

'F' SERIES Frame 600

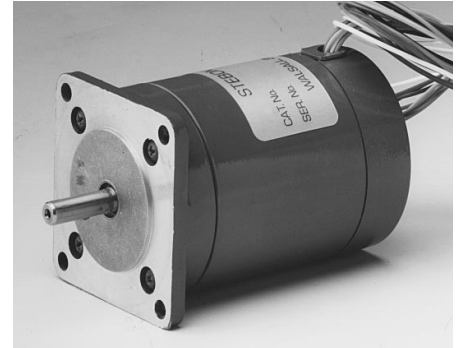
Frame Reference FDL600

Motors manufactured to STEBON 'FDL' Series frame 600 are available only as:

- o The common flying lead design with 8 leads out and manufactured to IP22 rating.

Specification

- o Hybrid design.
- o 1.8° Step angle (200 steps per rev).
- o 4-phase bifilar winding.
- o Class B insulation to IEC 60085 and BS2757.
- o NEMA Size 23.
- o Bearing loading, axial, 70N max.
- o Bearing loading, radial, 120N max.

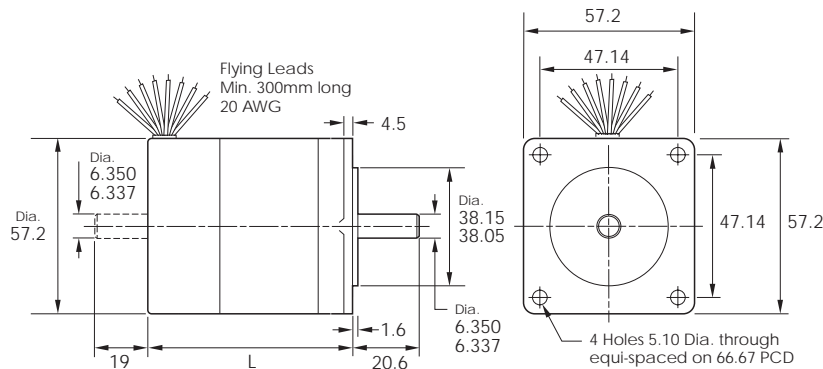


Ratings

Frame reference	Maximum Holding Torque Ncm	Maximum Detent Torque Ncm	Unipolar Amps per phase Amps	Resistance per phase Ohms	Inductance per phase mH	Rotor Inertia kgcm ²	Weight kg
FDL601-1500-15	25	2.5	1.5	1.50	1.5	0.06	0.34
FDL602-5000-10	52	3.5	1.0	5.00	8.0	0.12	0.50
FDL602-1100-21	52	3.5	2.1	1.10	1.7	0.12	0.50
FDL602-250-45	52	3.5	4.5	0.25	0.5	0.12	0.50
FDL603-3400-16	87	7.0	1.6	2.60	4.7	0.20	0.70
FDL603-2200-19	87	7.0	1.9	1.80	3.3	0.20	0.70
FDL603-370-47	87	7.0	4.7	0.33	0.5	0.20	0.70
FDL604-1100-29	111	10.0	2.9	1.20	2.4	0.33	1.20
FDL604-480-46	111	10.0	4.6	0.50	0.9	0.33	1.20

Dimensions (mm)

FDL



Frame size	L (IP22)
FDL601	40
FDL602	52
FDL603	67
FDL604	103

Note: FDL motors are available with the non-drive end shaft extension shown -----