

K8G□BRS(Solid Shaft Type)

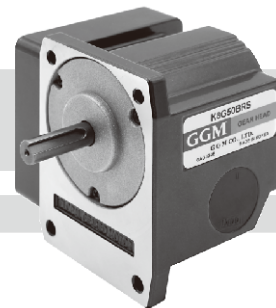
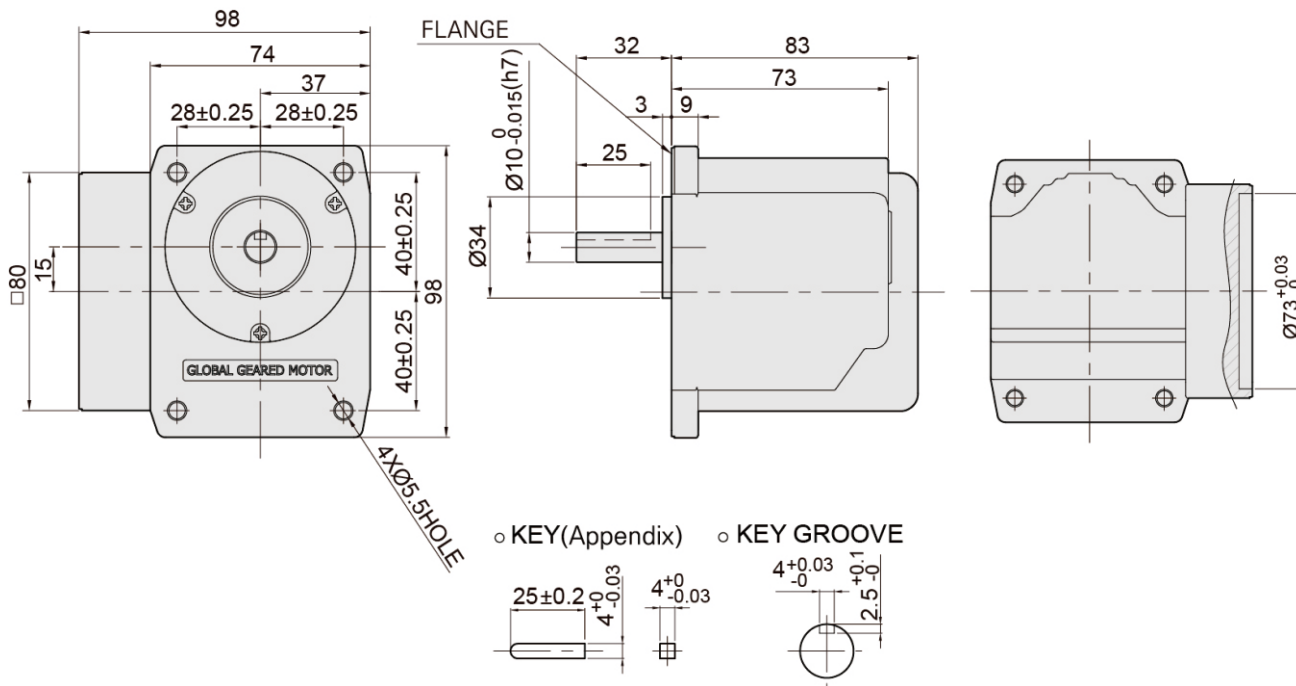


Diagram and general contents

Outline Drawing



RATED TORQUE OF GEARHEAD

● INDUCTION MOTOR / 50Hz

Unit = above : N · m / below : kgfcm

Model	Speed(rpm)	500	416	300	250	200	166	120	100	83	60	50	42	30	25	20	17	15	12.5	10	8.3
Motor/Gearhead	Ratio	3	3.6	5	6	7.5	9	12.5	15	18	25	30	36	50	60	75	90	100	120	150	180
K8I□25N□(-T, -T5) / K8G□BRS		0.28	0.33	0.46	0.56	0.69	0.83	1.57	1.89	2.26	3.15	3.77	4.53	6.29	7.55	8	8	8	8	8	8
		2.8	3.3	4.6	5.6	6.9	8.3	15.7	18.9	23	31.5	37.7	45	62.9	75.5	80	80	80	80	80	80

● INDUCTION MOTOR / 60Hz

Unit = above : N · m / below : kgfcm

Model	Speed(rpm)	600	500	360	300	240	200	144	120	100	72	60	50	36	30	24	20	18	15.0	12	10.0
Motor/Gearhead	Ratio	3	3.6	5	6	7.5	9	12.5	15	18	25	30	36	50	60	75	90	100	120	150	180
K8I□25N□(-T, -T5) / K8G□BRS		0.23	0.28	0.39	0.47	0.58	0.70	1.32	1.58	1.90	2.64	3.16	3.79	5.27	6.32	7.91	8	8	8	8	8
		2.3	2.8	3.9	4.7	5.8	7.0	13.2	15.8	19	26.4	31.6	38	52.7	63.2	79	80	80	80	80	80

- * The code in □ of gearhead model is for gear ratio.
- * Output shaft of the geared motor rotates in the opposite direction of the motor. Others indicate rotation in the opposite direction.
- * RPM is based on motor's synchronous rpm (50HZ:1500rpm, 60HZ:1800rpm) and calculated by dividing gear ratio. Actual rpm is 2~20% less than indicating rpm according to load size.
- * Output torque become smaller during starting than rated because of low transferring efficiency.

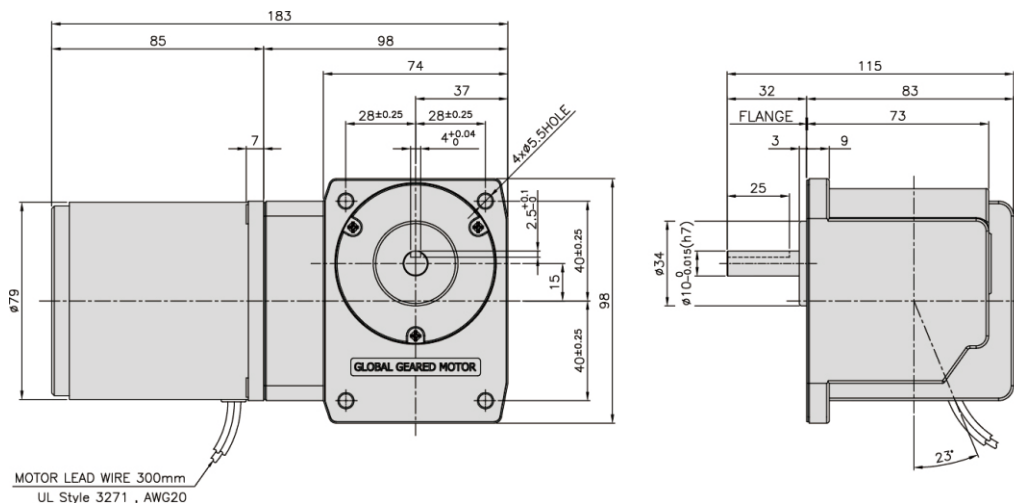
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DIMENSIONS

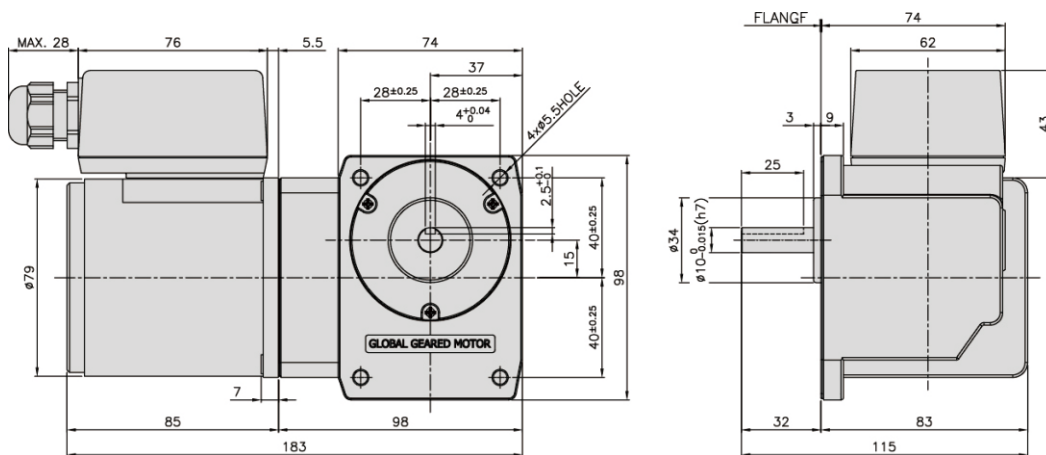
RATED TORQUE A WEIGHT

	PART	WEIGHT(kg)	MOUNTING BOLT
MOTOR	GEAR HEAD	1.60	M5 P0.8 X 15
	K8IG25N□	1.58	
	K8IG25N□-T	1.76	
	K8IG25N□-T5	1.76	

K8□G25N□+K8G□BRS



K8□G25N□-T+K8G□BRS



K8□G25N□-T5+K8G□BRS

