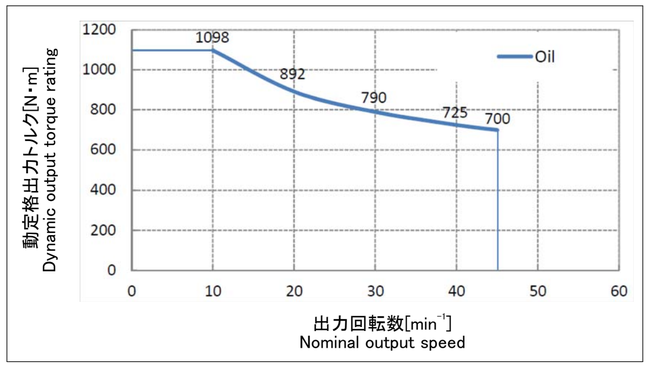
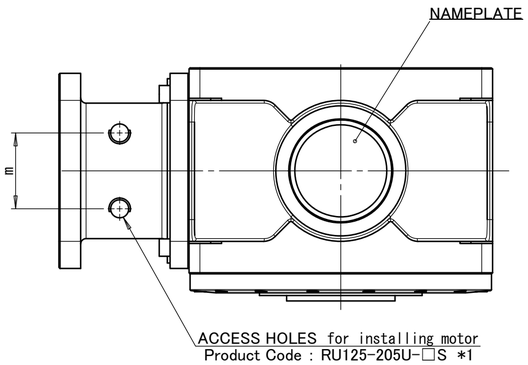
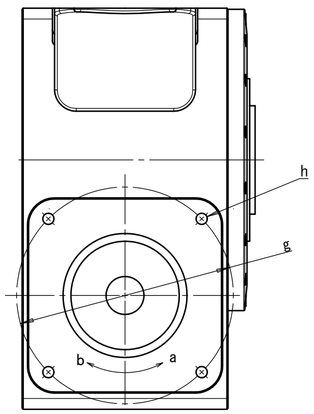
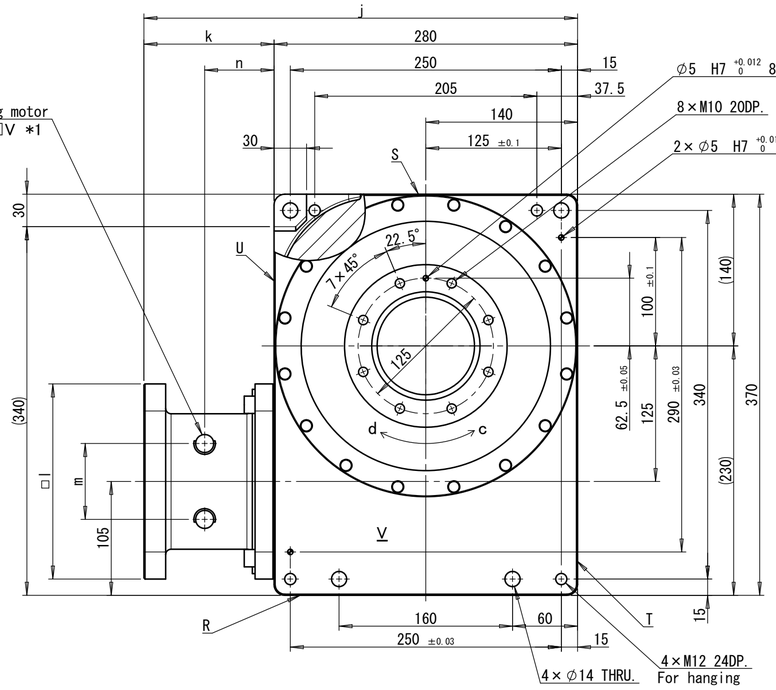


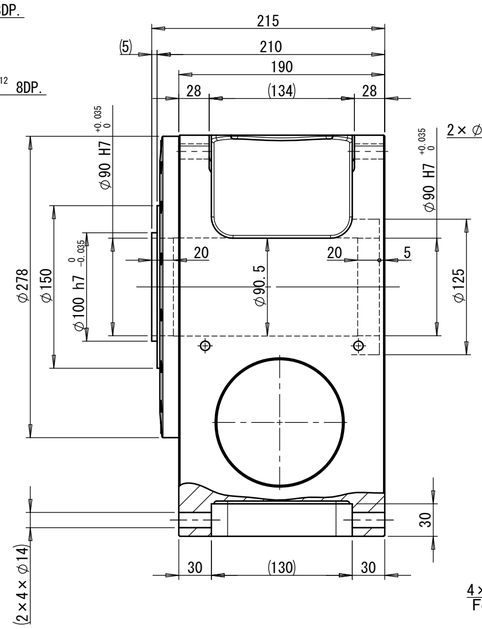


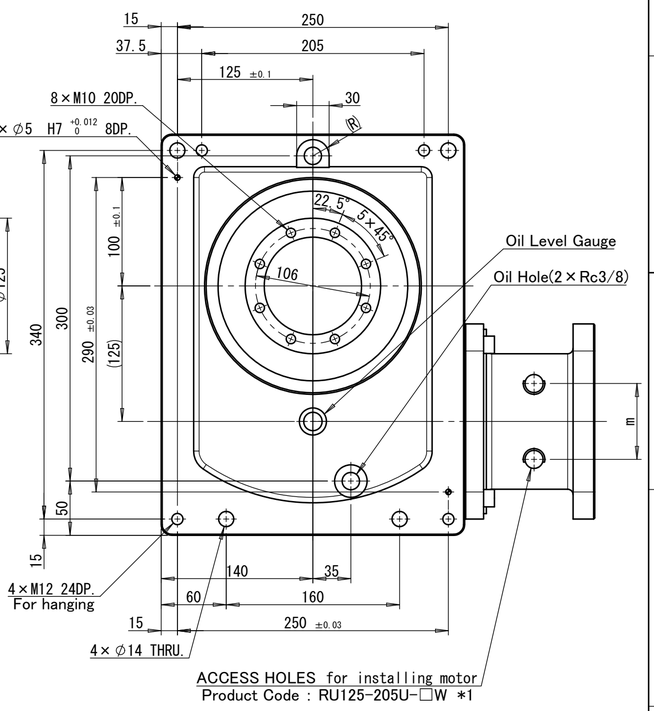
Product Code		Dimensions a	b	c	d	e	f	g	h	j	k	l	m	n	Inertia(kg・m²)*2	Maximum Motor Torque (N・m)*3
RU125-205U-AV	RU125-205U-AV-A	19	90	110	7	31.3	55～61	145	4×M8 20DP	378	98	135	34	57	1.96×10^{-3}	53.33
RU125-205U-AW	RU125-205U-AW-A	19	90	110	7	31.3	55～61	145	4×M8 20DP	378	98	135	34	57	1.96×10^{-3}	53.33
RU125-205U-AR	RU125-205U-AR-A	19	90	110	7	31.3	55～61	145	4×M8 20DP	378	98	135	34	57	1.96×10^{-3}	53.33
RU125-205U-AS	RU125-205U-AS-A	19	90	110	7	31.3	55～61	145	4×M8 20DP	378	98	135	34	57	1.96×10^{-3}	53.33
RU125-205U-BV	RU125-205U-BV-A	22	90	110	7	31.3	55～61	145	4×M8 20DP	378	98	135	34	57	1.96×10^{-3}	53.33
RU125-205U-BW	RU125-205U-BW-A	22	90	110	7	31.3	55～61	145	4×M8 20DP	378	98	135	34	57	1.96×10^{-3}	53.33
RU125-205U-BR	RU125-205U-BR-A	22	90	110	7	31.3	55～61	145	4×M8 20DP	378	98	135	34	57	1.96×10^{-3}	53.33
RU125-205U-BS	RU125-205U-BS-A	22	90	110	7	31.3	55～61	145	4×M8 20DP	378	98	135	34	57	1.96×10^{-3}	53.33
RU125-205U-CV	RU125-205U-CV-A	24	90	110	7	31.3	55～61	145	4×M8 20DP	378	98	135	34	57	1.96×10^{-3}	53.33
RU125-205U-CW	RU125-205U-CW-A	24	90	110	7	31.3	55～61	145	4×M8 20DP	378	98	135	34	57	1.96×10^{-3}	53.33
RU125-205U-CR	RU125-205U-CR-A	24	90	110	7	31.3	55～61	145	4×M8 20DP	378	98	135	34	57	1.96×10^{-3}	53.33
RU125-205U-CS	RU125-205U-CS-A	24	90	110	7	31.3	55～61	145	4×M8 20DP	378	98	135	34	57	1.96×10^{-3}	53.33
RU125-205U-DV	RU125-205U-DV-A	35	100	114.3	7	47.8	79～83	200	4×M12 20DP	400	120	180	70	64	2.21×10^{-3}	86.66
RU125-205U-DW	RU125-205U-DW-A	35	100	114.3	7	47.8	79～83	200	4×M12 20DP	400	120	180	70	64	2.21×10^{-3}	86.66
RU125-205U-DR	RU125-205U-DR-A	35	100	114.3	7	47.8	79～83	200	4×M12 20DP	400	120	180	70	64	2.21×10^{-3}	86.66
RU125-205U-DS	RU125-205U-DS-A	35	100	114.3	7	47.8	79～83	200	4×M12 20DP	400	120	180	70	64	2.21×10^{-3}	86.66
RU125-205U-EV	RU125-205U-EV-A	35	100	114.3	7	47.8	79～83	200	4×M12 20DP	400	120	180	70	64	2.52×10^{-3}	133.33
RU125-205U-EW	RU125-205U-EW-A	35	100	114.3	7	47.8	79～83	200	4×M12 20DP	400	120	180	70	64	2.52×10^{-3}	133.33
RU125-205U-ER	RU125-205U-ER-A	35	100	114.3	7	47.8	79～83	200	4×M12 20DP	400	120	180	70	64	2.52×10^{-3}	133.33
RU125-205U-ES	RU125-205U-ES-A	35	100	114.3	7	47.8	79～83	200	4×M12 20DP	400	120	180	70	64	2.52×10^{-3}	133.33

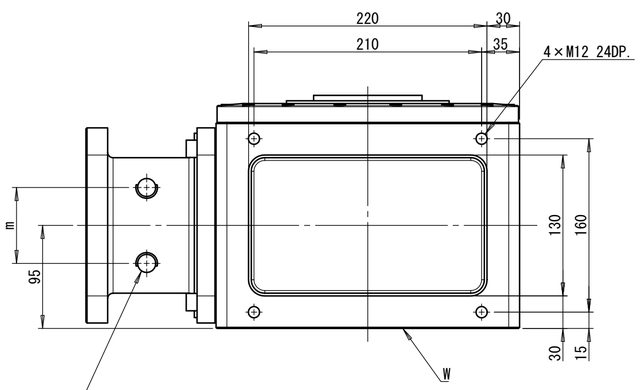
Notes.
*1 モータ軸締結用アクセスホールは製品コードに該当する箇所に2箇所のみ加工
Only two access holes for assembling motor is specified by attachment code to be machined.
*2 慣性モーメント(イナーシャ)はモータ軸換算値とする。(モータイナーシャは含まない)。
The moment of inertia is on motor shaft except for motor of inertia.
*3 サーボモータは上表最大モータトルク以下で使用のこと。
Do not operate the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

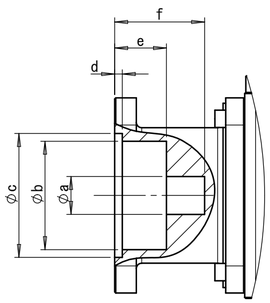












モータ取付部詳細図
Detail of the motor attachment

減速比 Reduction ratio	20	
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-d, b-c	
製品概略質量 Weight	95	kg

Correction	Sign	Date
3		
2		
1		

Scale 1:4 | Date 07/Dec/2015
Designer K. Katsumata | Checker H. Takayama
Draftsman K. Koike | Assent K. Iida

Model RollerDrive RU125-205U
CERTIFIED PRINT
Draw.No. RU1251K3243-000

SANKYO SEISAKUSHO CO.

A2
unit:mm