深圳中菱科技有限公司 Motor Load Characteristics Curve

No: FA2201080004

Motor Type: ZLLG80ASM800-48V

| | | | | | | | | | | T(N.m) | N(r/min) | Pout (W) | U(V) | I (A) | Pin(W) | Eff(%) |
|---------|--------------|--------|--------|-------------------|----------|-------|----------------|----------------------|--------------------|------------------|----------------|--------------------|------------------|--------------------|--------------------|----------------|
| | | | | | | | | | | 0.15 | 136.8 | 2.15 | 36.07 | 0. 977 | 33.12 | 6.5 |
| Pin(W) | шал | I(A) | | | | | | 140 NI/m/m | -im) Fff(0/) | 0.42 | 136. 4 | 5.99 | 36.07 | 1.065 | 36.56 | 16.4 |
| | U(V) 45.0 | | | | | | | | /) N(r/min) Eff(%) | 1.05 | 135.0 | 14.83 | 36.07 | 1. 317 | 46.07 | 32. 2 |
| 1100.0 | | 30.0 | | | | | 1100.0 | 0.0 160 | .0 100 | 2.10 | 133. 2 | 29. 27 | 36.07 | 1. 721 | 61.07 | 47. 9 |
| 990.0 | 40.5 | 27.0 | | | | | 990.0 | 0 144. | .0 90 - | 3.53 | 130. 4 | 48. 17 | 36.07 | 2. 273 | 80. 92 | 59.5 |
| | | 27.0 | | | | | | 0 144 | | 5.25 | 127.7 | 70. 15 | 36.07 | 2. 970 | 106.44 | 65. 9 |
| 880.0 | 36.0 | 24.0 | | | | | 880.0 | 0 128 | 0 80 | 7.30 | 124. 3 | 95.08 | 36.07 | 3. 738 | 134. 18 | 70.9 |
| | | | | U | | / | | | | 9.57 | 120.6 | 120.89 | 36.07 | 4. 662 | 167.50 | 72.2 |
| 770.0 | 31.5 | 21.0 | | | | | 770.0 112.0 70 | <mark>) 112</mark> . | .0 70 | 12.00 | 116. 3 | 146. 16 | 36.07 | 5. 607 | 201.72 | 72.5 |
| | | | N | | | | | 14.63 | 112.3 | 172.03 | 36.06 | 6. 666 | 240.14 | 71.6 | | |
| 660.0 | 27.0 | 18.0 | | | Pin- | | 660. | 96.0 | 60 | 17. 31 | 107.8 | 195. 37 | 36.06 | 7. 738 | 278.69 | 70.1 |
| FF0.0 | 22.5 | 15.0 | | | | | | 0 00 0 | | 20.09 | 102. 9 | 216. 53 | 36.06 | 8. 887 | 320.84 | 67.5 |
| 550.0 | 22.5 | 15.0 | | | | | 550. | 0 80.0 | 50 | 22.94 | 98.1 | 235. 69 | 36.06 | 10.046 | 362.50 | 65.0 |
| 440.0 | 18.0 | 12.0 | | | | | 440.0 | 0 64.0 | 40 | 25.81 | 93.1 | 251.63 | 36.06 | 11. 188 | 402.46 | 62.5 |
| | | 12.0 | | | | | | 0 04.0 | | 28.68 | 88.0 | 264. 28 | 36.06 | 12. 387 | 445. 79 | 59.3 |
| 330.0 | 13.5 | 9.0 | | | + | | 330.0 | 48.0 | 30 | 31.54 | 82.6 | 272.87 | 36.06 | 13.577 | 488.64 | 55.8 |
| | | | | | + | | | | | 34. 36 | 77.3 | 278. 17 | 36.06 | 14. 775 | 531.64 | 52.3 |
| 220.0 | 9.0 | 6.0 | | Pout | | | 220. | 0 32.0 | 0 20 | 37. 11 | 72.3 | 280. 98 | 36.05 | 15. 898 | 572.53 | 49.1 |
| | | | Po | ut | | Eff, | | | | 39.72 | 67.1 | 279. 10 | 36.05 | 16. 995 | 611.53 | 45.6 |
| 110.0 | 4.5 | 3.0 | | | | | 110. | 0 16.0 | 10 | 42.18 | 62.2 | 274. 73 | 36.05 | 18.046 | 648.87 | 42.3 |
| | | | | | | ' | T(N | m) | | 44. 08 45. 90 | 57.2 | 264. 07 | 36.05 | 18. 921 | 680.43 | 38.8 |
| 0 14 | | | 14.0 | .0 28.0 42.0 56.0 | | | | 70.0 | | | 53.0 | 254. 78 | 36.05 | 19.745 | 709.69 | 35.9 |
| | | U | 14.0 | 26.0 | 42.0 | 56.0 | 70.0 | | | 47. 49 | 49.1 | 244. 20 | 36.05 | 20. 458 | 736.05 | 33. 2 |
| | Dagar | intion | T(N) | N(m/mim) | Dout (W) | шАА | 1 (1) | D: ~ (W) | LEE(W) | 48. 92 | 45.0 | 230. 54 | 36.05 | 21. 140 | 760. 13 | 30.3 |
| | Description | | | N(r/min) | Pout (W) | U(V) | I(A) | Pin(W) | Eff(%) | 50.25 | 41.6 | 218. 91 | 36.05 | 21.745 | 783. 22 | 28. 0 25. 5 |
| | No_Load | | | 136.8 | 2. 15 | 36.07 | 0. 977 | 33. 12 | 6.5 | 51. 49 | 38.0 | 204. 90 | 36.05 | 22.302 | 802.46 | |
| | 110_20dd | | | + | | | | | | 52. 65 53. 68 | 34. 0 | 187. 46 | 36.05 | 22.856 | 821. 97 842. 19 | 22. 8 20. 4 |
| | Max_Eff | | | 115.0 | 154. 99 | 36.07 | 5. 942 | 213. 61 | 72.6 | 53. 68 54. 75 | 30. 5 26. 9 | 171. 45 154. 22 | 36. 05 36. 05 | 23. 380 23. 863 | 842. 19 858. 31 | 20. 4 18. 0 |
| | | | | 71 - | 201 [4 | 27.05 | 1/ 000 | F70 0/ | 40 / | 54. 75 56. 02 | 20.9 | 154. 22 129. 64 | 36. 05 36. 05 | 23. 663 24. 652 | 885. 69 | 14.6 |
| | Max_Pout | | | 71.5 | 281.54 | 36.05 | 16. 099 | 579. 26 | 48.6 | 57.02 | 18.1 | 108.09 | 36.05 | 25. 166 | 904.67 | 11. 9 |
| | Max_Torque | | | 6.3 | 38. 58 | 36.04 | 26. 450 | 958. 40 | 4.0 | 57. 62 57. 68 | 15. 2 | 91.82 | 36. 05 36. 05 | 25. 166 25. 559 | 904.67 | 10.0 |
| The End | | | 58. 47 | 6.3 | 38. 58 | 36.04 | 26. 450 | 958. 40 | 4.0 | | | | | Audi | | |
| | me | EHU | 30.47 | 1 0.3 | 30.30 | 30.04 | 20. 730 | 750. 70 | 7.0 | | | | | | | |