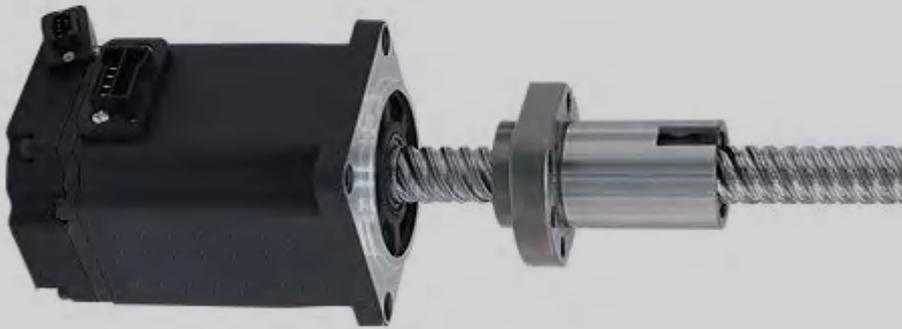


PLSC40 BALL SCREW LINEAR DC SERVO MOTOR



Rated Speed

3000rpm

Rated Power

50/100W

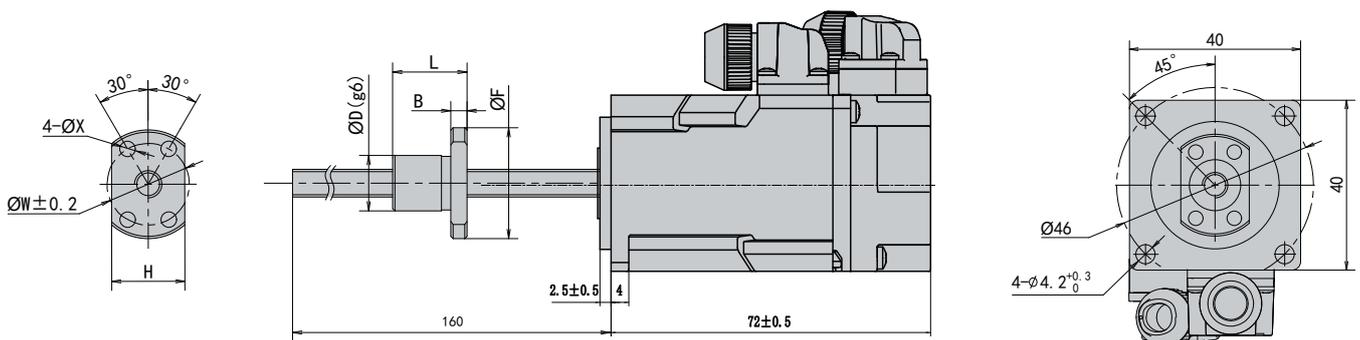
Rated Torque

0.16/0.32N.m

Electrical Specifications

| Model | PLSC40-485030E-080116S | PLSC40-481030E-080116S |
|----------------------|--|------------------------|
| Number of Phase | 3 | |
| Number of Pole Pairs | 5 | |
| Rated Voltage(VDC) | 48 | |
| Rated Speed(Rpm) | 3000 | |
| Rated Torque(N.m) | 0.16 | 0.32 |
| Rated Power(W) | 50 | 100 |
| Rated Current(A) | 1.6 | 3.2 |
| Length(mm) | 58 | 78 |
| Encoder Resolution | 2500CPR/ Single-turn absolute value 17 bits/ Multi-turn absolute value 17 bits | |

Dimensions(Unit: mm)



Ball screw Specifications

| Ball Screw Model | Ball Screw Dia. | Ball Screw | Ball Size | Number of Corcuit | Rated Load | | Nut Dimension | | | | | | |
|------------------|-----------------|------------|-----------|-------------------|-----------------|----------------|---------------|----|-----|----|----|----|-----|
| | | | | | Dynamic load(N) | Static load(N) | D | F | B | L | W | H | X |
| 0801 | d | P | ΦDa | n | 650 | 1300 | 14 | 27 | 3.5 | 16 | 21 | 18 | 3.4 |
| 0802 | 8 | 2 | Φ1.2 | 3 | 1300 | 2300 | 14 | 27 | 4 | 16 | 21 | 18 | 3.4 |
| 0802.5 | 8 | 2.5 | Φ1.2 | 3 | 1345 | 2694 | 16 | 29 | 4 | 26 | 23 | 20 | 3.4 |
| 0804 | 8 | 4 | Φ1.5875 | 3 | 1714 | 3480 | 18 | 31 | 4 | 28 | 27 | 20 | 3.4 |
| 0805 | 8 | 5 | Φ1.5875 | 3 | 1700 | 3458 | 18 | 31 | 4 | 28 | 27 | 20 | 3.4 |