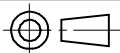
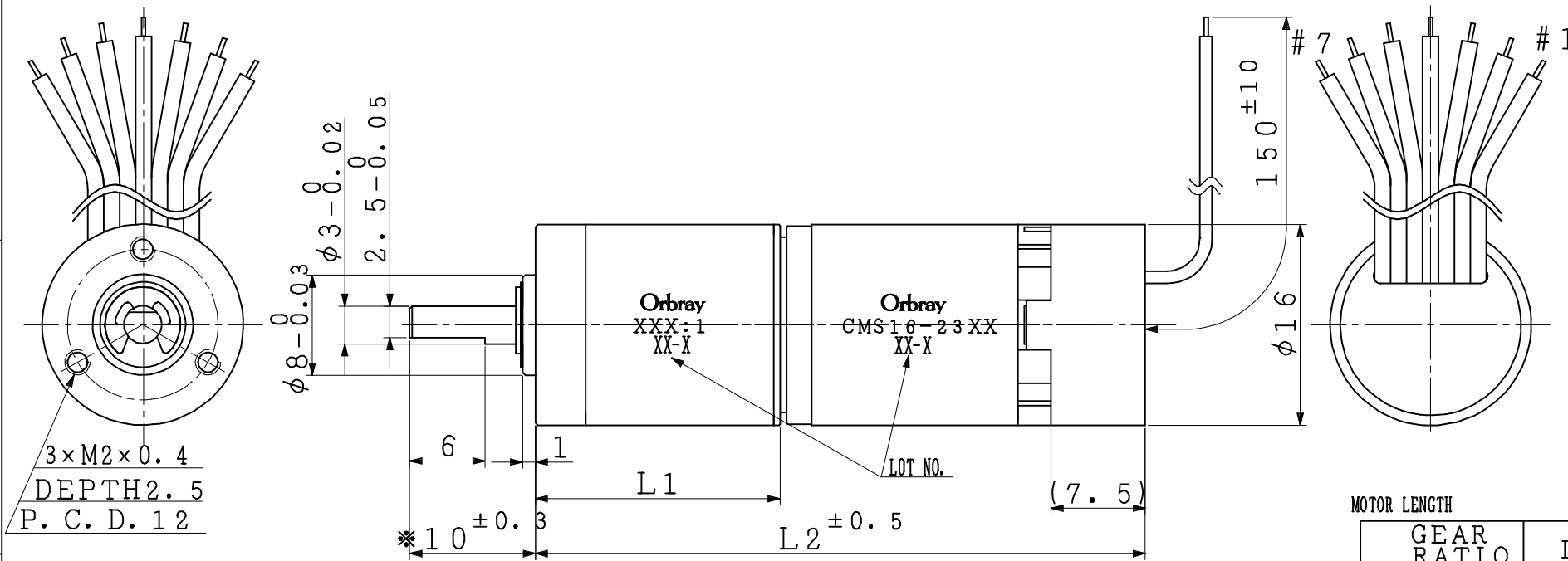


Orbray



OPTICAL ENCODER
ELECTRICAL CONNECTIONS
PULSE/REV

| | |
|-----|---------------|
| # 1 | (MOTOR+) |
| # 2 | Vcc(DC±V±10%) |
| # 3 | Ch. A |
| # 4 | Ch. B |
| # 5 | Ch. Z |
| # 6 | GND |
| # 7 | (MOTOR-) |



NOTE 1) MARKED(*) IS OUTPUT SHAFT LENGTH MEASURED WHEN IT IS PUSHED TO MOTOR SIDE.
*印寸法は出力軸をモータ側に押しつけた時の値を示す。

2) LOT NO.
EXAMPLE) JANUARY, 2018
「18-A」
JANUARY:A, FEBRUARY:B...DECEMBER:L
1月:A、2月:B...12月:L
「-」 :MADE IN THAILAND
「-」有り :海外工場生産
「-」NONE :MADE IN JAPAN
「-」無し :国内工場生産
THE END TWO DIGIT OF CHRISTIAN YEAR
西暦年数末尾数字2桁

3) THE LEAD WIRE IS AWG28 UL3302.
リード線はAWG28 UL3302を使用する。
4) OUTSIDE DIAMETER IS NOT APPLIED TO THE CAULKING.
外径寸法公差はカシメ部を除く。
5) 3×M2 AND LEAD WIRE DRAWING POSITIONS ARE OUT OF DIMENSIONAL CONTROL.
3×M2とリード線引き出し角度は寸法管理外とする。

MOTOR LENGTH

| GEAR RATIO | L1 | L2 |
|------------|------|------|
| 3.6 | 15.3 | 44.4 |
| 4.7 | 15.3 | 44.4 |
| 13 | 19.5 | 48.6 |
| 22 | 19.5 | 48.6 |
| 61 | 23.7 | 52.8 |
| 105 | 23.7 | 52.8 |

| TOLERANCE | | | | | | |
|---------------|------|-----|-------|--------|---------|-----------------|
| DIMENSION (±) | | | ANGLE | | | |
| | 0 | 1 | 2 | 3 | | |
| L≤6 | 0.05 | 0.1 | 0.1 | 0.3 | | |
| 6<L≤30 | 0.1 | 0.1 | 0.2 | 0.5 | | |
| 30<L≤120 | 0.15 | 0.2 | 0.3 | 0.8 | | |
| 120<L | 0.2 | 0.3 | 0.5 | 1.2 | | |
| MATERIAL | | | | FINISH | QTY. | |
| APPD. | | | | CHK. | DSGN. | DRW. |
| SYM. | | | | DATE | NOTE | DRW. CHK. APPD. |
| SCALE | | | | 2/1 | TYPE | CMS16-23 P 0 |
| UNIT | | | | 1/1mm | TITLE | OUTLINE DRAWING |
| DWG.NO. | | | | | | |
| REF.NO. | | | | | | |
| CHK.NO. | | | | REMARK | Rev. 00 | |