35	3	7.4	0.00364	24.4	66	2875	7.9	86.00	87.50	87.60	0.85	0.79	0.68
LSES 112MG	5.5	18	2.35	3.15	7.65	0.00967	30.4	72	2920	10.5	87.70	88.40	87.70	0.86	0.81	0.70
LSES 132S	5.5	18	2.35	3.15	7.65	0.00967	35.6	72	2920	10.5	87.70	88.46	87.70	0.86	0.81	0.70
LSES 132SU	7.5	24.5	2.45	3.25	7.8	0.01207	42.7	71	2920	14.3	88.30	89.20	88.80	0.86	0.81	0.70
LSES 132M	9	29.3	2.05	2.85	6.6	0.01102	55.5	67	2935	16.8	90.70	91.50	91.40	0.85	0.80	0.71
LSES 132M	11	35.8	2.35	3.05	6.9	0.01263	55.5	71	2935	21.1	90.80	91.40	91.10	0.83	0.78	0.67
LSES 160MP	11	35.8	2.35	3.05	6.9	0.01263	65	71	2935	21.1	90.80	91.40	91.10	0.83	0.78	0.67
LSES 160MR	15	48.6	2.36	3.21	7.03	0.01506	76.5	73	2945	29.3	91.20	91.50	90.60	0.81	0.74	0.62
LSES 160L	18.5	60	2.7	3	8.13	0.049	100	69	2945	32.9	92.30	93.10	93.10	0.88	0.85	0.77
LSES 180MT	22	71.6	2.55	2.6	7.44	0.0554	100	68	2935	39.2	92.00	93.00	93.30	0.88	0.85	0.78
LSES 200LR	30	97.1	3.05	3.55	8.5	0.0929	158	74	2950	54.1	93.00	93.40	93.10	0.86	0.82	0.74
LSES 200L	37	120	1.95	2.75	6.45	0.2492	198	74	2950	67.4	94.30	94.70	94.40	0.84	0.80	0.70
LSES 225MT	45	146	2.25	3.3	7.3	0.1389	200	73	2945	81.7	93.50	94.10	94.10	0.85	0.81	0.73
LSES 250MZ	55	178	2.45	3.45	8	0.1754	234	72	2945	96	94.00	94.60	94.60	0.88	0.85	0.79
LSES 280SC	75	241	2.3	3.3	7.94	0.4092	350	79	2970	128	94.10	94.30	94.00	0.90	0.88	0.82
LSES 280MC	90	289	2.5	3.6	8.35	0.476	396	80	2972	153	94.30	94.60	94.30	0.90	0.87	0.82
LSES 315SN	110	353	2.56	3.11	7.96	0.5343	452	79	2976	187	95.30	95.20	94.30	0.89	0.86	0.79
LSES 315MP	132	423	2.25	3.2	7.68	0.5784	660	79	2974	227	95.20	95.20	94.60	0.88	0.86	0.80
LSES 315MP	160	513	2.2	3.3	7.65	1.2646	705	80	2978	275	95.40	95.50	93.90	0.88	0.86	0.80
LSES 315MP	200	642	2.15	3.5	7.78	1.3841	780	80	2974	343	95.60	95.80	95.50	0.88	0.86	0.80
4 poles																
LSES 80LG	0.75	4.95	1.95	2.8	5.85	0.00265	11.6	47	1445	1.7	81.30	81.90	80.50	0.78	0.70	0.57
LSES 80LG	0.9	5.95	1.92	2.52	6.25	0.00316	12.5	47	1445	1.95	82.30	83.40	82.60	0.80	0.72	0.50
LSES 90SL	1.1	7.3	1.9	2.65	6.05	0.00336	13.9	47	1440	2.35	82.40	84.00	83.80	0.82	0.74	0.61
LSES 90L	1.5	9.95	2.25	2.85	6.25	0.00418	16.2	47	1440	3.15	83.60	85.10	84.70	0.82	0.75	0.61
LSES 90LU	1.8	11.9	2.6	2.3	6.6	0.0045	18.6	47	1440	3.8	84.00	85.50	84.90	0.81	0.73	0.60
LSES 100L	2.2	14.5	2.52	3.07	6.6	0.00567	22.5	49	1450	4.6	85.60	86.60	86.00	0.81	0.74	0.60
LSES 100LR	3	19.9	2.75	3.15	6.7	0.00677	25.8	54	1440	6.25	85.50	86.80	86.60	0.81	0.73	0.60
LSES 112MU	4	26.4	2.2	2.95	6.24	0.01312	34.9	55	1445	7.85	87.40	89.00	89.40	0.84	0.79	0.69
LSES 132SU	5.5	36.1	2.65	3.05	7.1	0.01611	42.6	55	1456	11.2	88.50	89.50	89.20	0.80	0.73	0.60
LSES 132M	7.5	49.3	2.55	3.35	7.5	0.02286	52.1	60	1452	14.4	89.40	90.50	90.50	0.84	0.78	0.66
LSES 132M	9	58.9	2.8	3.55	7.95	0.02722	59.1	63	1458	17.2	90.00	91.00	91.00	0.84	0.78	0.67
LSES 160MR	11	71.9	3.1	3.7	8.4	0.03574	78	61	1460	20.9	90.60	91.50	91.30	0.84	0.78	0.66
LSES 160L	15	97.8	2.45	3.1	8.1	0.0712	90	60	1464	28.2	91.00	91.90	91.90	0.84	0.79	0.67
LSES 180MT	18.5	121	2.1	3.15	8.15	0.0844	100	58	1464	35.2	91.40	92.30	92.20	0.83	0.77	0.66
LSES 180LR	22	143	2.6	3.35	8.51	0.0956	108	60	1466	41.2	91.80	92.50	92.50	0.84	0.79	0.68
LSES 200LR	30	195	1.96	2.56	7.58	0.1563	166	64	1470	57.6	92.80	93.40	93.20	0.81	0.75	0.63
LSES 225ST	37	240	2.65	2.7	6.26	0.2294	205	64	1474	70.1	92.90	93.70	93.70	0.82	0.77	0.67
LSES 225MR	45	292	2.25	2.35	6.79	0.2885	230	70	1472	85.1	93.40	94.05	93.97	0.83	0.78	0.68
LSES 250ME	55	354	2.3	2.7	7.23	0.7793	350	69	1484	102	94.00	94.40	94.30	0.83	0.79	0.70
LSES 280SD	75	482	2.45	3.2	8.03	0.9595	428	69	1486	140	94.40	94.70	94.30	0.82	0.78	0.69
LSES 280MD	90	579	2.6	3.45	8.25	1.0799	470	68	1484	170	94.50	94.70	94.40	0.81	0.76	0.65
LSES 315SP	110	707	3.1	2.85	7.56	2.4322	630	76	1486	201	95.00	95.00	94.30	0.84	0.78	0.69
LSES 315MP	132	847	3.05	2.75	7.16	3.223	690	76	1486	239	95.00	95.10	94.60	0.84	0.80	0.70
LSES 315MP	160	1030	2.55	2.8	7.15	3.223	740	76	1486	293	95.00	95.10	94.60	0.83	0.78	0.67
LSES 315MR	200	1290	2.95	2.9	7.34	3.2324	820	76	1486	364	95.50	95.70	95.30	0.83	0.79	0.68
6 poles																
LSES 90SL	0.75	7.5	1.85	2.35	4.1	0.00338	14.8	43	952	2.05	76.90	77.10	73.40	0.68	0.58	0.44
LSES 90L	1.1	11.2	1.85	2.3	4.3	0.00437	17.7	53	940	2.8	79.20	80.70	79.70	0.71	0.62	0.49
LSES 100L	1.5	15.2	1.95	2.4	4.3	0.00602	24.7	53	945	3.9	80.60	81.80	80.60	0.69	0.60	0.47
LSES 112MG	2.2	21.9	2.05	2.4	5	0.01523	30.4	50	960	5.3	82.00	83.20	82.20	0.73	0.65	0.52
LSES 132S	3	29.8	2.35	2.65	5.25	0.01922	38.4	49	960	7.3	83.40	84.40	83.40	0.71	0.63	0.50
LSES 132M	4	39.6	2.15	2.6	5.63	0.02528	47.8	53	964	8.75	95.90	87.40	87.20	0.77	0.70	0.58
LSES 132M	5.5	54.4	2.55	2.75	5.8	0.03027	54	53	966	12.6	86.10	87.20	86.70	0.73	0.66	0.53
LSES 160M	7.5	73.5	1.7	2.7	5.4	0.09120	82	59	974	16.6	87.90	88.10	86.44	0.74	0.66	0.53
LSES 160LUR	11	108	1.9	2.65	5.9	0.13780	105	57	974	23.7	89.30	89.80	88.90	0.75	0.68	0.56
LSES 180L	15	147	2.6	2.9	7.28	0.20480	140	62	976	29.7	90.00	90.90	90.70	0.81	0.76	0.65
LSES 200LR	18.5	181	2.6	2.85	6.83	0.25380	165	62	974	36.8	90.80	91.80	91.90	0.80	0.75	0.65
LSES 200L	22	216	1.8	2.5	6.04	0.33000	200	62	974	42.6	90.90	92.00	92.30	0.82	0.79	0.71
LSES 225MR	30	293	2.85	3.15	7.58	0.39150	222	65	978	62.9	91.80	92.20	91.60	0.75	0.70	0.59
LSES 250ME	37	358	2.21	2.36	6.06	0.92340	310	64	986	67.9	92.50	93.00	92.90	0.85	0.81	0.72
LSES 280SC	45	437	2.21	2.51	6.43	1.12790	377	64	984	81.3	92.90	93.50	93.40	0.86	0.83	0.74
LSES 280MD	55	533	2.35	2.65	6.7	1.39950	444	59	986	100	93.30	93.80	93.60	0.85	0.81	0.72
LSES 315SP	75	723	2.95	2.55	7.4	2.89370	630	71	990	148	94.00	94.10	93.33	0.78	0.73	0.61
LSES 315MP	90	868	3.05	2.65	7.66	3.41270	700	75	990	174	94.50	94.50	93.70	0.79	0.74	0.64
LSES 315MR	110	1060	2.95	2.1	7.4	3.07760	770	73	990	209	94.80	95.00	94.50	0.80	0.76	0.66
LSES 315MR	132	1270	2.7	2.15	7.1	4.63310	860	76	990	252	95.00	95.20	94.82	0.80	0.76	0.6

IMfinity® 3-phase induction motors - IE2 - IE3 - IE4 - Non IE Efficiency

IP55 Aluminium frame

Electrical and mechanical characteristics

IE2 - Powered by the mains

IP55 ALUMINIUM MOTORS

Type	Rated power at 50Hz P _n kW	380V / 50Hz				415V / 50Hz				460V / 60Hz				
		Rated speed N _n min ⁻¹	Rated current I _n A	Efficiency η 4/4	Power factor Cos φ 4/4	Rated speed N _n min ⁻¹	Rated current I _n A	Efficiency η 4/4	Power factor Cos φ 4/4	Rated speed N _n min ⁻¹	Rated torque at 60Hz M _n Nm	Rated current I _n A	Efficiency η 4/4	Power factor Cos φ 4/4
2 poles														
LSES 80L	0.75	2830	1.65	79.80	0.87	2865	1.55	80.70	0.83	3475	2.06	1.35	82.50	0.83
LSES 80L	1.1	2825	2.4	79.60	0.87	2865	2.3	81.00	0.82	3475	3.02	2	83.20	0.82
LSES 90SL	1.5	2840	3.1	83.10	0.88	2880	2.9	85.00	0.85	3490	4.1	2.55	86.60	0.85
LSES 90L	1.8	2820	3.8	82.20	0.88	2860	3.55	83.30	0.85	3475	4.95	3.15	85.30	0.84
LSES 90L	2.2	2855	4.65	84.20	0.85	2885	4.55	85.30	0.79	3500	6	3.95	87.30	0.80
LSES 100L	3	2830	6.15	84.60	0.88	2875	5.85	85.84	0.83	-	-	-	-	-
LSES 100L	3.7	2860	7.55	85.50	0.87	2895	7.1	87.10	0.83	3500	10.1	6.3	88.60	0.83
LSES 112M	4	2845	8.05	85.80	0.88	2885	7.75	86.60	0.83	3500	10.9	6.8	88.00	0.84
LSES 112MG	5.5	2905	10.8	87.00	0.89	2930	10.5	88.20	0.83	3535	14.86	9.1	89.10	0.85
LSES 132S	5.5	2905	10.8	87.00	0.88	2930	10.5	88.20	0.83	3535	14.86	9.1	89.10	0.85
LSES 132SU	7.5	2905	14.5	88.10	0.89	2925	14.1	88.40	0.84	3535	20.26	12.4	89.50	0.85
LSES 132M	9	2925	17.5	90.00	0.87	2945	16.6	90.90	0.83	3550	24.2	14.7	91.60	0.84
LSES 132M	11	2930	21.5	90.40	0.86	2945	21	90.80	0.83	3550	29.6	18.1	91.90	0.83
LSES 160MP	11	2930	21.5	90.40	0.86	2945	21	90.80	0.83	3550	29.6	18.1	91.90	0.83
LSES 160MR	15	2935	29.5	91.00	0.85	2950	29.7	91.10	0.77	3558	40.26	25.2	92.20	0.81
LSES 160L	18.5	2935	34.5	91.60	0.89	2950	32.3	92.60	0.86	3554	49.7	28.7	93.10	0.87
LSES 180MT	22	2925	40.7	91.30	0.90	2945	38.1	92.40	0.87	3545	59.3	33.6	93.30	0.88
LSES 200LR	30	2945	56.1	92.50	0.88	2954	53	93.20	0.84	3558	80.5	47.1	93.30	0.86
LSES 200L	37	2945	68.8	93.90	0.87	2956	66.5	94.40	0.82	3560	99.2	58.4	94.60	0.84
LSES 225MT	45	2935	84.6	93.00	0.87	2950	80.5	93.60	0.83	3558	121	70.6	94.20	0.85
LSES 250MZ	55	2940	100	93.40	0.89	2954	93.7	94.20	0.87	3560	148	83.1	94.60	0.88
LSES 280SC	75	2964	135	93.90	0.90	2974	124	94.40	0.89	3574	200	111	94.10	0.90
LSES 280MC	90	2968	161	94.10	0.90	2972	149	94.40	0.89	3574	240	134	94.60	0.89
LSES 315SN	110	2974	195	95.10	0.90	2980	182	95.30	0.88	3578	294	164	94.80	0.89
LSES 315MP	132	2974	237	95.00	0.89	2984	221	95.30	0.87	3580	352	198	95.00	0.88
LSES 315MP	160	2974	287	95.20	0.89	2978	268	95.50	0.87	3580	427	240	95.20	0.88
LSES 315MP	200	2970	358	95.40	0.89	2980	337	95.70	0.86	3580	533	298	95.70	0.88
4 poles														
LSES 80LG	0.75	1435	1.75	80.10	0.82	1450	1.7	81.20	0.76	1754	4.1	1.5	83.30	0.75
LSES 80LG	0.9	1435	2	81.60	0.83	1450	1.95	82.60	0.78	1756	4.9	1.8	82.50	0.77
LSES 90SL	1.1	1430	2.4	81.40	0.85	1445	2.3	82.80	0.80	1752	6	2.05	85.30	0.79
LSES 90L	1.5	1430	3.25	82.80	0.85	1445	3.1	84.10	0.80	1754	8.17	2.75	86.00	0.79
LSES 90LU	1.8	1435	3.9	83.50	0.84	1450	3.75	84.50	0.79	1752	9.8	3.45	84.00	0.78
LSES 100L	2.2	1440	4.7	84.90	0.84	1454	4.5	86.00	0.79	1760	11.94	4.05	87.70	0.78
LSES 100LR	3	1430	6.35	85.50	0.84	1445	6.2	86.00	0.78	1752	16.35	5.5	87.90	0.78
LSES 112MU	4	1435	8.15	86.60	0.86	1450	7.65	88.20	0.83	1756	21.75	6.75	89.60	0.83
LSES 132SU	5.5	1450	11.4	87.90	0.83	1460	11.3	88.60	0.77	1764	29.77	9.5	91.10	0.80
LSES 132M	7.5	1445	14.8	88.70	0.87	1458	14.4	89.60	0.81	1762	40.65	12.6	91.10	0.82
LSES 132M	9	1450	17.6	89.40	0.87	1460	16.9	90.40	0.82	1764	48.72	15.2	91.90	0.83
LSES 160MR	11	1452	21.6	89.90	0.86	1462	20.8	91.00	0.81	1766	59.5	18.4	91.70	0.82
LSES 160L	15	1460	29.1	90.60	0.86	1468	28	91.30	0.82	1772	80.8	24.5	92.60	0.83
LSES 180MT	18.5	1460	36	91.20	0.86	1468	34.8	91.60	0.81	1770	99.8	30.4	93.00	0.82
LSES 180LR	22	1460	41.9	91.60	0.87	1468	41.2	91.80	0.81	1772	119	35.7	93.10	0.83
LSES 200LR	30	1466	58.6	92.40	0.84	1472	57.6	92.90	0.78	1776	161	50.1	93.90	0.80
LSES 225ST	37	1468	72.2	92.70	0.84	1478	69	93.20	0.80	1782	198	60.9	94.40	0.81
LSES 225MR	45	1466	86.2	93.10	0.85	1474	78.4	93.57	0.81	1776	242	72.5	94.39	0.82
LSES 250ME	55	1482	106	93.60	0.84	1486	99.2	94.20	0.82	1786	294	88.2	95.20	0.82
LSES 280SD	75	1484	144	94.00	0.84	1486	136	94.60	0.82	1788	401	121	94.70	0.82
LSES 280MD	90	1482	175	94.30	0.83	1488	167	94.50	0.79	1788	481	149	94.90	0.80
LSES 315SP	110	1486	208	94.80	0.85	1488	196	95.10	0.82	1788	587	175	95.40	0.83
LSES 315MP	132	1486	249	94.70	0.85	1488	235	95.00	0.82	1790	704	208	95.80	0.83
LSES 315MP	160	1484	301	94.90	0.85	1488	293	94.90	0.80	1790	854	257	95.20	0.82
LSES 315MR	200	1484	376	95.10	0.85	1488	360	95.40	0.81	1790	1067	318	95.80	0.82
6 poles														
LSES 90SL	0.75	945	2.05	76.80	0.72	956	2.1	77.00	0.68	1162	6.16	1.85	80.50	0.63
LSES 90L	1.1	930	2.9	78.10	0.74	945	2.85	79.50	0.67	-	-	-	-	-
LSES 100L	1.5	930	3.95	79.80	0.72	950	3.9	80.80	0.66	-	-	-	-	-
LSES 112MG	2.2	952	5.4	81.80	0.76	962	5.3	82.20	0.70	-	-	-	-	-
LSES 132S	3	954	7.4	83.30	0.74	964	7.35	83.60	0.68	-	-	-	-	-
LSES 132M	4	956	9.1	84.60	0.79	966	8.7	86.20	0.74	1170	32.65	7.7	88.20	0.74
LSES 132M	5.5	960	13	86.00	0.75	970	13	86.40	0.68	-	-	-	-	-
LSES 160M	7.5	970	16.7	87.60	0.78	976	16.8	87.70	0.71	1178	60.8	14.6	89.50	0.72
LSES 160LUR	11	970	24.1	88.80	0.78	978	23.4	89.50	0.73	1180	89.0	20.9	90.60	0.73
LSES 180L	15	972	30.6	89.70	0.83	978	29.2	90.40	0.79	1180	121	26.1	91.40	0.79
LSES 200LR	18.5	970	61.4	91.70	0.81	982	63.2	91.70	0.72	1178	150	31.9	92.10	0.79
LSES 200L	22	968	44.3	90.90	0.83	976	41.3	91.40	0.81	1178	178	37	92.20	0.81
LSES 225MR	30	984	70.1	92.20	0.87	988	66.9	92.70	0.83	-	-	-	-	-
LSES 250ME	37	984	70.1	92.20	0.87	988	66.9	92.70	0.83	-	-	-	-	-
LSES 280SC	45	982	84.8	92.70	0.87	986	79.1	93.10	0.85	1186	362	70.4	94.40	0.85
LSES 280MD	55	984	103	93.10	0.87	988	98	93.40	0.84	1190	441	85	95.20	0.85
LSES 315SP	75	990	152	93.90	0.80	992	146	94.30	0.76	1192	601	129	95.00	0.77
LSES 315MP	90	990	179	94.30	0.81	992	170	94.40	0.78	1192	721	152	95.00	0.78
LSES 315MR	110	988	216	94.50	0.82	992	206	95.10	0.78	1192	881	183	95.60	0.79
LSES 315MR	132	990	261	94.82	0.81	990	247	95.02	0.78	-	-	-	-	-

IMfinity® 3-phase induction motors - IE2 - IE3 - IE4 - Non IE Efficiency

IP55 Aluminium frame

Electrical and mechanical characteristics

IE2 - Powered by the drive

IP55 ALUMINIUM MOTORS

Type	400V / 50Hz				Rated torque M _n at S1 continuous duty					400V / 87Hz Δ				Maximum mechanical speed ¹
	Rated power	Rated speed	Rated current	Power factor	10Hz	17Hz	25Hz	50Hz	87Hz	Rated power	Rated speed	Rated current	Power factor	
	P _n kW	N _n min ⁻¹	I _n A	Cos φ 4/4	N.m	N.m	N.m	N.m	N.m	P _n kW	N _n min ⁻¹	I _n A	Cos φ 4/4	
2 poles														
LSES 80 L	0.75	2850	1.65	0.85	2.25	2.5	2.5	2.5	1.4	1.3	4936	2.9	0.85	13500
LSES 80 L	1.1	2850	2.48	0.85	3.15	3.7	3.7	3.7	2.1	1.9	4936	4.3	0.85	13500
LSES 90 SL	1.5	2865	3.21	0.87	4.25	5	5	5	2.9	2.6	4962	5.6	0.87	11700
LSES 90 L	2.2	2860	4.82	0.86	6.25	7.35	7.35	7.35	4.2	3.8	4954	8.4	0.86	11700
LSES 100 L	3	2855	6.23	0.86	8.5	10	10	10	5.8	5.2	4945	10.8	0.86	9900
LSES 112 M	4	2875	8.32	0.85	11.31	13.30	13.3	13.3	7.6	7.0	4980	14.5	0.85	9900
LSES 132 S	5.5	2920	11.09	0.86	15.3	18	18	18	10.3	9.6	5058	19.3	0.86	7600
LSES 132 SU	7.5	2920	15.08	0.86	20.8	23.3	24.5	24.5	14.1	13.1	5058	26.2	0.86	7600
LSES 132 M	9	2930	17.81	0.86	24.9	27.8	29.3	29.3	16.8	15.7	5075	31	0.86	6700
LSES 132 M	11	2935	21.89	0.83	30.4	34.0	35.8	35.8	20.6	19.1	5084	38.1	0.83	6700
LSES 160 MR	15	2935	29.68	0.85	41.5	46.4	48.8	48.8	28.1	26.1	5084	51.6	0.85	6700
LSES 160 L	18.5	2945	35.61	0.88	51	57	60	60	34.5	32.2	5101	62	0.88	6000
LSES 180 MT	22	2935	40.84	0.88	58.5	65.3	68.8	71.6	39.5	36.8	5084	71.1	0.88	5670
LSES 200 LR	30	2950	57.1	0.86	82.5	87.4	97	97	97	-	-	-	-	4500
LSES 200 L	37	2940	65.5	0.86	89	100	111	120	120	-	-	-	-	4500
LSES 225 MT	45	2945	79.8	0.85	108	121	135	146	146	-	-	-	-	4320
LSES 250 MZ	55	2945	93.9	0.88	131	147	164	178	178	-	-	-	-	4320
LSES 280 SC	75	2972	135	0.90	205	217	241	241	241	-	-	-	-	4320
LSES 280 MC	90	2972	162	0.90	246	260	289	289	289	-	-	-	-	4320
LSES 315 SN	110	2968	199	0.90	301	319	354	354	354	-	-	-	-	4320
LSES 315 MP	132	2978	238	0.88	338	381	423	423	423	-	-	-	-	3600
LSES 315 MP	160	2978	291	0.88	410	462	513	513	513	-	-	-	-	3600
LSES 315 MP	200	2974	319	0.88	453	510	567	642	642	-	-	-	-	3600
4 poles														
LSES 80 LG	0.75	1445	1.75	0.78	4.5	5	5	5	2.8	1.3	2503	3.1	0.78	11700
LSES 90 SL	1.1	1440	2.48	0.82	6.6	7.3	7.3	7.3	4.2	1.9	2494	4.3	0.82	11700
LSES 90 L	1.5	1440	3.31	0.82	9.0	10	10	10	5.7	2.6	2494	5.8	0.82	11700
LSES 100 L	2.2	1440	4.77	0.83	13.1	14.6	14.6	14.6	8.4	3.8	2494	8.3	0.83	9900
LSES 100 LR	3	1440	6.52	0.81	17.9	19.9	19.9	19.9	11.4	5.2	2494	11.3	0.81	9900
LSES 112 MU	4	1445	8.51	0.84	23.8	26.4	26.4	26.4	15.2	7	2503	14.8	0.84	9900
LSES 132 SU	5.5	1454	11.48	0.80	32.5	32.5	36.1	36.1	20.8	9.6	2515	20	0.80	7600
LSES 132 M	7.5	1452	15.08	0.84	44.4	44.4	49.3	49.3	28.3	13.1	2525	26.2	0.84	7600
LSES 132M	9	1458	17.81	0.84	53	53	58.9	58.9	33.9	15.7	2518	31	0.84	7600
LSES 160 MR	11	1460	21.89	0.84	61.1	68.3	71.9	71.9	41.3	19.1	2536	38.1	0.84	6000
LSES 160 L	15	1464	29.87	0.84	83.1	92.9	97.8	97.8	56.2	26.1	2529	52	0.84	7600
LSES 180 MT	18.5	1464	36.39	0.83	97	109	121	121	70	32.2	2539	63.3	0.83	4500
LSES 180 LR	22	1466	42.42	0.84	114	129	143	143	82	38.3	2536	73.8	0.84	5670
LSES 200 LR	30	1464	55.8	0.83	156	175	184	196	106	49	2536	97	0.83	4500
LSES 225 ST	37	1472	73.6	0.82	204	228	240	240	138	64.4	2550	128	0.82	4320
LSES 225 MR	45	1472	88.8	0.83	248	277	292	292	168	78.3	2550	155	0.83	4320
LSES 250 ME	55	1484	108	0.83	301	336	354	354	203	95.7	2570	188	0.83	4050
LSES 280 SD	75	1486	146	0.83	410	458	482	482	277	-	-	-	-	3420
LSES 280 MD	90	1484	176	0.81	492	550	579	579	333	-	-	-	-	3420
LSES 315 SP	110	1488	211	0.84	565	635	706	706	406	-	-	-	-	2700
LSES 315 MP	132	1486	250	0.85	678	763	848	848	487	-	-	-	-	2700
LSES 315 MP	160	1486	305	0.83	824	927	1030	1030	592	-	-	-	-	2700
LSES 315 MR	200	1486	356	0.83	978	1101	1223	1290	703	-	-	-	-	2700
6 poles														
LSES 90 SL	0.75	952	2.05	0.68	7.50	7.50	7.50	7.50	4.31	1.3	1649	3.6	0.68	11700
LSES 90 L	1.1	940	2.8	0.71	11.20	11.20	11.20	11.20	6.44	1.9	1628	5.1	0.71	11700
LSES 100 L	1.5	945	3.9	0.69	15.20	15.20	15.20	15.20	8.74	2.6	1637	6.9	0.69	9900
LSES 112 MG	2.2	960	5.3	0.73	21.90	21.90	21.90	21.90	12.59	3.8	1663	9.7	0.73	9900
LSES 132 S	3	960	7.3	0.71	29.80	29.80	29.80	29.80	17.13	5.2	1663	13	0.71	7600
LSES 132 M	4	964	8.8	0.77	39.60	39.60	39.60	39.60	22.76	7.0	1670	16.1	0.77	6700
LSES 132 M	5.5	966	12.6	0.73	54.40	54.40	54.40	54.40	31.26	9.6	1673	21.5	0.73	6700
LSES 160 M	7.5	974	16.6	0.74	73.50	73.50	73.50	73.50	42.24	13.1	1687	29.1	0.74	6000
LSES 160 LUR	11	974	23.7	0.75	102.60	108.00	108.00	108.00	62.07	19.1	1687	41.8	0.75	4500
LSES 180 L	15	976	29.6	0.81	117.60	132.30	147.00	147.00	84.48	26.1	1690	54.3	0.81	5670
LSES 200 LR	18.5	974	36.7	0.80	144.80	162.90	181.00	181.00	104.02	32.2	1687	68.2	0.80	4500
LSES 200 LR	22	974	42.5	0.82	172.80	194.40	216.00	216.00	124.14	38.3	1687	79.6	0.82	4500
LSES 225 MR	30	978	62.6	0.75	263.70	293.00	293.00	293.00	168.39	52.2	1694	110	0.75	4320
LSES 250 ME	37	982	67.6	0.85	322.20	358.00	358.00	358.00	205.75	64.4	1701	124	0.85	4050
LSES 280 SC	45	982	84.2	0.83	393.30	437.00	437.00	437.00	251.15	-	-	-	-	3420
LSES 280 MC	55	984	103	0.83	480.60	534.00	534.00	534.00	306.90	-	-	-	-	3420
LSES 315 SP	75	990	148	0.78	614.55	650.70	723.00	723.00	415.52	-	-	-	-	2700
LSES 315 MP	90	990	172	0.80	737.80	781.20	868.00	868.00	498.85	-	-	-	-	2700
LSES 315 MR	110	990	209	0.80	901.00	954.00	1060.00	1060.00	609.20	-	-	-	-	2700
LSES 315 MR	132	990	252	0.80	1079.50	1143.00	1270.00	1270.00	729.89	-	-	-	-	2700

(1) See Vibrations section on page 42

 Values given with a voltage drop of 30 V at the drive output