

OVERALL DIMENSIONS

| Frame | Pole | A | | B | | C | D | | Basic size | Limit deviation | Basic size | Limit deviation | Basic size | Limit deviation |
|-------|------|------------|-----------------|------------|-----------------|-----|------------|-----------------|------------|-----------------|------------|-----------------|------------|-----------------|
| | | Basic size | Limit deviation | Basic size | Limit deviation | | Basic size | Limit deviation | | | | | | |
| 355 | 2 | 630 | ±1.4 | 900 | ±1 | 80 | +0.01 | 80 | ±0.015 | 80 | ±0.015 | 80 | ±0.015 | |
| | 4-6 | | | | | | 100 | -0.011 | 100 | ±0.025 | 100 | ±0.025 | 100 | ±0.025 |
| 400 | 2 | 710 | | 1000 | | 90 | -0.035 | 90 | ±0.035 | 90 | ±0.035 | 90 | ±0.035 | |
| | 4-6 | | | | | 110 | -0.013 | 110 | ±0.035 | 110 | ±0.035 | 110 | ±0.035 | |
| 450 | 2 | 800 | ±1.76 | 1120 | ±1 | 120 | +0.01 | 120 | ±0.035 | 120 | ±0.035 | 120 | ±0.035 | |
| | 4 | | | | | 130 | -0.013 | 130 | ±0.035 | 130 | ±0.035 | 130 | ±0.035 | |
| | 6-12 | | | | | 110 | -0.013 | 110 | ±0.035 | 110 | ±0.035 | 110 | ±0.035 | |
| 500 | 2 | 900 | | 1250 | | 130 | +0.01 | 130 | ±0.035 | 130 | ±0.035 | 130 | ±0.035 | |
| | 4 | | | | | 110 | -0.013 | 110 | ±0.035 | 110 | ±0.035 | 110 | ±0.035 | |
| | 6-12 | | | | | 130 | +0.01 | 130 | ±0.035 | 130 | ±0.035 | 130 | ±0.035 | |
| 560 | 2 | 1000 | ±2.1 | 1400 | ±2 | 150 | +0.01 | 150 | ±0.035 | 150 | ±0.035 | 150 | ±0.035 | |
| | 4 | | | | | 160 | -0.013 | 160 | ±0.035 | 160 | ±0.035 | 160 | ±0.035 | |
| | 6-12 | | | | | 110 | +0.01 | 110 | ±0.035 | 110 | ±0.035 | 110 | ±0.035 | |
| 630 | 2 | 1120 | | 1600 | | 170 | +0.01 | 170 | ±0.035 | 170 | ±0.035 | 170 | ±0.035 | |
| | 4 | | | | | 180 | -0.013 | 180 | ±0.035 | 180 | ±0.035 | 180 | ±0.035 | |
| | 6-12 | | | | | 160 | +0.01 | 160 | ±0.035 | 160 | ±0.035 | 160 | ±0.035 | |
| 710 | 2 | 1400 | ±2.8 | 1800 | ±3 | 200 | +0.016 | 200 | ±0.035 | 200 | ±0.035 | 200 | ±0.035 | |
| | 4-16 | | | | | | -0.017 | | | | | | | |

NOTE: 1. Y630-2, Y630-2L, Y710-2, Y710-2L, Y710-2L2

INDUCTION MOTOR TYPE

| II | Limit deviation | Basic size | I | Limit deviation | Basic size | OVERALL DIMENSIONS | | | | | | | |
|----|-----------------|------------|----|-----------------|------------|--------------------|------|------|------|-----|------|------|------|
| | | | | | | 36 | 45 | 55 | 63 | | | | |
| 28 | | | 50 | | | 1020 | 810 | 560 | 1120 | 200 | 800 | 1400 | 1400 |
| | | | | | | 820 | | | | | | | |
| 35 | | | 50 | | | 1120 | 900 | 630 | 1320 | 200 | 880 | 1600 | 1600 |
| | | | | | | 920 | | | | | | | |
| 45 | | | 50 | | | 1200 | 980 | 730 | 1400 | 200 | 980 | 1700 | 1700 |
| | | | | | | 1000 | | | | | | | |
| 12 | | | 50 | | | 1400 | 1130 | 830 | 1600 | 200 | 1080 | 2000 | 2000 |
| | | | | | | 1200 | | | | | | | |
| 18 | | | 50 | | | 1600 | 1330 | 930 | 1800 | 200 | 1230 | 2200 | 2200 |
| | | | | | | 1400 | | | | | | | |
| 56 | | | 50 | | | 1850 | 1500 | 1030 | 2000 | 200 | 1430 | 2500 | 2500 |
| | | | | | | 1650 | | | | | | | |

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表 1 隔爆型电气设备的隔爆性能试验结果

注: 1. 隔爆型电气设备的隔爆性能试验结果符合 GB 3836.1-2017 中表 10 的要求。

续表 1 (续)

| 序号 | 试验设备 | 试验结果 | 试验设备 | 试验结果 | 试验设备 | 试验结果 | 试验设备 | 试验结果 |
|-----|------|------|------|------|------|------|------|------|
| 1 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 2 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 3 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 5 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 6 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 7 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 8 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 9 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 10 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 11 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 12 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 13 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 14 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 15 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 16 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 17 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 18 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 19 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 20 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 21 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 22 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 23 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 24 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 25 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 26 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 27 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 28 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 29 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 30 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 31 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 32 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 33 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 34 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 35 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 36 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 37 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 38 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 39 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 40 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 41 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 42 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 43 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 44 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 45 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 46 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 47 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 48 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 49 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 50 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 51 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 52 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 53 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 54 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 55 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 56 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 57 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 58 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 59 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 60 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 61 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 62 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 63 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 64 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 65 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 66 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 67 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 68 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 69 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 70 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 71 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 72 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 73 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 74 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 75 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 76 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 77 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 78 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 79 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 80 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 81 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 82 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 83 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 84 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 85 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 86 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 87 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 88 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 89 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 90 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 91 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 92 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 93 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 94 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 95 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 96 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 97 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 98 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 99 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |
| 100 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 | 0.4 |



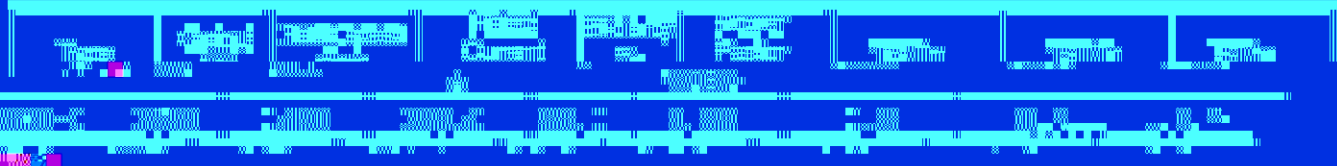


| 规格 | 功率/kW | 电压/V | 电流/A | 效率/% | 功率因数 | 转速/r/min | 防护等级 | 绝缘等级 | 重量/kg |
|---------|-------|------|-------|------|------|----------|------|------|-------|
| Y150-6 | 630 | 990 | 75.7 | 91.2 | 0.85 | 1.8 | 0.8 | 6.0 | |
| Y150-6 | 710 | 990 | 85.1 | 91.1 | 0.85 | 1.8 | 0.8 | 6.0 | |
| Y150-6 | 800 | 990 | 95.7 | 91.6 | 0.85 | 1.8 | 0.8 | 6.0 | |
| Y150-8 | 400 | 740 | 51.7 | 93.0 | 0.80 | 1.8 | 0.8 | 5.5 | |
| Y150-8 | 450 | 740 | 57.1 | 93.1 | 0.81 | 1.8 | 0.8 | 5.5 | |
| Y150-8 | 500 | 740 | 62.4 | 93.7 | 0.81 | 1.8 | 0.8 | 5.5 | |
| Y150-8 | 560 | 740 | 70.1 | 93.8 | 0.82 | 1.8 | 0.8 | 5.5 | |
| Y150-10 | 240 | 590 | 41.8 | 92.0 | 0.79 | 1.8 | 0.8 | 5.5 | |
| Y150-10 | 260 | 590 | 45.0 | 92.3 | 0.79 | 1.8 | 0.8 | 5.5 | |
| Y150-10 | 300 | 590 | 52.0 | 92.6 | 0.80 | 1.8 | 0.8 | 5.5 | |
| Y150-10 | 350 | 590 | 58.1 | 92.7 | 0.80 | 1.8 | 0.8 | 5.5 | |
| Y150-12 | 120 | 400 | 22.0 | 90.0 | 0.73 | 1.8 | 0.8 | 5.5 | |
| Y150-12 | 130 | 400 | 23.0 | 90.0 | 0.73 | 1.8 | 0.8 | 5.5 | |
| Y150-12 | 150 | 400 | 26.0 | 91.0 | 0.74 | 1.8 | 0.8 | 5.5 | |
| Y150-12 | 175 | 400 | 30.0 | 92.1 | 0.75 | 1.8 | 0.8 | 5.5 | |
| Y500-2 | 1250 | 2980 | 143.0 | 95.2 | 0.88 | 1.8 | 0.6 | 7.0 | |
| Y500-2 | 1400 | 2980 | 160.6 | 95.3 | 0.88 | 1.8 | 0.6 | 7.0 | |
| Y500-2 | 1600 | 2980 | 183.1 | 95.4 | 0.88 | 1.8 | 0.6 | 7.0 | |
| Y500-2 | 1800 | 2980 | 206.1 | 95.5 | 0.88 | 1.8 | 0.6 | 7.0 | |
| Y500-4 | 1250 | 1490 | 143.7 | 95.1 | 0.88 | 1.8 | 0.7 | 6.5 | |
| Y500-4 | 1400 | 1490 | 160.8 | 95.2 | 0.88 | 1.8 | 0.7 | 6.5 | |



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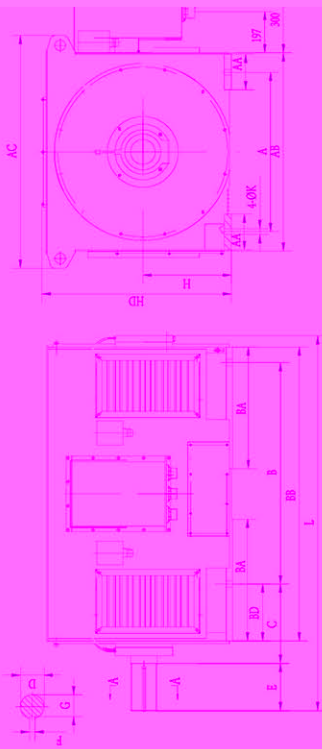


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MOUNTING AND OVERALL DIMENSIONS OF Y (IP23) SERIES

| Frame Pole | MOUNTING、DIMENSIONS ANI | | | | | | | | | | |
|------------|-------------------------|-----------------|------------|-----------------|------------|-----------------|------------|-----------------|------------|-----------------|---|
| | A | | B | | C | | D | | E | | |
| | Basic size | Limit deviation | Basic size | Limit deviation | Basic size | Limit deviation | Basic size | Limit deviation | Basic size | Limit deviation | |
| 400 | 2 | 710 | 1000 | | 375 | | 90 | | 170 | ± 0.5 | 2 |
| | 4-6 | | | | 335 | | 110 | | 210 | ± 0.57 | 2 |
| 450 | 2 | ± 1.75 | 1120 | ± 1.75 | 400 | | 90 | $+0.035$ | 170 | ± 0.5 | 2 |
| | 4 | | | | 355 | | 110 | $+0.013$ | 210 | | 2 |
| | 6-10 | | | | 560 | | 100 | | | | |
| 500 | 2 | | 1250 | | 475 | | 130 | | | ± 0.57 | 3 |
| | 4 | | | | 560 | ± 4 | 150 | | 250 | | 3 |
| | 6-12 | | | | 500 | | 160 | $+0.04$ | 300 | ± 0.65 | 4 |
| 560 | 2 | ± 2.1 | 1400 | ± 2.1 | 560 | | 140 | $+0.015$ | 250 | ± 0.57 | 3 |
| | 4 | | | | 560 | | 170 | | | | 4 |
| | 6-12 | | | | 530 | | 180 | | 300 | ± 0.65 | 4 |
| 630 | 2 | | 1600 | | | | 160 | | | | 4 |
| | 4 | | | | | | 170 | | | | 4 |
| | 6-12 | | | | | | 180 | | 300 | ± 0.65 | 4 |
| 710 | 2 | ± 2.8 | 1800 | ± 2.8 | | | 200 | $+0.046$ | 350 | ± 0.7 | 4 |
| | 4 | | | | | | 200 | $+0.017$ | | | 4 |
| | 6-12 | | | | | | | | | | 4 |

NOTE: Y560-2, Y630-2, Y710-2 mounted sliding bearing

PERFORMANCE DATA

Y(IP23) SERIES HIGH-VOLTAGE 3-PHASE INDUCTION MOTORS (10kV)

| Type | Output kW | Rated speed r/min | Rated Current A | Efficiency % | Power Factor COSΦ | TM/Tn | TST/Tn | IST/In |
|--------|-----------|-------------------|-----------------|--------------|-------------------|-------|--------|--------|
| Y400-2 | 220 | 2975 | 16.1 | 91.9 | 0.86 | 1.8 | 0.6 | 7.0 |
| Y400-2 | 250 | 2975 | 18.2 | 92.1 | 0.86 | 1.8 | 0.6 | 7.0 |
| Y400-2 | 280 | 2975 | 20.4 | 92.3 | 0.86 | 1.8 | 0.6 | 7.0 |
| Y400-2 | 315 | 2975 | 22.8 | 92.7 | 0.86 | 1.8 | 0.6 | 7.0 |
| Y400-2 | 355 | 2975 | 25.3 | 93.1 | 0.87 | 1.8 | 0.6 | 7.0 |
| Y400-2 | 400 | 2975 | 28.4 | 93.4 | 0.87 | 1.8 | 0.6 | 7.0 |
| Y400-2 | 450 | 2975 | 31.9 | 93.6 | 0.87 | 1.8 | 0.6 | 7.0 |
| Y400-4 | 220 | 1490 | 16.3 | 91.9 | 0.85 | 1.8 | 0.7 | 7.0 |
| Y400-4 | 250 | 1490 | 18.4 | 92.1 | 0.85 | 1.8 | 0.7 | 7.0 |
| Y400-4 | 280 | 1490 | 20.6 | 92.2 | 0.85 | 1.8 | 0.7 | 7.0 |
| Y400-4 | 315 | 1490 | 23.1 | 92.5 | 0.85 | 1.8 | 0.7 | 7.0 |
| Y400-4 | 355 | 1490 | 25.7 | 92.6 | 0.86 | 1.8 | 0.7 | 7.0 |
| Y400-4 | 400 | 1490 | 28.9 | 92.8 | 0.86 | 1.8 | 0.7 | 7.0 |
| Y400-4 | 450 | 1490 | 32.4 | 93.2 | 0.86 | 1.8 | 0.7 | 7.0 |
| Y400-6 | 220 | 990 | 17.4 | 91.4 | 0.80 | 1.8 | 0.7 | 6.0 |
| Y400-6 | 250 | 990 | 19.7 | 91.6 | 0.80 | 1.8 | 0.7 | 6.0 |
| Y400-6 | 280 | 990 | 22.0 | 91.8 | 0.80 | 1.8 | 0.7 | 6.0 |
| Y400-6 | 315 | 990 | 24.1 | 92.1 | 0.82 | 1.8 | 0.7 | 6.0 |
| Y450-2 | 500 | 2975 | 35.4 | 93.7 | 0.87 | 1.8 | 0.6 | 7.0 |
| Y450-2 | 560 | 2975 | 39.6 | 93.9 | 0.87 | 1.8 | 0.6 | 7.0 |
| Y450-2 | 630 | 2975 | 44.5 | 94.0 | 0.87 | 1.8 | 0.6 | 7.0 |
| Y450-2 | 710 | 2975 | 49.5 | 94.1 | 0.88 | 1.8 | 0.6 | 7.0 |
| Y450-2 | 800 | 2975 | 55.7 | 94.3 | 0.88 | 1.8 | 0.6 | 7.0 |
| Y450-4 | 500 | 1490 | 36.0 | 93.3 | 0.86 | 1.8 | 0.7 | 7.0 |
| Y450-4 | 560 | 1490 | 40.2 | 93.6 | 0.86 | 1.8 | 0.7 | 7.0 |
| Y450-4 | 630 | 1490 | 45.1 | 93.8 | 0.86 | 1.8 | 0.7 | 7.0 |
| Y450-4 | 710 | 1490 | 49.9 | 94.4 | 0.87 | 1.8 | 0.7 | 7.0 |
| Y450-4 | 800 | 1490 | 56.1 | 94.6 | 0.87 | 1.8 | 0.7 | 7.0 |
| Y450-6 | 355 | 990 | 26.7 | 92.4 | 0.83 | 1.8 | 0.7 | 6.0 |
| Y450-6 | 400 | 990 | 30.0 | 92.6 | 0.83 | 1.8 | 0.7 | 6.0 |
| Y450-6 | 450 | 990 | 33.7 | 92.8 | 0.83 | 1.8 | 0.7 | 6.0 |
| Y450-6 | 500 | 990 | 37.3 | 93.2 | 0.83 | 1.8 | 0.7 | 6.0 |
| Y450-6 | 560 | 990 | 41.2 | 93.5 | 0.84 | 1.8 | 0.7 | 6.0 |

电动机性能表

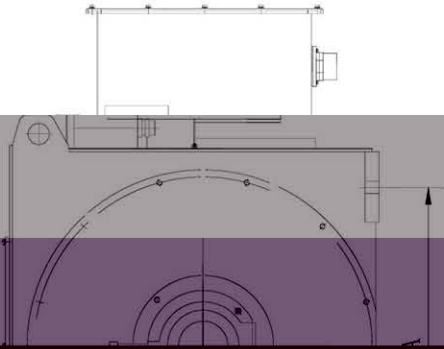
电动机性能表

| 电动机型号 | 额定功率/kW | 额定电压/V | 额定电流/A | 额定转速/r/min | 效率/% | 功率因数 | 启动电流/额定电流 |
|-------------|---------|--------|--------|------------|------|------|-----------|
| Y2-100L1-2 | 0.37 | 380 | 0.81 | 2840 | 76 | 0.85 | 7.0 |
| Y2-100L2-2 | 0.55 | 380 | 1.16 | 2840 | 76 | 0.85 | 7.0 |
| Y2-100L1-4 | 0.37 | 380 | 0.81 | 1400 | 76 | 0.85 | 7.0 |
| Y2-100L2-4 | 0.55 | 380 | 1.16 | 1400 | 76 | 0.85 | 7.0 |
| Y2-100L1-6 | 0.37 | 380 | 0.81 | 960 | 76 | 0.85 | 7.0 |
| Y2-100L2-6 | 0.55 | 380 | 1.16 | 960 | 76 | 0.85 | 7.0 |
| Y2-100L1-8 | 0.37 | 380 | 0.81 | 720 | 76 | 0.85 | 7.0 |
| Y2-100L2-8 | 0.55 | 380 | 1.16 | 720 | 76 | 0.85 | 7.0 |
| Y2-100L1-10 | 0.37 | 380 | 0.81 | 580 | 76 | 0.85 | 7.0 |
| Y2-100L2-10 | 0.55 | 380 | 1.16 | 580 | 76 | 0.85 | 7.0 |
| Y2-100L1-12 | 0.37 | 380 | 0.81 | 480 | 76 | 0.85 | 7.0 |
| Y2-100L2-12 | 0.55 | 380 | 1.16 | 480 | 76 | 0.85 | 7.0 |
| Y2-100L1-14 | 0.37 | 380 | 0.81 | 400 | 76 | 0.85 | 7.0 |
| Y2-100L2-14 | 0.55 | 380 | 1.16 | 400 | 76 | 0.85 | 7.0 |
| Y2-100L1-16 | 0.37 | 380 | 0.81 | 340 | 76 | 0.85 | 7.0 |
| Y2-100L2-16 | 0.55 | 380 | 1.16 | 340 | 76 | 0.85 | 7.0 |
| Y2-100L1-18 | 0.37 | 380 | 0.81 | 290 | 76 | 0.85 | 7.0 |
| Y2-100L2-18 | 0.55 | 380 | 1.16 | 290 | 76 | 0.85 | 7.0 |
| Y2-100L1-20 | 0.37 | 380 | 0.81 | 250 | 76 | 0.85 | 7.0 |
| Y2-100L2-20 | 0.55 | 380 | 1.16 | 250 | 76 | 0.85 | 7.0 |
| Y2-100L1-22 | 0.37 | 380 | 0.81 | 220 | 76 | 0.85 | 7.0 |
| Y2-100L2-22 | 0.55 | 380 | 1.16 | 220 | 76 | 0.85 | 7.0 |
| Y2-100L1-24 | 0.37 | 380 | 0.81 | 190 | 76 | 0.85 | 7.0 |
| Y2-100L2-24 | 0.55 | 380 | 1.16 | 190 | 76 | 0.85 | 7.0 |
| Y2-100L1-26 | 0.37 | 380 | 0.81 | 170 | 76 | 0.85 | 7.0 |
| Y2-100L2-26 | 0.55 | 380 | 1.16 | 170 | 76 | 0.85 | 7.0 |
| Y2-100L1-28 | 0.37 | 380 | 0.81 | 150 | 76 | 0.85 | 7.0 |
| Y2-100L2-28 | 0.55 | 380 | 1.16 | 150 | 76 | 0.85 | 7.0 |
| Y2-100L1-30 | 0.37 | 380 | 0.81 | 140 | 76 | 0.85 | 7.0 |
| Y2-100L2-30 | 0.55 | 380 | 1.16 | 140 | 76 | 0.85 | 7.0 |
| Y2-100L1-32 | 0.37 | 380 | 0.81 | 130 | 76 | 0.85 | 7.0 |
| Y2-100L2-32 | 0.55 | 380 | 1.16 | 130 | 76 | 0.85 | 7.0 |
| Y2-100L1-34 | 0.37 | 380 | 0.81 | 120 | 76 | 0.85 | 7.0 |
| Y2-100L2-34 | 0.55 | 380 | 1.16 | 120 | 76 | 0.85 | 7.0 |
| Y2-100L1-36 | 0.37 | 380 | 0.81 | 110 | 76 | 0.85 | 7.0 |
| Y2-100L2-36 | 0.55 | 380 | 1.16 | 110 | 76 | 0.85 | 7.0 |
| Y2-100L1-38 | 0.37 | 380 | 0.81 | 100 | 76 | 0.85 | 7.0 |
| Y2-100L2-38 | 0.55 | 380 | 1.16 | 100 | 76 | 0.85 | 7.0 |
| Y2-100L1-40 | 0.37 | 380 | 0.81 | 90 | 76 | 0.85 | 7.0 |
| Y2-100L2-40 | 0.55 | 380 | 1.16 | 90 | 76 | 0.85 | 7.0 |
| Y2-100L1-42 | 0.37 | 380 | 0.81 | 80 | 76 | 0.85 | 7.0 |
| Y2-100L2-42 | 0.55 | 380 | 1.16 | 80 | 76 | 0.85 | 7.0 |
| Y2-100L1-44 | 0.37 | 380 | 0.81 | 70 | 76 | 0.85 | 7.0 |
| Y2-100L2-44 | 0.55 | 380 | 1.16 | 70 | 76 | 0.85 | 7.0 |
| Y2-100L1-46 | 0.37 | 380 | 0.81 | 60 | 76 | 0.85 | 7.0 |
| Y2-100L2-46 | 0.55 | 380 | 1.16 | 60 | 76 | 0.85 | 7.0 |
| Y2-100L1-48 | 0.37 | 380 | 0.81 | 50 | 76 | 0.85 | 7.0 |
| Y2-100L2-48 | 0.55 | 380 | 1.16 | 50 | 76 | 0.85 | 7.0 |
| Y2-100L1-50 | 0.37 | 380 | 0.81 | 40 | 76 | 0.85 | 7.0 |
| Y2-100L2-50 | 0.55 | 380 | 1.16 | 40 | 76 | 0.85 | 7.0 |
| Y2-100L1-52 | 0.37 | 380 | 0.81 | 30 | 76 | 0.85 | 7.0 |
| Y2-100L2-52 | 0.55 | 380 | 1.16 | 30 | 76 | 0.85 | 7.0 |
| Y2-100L1-54 | 0.37 | 380 | 0.81 | 20 | 76 | 0.85 | 7.0 |
| Y2-100L2-54 | 0.55 | 380 | 1.16 | 20 | 76 | 0.85 | 7.0 |
| Y2-100L1-56 | 0.37 | 380 | 0.81 | 15 | 76 | 0.85 | 7.0 |
| Y2-100L2-56 | 0.55 | 380 | 1.16 | 15 | 76 | 0.85 | 7.0 |
| Y2-100L1-58 | 0.37 | 380 | 0.81 | 10 | 76 | 0.85 | 7.0 |
| Y2-100L2-58 | 0.55 | 380 | 1.16 | 10 | 76 | 0.85 | 7.0 |
| Y2-100L1-60 | 0.37 | 380 | 0.81 | 8 | 76 | 0.85 | 7.0 |
| Y2-100L2-60 | 0.55 | 380 | 1.16 | 8 | 76 | 0.85 | 7.0 |
| Y2-100L1-62 | 0.37 | 380 | 0.81 | 6 | 76 | 0.85 | 7.0 |
| Y2-100L2-62 | 0.55 | 380 | 1.16 | 6 | 76 | 0.85 | 7.0 |
| Y2-100L1-64 | 0.37 | 380 | 0.81 | 5 | 76 | 0.85 | 7.0 |
| Y2-100L2-64 | 0.55 | 380 | 1.16 | 5 | 76 | 0.85 | 7.0 |
| Y2-100L1-66 | 0.37 | 380 | 0.81 | 4 | 76 | 0.85 | 7.0 |
| Y2-100L2-66 | 0.55 | 380 | 1.16 | 4 | 76 | 0.85 | 7.0 |
| Y2-100L1-68 | 0.37 | 380 | 0.81 | 3 | 76 | 0.85 | 7.0 |
| Y2-100L2-68 | 0.55 | 380 | 1.16 | 3 | 76 | 0.85 | 7.0 |
| Y2-100L1-70 | 0.37 | 380 | 0.81 | 2 | 76 | 0.85 | 7.0 |
| Y2-100L2-70 | 0.55 | 380 | 1.16 | 2 | 76 | 0.85 | 7.0 |
| Y2-100L1-72 | 0.37 | 380 | 0.81 | 1 | 76 | 0.85 | 7.0 |
| Y2-100L2-72 | 0.55 | 380 | 1.16 | 1 | 76 | 0.85 | 7.0 |



PERFORMANCE DATA
Y (IP23) SERIES HIGH-VOLTAGE 3-PHASE INDUCTION MOTORS (10kV)

| Type | Output kW | Rated speed r/min | Rated Current A | Efficiency % | Power Factor COSΦ | TM/Tn | TST/Tn | IST/In |
|--------|--------------|----------------------|-----------------------|-----------------|-------------------------|-------|--------|--------|
| Y630-6 | 2000 | 990 | 140.5 | 95.6 | 0.86 | 1.01 | 0.06 | 0.00 |
| Y630-6 | 2240 | 990 | | | | | | |



ORS (6/10kV)

| G | Limit deviation | H | | K | Basic size |
|---|-----------------|------------|-----------------|----|------------|
| | | Basic size | Limit deviation | | |
| | 0 -0.3 | 800 | 0 | 56 | 66 |
| | | 1000 | -1.5 | | |

PERFORMANCE DATA
Y (IP23) SERIES HIGH-VOLTAGE 3-PHASE INDUCTION MOTORS (6kV)

| Type | Output kW | Rated speed r/min | Rated Current A | Efficiency % | Power Factor COSΦ | TM/Tn | TST/Tn | IST/In |
|---------|-----------|-------------------|-----------------|--------------|-------------------|-------|--------|--------|
| Y800-4 | 5600 | 1485 | 634.6 | 96.5 | 0.88 | 1.8 | 0.5 | 6.5 |
| Y800-4 | 6300 | 1485 | 713.2 | 96.6 | 0.88 | 1.8 | 0.5 | 6.5 |
| Y800-4 | 7100 | 1485 | 802.9 | 96.7 | 0.88 | 1.8 | 0.5 | 6.5 |
| Y800-6 | 4500 | 990 | 522.9 | 96.3 | 0.86 | 1.8 | 0.6 | 6.5 |
| Y800-6 | 5000 | 990 | 580.4 | 96.4 | 0.86 | 1.8 | 0.6 | 6.5 |
| Y800-6 | 5600 | 990 | 642.5 | 96.4 | 0.87 | 1.8 | 0.6 | 6.5 |
| Y800-8 | 3150 | 745 | 372.2 | 95.8 | 0.85 | 1.8 | 0.6 | 6.5 |
| Y800-8 | 3550 | 745 | 419.1 | 95.9 | 0.85 | 1.8 | 0.6 | 6.5 |
| Y800-8 | 4000 | 745 | 466.2 | 96 | 0.86 | 1.8 | 0.6 | 6.5 |
| Y800-10 | 2500 | 595 | 303.8 | 95.4 | 0.83 | 1.8 | 0.6 | 6.0 |
| Y800-10 | 2800 | 595 | 339.9 | 95.5 | 0.83 | 1.8 | 0.6 | 6.0 |
| Y800-10 | 3150 | 595 | 373.6 | 96.6 | 0.84 | 1.8 | 0.6 | 6.0 |
| Y800-12 | 2000 | 495 | 253.5 | 94.9 | 0.80 | 1.8 | 0.6 | 6.0 |
| Y800-12 | 2240 | 495 | 283.6 | 95 | 0.80 | 1.8 | 0.6 | 6.0 |
| Y800-12 | 2500 | 495 | 312.0 | 95.2 | 0.81 | 1.8 | 0.6 | 6.0 |
| Y800-16 | 1250 | 370 | 173.3 | 93.8 | 0.74 | 1.8 | 0.6 | 6.0 |
| Y800-16 | 1400 | 370 | 193.9 | 93.9 | 0.74 | 1.8 | 0.6 | 6.0 |
| Y800-16 | 1600 | 370 | 218.4 | 94 | 0.75 | 1.8 | 0.6 | 6.0 |
| Y900-4 | 8000 | 1485 | 903.7 | 96.8 | 0.88 | 1.8 | 0.5 | 6.5 |
| Y900-4 | 9000 | 1485 | 1015.6 | 96.9 | 0.88 | 1.8 | 0.5 | 6.5 |
| Y900-4 | 10000 | 1485 | 1127.3 | 97 | 0.88 | 1.8 | 0.5 | 6.5 |
| Y900-6 | 6300 | 990 | 722.1 | 96.5 | 0.87 | 1.8 | 0.6 | 6.5 |
| Y900-6 | 7100 | 990 | 812.9 | 96.6 | 0.87 | 1.8 | 0.6 | 6.5 |
| Y900-6 | 8000 | 990 | 915.1 | 96.7 | 0.87 | 1.8 | 0.6 | 6.5 |
| Y900-8 | 4500 | 745 | 524.0 | 96.1 | 0.86 | 1.8 | 0.6 | 6.5 |
| Y900-8 | 5000 | 745 | 581.6 | 96.2 | 0.86 | 1.8 | 0.6 | 6.5 |
| Y900-8 | 5600 | 745 | 651.4 | 96.2 | 0.86 | 1.8 | 0.6 | 6.5 |
| Y900-10 | 3550 | 595 | 425.0 | 95.7 | 0.84 | 1.8 | 0.6 | 6.0 |
| Y900-10 | 4000 | 595 | 478.3 | 95.8 | 0.84 | 1.8 | 0.6 | 6.0 |
| Y900-10 | 4500 | 595 | 538.1 | 95.8 | 0.84 | 1.8 | 0.6 | 6.0 |
| Y900-10 | 5000 | 595 | 597.3 | 95.9 | 0.84 | 1.8 | 0.6 | 6.0 |

PERFORMANCE DATA

Y (IP23) SERIES HIGH-VOLTAGE 3-PHASE INDUCTION MOTORS (6KV)

| Type | Output kW | Rated speed r/min | Rated Current A | Efficiency % | Power Factor COSΦ | TM/Tn | TST/Tn | IST/In |
|---------|-----------|-------------------|-----------------|--------------|-------------------|-------|--------|--------|
| Y900-12 | 2800 | 495 | 349.0 | 95.3 | 0.81 | 1.8 | 0.6 | 6.0 |
| Y900-12 | 3150 | 495 | 392.3 | 95.4 | 0.81 | 1.8 | 0.6 | 6.0 |
| Y900-12 | 3550 | 495 | 441.6 | 95.5 | 0.81 | 1.8 | 0.6 | 6.0 |
| Y900-16 | 1800 | 370 | 245.4 | 94.1 | 0.75 | 1.8 | 0.6 | 6.0 |
| Y900-16 | 2000 | 370 | 272.4 | 94.2 | 0.75 | 1.8 | 0.6 | 6.0 |
| Y900-16 | 2240 | 370 | 304.8 | 94.3 | 0.75 | 1.8 | 0.6 | 6.0 |
| Y900-16 | 2500 | 370 | 339.8 | 94.4 | 0.75 | 1.8 | 0.6 | 6.0 |
| Y1000-4 | 11200 | 1485 | 1247.1 | 97.1 | 0.89 | 1.8 | 0.5 | 6.5 |
| Y1000-4 | 12500 | 1485 | 1390.4 | 97.2 | 0.89 | 1.8 | 0.5 | 6.5 |
| Y1000-4 | 14000 | 1485 | 1555.7 | 97.3 | 0.89 | 1.8 | 0.5 | 6.5 |
| Y1000-4 | 16000 | 1485 | 1776.1 | 97.4 | 0.89 | 1.8 | 0.5 | 6.5 |
| Y1000-4 | 18000 | 1485 | 1996.1 | 97.5 | 0.89 | 1.8 | 0.5 | 6.5 |
| Y1000-6 | 9000 | 990 | 1028.4 | 96.8 | 0.87 | 1.8 | 0.6 | 6.5 |
| Y1000-6 | 10000 | 990 | 1141.5 | 96.9 | 0.87 | 1.8 | 0.6 | 6.5 |
| Y1000-6 | 11200 | 990 | 1262.6 | 97 | 0.88 | 1.8 | 0.6 | 6.5 |
| Y1000-6 | 12500 | 990 | 1407.7 | 97.1 | 0.88 | 1.8 | 0.6 | 6.5 |

| | | | | | | | | |
|----------|-------|-----|--------|------|------|-----|-----|-----|
| Y1000-8 | 10000 | 745 | 1143.3 | 96.7 | 0.87 | 1.8 | 0.6 | 6.5 |
| Y1000-10 | 5600 | 595 | 668.9 | 95.9 | 0.84 | 1.8 | 0.6 | 6.0 |
| Y1000-10 | 6300 | 595 | 751.8 | 96 | 0.84 | 1.8 | 0.6 | 6.0 |



PERFORMANCE DATA

Y (IP23) SERIES HIGH-VOLTAGE 3-PHASE INDUCTION MOTORS (10kV)

| Type | Output kW | Rated speed r/min | Rated Current A | Efficiency % | Power Factor COSΦ | TM/Tn | TST/Tn | IST/In |
|---------|--------------|----------------------|-----------------------|-----------------|-------------------------|-------|--------|--------|
| Y800-4 | 5000 | 1490 | 344.6 | 96.3 | 0.87 | 1.8 | 0.5 | 6.5 |
| Y800-4 | 5600 | 1490 | 385.9 | 96.3 | 0.87 | 1.8 | 0.5 | 6.5 |
| Y800-4 | 6300 | 1490 | 433.7 | 96.4 | 0.87 | 1.8 | 0.5 | 6.5 |
| Y800-6 | 4000 | 990 | 286.1 | 96.1 | 0.84 | 1.8 | 0.6 | 6.5 |
| Y800-6 | 4500 | 990 | 321.9 | 96.1 | 0.84 | 1.8 | 0.6 | 6.5 |
| Y800-6 | 5000 | 990 | 357.2 | 96.2 | 0.84 | 1.8 | 0.6 | 6.5 |
| Y800-8 | 2800 | 745 | 199.2 | 95.5 | 0.85 | 1.8 | 0.6 | 6.5 |
| Y800-8 | 3150 | 745 | 223.8 | 95.6 | 0.85 | 1.8 | 0.6 | 6.5 |
| Y800-8 | 3550 | 745 | 252.0 | 95.7 | 0.85 | 1.8 | 0.6 | 6.5 |
| Y800-10 | 2240 | 595 | 166.0 | 95.0 | 0.82 | 1.8 | 0.6 | 6.0 |
| Y800-10 | 2500 | 595 | 185.1 | 95.1 | 0.82 | 1.8 | 0.6 | 6.0 |
| Y800-10 | 2800 | 595 | 207.1 | 95.2 | 0.82 | 1.8 | 0.6 | 6.0 |
| Y800-12 | 1800 | 495 | 139.2 | 94.5 | 0.79 | 1.8 | 0.6 | 6.0 |
| Y800-12 | 2000 | 495 | 154.5 | 94.6 | 0.79 | 1.8 | 0.6 | 6.0 |
| Y800-12 | 2240 | 495 | 172.9 | 94.7 | 0.79 | 1.8 | 0.6 | 6.0 |
| Y800-16 | 1120 | 370 | 93.3 | 93.7 | 0.74 | 1.8 | 0.6 | 6.0 |
| Y800-16 | 1250 | 370 | 104.0 | 93.8 | 0.74 | 1.8 | 0.6 | 6.0 |

| | | | | | | | | |
|---------|------|------|-------|------|------|-----|-----|-----|
| Y900-4 | 8000 | 1490 | 549.6 | 96.6 | 0.87 | 1.8 | 0.5 | 6.5 |
| Y900-4 | 9000 | 1490 | 617.7 | 96.7 | 0.87 | 1.8 | 0.5 | 6.5 |
| Y900-6 | 5600 | 990 | 390.8 | 96.2 | 0.86 | 1.8 | 0.6 | 6.5 |
| Y900-6 | 6300 | 990 | 439.2 | 96.3 | 0.86 | 1.8 | 0.6 | 6.5 |
| Y900-6 | 7100 | 990 | 494.5 | 96.4 | 0.86 | 1.8 | 0.6 | 6.5 |
| Y900-8 | 4000 | 745 | 280.3 | 95.8 | 0.86 | 1.8 | 0.6 | 6.5 |
| Y900-8 | 4500 | 745 | 315.0 | 95.9 | 0.86 | 1.8 | 0.6 | 6.5 |
| Y900-8 | 5000 | 745 | 349.7 | 96.0 | 0.86 | 1.8 | 0.6 | 6.5 |
| Y900-10 | 3150 | 595 | 229.9 | 95.3 | 0.83 | 1.8 | 0.6 | 6.0 |
| Y900-10 | 3550 | 595 | 258.9 | 95.4 | 0.83 | 1.8 | 0.6 | 6.0 |
| Y900-10 | 4000 | 595 | 291.4 | 95.5 | 0.83 | 1.8 | 0.6 | 6.0 |

