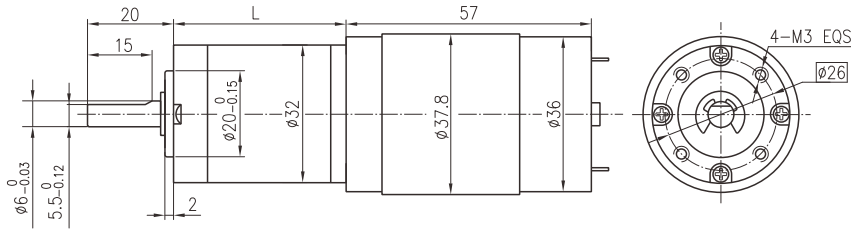


# 32JXE30K/36ZY57P

32mm OD Planetary Gearbox,  
Permissible Load Range: 0.3N.m~3.0N.m

Standard output shaft OD 6mm, OD 8mm optional.

## ● Dimensions



## ● Motor Technical Data

| Type         | Rated voltage VDC | No-load speed r/min | No-load current mA | Rated speed r/min | Rated torque mN.m | Output power W | Rated current A | Stall torque mN.m | Stall current A |
|--------------|-------------------|---------------------|--------------------|-------------------|-------------------|----------------|-----------------|-------------------|-----------------|
| 36ZY57P-1260 | 12                | 6000                | 260                | 5000              | 25                | 13.1           | 1.6             | 75                | 4.8             |
| 36ZY57P-2460 | 24                | 6000                | 130                | 5000              | 26                | 13.5           | 0.8             | 78                | 2.4             |

## ● Gear Motor Technical Data

36ZY57P-1260 DC Motor

| Reduction ratio                           | 3.7   | 5.2  | 14   | 19   | 27   | 51   | 71   | 100  | 115  | 139  | 181  | 219  | 254  | 306  | 354  |
|-------------------------------------------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Number of gear trains                     | 1     | 1    | 2    | 2    | 2    | 3    | 3    | 3    | 3    | 3    | 4    | 4    | 4    | 4    | 4    |
| Length(L) mm                              | 26.5  | 26.5 | 33.6 | 33.6 | 33.6 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 |
| No-load speed r/min                       | 1617  | 1158 | 429  | 316  | 222  | 118  | 85   | 60   | 52   | 43   | 33   | 27   | 24   | 20   | 17   |
| Rated speed r/min                         | 1346  | 965  | 357  | 263  | 185  | 98   | 70   | 50   | 43   | 36   | 28   | 23   | 20   | 16   | 14   |
| Rated torque N.m                          | 0.081 | 0.12 | 0.28 | 0.38 | 0.49 | 0.93 | 1.3  | 1.8  | 2.1  | 2.5  | 2.9  | 3.0  | 3.0  | 3.0  | 3.0  |
| Max. permissible load in a short time N.m | 1.0   | 1.0  | 3.5  | 3.5  | 3.5  | 7.5  | 7.5  | 7.5  | 7.5  | 7.5  | 9.0  | 9.0  | 9.0  | 9.0  | 9.0  |

36ZY57P-2460 DC Motor

| Reduction ratio                           | 3.7   | 5.2  | 14   | 19   | 27   | 51   | 71   | 100  | 115  | 139  | 181  | 219  | 254  | 306  | 354  |
|-------------------------------------------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Number of gear trains                     | 1     | 1    | 2    | 2    | 2    | 3    | 3    | 3    | 3    | 3    | 4    | 4    | 4    | 4    | 4    |
| Length(L) mm                              | 26.5  | 26.5 | 33.6 | 33.6 | 33.6 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 |
| No-load speed r/min                       | 1617  | 1158 | 429  | 316  | 222  | 118  | 85   | 60   | 52   | 43   | 33   | 27   | 24   | 20   | 17   |
| Rated speed r/min                         | 1346  | 965  | 357  | 263  | 185  | 98   | 70   | 50   | 43   | 36   | 28   | 23   | 20   | 16   | 14   |
| Rated torque N.m                          | 0.087 | 0.12 | 0.29 | 0.40 | 0.51 | 1.0  | 1.3  | 1.9  | 2.2  | 2.6  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  |
| Max. permissible load in a short time N.m | 1.0   | 1.0  | 3.5  | 3.5  | 3.5  | 7.5  | 7.5  | 7.5  | 7.5  | 7.5  | 9.0  | 9.0  | 9.0  | 9.0  | 9.0  |

## ● Motor Characteristic Figure

