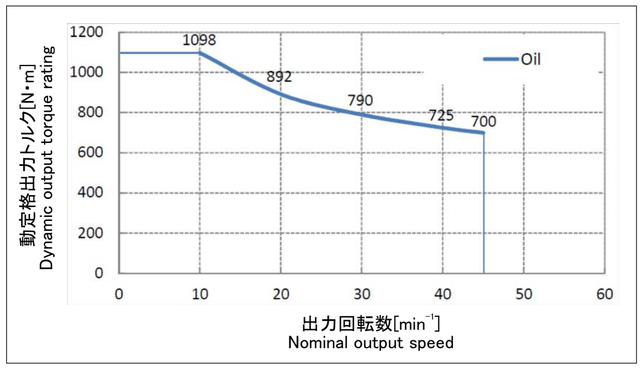
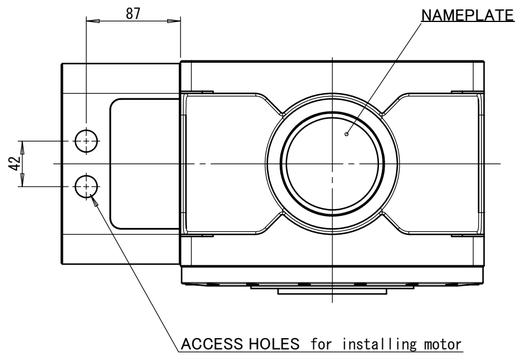
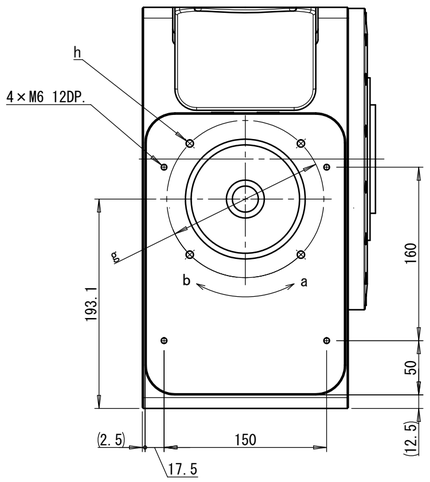
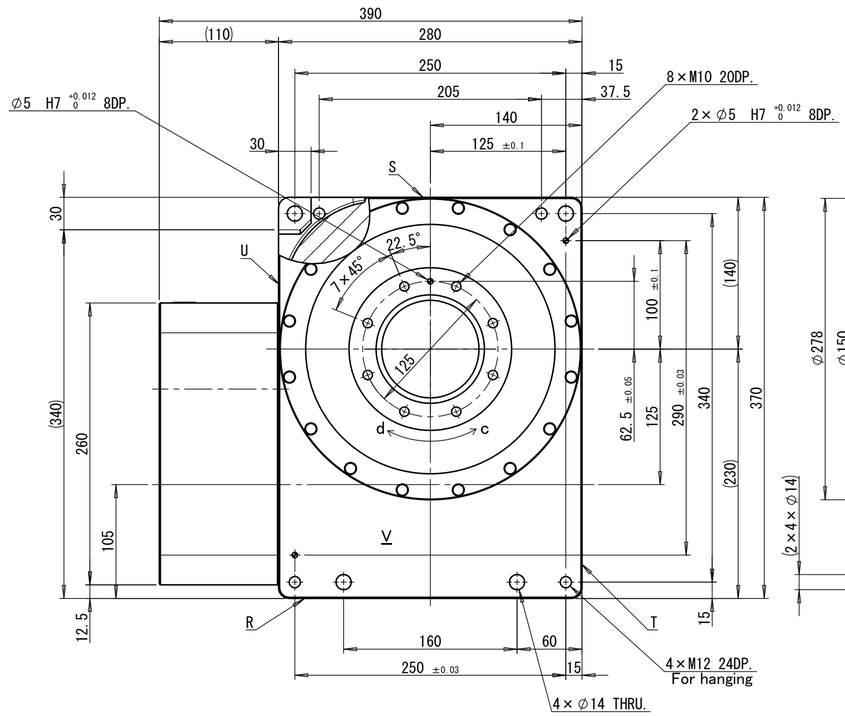


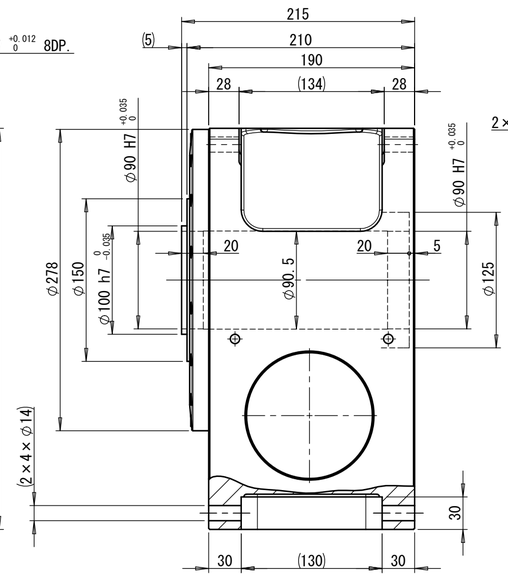


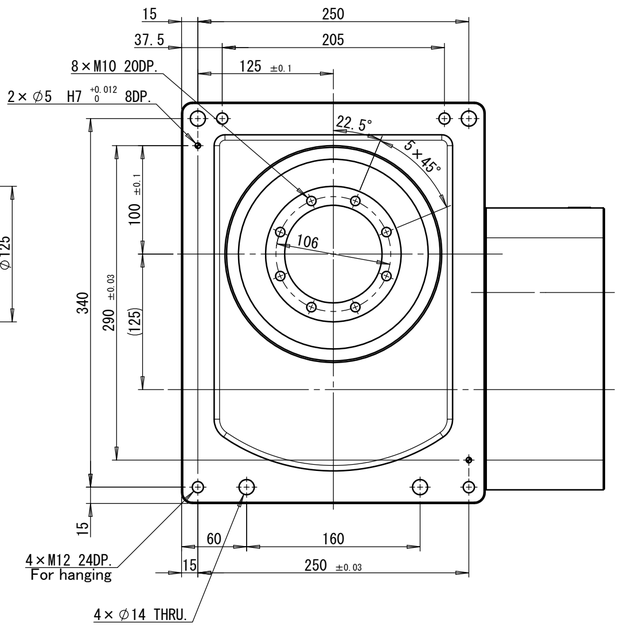
Dimensions											Maximum Motor Torque (N・m)*2
Product Code		a	b	c	d	e	f	g	h	Inertia(kg・m²)*1	
RU125-603U-AS	RU125-603U-AS-A	19	–	110	6.5	–	50～65.5	145	4×M8 16DP.	1.24×10^{-3}	45.28
RU125-603U-BS	RU125-603U-BS-A	22	–	110	6.5	–	50～65.5	145	4×M8 16DP.	1.24×10^{-3}	45.28
RU125-603U-CS	RU125-603U-CS-A	24	–	110	6.5	–	50～65.5	145	4×M8 16DP.	1.24×10^{-3}	45.28

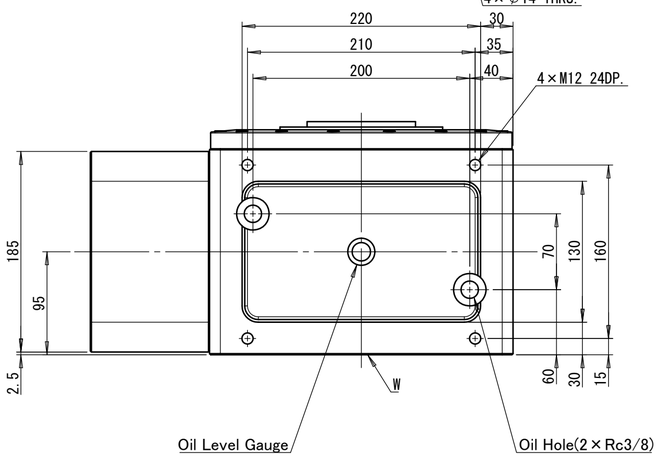
Notes.
*1 慣性モーメント(イナーシャ)はモータ軸換算値とする。(モータイナーシャは含まない)。
The moment of inertia is on motor shaft except for motor of inertia.
*2 サーボモータは上表最大モータトルク以下で使用のこと。
Do not operate the servo motor more than specified maximum motor torque which is on above table.

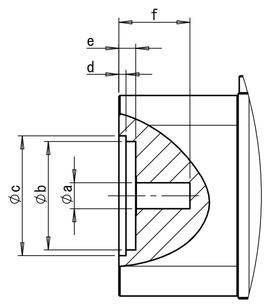












モータ取付部詳細図
Detail of the motor attachment

減速比 Reduction ratio	60	
静定格出力トルク Static output torque rating	1,800	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
出力軸アキシアル振れ(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
出力軸許容アキシアル荷重 Maximum axial load of output	50,000	N
出力軸許容ラジアル荷重 Maximum radial load of output	35,000	N
出力軸許容モーメント荷重 Maximum moment load of output	5,000	N・m
入出力軸回転方向 Direction of input-output shafts rotation	a-c, b-d	
製品概略質量 Weight	100	kg

	Correction	Sign	Date
3			
2			
1			

Model RollerDrive RU125-603U

CERTIFIED PRINT

Scale 1:4 | Date 07/Dec/2015

Designer K.Katsumata | Checker H.Takayama

Draftsman K.Koike | Assent K.Iida

Draw.No. RU1251K3253-000

SANKYO SEISAKUSHO CO.

unit:mm

A2