



KING RIGHT MOTOR CO., LTD.
DC MOTOR TESTED TECHNICAL DATA

Date : 2024/7/31
 MODEL NAME : PT5946R225-2417
 BATCH NAME : 文吉-PT5946R225
 SUB NAME : 20240731

MACHINE TYPE : 20kg.m
 GEAR RATIO : 1 / 225
 NO-LOAD-SPEED : 17
 VOLTAGE : 24 VDC CURRENT :

| NO. | (V) VOLTAGE | (A) AMP. | (W) INPUT | (kg-cm) TORQUE | (rpm) SPEED | (W) OUTPUT | (%) EFF. |
|-----|----------------|-------------|--------------|-------------------|----------------|---------------|-------------|
| 1 | 24.06 | 0.56 | 13.4 | 6.60 | 18 | 1.2 | 8.88 |
| 2 | 24.05 | 0.85 | 20.5 | 41.60 | 17 | 7.4 | 35.92 |
| 3 | 23.99 | 1.21 | 28.9 | 84.50 | 17 | 14.7 | 50.72 |
| 4 | 24.00 | 1.60 | 38.4 | 125.80 | 17 | 21.7 | 56.48 |
| 5 | 24.00 | 2.11 | 50.7 | 188.60 | 16 | 31.7 | 62.51 |
| 6 | 23.98 | 2.40 | 57.6 | 208.90 | 16 | 34.9 | 64.49 |
| 7 | 23.97 | 2.61 | 62.5 | 249.00 | 16 | 41.6 | 66.61 |
| 8 | 23.98 | 2.85 | 68.2 | 270.90 | 16 | 45.3 | 66.40 |
| 9 | 23.98 | 2.96 | 71.1 | 290.10 | 16 | 47.6 | 66.99 |
| 10 | 23.98 | 3.16 | 75.8 | 312.90 | 16 | 50.8 | 67.03 |
| 11 | 24.00 | 3.36 | 80.7 | 333.00 | 16 | 53.9 | 66.73 |
| 12 | 23.97 | 3.90 | 93.6 | 395.90 | 15 | 62.1 | 64.41 |
| 13 | 23.99 | 4.24 | 101.7 | 437.20 | 15 | 68.3 | 63.93 |
| 14 | 23.98 | 4.86 | 116.6 | 498.00 | 15 | 76.0 | 65.12 |
| 15 | 23.97 | 5.29 | 126.7 | 538.30 | 13 | 74.2 | 58.54 |