



# SG-775125000 Series

(12VDC STANDARD)

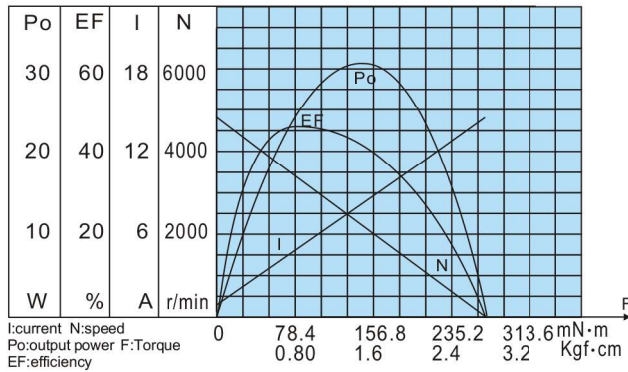
DC GEARED MOTOR

OUTPUT POWER: 20W(APPROX)

WEIGHT: 800~1000g(APPROX)

**Typical applications:** Money counting machine, OA equipment, medical equipment, printers, label printers, paper shredder, slot machines, office automation equipment, central heating IC card, money-handling machine.

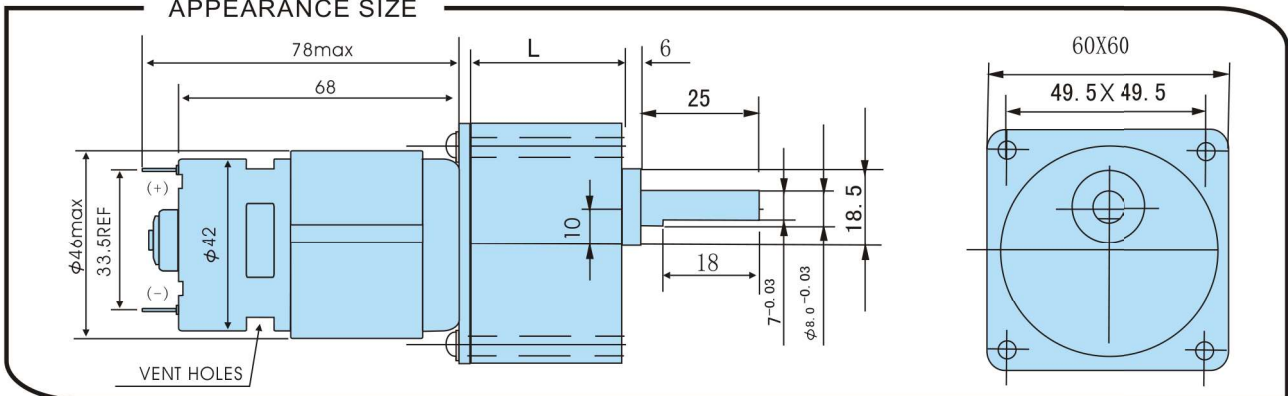
## MOTOR CHARACTERISTICS



## MOTOR TORQUE/SPEED/CURRENT

Rated voltage	12VDC
No load speed	5000r/min
No load current	600mA
Rated torque	650gf · cm 63.7mN · m
Rated current	4.0A
Rated speed	3750r/min
Stall torque	2700gf · cm 264.6mN · m
Stall current	14.0A

## APPEARANCE SIZE



## GEARED MOTOR TORQUE/SPEED/CURRENT

Geared motor name	Rated Volt. V	No Load		Load torque				At maximum efficiency		Output power W	Number of gear trains	Gearbox length "L" mm
		Current mA	Speed r/min	Current A	Speed r/min	Torque		Kg·cm	N·m			
						Kg·cm	N·m					
SG-775125000-3.2K	12	≤500	1563	≤4.0	1172	1.68	0.16	6.0	0.59	20	2	28.5
SG-775125000-7.2K	12	≤500	694	≤4.0	521	3.79	0.37	12.0	1.18	20	2	28.5
SG-775125000-10K	12	≤500	500	≤4.0	375	5.27	0.52	16.0	1.57	20	2	28.5
SG-775125000-20K	12	≤500	250	≤4.0	188	10.5	1.03	33.0	3.23	20	2	28.5
SG-775125000-30K	12	≤500	167	≤4.0	125	14.2	1.39	42.0	4.12	17.8	3	28.5
SG-775125000-40K	12	≤500	125	≤4.0	94	19.0	1.86	57.0	5.59	17.8	3	28.5
SG-775125000-60K	12	≤500	83	≤4.0	63	28.5	2.79	87.0	8.53	17.8	3	28.5
SG-775125000-90K	12	≤500	56	≤4.0	42	38.6	3.78	117	11.5	16	4	38.5
SG-775125000-120K	12	≤500	42	≤4.0	31	51.5	5.05	156	15.3	16	4	38.5
SG-775125000-180K	12	≤500	28	≤4.0	24	60.0	5.88	180	17.64	14.4	4	38.5
SG-775125000-360K	12	≤500	14	≤4.0	12.5	60.0	5.88	180	17.64	7.5	4	38.5
SG-775125000-510K	12	≤500	10	≤4.0	9.1	60.0	5.88	180	17.64	5.5	4	38.5
Other Ratio	1:4.8(1040r/min), 1:13.3(376r/min), 1:270(18.5r/min).											
Packing Details	CTN size:28X17.5XH13CM 8PCS/CTN N.W.12Kgs											