

减速电机基本性能参数

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|------|-----------------------|--|--|
| 电机型号 | 6RK14.0/180/200CC•RMF | | |
|------|-----------------------|--|--|

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|------|-------------------|------|-----------|
| 额定电压 | AC220V(单相) | 电机极数 | 4P |
| 额定功率 | 14.0/180/200W | 空载转速 | 1480r/min |
| 额定电流 | 1.4/1.8/1.9A | 工作制 | S1 |
| 额定转速 | 1300r/min | 绝缘电阻 | >50MΩ |
| 额定转矩 | 1.02/1.32/1.46N·m | 电气强度 | 1500V/min |
| 额定频率 | 50Hz | 绝缘等级 | B |
| 空载电流 | — | 防护等级 | IP44 |

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| 齿轮箱规格 | 100G75-180RT |
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|----|-------------|
| 噪声 | <60dB(L=1m) |
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| 使用环境温度 | -10℃~40℃ |
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|----|-----------|
| 速度 | 相对湿度90%以下 |
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| 减速比 | 减速级数 | 与电机 旋转方向 | 传动 效率 | 输出转矩N·m (允许最大输出扭矩4.5N·m) |
|------|------|-------------|----------|-----------------------------|
| 5 | 3 | 相反 | 73% | 14.0W |
| 6 | | | | 18.0W |
| 7.5 | | | | 20.0W |
| 9 | | | | 3.72 |
| 10 | | | | 4.82 |
| 12.5 | | | | 5.36 |
| 15 | | | | 4.46 |
| 18 | | | | 5.79 |
| 20 | | | | 6.43 |
| 25 | | | | 7.23 |
| 30 | 4 | 相同 | 66% | 8.04 |
| 36 | | | | 8.68 |
| 40 | | | | 9.65 |
| 45 | | | | 7.44 |
| 50 | | | | 9.65 |
| 60 | | | | 10.72 |
| 75 | | | | 9.30 |
| 90 | | | | 12.06 |
| 100 | | | | 13.40 |
| 120 | | | | 11.16 |
| 150 | 4 | 相同 | 66% | 14.47 |
| 180 | | | | 16.08 |
| | | | | 17.37 |
| | | | | 19.30 |
| | | | | 21.45 |
| | | | | 13.40 |
| | | | | 17.37 |
| | | | | 19.30 |
| | | | | 21.45 |
| | | | | 26.81 |
| | 4 | 相同 | 66% | 22.33 |
| | | | | 28.95 |
| | | | | 32.17 |
| | | | | 36.61 |
| | | | | 29.78 |
| | | | | 34.75 |
| | | | | 38.61 |
| | | | | 42.90 |
| | | | | 33.50 |
| | | | | 43.43 |
| | 4 | 相同 | 66% | 48.26(4.5) |
| | | | | 53.62(4.5) |
| | | | | 58.18(4.5) |
| | | | | 62.74(4.5) |
| | | | | 67.30(4.5) |
| | | | | 71.86(4.5) |
| | | | | 76.42(4.5) |
| | | | | 80.98(4.5) |
| | | | | 85.54(4.5) |
| | | | | 90.10(4.5) |
| | 4 | 相同 | 66% | 94.66(4.5) |
| | | | | 99.22(4.5) |
| | | | | 103.78(4.5) |
| | | | | 108.34(4.5) |
| | | | | 112.90(4.5) |
| | | | | 117.46(4.5) |
| | | | | 122.02(4.5) |
| | | | | 126.58(4.5) |
| | | | | 131.14(4.5) |
| | | | | 135.70(4.5) |
| | 4 | 相同 | 66% | 140.26(4.5) |
| | | | | 144.82(4.5) |
| | | | | 149.38(4.5) |
| | | | | 153.94(4.5) |
| | | | | 158.50(4.5) |
| | | | | 163.06(4.5) |
| | | | | 167.62(4.5) |
| | | | | 172.18(4.5) |
| | | | | 176.74(4.5) |
| | | | | 181.30(4.5) |
| | 4 | 相同 | 66% | 185.86(4.5) |
| | | | | 190.42(4.5) |
| | | | | 194.98(4.5) |
| | | | | 199.54(4.5) |
| | | | | 204.10(4.5) |
| | | | | 208.66(4.5) |
| | | | | 213.22(4.5) |
| | | | | 217.78(4.5) |
| | | | | 222.34(4.5) |
| | | | | 226.90(4.5) |
| | 4 | 相同 | 66% | 231.46(4.5) |
| | | | | 236.02(4.5) |
| | | | | 240.58(4.5) |
| | | | | 245.14(4.5) |
| | | | | 249.70(4.5) |
| | | | | 254.26(4.5) |
| | | | | 258.82(4.5) |
| | | | | 263.38(4.5) |
| | | | | 267.94(4.5) |
| | | | | 272.50(4.5) |
| | 4 | 相同 | 66% | 277.06(4.5) |
| | | | | 281.62(4.5) |
| | | | | 286.18(4.5) |
| | | | | 290.74(4.5) |
| | | | | 295.30(4.5) |
| | | | | 299.86(4.5) |
| | | | | 304.42(4.5) |
| | | | | 308.98(4.5) |
| | | | | 313.54(4.5) |
| | | | | 318.10(4.5) |
| | 4 | 相同 | 66% | 322.66(4.5) |
| | | | | 327.22(4.5) |
| | | | | 331.78(4.5) |
| | | | | 336.34(4.5) |
| | | | | 340.90(4.5) |
| | | | | 345.46(4.5) |
| | | | | 350.02(4.5) |
| | | | | 354.58(4.5) |
| | | | | 359.14(4.5) |
| | | | | 363.70(4.5) |
| | 4 | 相同 | 66% | 368.26(4.5) |
| | | | | 372.82(4.5) |
| | | | | 377.38(4.5) |
| | | | | 381.94(4.5) |
| | | | | 386.50(4.5) |
| | | | | 391.06(4.5) |
| | | | | 395.62(4.5) |
| | | | | 400.18(4.5) |
| | | | | 404.74(4.5) |
| | | | | 409.30(4.5) |
| | 4 | 相同 | 66% | 413.86(4.5) |
| | | | | 418.42(4.5) |
| | | | | 422.98(4.5) |
| | | | | 427.54(4.5) |
| | | | | 432.10(4.5) |
| | | | | 436.66(4.5) |
| | | | | 441.22(4.5) |
| | | | | 445.78(4.5) |
| | | | | 450.34(4.5) |
| | | | | 454.90(4.5) |
| | 4 | 相同 | 66% | 459.46(4.5) |
| | | | | 464.02(4.5) |
| | | | | 468.58(4.5) |
| | | | | 473.14(4.5) |
| | | | | 477.70(4.5) |
| | | | | 482.26(4.5) |
| | | | | 486.82(4.5) |
| | | | | 491.38(4.5) |
| | | | | 495.94(4.5) |
| | | | | 500.50(4.5) |
| | 4 | 相同 | 66% | 505.06(4.5) |
| | | | | 509.62(4.5) |
| | | | | 514.18(4.5) |
| | | | | 518.74(4.5) |
| | | | | 523.30(4.5) |
| | | | | 527.86(4.5) |
| | | | | 532.42(4.5) |
| | | | | 536.98(4.5) |
| | | | | 541.54(4.5) |
| | | | | 546.10(4.5) |
| | 4 | 相同 | 66% | 550.66(4.5) |
| | | | | 555.22(4.5) |
| | | | | 559.78(4.5) |
| | | | | 564.34(4.5) |
| | | | | 568.90(4.5) |
| | | | | 573.46(4.5) |
| | | | | 578.02(4.5) |
| | | | | 582.58(4.5) |
| | | | | 587.14(4.5) |
| | | | | 591.70(4.5) |
| | 4 | 相同 | 66% | 596.26(4.5) |
| | | | | 600.82(4.5) |
| | | | | 605.38(4.5) |
| | | | | 609.94(4.5) |
| | | | | 614.50(4.5) |
| | | | | 619.06(4.5) |
| | | | | 623.62(4.5) |
| | | | | 628.18(4.5) |
| | | | | 632.74(4.5) |
| | | | | 637.30(4.5) |
| | 4 | 相同 | 66% | 641.86(4.5) |
| | | | | 646.42(4.5) |
| | | | | 650.98(4.5) |
| | | | | 655.54(4.5) |
| | | | | 660.10(4.5) |
| | | | | 664.66(4.5) |
| | | | | 669.22(4.5) |
| | | | | 673.78(4.5) |
| | | | | 678.34(4.5) |
| | | | | 682.90(4.5) |
| | 4 | 相同 | 66% | 687.46(4.5) |
| | | | | 692.02(4.5) |
| | | | | 696.58(4.5) |
| | | | | 701.14(4.5) |
| | | | | 705.70(4.5) |
| | | | | 710.26(4.5) |
| | | | | 714.82(4.5) |
| | | | | 719.38(4.5) |
| | | | | 723.94(4.5) |
| | | | | 728.50(4.5) |
| | 4 | 相同 | 66% | 733.06(4.5) |
| | | | | 737.62(4.5) |
| | | | | 742.18(4.5) |
| | | | | 746.74(4.5) |
| | | | | 751.30(4.5) |
| | | | | 755.86(4.5) |
| | | | | 760.42(4.5) |
| | | | | 764.98(4.5) |
| | | | | 769.54(4.5) |
| | | | | 774.10(4.5) |
| | 4 | 相同 | 66% | 778.66(4.5) |
| | | | | 783.22(4.5) |
| | | | | 787.78(4.5) |
| | | | | 792.34(4.5) |
| | | | | 796.90(4.5) |
| | | | | 801.46(4.5) |
| | | | | 806.02(4.5) |
| | | | | 810.58(4.5) |
| | | | | 815.14(4.5) |
| | | | | 819.70(4.5) |
| | 4 | 相同 | 66% | 824.26(4.5) |
| | | | | 828.82(4.5) |
| | | | | 833.38(4.5) |
| | | | | 837.94(4.5) |
| | | | | 842.50(4.5) |
| | | | | 847.06(4.5) |
| | | | | 851.62(4.5) |
| | | | | 856.18(4.5) |
| | | | | 860.74(4.5) |
| | | | | 865.30(4.5) |
| | 4 | 相同 | 66% | 869.86(4.5) |
| | | | | 874.42(4.5) |
| | | | | 878.98(4.5) |
| | | | | 883.54(4.5) |
| | | | | 888.10(4.5) |
| | | | | 892.66(4.5) |
| | | | | 897.22(4.5) |
| | | | | 901.78(4.5) |
| | | | | 906.34(4.5) |
| | | | | 910.90(4.5) |
| | 4 | 相同 | 66% | 915.46(4.5) |
| | | | | 920.02(4.5) |
| | | | | 924.58(4.5) |
| | | | | 929.14(4.5) |
| | | | | 933.70(4.5) |
| | | | | 938.26(4.5) |
| | | | | 942.82(4.5) |
| | | | | 947.38(4.5) |
| | | | | 951.94(4.5) |
| | | | | 956.50(4.5) |
| | 4 | 相同 | 66% | 961.06(4.5) |
| | | | | 965.62(4.5) |
| | | | | 970.18(4.5) |
| | | | | 974.74(4.5) |
| | | | | 979.30(4.5) |
| | | | | 983.86(4.5) |
| | | | | 988.42(4.5) |
| | | | | 992.98(4.5) |
| | | | | 997.54(4.5) |
| | | | | 1002.10(4.5) |
| | 4 | 相同 | 66% | 1006.66(4.5) |
| | | | | 1011.22(4.5) |
| | | | | 1015.78(4.5) |
| | | | | 1020.34(4.5) |
| | | | | 1024.90(4.5) |
| | | | | 1029.46(4.5) |
| | | | | 1034.02(4.5) |
| | | | | 1038.58(4.5) |
| | | | | 1043.14(4.5) |
| | | | | 1047.70(4.5) |
| | 4 | 相同 | 66% | 1052.26(4.5) |
| | | | | 1056.82(4.5) |
| | | | | 1061.38(4.5) |
| | | | | 1065.94(4.5) |
| | | | | 1070.50(4.5) |
| | | | | 1075.06(4.5) |
| | | | | 1079.62(4.5) |
| | | | | 1084.18(4.5) |
| | | | | 1088.74(4.5) |
| | | | | 1093.30(4.5) |
| | 4 | 相同 | 66% | 1097.86(4.5) |
| | | | | 1102.42(4.5) |
| | | | | 1106.98(4.5) |
| | | | | 1111.54(4.5) |
| | | | | 1116.10(4.5) |
| | | | | 1120.66(4.5) |
| | | | | 1125.22(4.5) |
| | | | | 1129.78(4.5) |
| | | | | 1134.34(4.5) |
| | | | | 1138.90(4.5) |
| | 4 | 相同 | 66% | 1143.46(4.5) |
| | | | | 1148.02(4.5) |
| | | | | 1152.58(4.5) |
| | | | | 1157.14(4.5) |
| | | | | 1161.70(4.5) |
| | | | | 1166.26(4.5) |
| | | | | 1170.82(4.5) |
| | | | | 1175.38(4.5) |
| | | | | 1179.94(4.5) |
| | | | | 1184.50(4.5) |
| | 4 | 相同 | 66% | 1189.06(4.5) |
| | | | | 1193.62(4.5) |
| | | | | 1198.18(4.5) |
| | | | | 1202.74(4.5) |
| | | | | 1207.30(4.5) |
| | | | | 1211.86(4.5) |
| | | | | 1216.42(4.5) |
| | | | | 1220.98(4.5) |
| | | | | 1225.54(4.5) |
| | | | | 1230.10(4.5) |
| | 4 | 相同 | 66% | 1234.66(4.5) |
| | | | | 1239.22(4.5) |
| | | | | 1243.78(4.5) |
| | | | | 1248.34(4.5) |
| | | | | 1252.90(4.5) |
| | | | | 1257.46(4.5) |
| | | | | 1262.02(4.5) |
| | | | | 1266.58(4.5) |
| | | | | 1271.14(4.5) |
| | | | | 1275.70(4.5) |
| | 4 | 相同 | 66% | 1280.26(4.5) |
| | | | | 1284.82(4.5) |
| | | | | 1289.38(4.5) |
| | | | | 1293.94(4.5) |
| | | | | 1298.50(4.5) |
| | | | | 1303.06(4.5) |
| | | | | 1307.62(4.5) |
| | | | | 1312.18(4.5) |
| | | | | 1316.74(4.5) |
| | | | | 1321.30(4.5) |
| | 4 | 相同 | 66% | 1325.86(4.5) |
| | | | | 1330.42(4.5) |
| | | | | 1334.98(4.5) |
| | | | | 1339.54(4.5) |
| | | | | 1344.10(4.5) |
| | | | | 1348.66(4.5) |
| | | | | 1353.22(4.5) |
| | | | | 1357.78(4.5) |
| | | | | 1362.34(4.5) |
| | | | | 1366.90(4.5) |
| | 4 | 相同 | 66% | 1371.46(4.5) |
| | | | | 1376.02(4.5) |
| | | | | 1380.58(4.5) |
| | | | | 1385.14(4.5) |
| | | | | 1389.70(4.5) |
| | | | | 1394.26(4.5) |
| | | | | 1398.82(4.5) |
| | | | | 1403.38(4.5) |
| | | | | 1407.94(4.5) |
| | | | | 1412.50(4.5) |
| | 4 | 相同 | 66% | 1417.06(4.5) |
| | | | | 1421.62(4.5) |
| | | | | 1426.18(4.5) |
| | | | | 1430.74(4.5) |
| | | | | 1435.30(4.5) |
| | | | | 1439.86(4.5) |
| | | | | 1444.42(4.5) |
| | | | | 1448.98(4.5) |
| | | | | 1453.54(4.5) |
| | | | | 1458.10(4.5) |
| | 4 | 相同 | 66% | 1462.66(4.5) |
| | | | | 1467.22(4.5) |
| | | | | 1471.78(4.5) |
| | | | | 1476.34(4.5) |
| | | | | 1480.90(4.5) |
| | | | | 1485.46(4.5) |
| | | | | 1490.02(4.5) |
| | | | | 1494.58(4.5) |
| | | | | 1499.14(4.5) |
| | | | | 1503.70(4.5) |
| | 4 | 相同 | 66% | 1508.26(4.5) |
| | | | | 1512.82(4.5) |
| | | | | 1517.38(4.5) |
| | | | | 1521.94(4.5) |
| | | | | 1526.50(4.5) |
| | | | | 1531.06(4.5) |
| | | | | 1535.62(4.5) |
| | | | | 1540.18(4.5) |
| | | | | 1544.74(4.5) |
| | | | | 1549.30(4.5) |
| | 4 | 相同 | 66% | 1553.86(4.5) |
| | | | | 1558.42(4.5) |
| | | | | 1562.98(4.5) |
| | | | | 1567.54(4.5) |
| | | | | 1572.10(4.5) |
| | | | | 1576.66(4.5) |
| | | | | 1581.22(4.5) |
| | | | | 1585.78(4.5) |
| | | | | 1590.34(4.5) |
| | | | | 1594.90(4.5) |
| | 4 | 相同 | 66% | 1599.46(4.5) |
| | | | | 1604.02(4.5) |
| | | | | 1608.58(4.5) |
| | | | | 1613.14(4.5) |
| | | | | 1617.70(4.5) |
| | | | | 1622.26(4.5) |
| | | | | 1626.82(4.5) |
| | | | | 1631.38(4.5) |
| | | | | 1635.94(4.5) |
| | | | | 1640.50(4.5) |
| | 4 | 相同 | 66% | 1645.06(4.5) |
| | | | | 1649.62(4.5) |
| | | | | 1654.18(4.5) |
| | | | | 1658.74(4.5) |
| | | | | 1663.30(4.5) |
| | | | | 1667.86(4.5) |
| | | | | 1672.42(4.5) |
| | | | | 1676.98(4.5) |
| | | | | 1681.54(4.5) |
| | | | | 1686.10(4.5) |
| | 4 | 相同 | 66% | 1690.66(4.5) |
| | | | | 1695.22(4.5) |
| | | | | 1699.78(4.5) |
| | | | | 1704.34(4.5) |
| | | | | 1708.90(4.5) |
| | | | | 1713.46(4.5) |
| | | | | 1718.02(4.5) |
| | | | | 1722.58(4.5) |
| | | | | 1727.14(4.5) |
| | | | | 1731.70(4.5) |
| | 4 | 相同 | 66% | 1736.26(4.5) |
| | | | | 1740.82(4.5) |
| | | | | 1745.38(4.5) |
| | | | | 1749.94(4.5) |
| | | | | 1754.50(4.5) |
| | | | | 1759.06(4.5) |
| | | | | 1763.62(4.5) |
| | | | | 1768.18(4.5) |
| | | | | 1772.74(4.5) |
| | | | | 1777.30(4.5) |
| | 4 | 相同 | 66% | 1781.86(4.5) |
| | | | | 1786.42(4.5) |
| | | | | 1790.98(4.5) |
| | | | | 1795.54(4.5) |
| | | | | 1800.10(4.5) |
| | | | | 1804.66(4.5) |
| | | | | 1809.22(4.5) |
| | | | | 1813.78(4.5) |
| | | | | 1818.34(4.5) |
| | | | | 1822.90(4.5) |
| | 4 | 相同 | 66% | 1827.46(4.5) |
| | | | | 1832.02(4.5) |
| | | | | 1836.58(4.5) |
| | | | | 1841.14(4.5) |
| | | | | 1845.70(4.5) |
| | | | | 1850.26(4.5) |
| | | | | 1854.82(4.5) |
| | | | | 1859.38(4.5) |
| | | | | 1863.94(4.5) |
| | | | | 1868.50(4.5) |
| | 4 | 相同 | 66% | 1873.06(4.5) |
| | | | | 1877.62(4.5) |
| | | | | 1882.18(4.5) |
| | | | | 1886.74(4.5) |
| | | | | 1891.30(4.5) |
| | | | | 1895.86(4.5) |
| | | | | 1900.42(4.5) |
| | | | | 1904.98(4.5) |
| | | | | 1909.54(4.5) |
| | | | | 1914.10(4.5) |
| | 4 | 相同 | 66% | 1918.66(4.5) |
| | | | | 1923.22(4.5) |
| | | | | 1927.78(4.5) |
| | | | | 1932.34(4.5) |
| | | | | 1936.90(4.5) |
| | | | | 1941.46(4.5) |
| | | | | 1946.02(4.5) |
| | | | | 1950.58(4.5) |
| | | | | 1955.14(4.5) |
| | | | | 1959.70(4.5) |
| | 4 | 相同 | 66% | 1964.26(4.5) |
| | | | | 1968.82(4.5) |
| | | | | 1973.38(4.5) |
| | | | | 1977.94(4.5) |
| | | | | 1982.50(4.5) |
| | | | | 1987.06(4.5) |
| | | | | 1991.62(4.5) |
| | | | | 1996.18(4.5) |
| | | | | 2000.74(4.5) |
| | | | | 200 |