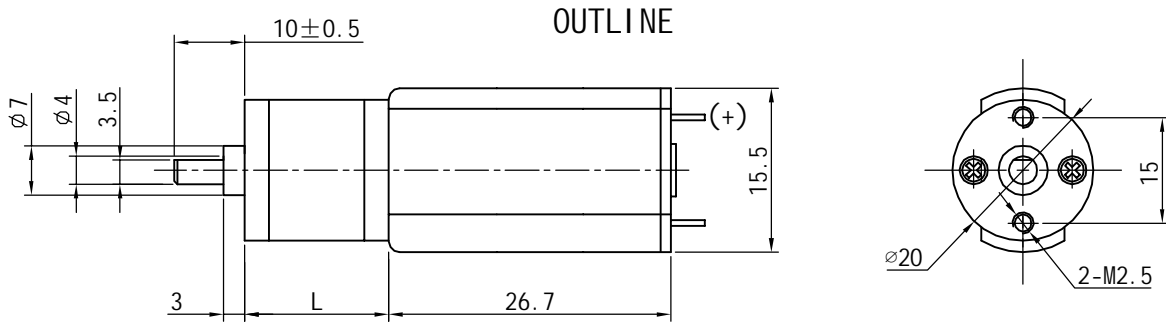


KM-20A050

Reduction Ratio				the length of gear box/L
10	20.3	31		16.2
78	90	104	120	17.7
195	225	260	301	19.2
488	564	652		20.7



Motor Installation

MODEL	VOLTAGE		NO LOAD		ON LOAD				STALL	
	OPERING RANG	NOMINAL	CURRENT	SPEED	CURRENT	SPEED	TORQUE	INPUT	TORQUE	CURRENT
		V	A	r/min	A	r/min	g. cm	w	g. cm	A
FF-050SH-11170	3-12	6	0.05	8200	0.05	7000	6	0.43	38	0.65
		8	0.055	11000	0.055	9700	7	0.7	49	0.85
FF-050SK-13130	2-4	2	0.038	3700	0.038	3000	3	0.092	17	0.4
		4	0.05	7600	0.05	6300	6	0.39	35	0.82

Geared Motor Installation

REDUCTION RATIO	1/31	1/90	1/120	1/195	1/301	1/488
NO LOAD SPEED(rpm)	257	90	68	42	27	16
NO LOAD CURRENT(mA)	0.08	0.09	0.09	0.11	0.11	0.11
RATCD TORQUE(kg. cm)	0.1	0.5	0.6	1	1.5	2.5
RATCD CURRENT(mA)	170	170	175	175	180	185
RATCD SPEED(rpm)	205	72	55	33	21	12