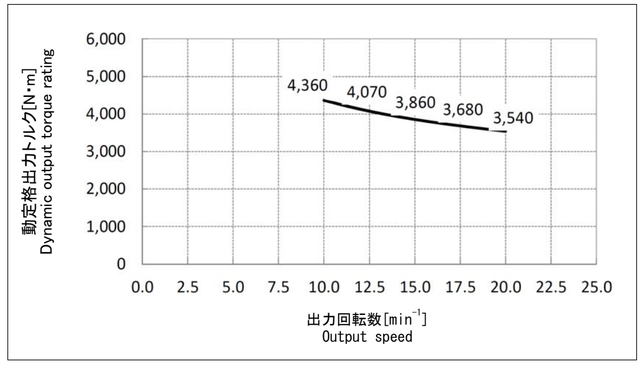
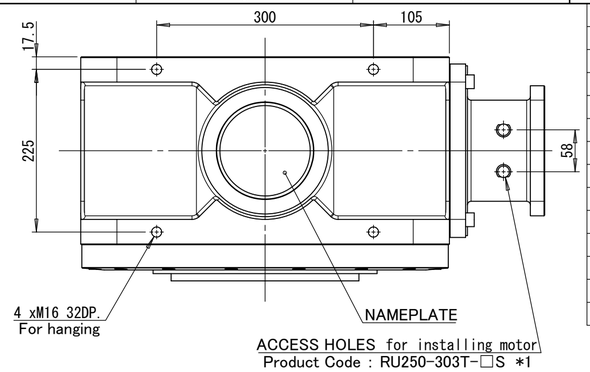
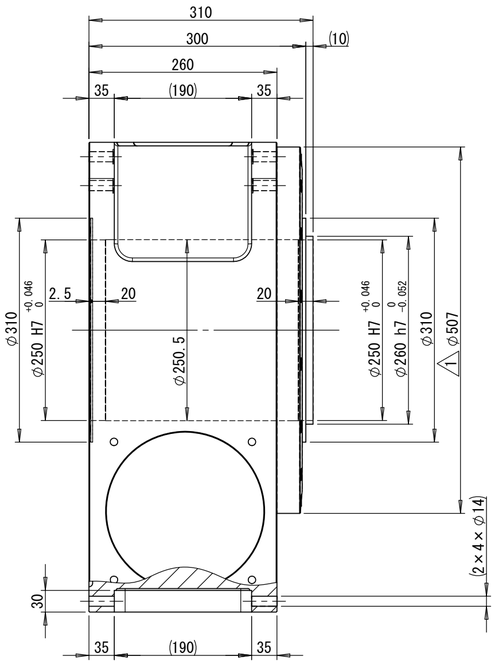


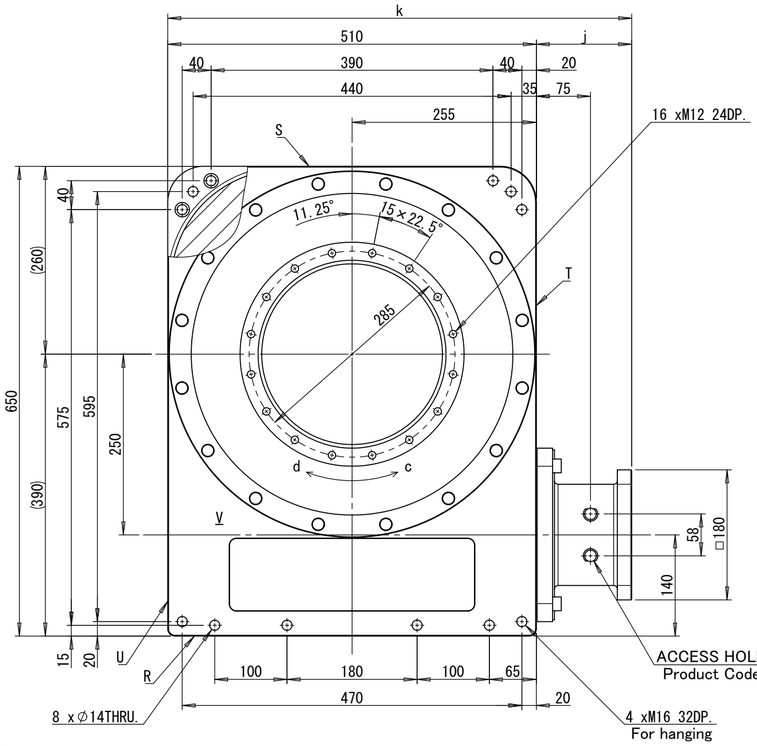



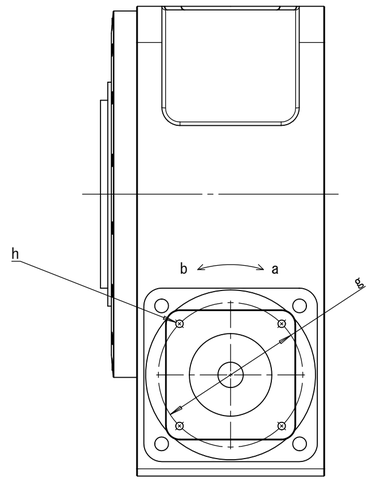

| Dimensions | | | | | | | | | | | | | Maximum Motor Torque(N・m)*3 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Product Code | | a | b | c | d | e | f | g | h | J | K | Inertia(kg・m²)*2 | |
| RU250-303T-AV | RU250-303T-AV-A | 35 *4 | – | 114.3 | 47.8 | – | 79～80 | 200 | 4×M12 20DP. | 132 | 642 | $5.8\times10^{-2}$ | 180 |
| RU250-303T-AW | RU250-303T-AW-A | 35 *4 | – | 114.3 | 47.8 | – | 79～80 | 200 | 4×M12 20DP. | 132 | 642 | $5.8\times10^{-2}$ | 180 |
| RU250-303T-AR | RU250-303T-AR-A | 35 *4 | – | 114.3 | 47.8 | – | 79～80 | 200 | 4×M12 20DP. | 132 | 642 | $5.8\times10^{-2}$ | 180 |
| RU250-303T-AS | RU250-303T-AS-A | 35 *4 | – | 114.3 | 47.8 | – | 79～80 | 200 | 4×M12 20DP. | 132 | 642 | $5.8\times10^{-2}$ | 180 |
| RU250-303T-BV | RU250-303T-BV-A | 42 *5 | – | 114.3 | 47.8 | – | 79～80 | 200 | 4×M12 20DP. | 132 | 642 | $5.8\times10^{-2}$ | 180 |
| RU250-303T-BW | RU250-303T-BW-A | 42 *5 | – | 114.3 | 47.8 | – | 79～80 | 200 | 4×M12 20DP. | 132 | 642 | $5.8\times10^{-2}$ | 180 |
| RU250-303T-BR | RU250-303T-BR-A | 42 *5 | – | 114.3 | 47.8 | – | 79～80 | 200 | 4×M12 20DP. | 132 | 642 | $5.8\times10^{-2}$ | 180 |
| RU250-303T-BS | RU250-303T-BS-A | 42 *5 | – | 114.3 | 47.8 | – | 79～80 | 200 | 4×M12 20DP. | 132 | 642 | $5.8\times10^{-2}$ | 180 |
| RU250-303T-CV | RU250-303T-CV-A | 42 *5 | – | 114.3 | 81.8 | – | 112～113 | 200 | 4×M12 20DP. | 166 | 676 | $5.8\times10^{-2}$ | 180 |
| RU250-303T-CW | RU250-303T-CW-A | 42 *5 | – | 114.3 | 81.8 | – | 112～113 | 200 | 4×M12 20DP. | 166 | 676 | $5.8\times10^{-2}$ | 180 |
| RU250-303T-CR | RU250-303T-CR-A | 42 *5 | – | 114.3 | 81.8 | – | 112～113 | 200 | 4×M12 20DP. | 166 | 676 | $5.8\times10^{-2}$ | 180 |
| RU250-303T-CS | RU250-303T-CS-A | 42 *5 | – | 114.3 | 81.8 | – | 112～113 | 200 | 4×M12 20DP. | 166 | 676 | $5.8\times10^{-2}$ | 180 |

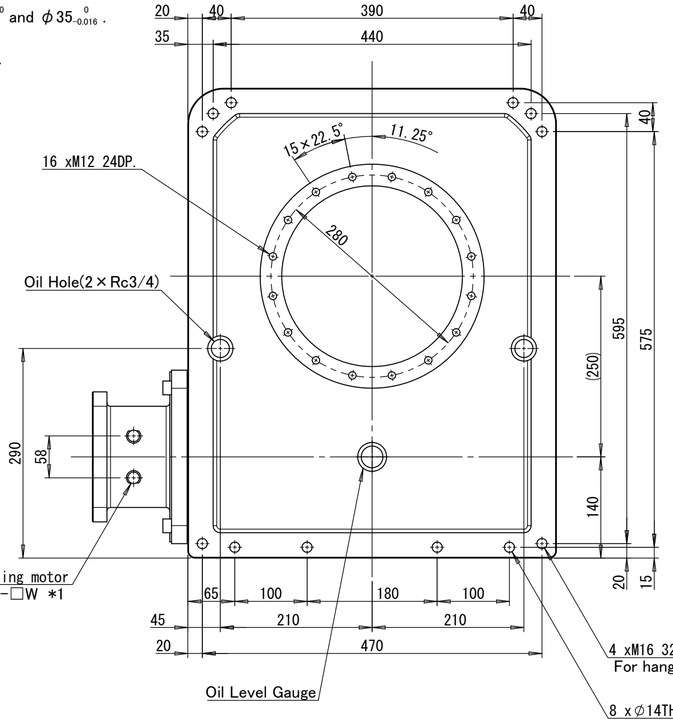
△1 △1 ~~24~~

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.
- *4 取付可能モータ軸径は、$\phi35^{+0.010}_{0}$ ,$\phi35^{0}_{-0.016}$ とする。
  Dimensions of Attachable Motor Shaft are $\phi35^{+0.010}_{0}$ and $\phi35^{0}_{-0.016}$ .
- *5 取付可能モータ軸径は、$\phi42^{0}_{-0.016}$ とする。
  Dimensions of Attachable Motor Shaft is $\phi42^{0}_{-0.016}$ .

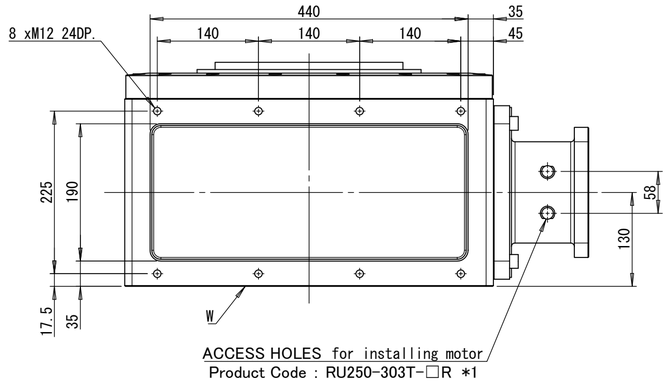


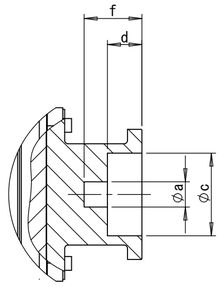




| | | |
|---|---|---|
| 減速比<br>Reduction ratio | 30 | |
| 静定格出力トルク<br>Static output torque rating | 8,140 | N・m |
| 動定格出力トルク<br>Dynamic output torque rating | 上図参照 | N・m |
| 最高出力回転数<br>Maximum output speed | 40 | $min^{-1}$ |
| 定格出力回転数<br>Nominal output speed | 20 | $min^{-1}$ |
| 位置決め精度<br>Positioning accuracy | 40 | arcsec以下 |
| 繰返し精度<br>Repeatability | ±5 | arcsec以下 |
| 出力軸アキシアル振れ(V面)<br>Axial runout of output surface (V) | 10 | μm以下 |
| 出力軸ラジアル振れ(V面)<br>Radial runout of output outer diameter (V) | 10 | μm以下 |
| 出力軸許容アキシアル荷重<br>Maximum axial load of output | 130,000 | N |
| 出力軸許容ラジアル荷重<br>Maximum radial load of output | 95,000 | N |
| 出力軸許容モーメント荷重<br>Maximum moment load of output | 38,000 | N・m |
| 入出力軸回転方向<br>Direction of input-output shafts rotation | a-d, b-c | |
| 製品概略質量<br>Weight | 380 | kg |




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

| | | | |
|---|---|---|---|
| △3 | | | |
| △2 | | | |
| △1 | Correction of the drawing | K.Koike | 08/Jan/2016 |
| | Correction | Sign | Date |

| | | | |
|---|---|---|---|
| Scale 1:6 | Date 16/Jul/2015 | Model RollerDrive RU250-303T | CIRTIFIED PRINT |
| Designer Y.Tomiyama | Checker H.Takayama | Draw.No. RU2501K3031-010 | |
| Draftsman K.Koike | Assent K.Iida | | |

SANKYO SEISAKUSHO CO.

unit:mm

A2