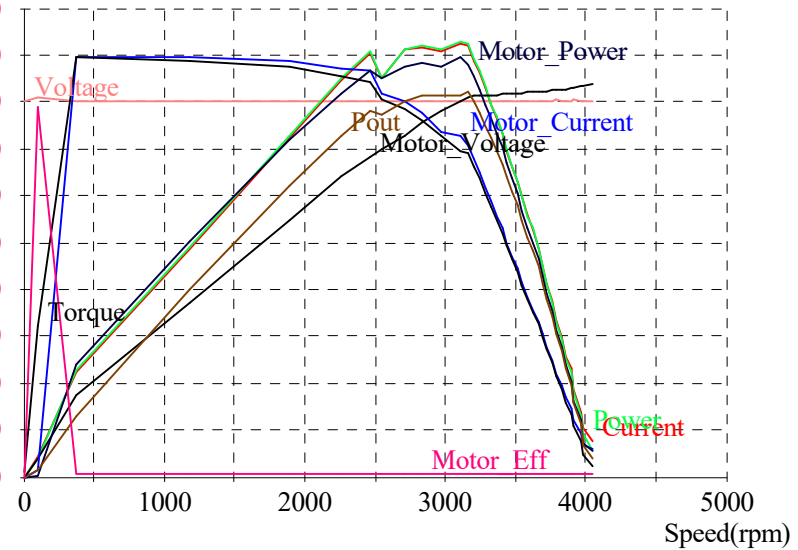


Changzhou Goldenmotor Technology Co.,Ltd

Customer:
 ProductName HPM Motor
 Motor Type: 72V20KW
 Number:

Voltage: 72V
 Power rated: 20KW
 Tester: Liuzhipeng WangChao
 Test Data: 2023.09.14

| Voltage V | Current A | Power W | Motor_V V | Motor_Current A | Motor_Power W | Torque N.m | Pout W | Motor_Eff % |
|--------------|--------------|------------|--------------|--------------------|------------------|---------------|-----------|----------------|
| 90 | 350 | 25000 | 60 | 450 | 25000 | 90 | 25000 | 12000 |
| 81 | 315 | 22500 | 54 | 405 | 22500 | 81 | 22500 | 10800 |
| 72 | 280 | 20000 | 48 | 360 | 20000 | 72 | 20000 | 9600 |
| 63 | 245 | 17500 | 42 | 315 | 17500 | 63 | 17500 | 8400 |
| 54 | 210 | 15000 | 36 | 270 | 15000 | 54 | 15000 | 7200 |
| 45 | 175 | 12500 | 30 | 225 | 12500 | 45 | 12500 | 6000 |
| 36 | 140 | 10000 | 24 | 180 | 10000 | 36 | 10000 | 4800 |
| 27 | 105 | 7500 | 18 | 135 | 7500 | 27 | 7500 | 3600 |
| 18 | 70 | 5000 | 12 | 90 | 5000 | 18 | 5000 | 2400 |
| 9 | 35 | 2500 | 6 | 45 | 2500 | 9 | 2500 | 1200 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |



| State | 输入电压 V | 输入电流 A | 输入功率 W | 电机电压 V | 电机电流 A | 电机功率 W | 电机功率因数 | 电机频率 Hz | 转矩 N.m | 转速 rpm | 输出功率 W | 控制器效率 % | 电机效率 % | 总效率 % | 时间 S |
|------------|-----------|-----------|-----------|-----------|-----------|-----------|--------|------------|-----------|-----------|-----------|------------|-----------|----------|---------|
| No_Load | 72.28 | 26.16 | 1394 | 50.38 | 26.93 | 1348 | 0.574 | 323.22 | 2.2 | 4044.9 | 931.7 | 96.7 | 69.1 | 66.9 | 0.000 |
| Rated | | | | | | | | | | | | | | | |
| Eff_max | 72.24 | 144.6 | 10311 | 49.41 | 123.6 | 9753 | 0.921 | 248.38 | 24.4 | 3726.4 | 9520 | 94.6 | 97.6 | 92.3 | 19.13 |
| Pout_max | 72.14 | 321.6 | 23081 | 48.66 | 317.3 | 22020 | 0.822 | 211.11 | 62.1 | 3165.5 | 20582 | 95.4 | 93.5 | 89.2 | 49.31 |
| Torque_max | 72.27 | 78.33 | 5642 | 10.33 | 403.0 | 5981 | 0.830 | 33.97 | 80.6 | 377.0 | 3181 | 106.0 | 53.2 | 56.4 | 69.44 |
| End | 72.28 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.00 | 1.0 | 0 | 0 | 0.0 | 0.0 | 0.0 | 73.46 |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |