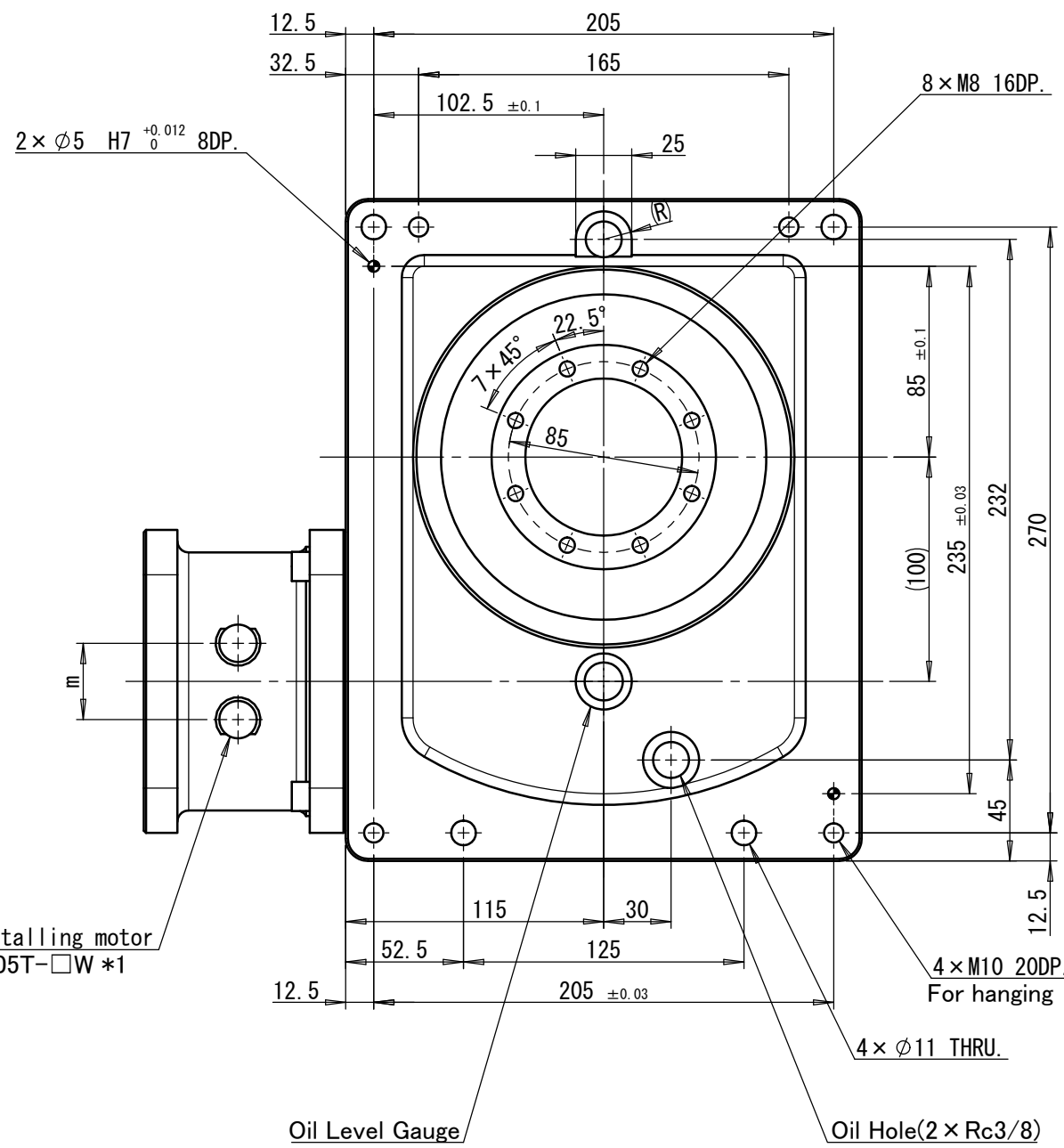
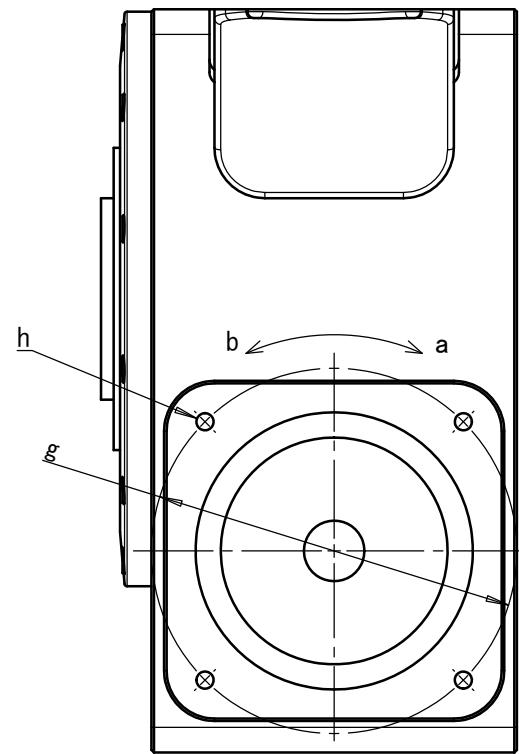
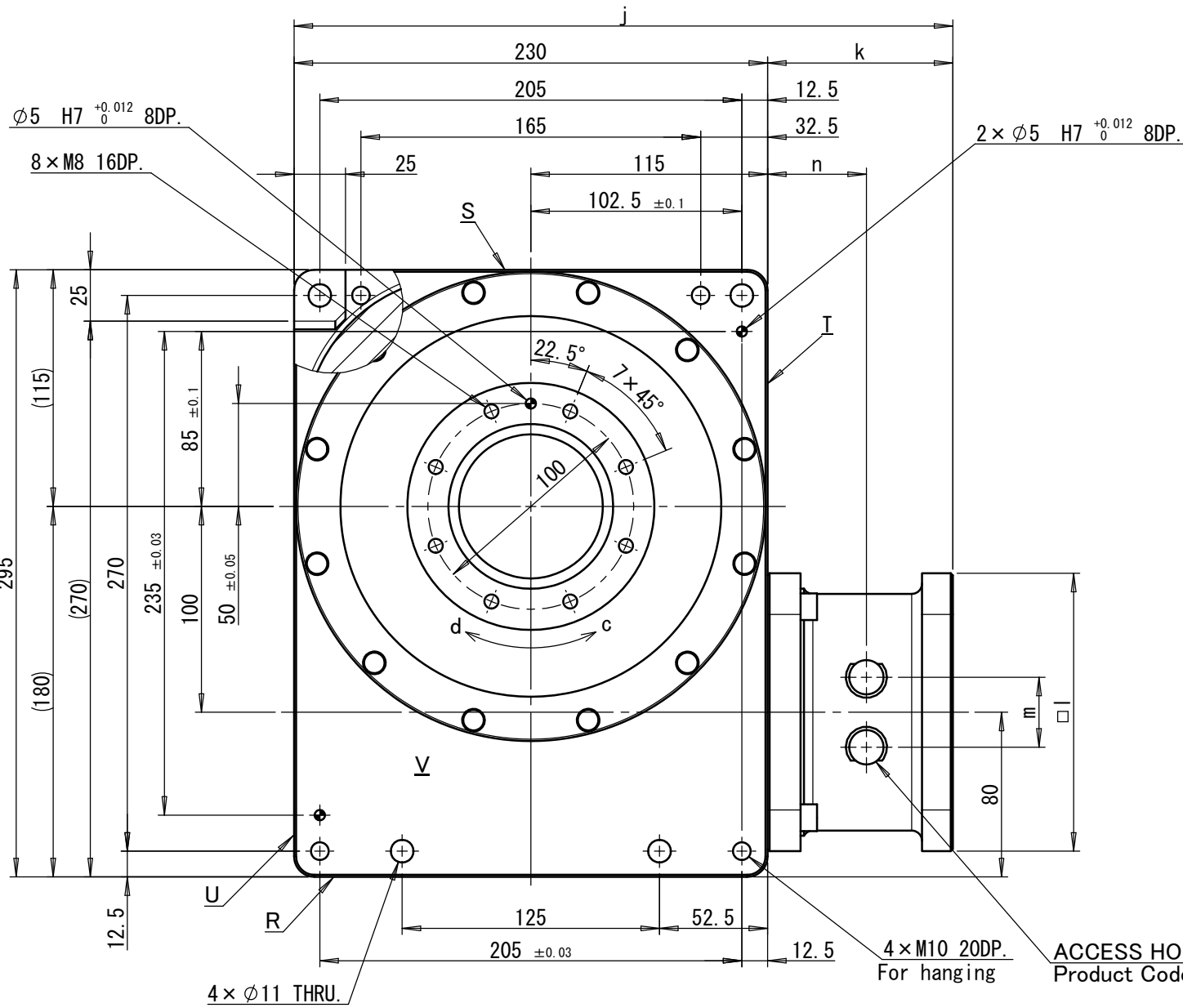
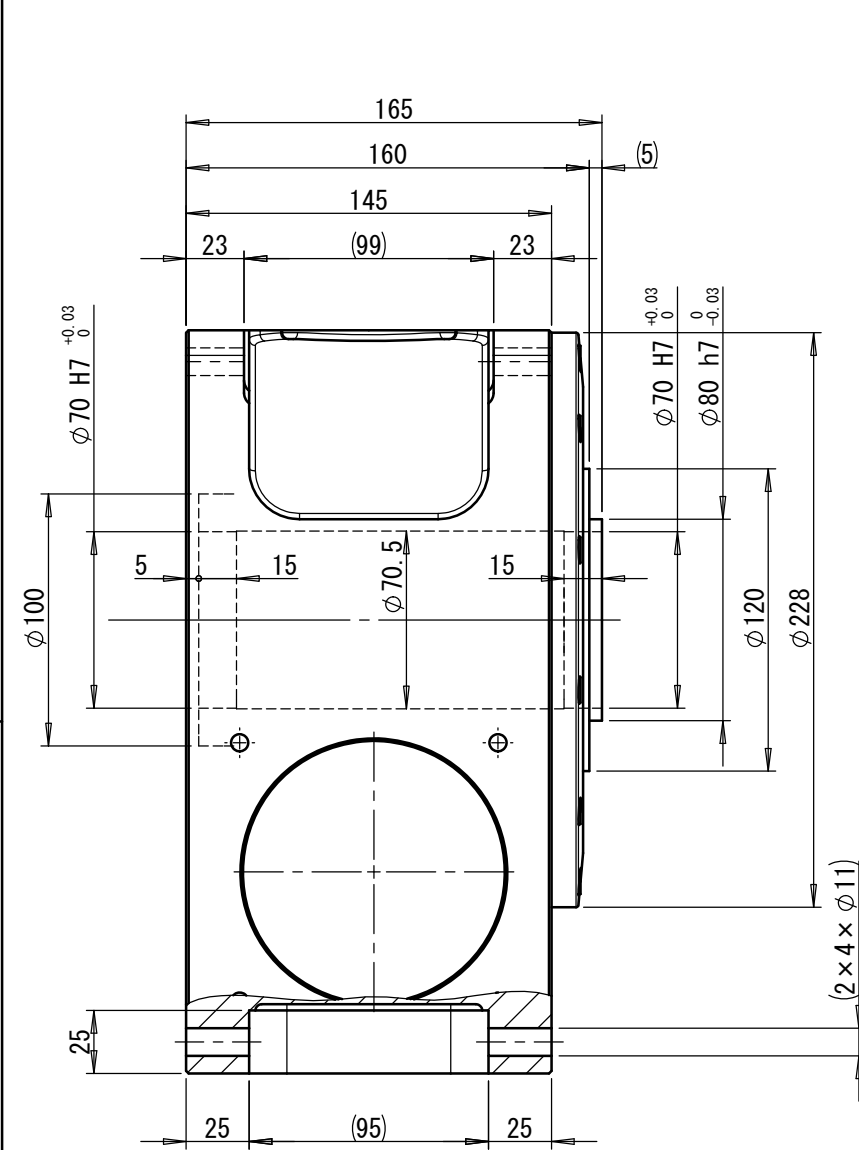


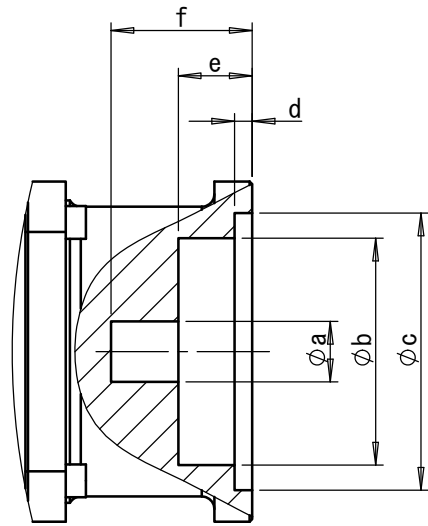
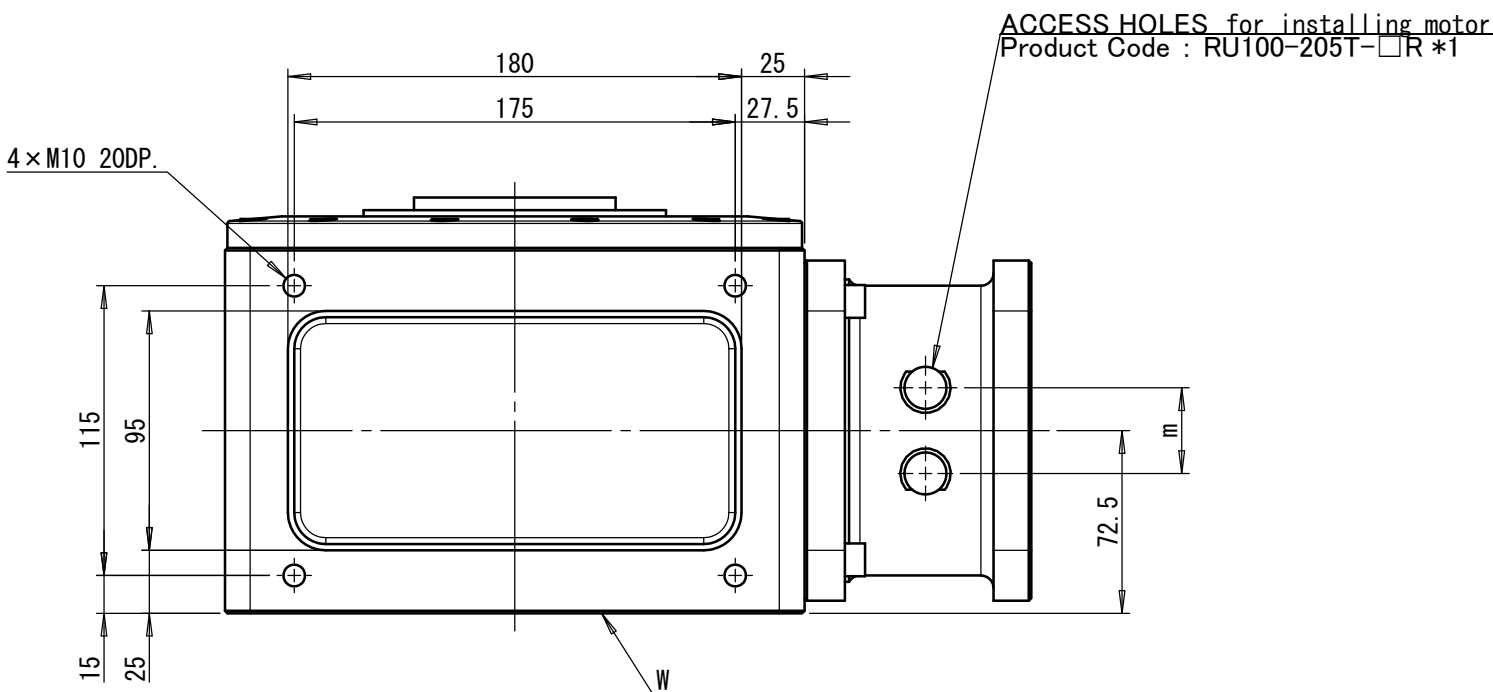
| 7 | | 8 | | | 10 | | | | | 11 | | | | 12 | | | 13 | |
|---------------|-----------------|----|----|-----|----|------|------------|-----|------------|-----|----|-----|----|----|---|-----------------------|-------------------------------|------------------------------|
| Product Code | | a | b | c | d | e | Dimensions | | f | g | h | j | k | l | m | n | Inertia(kg·m ²)*2 | Maximum Motor Torque (N·m)*3 |
| RU100-205T-BV | RU100-205T-BV-A | 19 | 90 | 110 | 7 | 33.3 | 55~60 | 145 | 4×M8 15DP. | 320 | 90 | 135 | 34 | 48 | | 6.96×10 ⁻⁴ | 53.33 | |
| RU100-205T-BW | RU100-205T-BW-A | 19 | 90 | 110 | 7 | 33.3 | 55~60 | 145 | 4×M8 15DP. | 320 | 90 | 135 | 34 | 48 | | 6.96×10 ⁻⁴ | 53.33 | |
| RU100-205T-BR | RU100-205T-BR-A | 19 | 90 | 110 | 7 | 33.3 | 55~60 | 145 | 4×M8 15DP. | 320 | 90 | 135 | 34 | 48 | | 6.96×10 ⁻⁴ | 53.33 | |
| RU100-205T-BS | RU100-205T-BS-A | 19 | 90 | 110 | 7 | 33.3 | 55~60 | 145 | 4×M8 15DP. | 320 | 90 | 135 | 34 | 48 | | 6.96×10 ⁻⁴ | 53.33 | |
| RU100-205T-CV | RU100-205T-CV-A | 22 | 90 | 110 | 7 | 33.3 | 55~60 | 145 | 4×M8 15DP. | 320 | 90 | 135 | 34 | 48 | | 6.96×10 ⁻⁴ | 53.33 | |
| RU100-205T-CW | RU100-205T-CW-A | 22 | 90 | 110 | 7 | 33.3 | 55~60 | 145 | 4×M8 15DP. | 320 | 90 | 135 | 34 | 48 | | 6.96×10 ⁻⁴ | 53.33 | |
| RU100-205T-CR | RU100-205T-CR-A | 22 | 90 | 110 | 7 | 33.3 | 55~60 | 145 | 4×M8 15DP. | 320 | 90 | 135 | 34 | 48 | | 6.96×10 ⁻⁴ | 53.33 | |
| RU100-205T-CS | RU100-205T-CS-A | 22 | 90 | 110 | 7 | 33.3 | 55~60 | 145 | 4×M8 15DP. | 320 | 90 | 135 | 34 | 48 | | 6.96×10 ⁻⁴ | 53.33 | |
| RU100-205T-DV | RU100-205T-DV-A | 24 | 90 | 110 | 7 | 33.3 | 55~60 | 145 | 4×M8 15DP. | 320 | 90 | 135 | 34 | 48 | | 6.96×10 ⁻⁴ | 53.33 | |
| RU100-205T-DW | RU100-205T-DW-A | 24 | 90 | 110 | 7 | 33.3 | 55~60 | 145 | 4×M8 15DP. | 320 | 90 | 135 | 34 | 48 | | 6.96×10 ⁻⁴ | 53.33 | |
| RU100-205T-DR | RU100-205T-DR-A | 24 | 90 | 110 | 7 | 33.3 | 55~60 | 145 | 4×M8 15DP. | 320 | 90 | 135 | 34 | 48 | | 6.96×10 ⁻⁴ | 53.33 | |
| RU100-205T-DS | RU100-205T-DS-A | 24 | 90 | 110 | 7 | 33.3 | 55~60 | 145 | 4×M8 15DP. | 320 | 90 | 135 | 34 | 48 | | 6.96×10 ⁻⁴ | 53.33 | |

△ 48~60

- Notes.
- *1 モータ軸締結用アクセスホールは製品コードに該当する箇所に2箇所のみ加工
Only two access holes for assembling motor is specified by attachment code to be machined.
- *2 慣性モーメント(イナーシャ)はモータ軸換算値とする。(モータイナーシャは含まない)。
The moment of inertia is on motor shaft except for motor of inertia.
- *3 サーボモータは上表最大モータトルク以下で使用のこと。
Do not operate the servo motor more than specified maximum motor torque which is on above table.



| | | |
|---|----------|-------------------|
| 減速比 Reduction ratio | 20 | |
| 静定格出力トルク Static output torque rating | 1,000 | N·m |
| 動定格出力トルク Dynamic output torque rating | 上図参照 | N·m |
| 最高出力回転数 Maximum output speed | 150 | min^{-1} |
| 定格出力回転数 Nominal output speed | 45 | min^{-1} |
| 位置決め精度 Positioning accuracy | 40 | arcsec以下 |
| 繰返し精度 Repeatability | ±5 | arcsec以下 |
| 出力軸アキシャル振れ(V面) Axial runout of output surface (V) | 10 | μm 以下 |
| 出力軸ラジアル振れ(V面) Radial runout of output outer diameter (V) | 10 | μm 以下 |
| 出力軸許容アキシャル荷重 Maximum axial load of output | 21,000 | N |
| 出力軸許容ラジアル荷重 Maximum radial load of output | 18,000 | N |
| 出力軸許容モーメント荷重 Maximum moment load of output | 1,700 | N·m |
| 入出力軸回転方向 Direction of input-output shafts rotation | a-d, b-c | |
| 製品概略質量 Weight | 50 | kg |



モータ取付部詳細図
Detail of the motor attachment

| | | | |
|-----------|--------------|---------|-------------|
| Scale | 1:3 | Date | 01/Dec/2015 |
| Designer | K. Katsumata | Checker | K. Iida |
| Draftsman | K. Koike | Assent | K. Iida |

| | | | |
|-----------------------------|----------------------------------|----------|------------------------|
| △ Correction of the drawing | 11 | K. Koike | 20/Jun/2016 |
| △ Chenging the product code | 10 | K. Koike | 11/Apr/2016 |
| Correction | Sign | Date | |
| Model | RollerDrive RU100-205T | | CERTIFIED PRINT |
| Draw.No. | RU1001K3213-011 | | |