

# 56JXE300K/57DMW95

56mm OD Planetary Gearbox,  
Permissible Load Range: 3N.m~30N.m



## BRUSHLESS MOTOR SPECIFICATION

| TYPE         | Number of poles | Number of phase | Rated voltage | No-load speed | Rated speed | Rated torque | Rated power | Peak torque | Peak current |
|--------------|-----------------|-----------------|---------------|---------------|-------------|--------------|-------------|-------------|--------------|
|              |                 |                 | VDC           | r/min         | r/min       | N.m          | W           | N.m         | A            |
| 57DMW95-2420 | 4               | 3               | 24            | 3000          | 2000        | 0.32         | 70          | 0.96        | 12           |

## BRUSHLESS GEAR MOTOR SPECIFICATION

|                       |       |      |      |      |      |      |      |      |      |      |      |
|-----------------------|-------|------|------|------|------|------|------|------|------|------|------|
| Reduction ratio       |       | 3.6  | 4.25 | 13   | 15   | 18   | 23   | 47   | 55   | 65   | 77   |
| Number of gear trains |       | 1    | 1    | 2    | 2    | 2    | 2    | 3    | 3    | 3    | 3    |
| Length(L)             | mm    | 37.8 | 37.8 | 49.5 | 49.5 | 49.5 | 49.5 | 60.8 | 60.8 | 60.8 | 60.8 |
| No-load speed         | r/min | 833  | 706  | 231  | 200  | 167  | 130  | 64   | 55   | 46   | 39   |
| Rated speed           | r/min | 556  | 471  | 154  | 133  | 111  | 87   | 43   | 36   | 31   | 26   |
| Rated torque          | N.m   | 1.0  | 1.2  | 3.4  | 3.9  | 4.7  | 6.0  | 11   | 13   | 15   | 18   |
| Peak torque           | N.m   | 9    | 9    | 36   | 36   | 36   | 36   | 72   | 72   | 72   | 72   |

## DIMENSIONS

