

- Over 30 YEARS Supplying Africa -

BirCraft

GEARED MOTORS - LINEAR ACTUATORS - CONTROLS



Website: www.bircraft.co.za Fax: 086 694 5806 E-mail: 01@bircraft.co.za International Tel. +27 11 468 1881 Fax: 011 468 1698
 National Sales: **0861 BIRCRAFT** National Sales: **086 124 7272** Cell: **074 465 1744**

BEE Certified

SHORT FORM SELECTION

DC Motor 460/360Vdc (Armature/Field) 4.7 Kw - 187Kw Blower Cooled - Thyristor Control



- Quality dc motors to 187kW available
- Custom motors to 550kW available.
- Designed for Full Thyristor Control variable speed drives.
 - Class 'H' Insulation.
- Stock motors are 'IP23' and are supplied as Force Ventilated IC06 with Blower.
 - A wide variety of options and special designs are also available.
- All motors are foot mounted IM1001.



Motor kW	Nominal rpm	Motor Frame/Type	Voltage Armature	Voltage Field	Current Armature	Current Field	Blower Type	Weight kg	Catalogue Number
4.7	1725	B132	460	360	12.7	0.55	LM3	118	D4204
6.9	1690	B132	460	360	18.3	0.97	LM3	126	D4206
11.4	1761	B132	460	360	28.7	1.03	LM3	166	D4211
18.5	1709	B160	460	360	46	1.32	LM3	315	D4318
29.4	1694	B180	460	360	71.7	1.95	LM4	341	D4429
33.6	1800	B180	460	360	81	2	LM4	414	D4433
40.3	1613	B200	460	360	97	1.88	LM6	417	D4540
50.7	1645	B200	460	360	122.6	1.88	LM6	417	D4550
74.6	1801	B200	460	360	175	2.37	LM6	448	D4574
93.2	1870	B225	460	360	216	2.2	LM6	487	D4693
112	1810	B225	460	360	260	2.3	LM6	487	D46112
149	1810	B225	460	360	346	2.2	LM9	503	D46150
187	1710	B250	460	360	427	3.38	LM9	935	D46187

NOTES:

Pole 'Stabilized Shunt Wound'. These motors must be de-rated by 5% if stabilized field not connected. Stabilized shunt motors should be connected as SHUNT ONLY when used with reversing controllers. Other motors are 4 Pole 'Straight Shunt Wound'.

OPTIONS:

- Tacho-generators and mounting adaptor kits
- Digital tacho-encoder
- Metric B5 Flange Kits (Drive End)

**MOTORS AVAILABLE ON REQUEST:
Shunt, Compound, Series Wound, NEMA
(USA) Frame & Custom Designed DC Motors**

(SPECS FOR GUIDELINES ONLY)



Member Mr. P Birkett

Company Reg # 1989/001275/23

VAT Reg # 4500121290