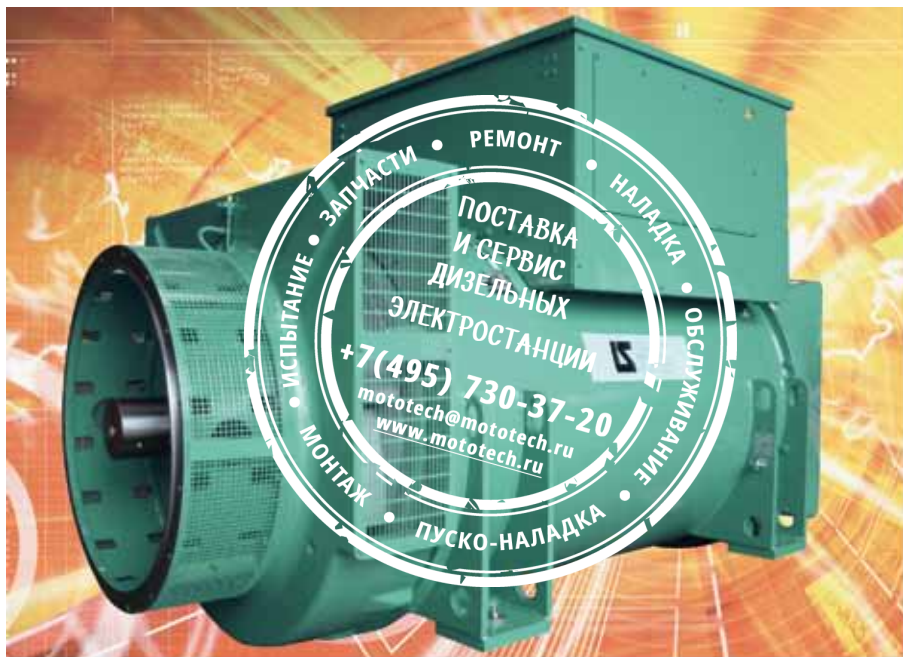




EMERSON™
Industrial Automation



Standard range Alternators LSA 52.2 - LSA 53.1 - LSA 54

Electrical and mechanical data

4728 en - 2012.07 / d

STANDARD RANGE LOW VOLTAGE RATING TABLE

4728 en - 07.2012 / d

Power ratings indicated in kVA

50Hz / 400 V								
Type	Excitation system		Term.	Voltage	Continuous 40°C		Std-by	Std-by
	AREP	PMG			cl. H / 125° K	cl. F / 105° K	cl. H / 40 °C	cl. H / 27 °C
LSA 51.2 S55	C6S/4	option	6	400	1860	1696	1972	2046
LSA 51.2 M60	C6S/4	option	6	400	2050	1870	2173	2255
LSA 51.2 L70	C6S/4	option	6	400	2200	2006	2332	2420
LSA 51.2 VL90	C6S/4	option	6	400	2360	2152	2502	2596
LSA 51.2 VL95	C6S/4	option	6	400	2500	2280	2650	2750
LSA 53.1 M70	C6S/4	option	6	400	2500	2280	2650	2750
LSA 53.1 M80	C6S/4	option	6	400	3000	2736	3180	3300
LSA 54 M75	C6S/4	option	6	400	3250	2964	3445	3575

60Hz / 480 V								
Type	Excitation system		Term.	Voltage	Continuous 40°C		Std-by	Std-by
	AREP	PMG			cl. H / 125° K	cl. F / 105° K	cl. H / 40 °C	cl. H / 27 °C
LSA 51.2 S55	C6S/4	option	6	480	2230	2034	2364	2453
LSA 51.2 M60	C6S/4	option	6	480	2460	2244	2608	2706
LSA 51.2 L70	C6S/4	option	6	480	2640	2408	2798	2904
LSA 51.2 VL90	C6S/4	option	6	480	2820	2572	2989	3102
LSA 51.2 VL95	C6S/4	option	6	480	3000	2736	3180	3300
LSA 53.1 M70 (*)	C6S/4	option	6	480	3000	2736	3180	3300
LSA 53.1 M80 (*)	C6S/4	option	6	480	3600	3283	3816	3960
LSA 54 M75	C6S/4	option	6	480	3900	3557	4134	4290

(*) double bearing configuration only

STANDARD RANGE

MEDIUM/HIGH VOLTAGE RATING TABLE

4728 en - 07.2012 / d

Power ratings indicated in kVA

50Hz / 6000 - 6600 V cl. H				Continuous 40°C			Std-by			Std-by		
Type	Excitation system		Term.	cl. H / 125° K			cl. H / 40 °C			cl. H / 27 °C		
	AREP	PMG		6000V	6300V	6600V	6000V	6300V	6600V	6000V	6300V	6600V
LSA 52.2 L45	MT1	option	6	1246	1312	1312	1320	1390	1390	1370	1443	1443
LSA 52.2 XL65	MT1	option	6	1596	1680	1680	1691	1780	1780	1755	1848	1848
LSA 52.2 XL80	MT1	option	6	1995	2100	2100	2114	2226	2226	2194	2310	2310
LSA 53.1 VL75 (*)	MT1	option	6	2415	2415	2415	2559	2559	2559	2656	2656	2656
LSA 53.1 VL85 (*)	MT1	option	6	2782	2782	2782	2948	2948	2948	3060	3060	3060
LSA 54 VL75	MT1	option	6	3150	3150	3150	3339	3339	3339	3465	3465	3465
LSA 54 VL90	MT1	option	6	3780	3780	3780	4006	4006	4006	4158	4158	4158

50Hz / 6000 - 6600 V cl. F				Continuous 40°C			Std-by			Std-by		
Type	Excitation system		Term.	cl. F / 105° K			cl. F / 40 °C			cl. F / 27 °C		
	AREP	PMG		6000V	6300V	6600V	6000V	6300V	6600V	6000V	6300V	6600V
LSA 52.2 L45	MT1	option	6	1187	1250	1250	1258	1325	1325	1305	1375	1375
LSA 52.2 XL65	MT1	option	6	1520	1600	1600	1611	1696	1696	1672	1760	1760
LSA 52.2 XL80	MT1	option	6	1900	2000	2000	2014	2120	2120	2090	2200	2200
LSA 53.1 VL75 (*)	MT1	option	6	2300	2300	2300	2438	2438	2438	2530	2530	2530
LSA 53.1 VL85 (*)	MT1	option	6	2650	2650	2650	2809	2809	2809	2915	2915	2915
LSA 54 VL75	MT1	option	6	3000	3000	3000	3180	3180	3180	3300	3300	3300
LSA 54 VL90	MT1	option	6	3600	3600	3600	3816	3816	3816	3960	3960	3960

50Hz / 10000 - 11000 V cl. H				Continuous 40°C			Std-by			Std-by		
Type	Excitation system		Term.	cl. H / 125° K			cl. H / 40 °C			cl. H / 27 °C		
	AREP	PMG		10000V	10500V	11000V	10000V	10500V	11000V	10000V	10500V	11000V
LSA 52.2 ZL60	HT1	option	6	1246	1312	1312	1320	1390	1390	1370	1443	1443
LSA 52.2 ZL70	HT1	option	6	1496	1575	1575	1585	1669	1669	1645	1732	1732
LSA 53.1 UL70 (*)	HT1	option	6	2044	2152	2152	2166	2281	2281	2248	2367	2367
LSA 53.1 UL85 (*)	HT1	option	6	2493	2625	2625	2642	2782	2782	2742	2887	2887
LSA 54 XL75	HT1	option	6	2892	3045	3045	3065	3227	3227	3181	3350	3350
LSA 54 XL85	HT1	option	6	3192	3360	3360	3383	3561	3561	3511	3696	3696
LSA 54 XL95	HT1	option	6	3640	3832	3832	3858	4061	4061	4004	4215	4215

50Hz / 10000 - 11000 V cl. F				Continuous 40°C			Std-by			Std-by		
Type	Excitation system		Term.	cl. F / 105° K			cl. F / 40 °C			cl. F / 27 °C		
	AREP	PMG		10000V	10500V	11000V	10000V	10500V	11000V	10000V	10500V	11000V
LSA 52.2 ZL60	HT1	option	6	1187	1250	1250	1258	1325	1325	1305	1375	1375
LSA 52.2 ZL70	HT1	option	6	1425	1500	1500	1510	1590	1590	1567	1650	1650
LSA 53.1 UL70 (*)	HT1	option	6	1947	2050	2050	2063	2173	2173	2141	2255	2255
LSA 53.1 UL85 (*)	HT1	option	6	2375	2500	2500	2517	2650	2650	2612	2750	2750
LSA 54 XL75	HT1	option	6	2755	2900	2900	2920	3074	3074	3030	3190	3190
LSA 54 XL85	HT1	option	6	3040	3200	3200	3222	3392	3392	3344	3520	3520
LSA 54 XL95	HT1	option	6	3467	3650	3650	3675	3869	3869	3813	4015	4015

(*) double bearing configuration only



Leroy-Somer Orléans