

type: HPM72-10000

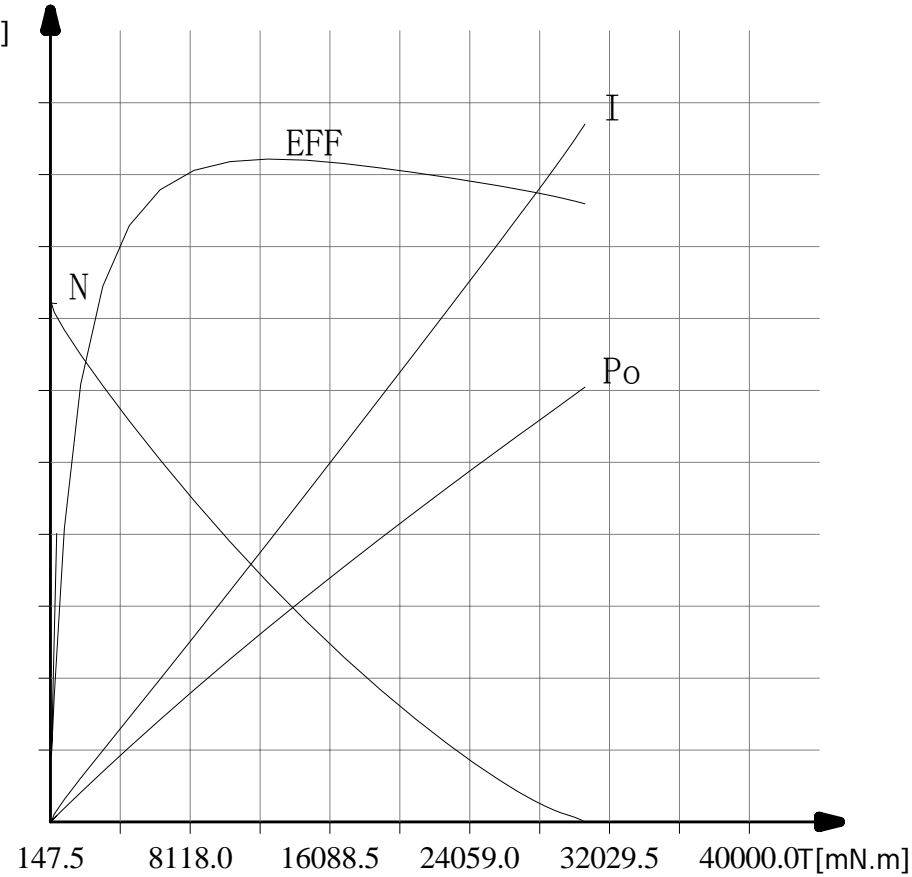
NO. : G20130522004

operator: 001

date: 2013-5-22

GOLDEN MOTOR Motor test curve

U[V]	I[A]	Pin[W]	PF[/]	N[rpm]	Pout[W]	EFF[%]
80.00	200.000	20000.00	1.00	5000	20000.00	100.0
79.12	180.730	18052.41	0.90	4878	18007.18	91.1
78.24	161.459	16104.82	0.80	4756	16014.35	82.2
77.36	142.189	14157.23	0.70	4634	14021.53	73.3
76.48	122.919	12209.64	0.60	4512	12028.71	64.4
75.60	103.648	10262.06	0.50	4390	10035.89	55.5
74.73	84.378	8314.47	0.40	4267	8043.06	46.6
73.85	65.108	6366.88	0.30	4145	6050.24	37.7
72.97	45.838	4419.29	0.20	4023	4057.42	28.8
72.09	26.567	2471.70	0.10	3901	2064.59	19.9
71.21	7.297	524.11	0.00	3779	71.77	11.0



Description	voltage (V)	current (A)	P. input (W)	torque (mN. m)	rotate (RPM)	P. output (W)	eff (%)
Upload point	71.83	7.297	524.11	468.0	4659	228.32	43.6
Most efficiency point	71.39	82.071	5858.31	12539.8	4186	5450.05	93.0
Max Po. point	71.32	194.231	13853.12	30626.3	3779	12118.59	87.5
Max torque point	71.32	194.231	13853.12	30626.3	3779	12118.59	87.5
End point	71.32	194.243	13854.35	30627.5	3779	12119.51	87.5
Rated rotatepoint	71.32	194.231	13853.12	30626.3	3779	12118.59	87.5