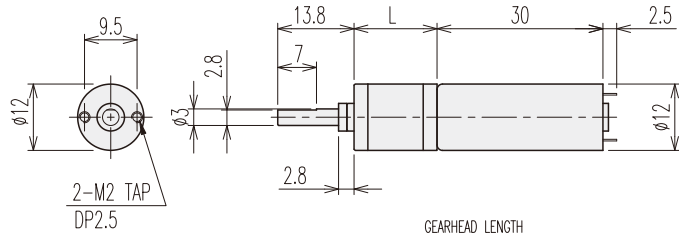


K12-TYPE

Planetary GEARHEAD

DIMENSIONS

K12-1230 SERIES



| GEARHEAD LENGTH | | | |
|-----------------|------|--------|------|
| RATIO | L | RATIO | L |
| 1/4 | 15 | 1/256 | 24.9 |
| 1/16 | 18.3 | 1/1024 | 28.2 |
| 1/64 | 21.6 | 1/4096 | 31.5 |

MOTOR PERFORMANCE DATA

| MODEL | ITEM | VOLTAGE (DC) | NO LOAD | | AT MAX. EFF. | | | STALL | | WEIGHT (g) |
|----------|------|--------------|---------|-------|--------------|-----|-------|-------|-------|------------|
| | | | mA | rpm | gf-cm | mA | rpm | A | gf-cm | |
| KD1230LB | | 2.4V | 130 | 12500 | 6 | 450 | 10100 | 1.5 | 23 | 13 |
| KD1230LC | | 3V | 80 | 12500 | 5.6 | 340 | 10300 | 1.4 | 25 | |
| KD1230H1 | | 13V | 30 | 11800 | 5.4 | 80 | 8600 | 0.2 | 22 | |

AT MAXIMUM EFFICIENCY (K12-□□□□-KD1230□□)

| GEAR | MODEL | KD1230LB | | KD1230LC | | KD1230H1 | |
|--------|-------|----------|-------|----------|-------|----------|-------|
| | | DC 2.4V | | DC 3V | | DC 13V | |
| | | rpm | gf-cm | rpm | gf-cm | rpm | gf-cm |
| 1/0004 | | 2525 | 20 | 2575 | 18 | 2150 | 17 |
| 1/0016 | | 631 | 60 | 643 | 57 | 537 | 55 |
| 1/0064 | | 157 | 200 | 160 | 183 | 134 | 177 |
| 1/0256 | | 39 | 600 | 40 | 587 | 33 | 566 |
| 1/1024 | | 9.8 | 2000 | 10 | 1880 | 8.4 | 1810 |
| 1/4096 | | 2.4 | 2000 | 2.5 | 2000 | 2.1 | 2000 |

* 彩色齒輪比與電動機的旋轉方向相同。