

- Over **30** YEARS of Supplying Southern Africa -

# BirCRAFT

GEARED MOTORS - LINEAR ACTUATORS & CONTROLLERS



Website: [www.bircraft.co.za](http://www.bircraft.co.za) Fax: 086 694 5806 E-mail: [01@bircraft.co.za](mailto:01@bircraft.co.za) International Tel. +27 11 468 1881 Fax. +27 11 468 1698  
National Sales: **0861 BIRCRAFT** National Sales: **086 124 7272 BEE Certified**

SHORT FORM SELECTION

## 12v / 24v DC Electric Motors (Permanent Magnets)



Type #	S Duty	IEC Frame	PN Wattage	n1 RPM	V Volts	I Amps	IC Class "F"	FF Factor	Mn Nm	IP Enclosure	Motor Ø OD mm	Shaft Ø OD mm	Kg	Spec pdf
EC020.120	S1		20	2670	12	3.1	F	1	0.07	IP20	42	5	0.4	pdf
	S2		28			4.3			0.10					
EC020.240	S1		22	3070	24	1.7	F	1	0.07	IP20	42	5	0.4	pdf
	S2		30			2.4			0.10					
EC070.120	S1	56	70	3000	12	8.4	F	1	0.22	IP44	65	9	1.7	pdf
	S2		100			11.8			0.31					
EC070.240	S1	56	70	3000	24	4.2	F	1	0.22	IP44	65	9	1.7	pdf
	S2		100			5.9			0.31					
EC100.120	S1	56	100	3000	12	12	F	1	0.31	IP44	80	9	2.7	pdf
	S2		140			18.8			0.43					
EC100.240	S1	56	100	3000	24	6	F	1	0.31	IP44	80	9	2.7	pdf
	S2		140			8.4			0.43					
EC180.120	S1	56	180	3000	12	21.5	F	1	0.57	IP44	80	9	3.4	pdf
	S2		250			30			0.80					
EC180.240	S1	56	180	3000	24	10.8	F	1	0.57	IP44	80	9	3.4	pdf
	S2		250			15			0.80					
EC350.120	S1	63	350	3000	12	42	F	1	1.12	IP44	110	11	5.1	pdf
	S2		500			58.8			1.57					
EC350.240	S1	63	350	3000	24	21	F	1	1.12	IP44	110	11	5.3	pdf
	S2		500			29.4			1.57					
EC600.120	S1	71	600	3000	12	71	F	1	1.91	IP44	110	14	6.6	pdf
	S2		800			94.4			1.54					
EC600.240	S1	71	600	3000	24	35.5	F	1	1.91	IP44	110	14	7.1	pdf
	S2		800			47.2			2.54					
LSN 0025	S1	56	60	3000	24	3.3	F	1.0	0.19	54	80	9	2.3	pdf
LSN 0026	S1	56	60	1800	24	3.4	F	1.0	0.32	54	80	9	2.8	pdf
LSN 0206	S1	63	180	3000	24	11	F	1.0	0.57	54	90	11	6	pdf
LSN 0207	S1	63	180	1800	24	10	F	1.0	0.96	54	90	11	4.2	pdf
LSN 065	S1	71	180	1800	24	11	F	1.0	0.96	54	135	14	6	pdf
LSN 066	S1	71	370	3000	24	20	F	1.0	1.18	54	135	14	4.2	pdf
LSN 067	S1	71	370	1800	24	20	F	1.0	1.96	54	135	14	9	pdf
LSN 455	S1	80	750	1800	24	39	F	1.0	3.98	44	152	19	23	pdf
LSN 456	S1	80	750	3000	24	40	F	1.0	2.38	44	152	19	15	pdf
LSN 457	S1	80	1100	3000	24	65	F	1.0	3.50	44	152	19	16	pdf
LSN 458	S1	80	1500	3000	24	78	F	1.0	4.78	44	152	19	20	pdf

**S1 - Continuous Duty**  
**S2 - Short time duty**

Motor works at a constant load for enough time to reach temperature equilibrium.  
Motor works at a constant load, but **NOT** long enough to reach temperature equilibrium and ensure the rest period are long enough for the motor to reach ambient temperature.

( SPECS FOR GUIDELINES ONLY )

