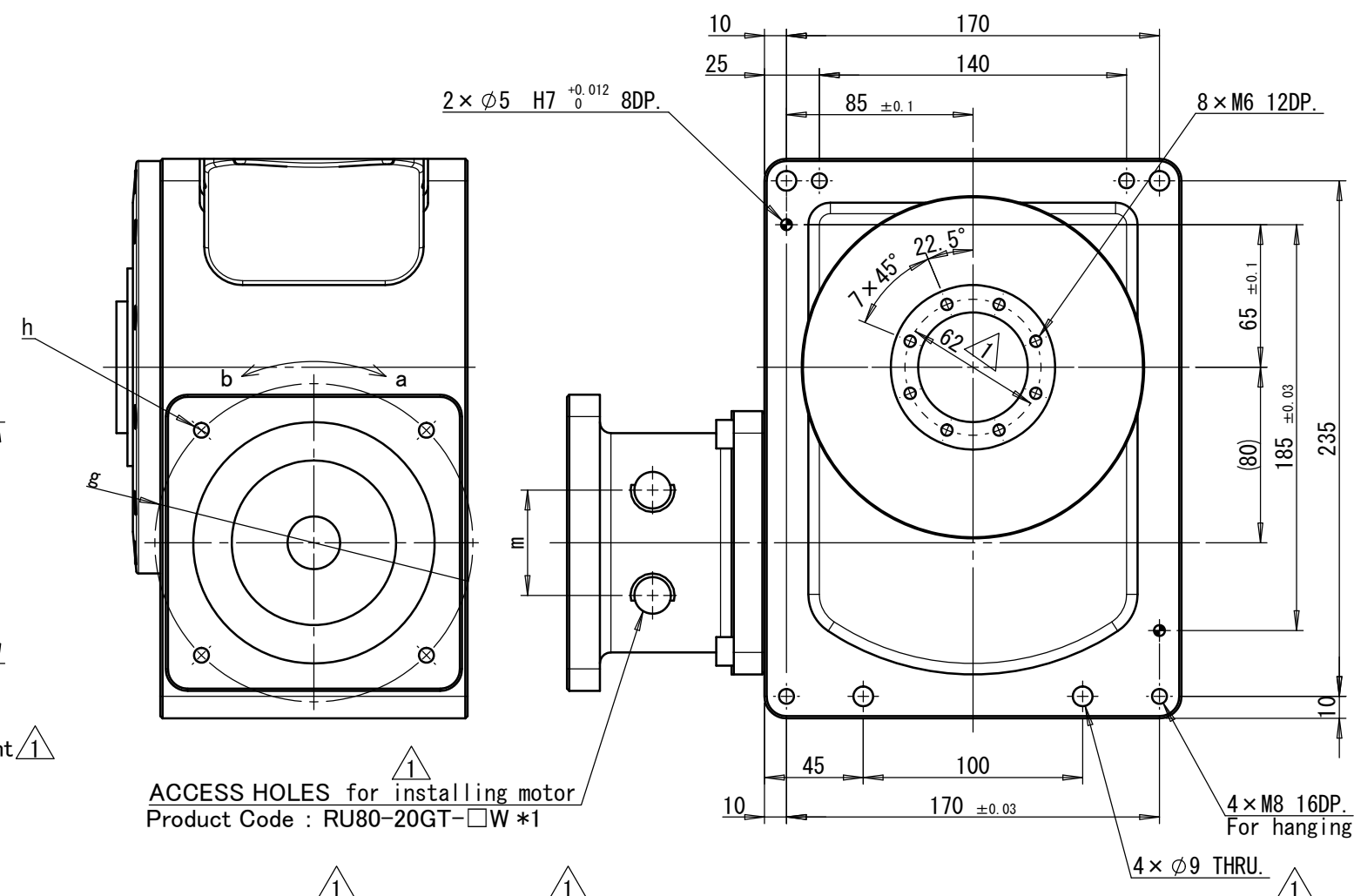
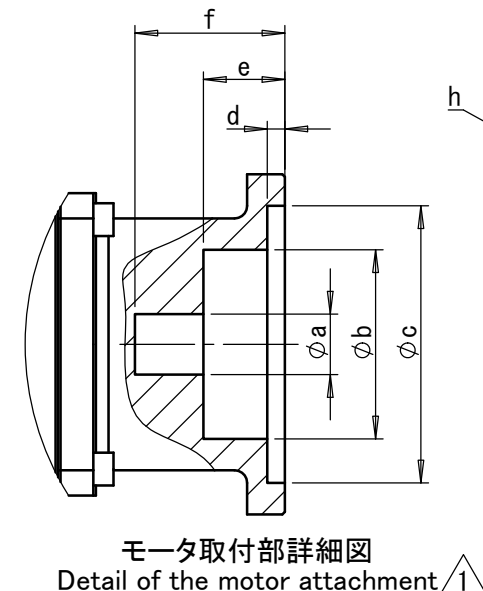
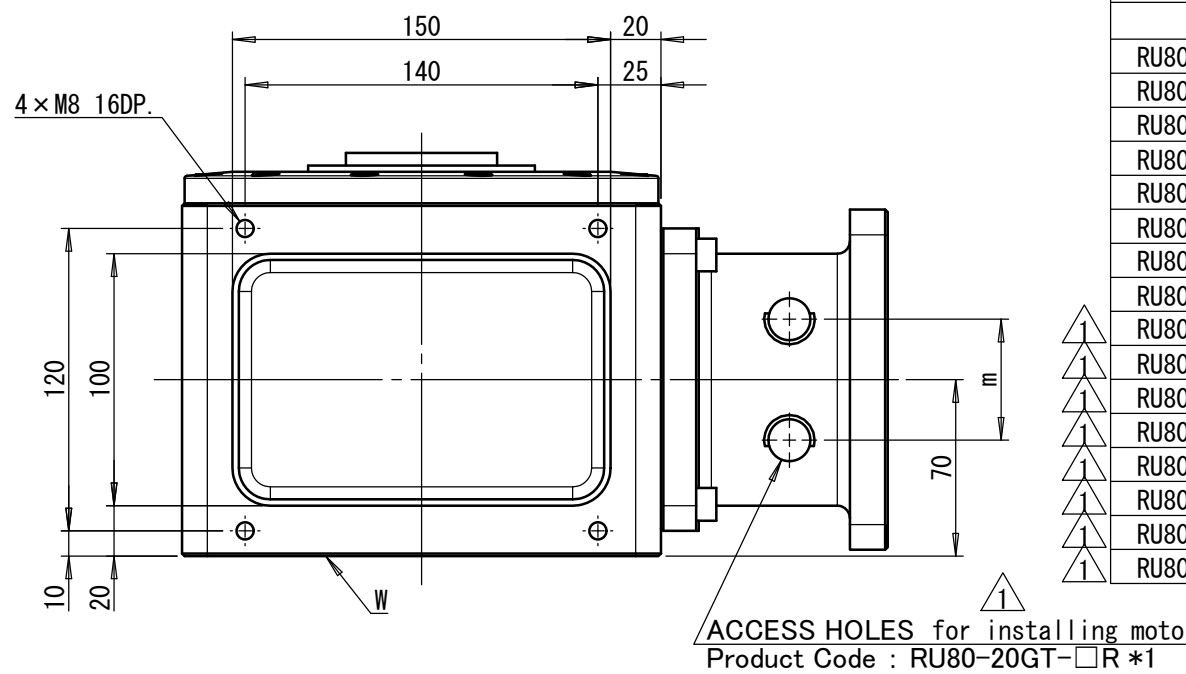


7		8			10				11				12				13	
Product Code		a	b	c	d	e	Dimensions		f	g	h	j	k	l	m	n	Inertia(kg・m ²)*2	Maximum Motor Torque (N・m)*3
RU80-20GT-AV	RU80-20GT-AV-A	10	65	80	5	16.7	32~34	100	4×M6 9DP.	254.5	64.5	95	32	39.8			3.52×10 ⁻⁴	16.66
RU80-20GT-AW	RU80-20GT-AW-A	10	65	80	5	16.7	32~34	100	4×M6 9DP.	254.5	64.5	95	32	39.8			3.52×10 ⁻⁴	16.66
RU80-20GT-AR	RU80-20GT-AR-A	10	65	80	5	16.7	32~34	100	4×M6 9DP.	254.5	64.5	95	32	39.8			3.52×10 ⁻⁴	16.66
RU80-20GT-AS	RU80-20GT-AS-A	10	65	80	5	16.7	32~34	100	4×M6 9DP.	254.5	64.5	95	32	39.8			3.52×10 ⁻⁴	16.66
RU80-20GT-BV	RU80-20GT-BV-A	14	65	80	5	16.7	32~34	100	4×M6 9DP.	254.5	64.5	95	32	39.8			3.52×10 ⁻⁴	16.66
RU80-20GT-BW	RU80-20GT-BW-A	14	65	80	5	16.7	32~34	100	4×M6 9DP.	254.5	64.5	95	32	39.8			3.52×10 ⁻⁴	16.66
RU80-20GT-BR	RU80-20GT-BR-A	14	65	80	5	16.7	32~34	100	4×M6 9DP.	254.5	64.5	95	32	39.8			3.52×10 ⁻⁴	16.66
RU80-20GT-BS	RU80-20GT-BS-A	14	65	80	5	16.7	32~34	100	4×M6 9DP.	254.5	64.5	95	32	39.8			3.52×10 ⁻⁴	16.66
RU80-20GT-CV	RU80-20GT-CV-A	14	65	80	6	20.2	36.5~37.5	100	4×M6 13DP.	258	68	95	32	39.8			3.52×10 ⁻⁴	16.66
RU80-20GT-CW	RU80-20GT-CW-A	14	65	80	6	20.2	36.5~37.5	100	4×M6 13DP.	258	68	95	32	39.8			3.52×10 ⁻⁴	16.66
RU80-20GT-CR	RU80-20GT-CR-A	14	65	80	6	20.2	36.5~37.5	100	4×M6 13DP.	258	68	95	32	39.8			3.52×10 ⁻⁴	16.66
RU80-20GT-CS	RU80-20GT-CS-A	14	65	80	6	20.2	36.5~37.5	100	4×M6 13DP.	258	68	95	32	39.8			3.52×10 ⁻⁴	16.66
RU80-20GT-DV	RU80-20GT-DV-A	16	65	80	6	24.2	40~41.5	100	4×M6 17DP.	262	72	95	32	39.8			3.52×10 ⁻⁴	16.66
RU80-20GT-DW	RU80-20GT-DW-A	16	65	80	6	24.2	40~41.5	100	4×M6 17DP.	262	72	95	32	39.8			3.52×10 ⁻⁴	16.66
RU80-20GT-DR	RU80-20GT-DR-A	16	65	80	6	24.2	40~41.5	100	4×M6 17DP.	262	72	95	32	39.8			3.52×10 ⁻⁴	16.66
RU80-20GT-DS	RU80-20GT-DS-A	16	65	80	6	24.2	40~41.5	100	4×M6 17DP.	262	72	95	32	39.8			3.52×10 ⁻⁴	16.66
RU80-20GT-EV	RU80-20GT-EV-A	19	65	70	5	24.2	40~41.5	90	4×M6 12DP.	262	72	95	32	39.8			3.52×10 ⁻⁴	16.66
RU80-20GT-EW	RU80-20GT-EW-A	19	65	70	5	24.2	40~41.5	90	4×M6 12DP.	262	72	95	32	39.8			3.52×10 ⁻⁴	16.66
RU80-20GT-ER	RU80-20GT-ER-A	19	65	70	5	24.2	40~41.5	90	4×M6 12DP.	262	72	95	32	39.8			3.52×10 ⁻⁴	16.66
RU80-20GT-ES	RU80-20GT-ES-A	19	65	70	5	24.2	40~41.5	90	4×M6 12DP.	262	72	95	32	39.8			3.52×10 ⁻⁴	16.66
RU80-20GT-FV	RU80-20GT-FV-A	19	75	110	7	32.3	55~59.5	145	4×M8 15DP.	280	90	135	48	51			3.83×10 ⁻⁴	53.33
RU80-20GT-FW	RU80-20GT-FW-A	19	75	110	7	32.3	55~59.5	145	4×M8 15DP.	280	90	135	48	51			3.83×10 ⁻⁴	53.33
RU80-20GT-FR	RU80-20GT-FR-A	19	75	110	7	32.3	55~59.5	145	4×M8 15DP.	280	90	135	48	51			3.83×10 ⁻⁴	53.33
RU80-20GT-FS	RU80-20GT-FS-A	19	75	110	7	32.3	55~59.5	145	4×M8 15DP.	280	90	135	48	51			3.83×10 ⁻⁴	53.33



減速比 Reduction ratio	20	
静定格出力トルク Static output torque rating	360	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	125	min ⁻¹
定格出力回転数 Nominal output speed	35	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	16,500	N
出力軸許容ラジアル荷重 Maximum radial load of output	14,000	N
出力軸許容モーメント荷重 Maximum moment load of output	1,000	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	35	kg



- 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メント以下で使用のこと。
Do not operate the servo motor more than specified maximum motor torque which is on above table.

Dimensions																Maximum Motor Torque (N · m)*3
Product Code		a	b	c	d	e	f	g	h	j	k	l	m	n	Inertia(kg · m ²)*2	
RU80-20GT-GV	RU80-20GT-GV-A	22	75	110	7	32.3	55~59.5	145	4×M8 15DP.	280	90	135	48	51	3.83×10 ⁻⁴	53.33
RU80-20GT-GW	RU80-20GT-GW-A	22	75	110	7	32.3	55~59.5	145	4×M8 15DP.	280	90	135	48	51	3.83×10 ⁻⁴	53.33
RU80-20GT-GR	RU80-20GT-GR-A	22	75	110	7	32.3	55~59.5	145	4×M8 15DP.	280	90	135	48	51	3.83×10 ⁻⁴	53.33
RU80-20GT-GS	RU80-20GT-GS-A	22	75	110	7	32.3	55~59.5	145	4×M8 15DP.	280	90	135	48	51	3.83×10 ⁻⁴	53.33
RU80-20GT-HV	RU80-20GT-HV-A	24	75	110	7	32.3	55~59.5	145	4×M8 15DP.	280	90	135	48	51	3.83×10 ⁻⁴	53.33
RU80-20GT-HW	RU80-20GT-HW-A	24	75	110	7	32.3	55~59.5	145	4×M8 15DP.	280	90	135	48	51	3.83×10 ⁻⁴	53.33
RU80-20GT-HR	RU80-20GT-HR-A	24	75	110	7	32.3	55~59.5	145	4×M8 15DP.	280	90	135	48	51	3.83×10 ⁻⁴	53.33
RU80-20GT-HS	RU80-20GT-HS-A	24	75	110	7	32.3	55~59.5	145	4×M8 15DP.	280	90	135	48	51	3.83×10 ⁻⁴	53.33
RU80-20GT-JV	RU80-20GT-JV-A	16	65	80	6	20.2	36.5~37.5	100	4×M6 13DP.	258	68	95	32	39.8	3.52×10 ⁻⁴	16.66
RU80-20GT-JW	RU80-20GT-JW-A	16	65	80	6	20.2	36.5~37.5	100	4×M6 13DP.	258	68	95	32	39.8	3.52×10 ⁻⁴	16.66
RU80-20GT-JR	RU80-20GT-JR-A	16	65	80	6	20.2	36.5~37.5	100	4×M6 13DP.	258	68	95	32	39.8	3.52×10 ⁻⁴	16.66
RU80-20GT-JS	RU80-20GT-JS-A	16	65	80	6	20.2	36.5~37.5	100	4×M6 13DP.	258	68	95	32	39.8	3.52×10 ⁻⁴	16.66
RU80-20GT-KV	RU80-20GT-KV-A	16	65	70	5	24.2	40~41.5	90	4×M6 12DP.	262	72	95	32	39.8	3.52×10 ⁻⁴	16.66
RU80-20GT-KW	RU80-20GT-KW-A	16	65	70	5	24.2	40~41.5	90	4×M6 12DP.	262	72	95	32	39.8	3.52×10 ⁻⁴	16.66
RU80-20GT-KR	RU80-20GT-KR-A	16	65	70	5	24.2	40~41.5	90	4×M6 12DP.	262	72	95	32	39.8	3.52×10 ⁻⁴	16.66
RU80-20GT-KS	RU80-20GT-KS-A	16	65	70	5	24.2	40~41.5	90	4×M6 12DP.	262	72	95	32	39.8	3.52×10 ⁻⁴	16.66

Scale	1:3	Date	03/Apr./2014
Designer	K. Katsumata	Checker	H. Takayama
Draftsman	Y. Tomiyama	Assent	K. Iida

Correction of the drawing	10	K. Koike	19/Nov/2015
Correction		Sign	Date
Model	RollerDrive RU80-20GT		CERTIFIED PRINT
Draw.No.	RU0807Z0088-010		