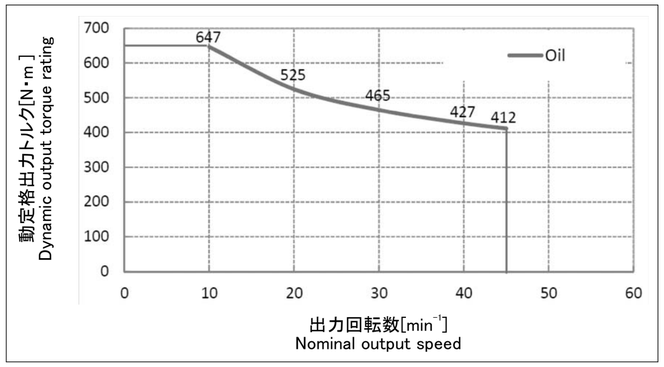
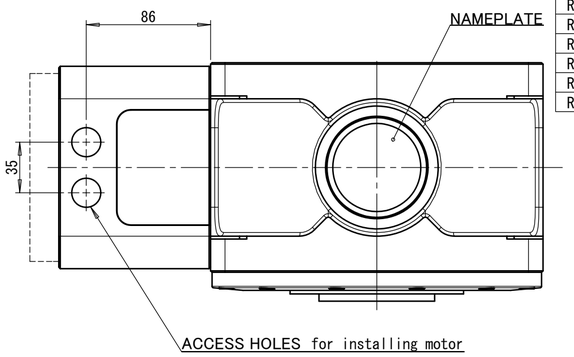
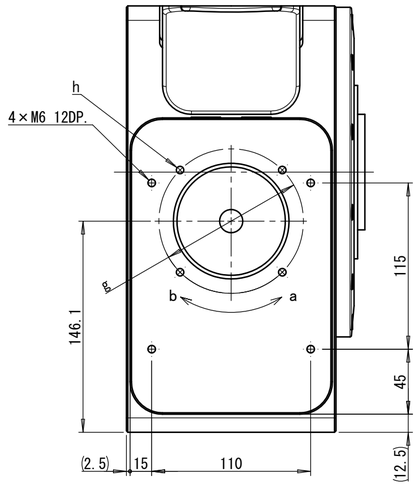
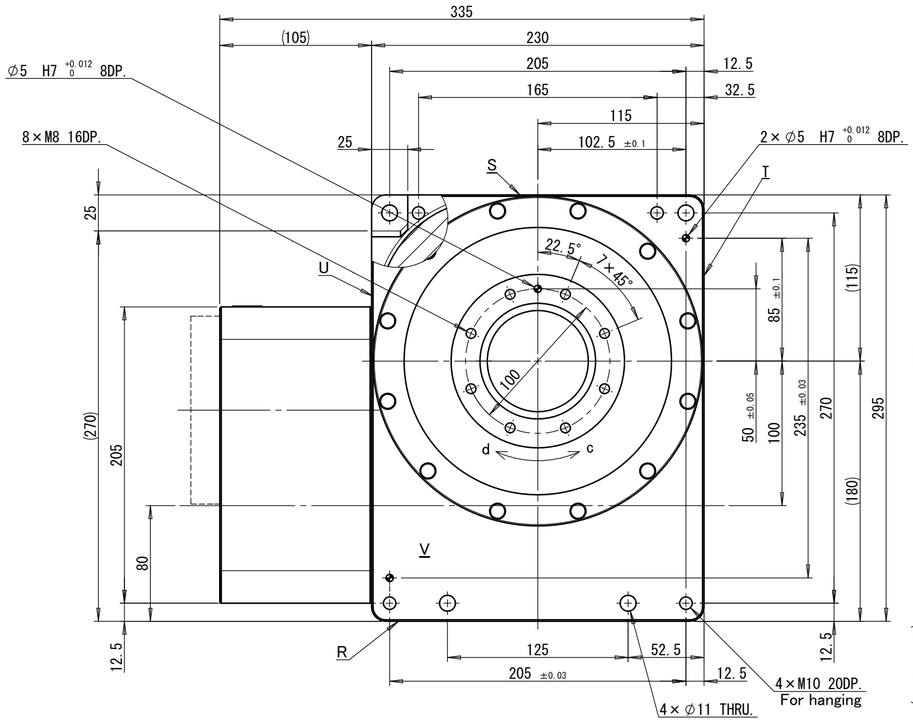


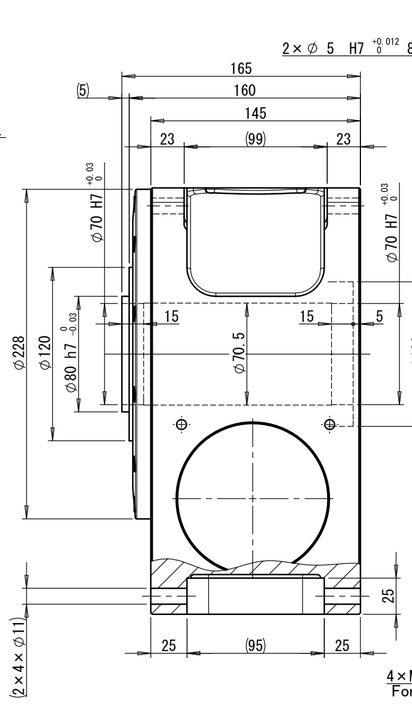


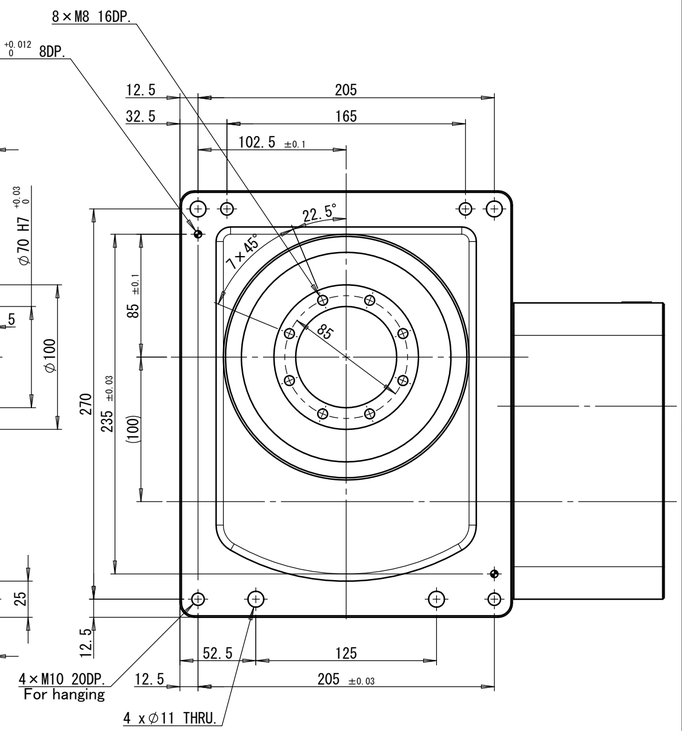
Product Code		Dimensions a	b	b'	c	c'	d	d'	e	f	f'	g	h	j	k	l	m	Inertia(kg・m²)*1	Maximum Motor Torque (N・m)*2
RU100-601U-AS	RU100-601U-AS-A	10	–	–	80	–	9.5	–	–	50	–	100	4×M6 12DP.	–	–	–	–	4.18×10^{-4}	29.81
RU100-601U-BS	RU100-601U-BS-A	14	–	–	80	–	9.5	–	–	50	–	100	4×M6 12DP.	–	–	–	–	4.18×10^{-4}	29.81
RU100-601U-CS	RU100-601U-CS-A	16	–	–	80	–	9.5	–	–	50	–	100	4×M6 12DP.	–	–	–	–	4.18×10^{-4}	29.81
RU100-601U-DS	RU100-601U-DS-A	19	–	70	–	110	–	7	–	–	70	145	4×M8 16DP.	20	130	12	76	4.84×10^{-4}	29.81
RU100-601U-ES	RU100-601U-ES-A	22	–	70	–	110	–	7	–	–	70	145	4×M8 16DP.	20	130	12	76	4.84×10^{-4}	29.81
RU100-601U-FS	RU100-601U-FS-A	24	–	70	–	110	–	7	–	–	70	145	4×M8 16DP.	20	130	12	76	4.84×10^{-4}	29.81

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.
△1 *3 アタッチメントコードがDS、ES、FSの場合、ギヤボックスにモータ取付フランジが装着されます。
If the attachment code is DS, ES, or FS ,the gear box will have a motor mounting flange.

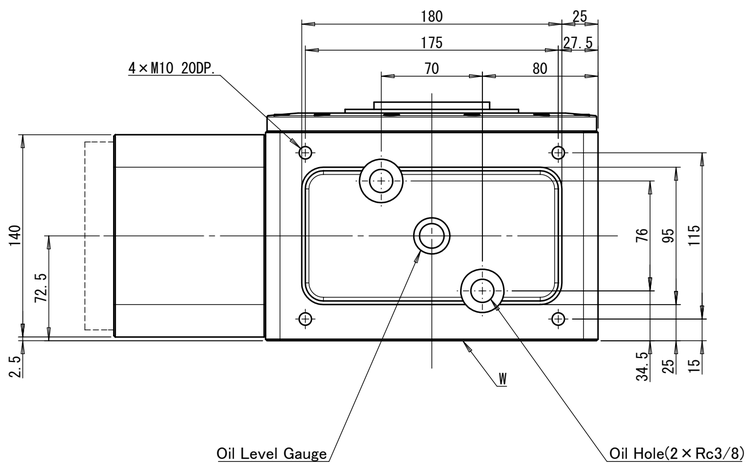


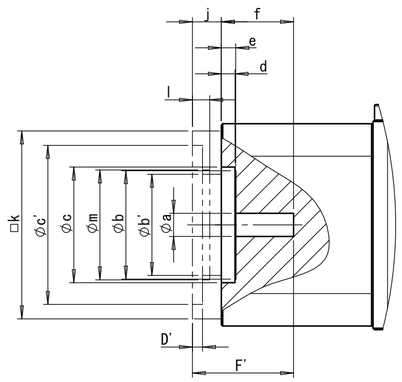






減速比 Reduction ratio	60	
静定格出力トルク Static output torque rating	1,000	N・m
動定格出力トルク Dynamic output torque rating	上図参照	N・m
最高出力回転数 Maximum output speed	150	min^{-1}
定格出力回転数 Nominal output speed	45	min^{-1}
位置決め精度 Positioning accuracy	40	arcsec以下
繰返し精度 Repeatability	±5	arcsec以下
出力軸アキシアル振れ(V面) Axial runout 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	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-c, b-d	
製品概略質量 Weight	55	kg





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

△3			
△2			
△1	Add notes 01	K.Koike	18/Jan/2016
	Correction	Sign	Date

Model: RollerDrive RU100-601U
CERTIFIED PRINT
Draw.No. RU1001K3227-001

Scale 1:3 | Date 07/Dec/2015
Designer K.Katsumata | Checker H.Takayama
Draftsman K.Koike | Assent K.Iida

SANKYO SEISAKUSHO CO.

A2

unit:mm