

# COMPACT SERVO POWER PACKS

***Brushless Motor, Encoder, Gear  
and Driver Assemblies.***

***Compact and Powerful***

***Zero-Backlash***

***No Cogging***



| Model          | Motor Frame [mm] | Axial Length [mm]  | Gear Ratio | Rated Torque [Nm] | Peak Torque [Nm] | Rated Current [Arms] | Max. output speed [rpm] | Output Torque Constant [Nm/A] |
|----------------|------------------|--------------------|------------|-------------------|------------------|----------------------|-------------------------|-------------------------------|
| SPP -14-50 -01 | 50               | 66                 | 50:1       | 2.9               | 10               | 2                    | 116                     | 1.5                           |
| SPP-14-100-01  | 50               | 66                 | 100:1      | 5.8               | 18               | 2.1                  | 61                      | 2.8                           |
| SPP -17-50 -01 | 75               | 70                 | 50:1       | 7.9               | 27               | 5                    | 105                     | 1.6                           |
| SPP-17-100-01  | 75               | 70                 | 100:1      | 15.7              | 55               | 5                    | 52                      | 3.1                           |
| SPP -20-50 -01 | 100              | 100 <sup>(1)</sup> | 50:1       | 30                | 105              | 6                    | 38                      | 4.9                           |
| SPP -20-80 -01 | 100              | 100 <sup>(1)</sup> | 80:1       | 47                | 120              | 6.5                  | 23                      | 7.3                           |
| SPP-20-100-01  | 100              | 100 <sup>(1)</sup> | 100:1      | 59                | 120              | 7.5                  | 22                      | 8                             |

- (1) Axial length with Integral Driver.
- (2) All data given at 28V.
- (3) 4,096 ppr encoder included as standard. Other options available.
- (4) Harmonic Drive Gearboxes with Zero Backlash
- (5) 200V, 300V, 400V versions available

