MOOG
SERVO DYNAMIC

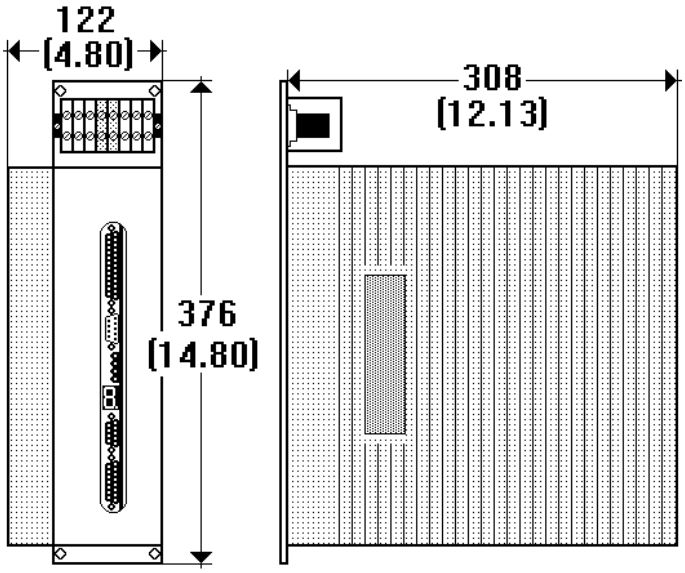
L151
DIGITAL CONVERTORS
for AC brushless servomotors

MOOG's L151 digital servodrives for sinusoidal brushless motors, are available in 6 sizes from 1,5 to 13 kW

No external components are required for installation, since every L151 convertor includes its own power supply and braking circuit with associated resistor.

Installation is simplified because all interconnection terminals are located on the front panel and the top of the L151 convertor.

Operating parameters are set by means of a personal computer connected to the L151 convertor programming port. Parameters are permanently saved in non volatile memory and can be recorded on disk for later use or for direct loading into other L151 convertors.



Dimensions in mm (inches)

GENERAL TECHNICAL DATA

- digital convertor, output: sinusoidal three phase current 0÷500 Hz, stand-alone, panel mounted, SMD technology,
- integral power supply and braking circuit and associated resistor
- AC input voltage: 220 VAC three phase,
- velocity or torque demand: ±10 V
- user parameter programming via serial port RS 232,
- diagnostics via numeric display on convertor front panel,
- incremental encoder simulation selectable up to 1024 PPR programmable zero pulse, differential output,
- galvanically isolated power stage,

Model	Cont. current (Arms)	Max current (Arms)	Max power (kW)
L151-001	2,1	4,2	1,5
L151-002	4,2	8,3	3
L151-003	5,9	11,8	4,3
L151-004	8,3	16,7	6
L151-005	10	20	7,3
L151-006	18	36	13

MOOG BRUSHLESS SINUSOIDAL MOTORS

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- AC input voltage: 220 VAC three phase,
- velocity or torque demand: ±10 V
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- galvanically isolated power stage,

Model from ... to	Flange side (☐ mm)	Cont. stall torque from ... to (Nm)	Cont. power from ... to (kW)
G422 L05...L40	55	0,25 ... 1,8	0,15 ... 0,9
G423 L05...L40	70	0,6 ... 4	0,46 ... 1,4
G424 L05...L60	100	1,3 ... 13	0,65 ... 3,1
G425 L10...L50	140	5,8 ... 28	2,6 ... 5,5
G426 L15...L90	190	14 ... 70	5 ... 8,4

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France	Rungis	Philippines	Baguio		