Brushless Motor List of characteristics with gears

		Reduction ratio denominator	3.0	3.6	5.0	6.0	7.5	9.0	10.0	12.5	15.0	18.0	20.0	25.0	30.0	36.0	50.0	60.0	75.0	90.0	100.0	120.0	150.0	180.0	200.0
		Gear reduction ratio	1/3	1/3.6	1/5	1/6	1/7.5	1/9	1/10	1/12.5	1/15	1/18	1/20	1/25	1/30	1/36	1/50	1/60	1/75	1/90	1/100	1/120	1/150	1/180	1/200
GV, GU Series	50 W	Rated rotational speed (r/min)	1000.0	833.3	600.0	500.0	400.0	333.3	300.0	240.0	200.0	166.7	150.0	120.0	100.0	83.3	60.0	50.0	40.0	33.3	30.0	25.0	20.0	16.7	-
		Rated rotational Max. speed (r/min)	1333.3	1111.1	800.0	666.7	533.3	444.4	400.0	320.0	266.7	222.2	200.0	160.0	133.3	111.1	80.0	66.7	53.3	44.4	40.0	33.3	26.7	22.2	-
		Rated torque (N·m)	0.5	0.6	0.8	1.0	1.2	1.4	1.6	2.0	2.4	2.9	3.2	4.0	4.8	5.8	8.0	9.6	12.0	14.4	16.0	19.2	24.0	28.8	-
		Starting torque (N·m)	0.7	0.9	1.2	1.4	1.8	2.2	2.4	3.0	3.6	4.3	4.8	6.0	7.2	8.6	12.0	14.4	18.0	21.6	24.0	28.8	36.0	43.2	-
	90 W	Rated rotational speed (r/min)	1000.0	833.3	600.0	500.0	400.0	333.3	300.0	240.0	200.0	166.7	150.0	120.0	100.0	83.3	60.0	50.0	40.0	33.3	30.0	25.0	20.0	16.7	15.0
		Rated rotational Max. speed (r/min)	1333.3	1111.1	800.0	666.7	533.3	444.4	400.0	320.0	266.7	222.2	200.0	160.0	133.3	111.1	80.0	66.7	53.3	44.4	40.0	33.3	26.7	22.2	20.0
		Rated torque (N·m)	0.9	1.0	1.5	1.7	2.2	2.6	2.9	3.6	4.4	5.2	5.8	7.3	8.7	10.4	14.5	17.4	21.8	26.1	29.0	34.8	43.5	52.2	58.0
		Starting torque (N·m)	1.3	1.5	2.2	2.6	3.2	3.9	4.3	5.4	6.5	7.7	8.6	10.8	12.9	15.5	21.5	25.8	32.3	38.7	43.0	51.6	64.5	77.4	86.0
	130 W	Rated rotational speed (r/min)	1000.0	833.3	600.0	500.0	400.0	333.3	300.0	240.0	200.0	166.7	150.0	120.0	100.0	83.3	60.0	50.0	40.0	33.3	30.0	25.0	20.0	16.7	15.0
		Rated rotational Max. speed (r/min)	1333.3	1111.1	800.0	666.7	533.3	444.4	400.0	320.0	266.7	222.2	200.0	160.0	133.3	111.1	80.0	66.7	53.3	44.4	40.0	33.3	26.7	22.2	20.0
		Rated torque (N·m)	1.2	1.5	2.1	2.5	3.1	3.7	4.1	5.1	6.2	7.4	8.2	10.3	12.3	14.8	20.5	24.6	30.8	36.9	41.0	49.2	61.5	73.8	82.0
		Starting torque (N·m)	1.9	2.2	3.1	3.7	4.7	5.6	6.2	7.8	9.3	11.2	12.4	15.5	18.6	22.3	31.0	37.2	46.5	55.8	62.0	74.4	93.0	111.6	124.0
GP Series	50 W	Rated rotational speed (r/min)	-	-	600.0	-	-	-	300.0	-	200.0	-	150.0	-	100.0	-	60.0	-	-	-	-	-	-	-	-
		Rated rotational Max. speed (r/min)	-	-	800.0	-	-	-	400.0	-	266.7	-	200.0	-	133.3	-	80.0	-	-	-	-	-	-	-	-
		Rated torque (N·m)	-	-	0.8	-	-	-	1.6	-	2.4	-	3.2	-	4.8	-	8.0	-	-	-	-	-	-	-	-
		Starting torque (N·m)	-	-	1.2	-	-	-	2.4	-	3.6	-	4.8	-	7.2	-	12.0	-	-	-	-	-	-	-	-
	90 W	Rated rotational speed (r/min)	-	-	600.0	-	-	-	300.0	-	200.0	-	150.0	-	100.0	-	60.0	-	-	-	-	-	-	-	-
		Rated rotational Max. speed (r/min)	-	-	800.0	-	-	-	400.0	-	266.7	-	200.0	-	133.3	-	80.0	-	-	-	-	-	-	-	-
		Rated torque (N·m)	-	-	1.5	-	-	-	2.9	-	4.4	-	5.8	-	8.7	-	14.5	-	-	-	-	-	-	-	-
		Starting torque (N·m)	-	-	2.2	-	-	-	4.3	-	6.5	-	8.6	-	12.9	-	21.5	-	-	-	-	-	-	-	-
	130 W	Rated rotational speed (r/min)	-	-	600.0	-	-	-	300.0	-	200.0	-	150.0	-	100.0	-	60.0	-	-	-	-	-	-	-	-
		Rated rotational Max. speed (r/min)	-	-	800.0	-	-	-	400.0	-	266.7	-	200.0	-	133.3	-	80.0	-	-	-	-	-	-	-	-
		Rated torque (N·m)	-	-	2.1	-	-	-	4.1	-	6.2	-	8.2	-	12.3	-	20.5	-	-	-	-	-	-	-	-
		Starting torque (N·m)	-	-	3.1	-	-	-	6.2	-	9.3	-	12.4	-	18.6	-	31.0	-	-	-	-	-	-	-	-