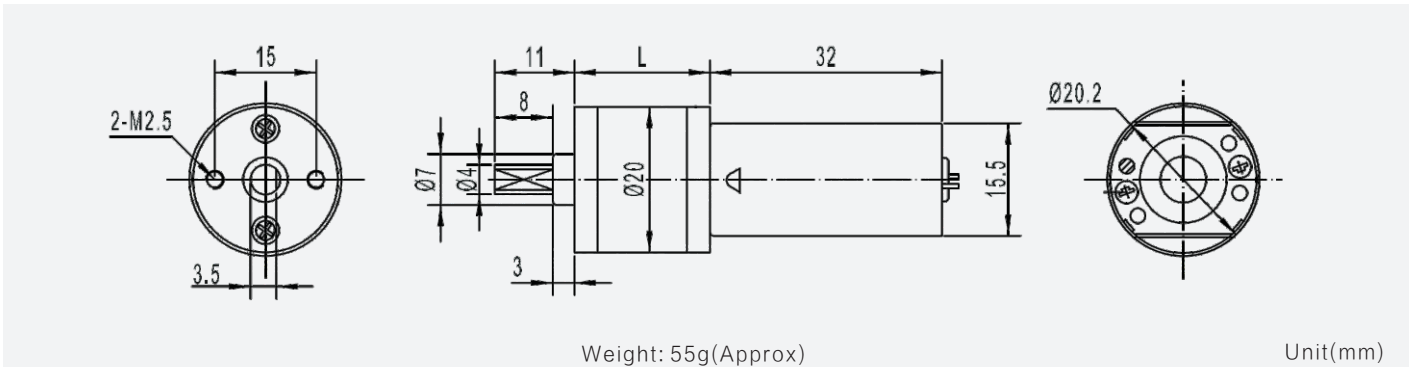


GM20-180SH

20mm gearbox plus 180 permanent magnet DC motor

模数 Module	0.25/0.3/0.35			
额定负载 Rated torque (kg.cm)	2.5 kg.cm max			
瞬间允许力矩 Max momentary tolerance torque (kg.cm)	5.0 kg.cm max			
减速比 Reduction ratio	1/29、1/31	1/56、1/60 1/73、1/78	1/107、1/115 1/140、1/150 1/182、1/195	1/268、1/287 1/349、1/374 1/456、1/488
齿轮箱减速级数 Number of gear stages	4	5	6	7
减速箱长度 Gearbox length L (mm)	15.9	17.4	18.9	20.4



减速电机技术参数 Gear Motor Technical Data

电压 Voltage	减速比 Reduction ratio	性能 Performance																																																											
		空载转速 No-load speed (rpm)	负载转速 Rated speed (rpm)	负载力矩 Rated torque (kg.cm)	空载转速 No-load speed (rpm)	负载转速 Rated speed (rpm)	负载力矩 Rated torque (kg.cm)	空载转速 No-load speed (rpm)	负载转速 Rated speed (rpm)	负载力矩 Rated torque (kg.cm)	空载转速 No-load speed (rpm)	负载转速 Rated speed (rpm)	负载力矩 Rated torque (kg.cm)																																																
6.0V	29	230	200	0.4	170	150	0.2	31	190	0.4	155	140	0.2	56	105	0.7	88	77	0.3	73	80	0.9	67	60	0.4	107	55	1.3	48	40	0.6	182	32	2.2	28	24	1.1	268	22	2.5	19	16	1.5	349	17	2.5	15	13	1.7	456	14	2.5	11	10	2.2	488	14	2.5	9	9	2.4
	31	215	190	0.4	155	140	0.2	56	105	0.7	88	77	0.3	73	80	0.9	67	60	0.4	107	55	1.3	48	40	0.6	182	32	2.2	28	24	1.1	268	22	2.5	19	16	1.5	349	17	2.5	15	13	1.7	456	14	2.5	11	10	2.2	488	14	2.5	9	9	2.4						
	56	120	105	0.7	88	77	0.3	73	80	0.9	67	60	0.4	107	55	1.3	48	40	0.6	182	32	2.2	28	24	1.1	268	22	2.5	19	16	1.5	349	17	2.5	15	13	1.7	456	14	2.5	11	10	2.2	488	14	2.5	9	9	2.4												

单电机技术参数 Motor Technical Data

电机型号 Motor model	额定电压 Rated voltage	无负荷 No-load		额定 Rated			堵转 Stall		
		转速 Speed	电流 Current	转速 Speed	力矩 Torque	电流 Current	功率 Power	力矩 Torque	电流 Current
	VDC	r/min	mA	r/min	g.cm	mA	W	g.cm	A
TFF-180SH-18140	6.0	7000	90	5900	20	350	1.21	127	1.80
TFF-180SH-10400	12.0	5000	20	4300	10	70	0.44	71	0.42

