

| Y2 6kV(6.6kV) Series technical data | | | | | | | | | | | | | |
|-------------------------------------|-------------|------|-------------|------------|--------------|---------------|-----------------|--------------|-----------|--------------|----------|-----------------------|-----------|
| Motor Type | Rated Power | | Rated Speed | Efficiency | Power Factor | Current | | | Torque | | | Moment of inertia (J) | Approx WT |
| | | | | | | Full Load 6kV | Full Load 6.6kV | Locked Rotor | Full Load | Locked Rotor | Pull Out | | |
| | kW | (HP) | RPM | % | % | A | A | %FLC | kg-m | %FLT | %FLT | kg-m ² | kg |
| Y ₂ 315X1-2 | 185 | 250 | 2980 | 94.1 | 84.0 | 22.5 | 20.5 | 700 | 60 | 70 | 200 | 3.3 | 1740 |
| Y ₂ 315X2-2 | 200 | 270 | 2980 | 94.3 | 84.0 | 24.3 | 22.1 | 700 | 65 | 70 | 200 | 3.5 | 1800 |
| Y ₂ 315X3-2 | 220 | 295 | 2980 | 94.4 | 84.0 | 26.7 | 24.3 | 700 | 72 | 70 | 200 | 3.7 | 1860 |
| Y ₂ 315X4-2 | 250 | 335 | 2980 | 94.4 | 84.0 | 30.3 | 27.6 | 700 | 82 | 70 | 200 | 4.0 | 1930 |
| Y ₂ 315X5-2 | 280 | 375 | 2980 | 94.4 | 84.0 | 34.0 | 30.9 | 700 | 92 | 70 | 200 | 4.3 | 2000 |
| Y ₂ 355X1-2 | 315 | 420 | 2980 | 94.6 | 84.0 | 38.1 | 34.7 | 700 | 103 | 70 | 200 | 6.5 | 2240 |
| Y ₂ 355X2-2 | 355 | 475 | 2980 | 94.7 | 86.0 | 41.9 | 38.1 | 700 | 116 | 70 | 200 | 7 | 2340 |
| Y ₂ 355X3-2 | 400 | 535 | 2980 | 94.7 | 86.0 | 47.3 | 43.0 | 700 | 131 | 70 | 200 | 7.5 | 2440 |
| Y ₂ 355X4-2 | 450 | 605 | 2980 | 94.8 | 86.0 | 53.1 | 48.3 | 700 | 147 | 70 | 200 | 8 | 2550 |
| Y ₂ 400X1-2 | 500 | 670 | 2980 | 95.2 | 86.0 | 58.8 | 53.4 | 700 | 164 | 70 | 200 | 12 | 3200 |
| Y ₂ 400X2-2 | 560 | 750 | 2980 | 95.4 | 86.0 | 65.7 | 59.7 | 700 | 183 | 70 | 200 | 12.5 | 3320 |
| Y ₂ 400X3-2 | 630 | 845 | 2982 | 95.6 | 87.0 | 72.9 | 66.3 | 700 | 206 | 70 | 200 | 13 | 3470 |
| Y ₂ 400X4-2 | 710 | 950 | 2982 | 95.7 | 87.0 | 82.1 | 74.6 | 700 | 232 | 70 | 200 | 14 | 3650 |
| Y ₂ 450X1-2 | 800 | 1070 | 2982 | 95.8 | 87.0 | 92.4 | 84.0 | 700 | 261 | 70 | 200 | 21 | 4650 |
| Y ₂ 450X2-2 | 900 | 1205 | 2982 | 95.9 | 87.0 | 103.8 | 94.4 | 700 | 294 | 70 | 200 | 22 | 4830 |
| Y ₂ 450X3-2 | 1000 | 1340 | 2982 | 96.1 | 88.0 | 113.8 | 103.4 | 700 | 327 | 70 | 200 | 23 | 5010 |
| Y ₂ 450X4-2 | 1120 | 1500 | 2982 | 96.2 | 88.0 | 127.3 | 115.7 | 700 | 366 | 70 | 200 | 24 | 5200 |
| Y ₂ 315X1-4 | 185 | 250 | 1485 | 94.3 | 84.0 | 22.5 | 20.4 | 650 | 121 | 80 | 200 | 6.0 | 1750 |
| Y ₂ 315X2-4 | 200 | 270 | 1485 | 94.3 | 84.0 | 24.3 | 22.1 | 650 | 131 | 80 | 200 | 6.5 | 1800 |
| Y ₂ 315X3-4 | 220 | 295 | 1485 | 94.5 | 84.0 | 26.7 | 24.2 | 650 | 144 | 80 | 200 | 7 | 1870 |
| Y ₂ 315X3-4 | 250 | 335 | 1485 | 94.5 | 84.0 | 30.3 | 27.6 | 650 | 164 | 80 | 200 | 7.5 | 1940 |
| Y ₂ 315X3-4 | 280 | 375 | 1485 | 94.5 | 84.0 | 33.9 | 30.9 | 650 | 184 | 80 | 200 | 8.5 | 2085 |
| Y ₂ 355X1-4 | 315 | 420 | 1485 | 94.6 | 84.0 | 38.1 | 34.7 | 650 | 207 | 80 | 200 | 11 | 2380 |
| Y ₂ 355X2-4 | 355 | 475 | 1485 | 94.7 | 84.0 | 42.9 | 39.0 | 650 | 233 | 80 | 200 | 12 | 2490 |
| Y ₂ 355X3-4 | 400 | 535 | 1485 | 94.9 | 85.0 | 47.7 | 43.4 | 650 | 262 | 80 | 200 | 13 | 2620 |
| Y ₂ 355X4-4 | 450 | 605 | 1485 | 95.0 | 85.0 | 53.6 | 48.8 | 650 | 295 | 80 | 200 | 14 | 2770 |
| Y ₂ 400X1-4 | 500 | 670 | 1485 | 95.1 | 85.0 | 59.5 | 54.1 | 650 | 328 | 80 | 200 | 20 | 3250 |
| Y ₂ 400X2-4 | 560 | 750 | 1485 | 95.3 | 85.0 | 66.5 | 60.5 | 650 | 367 | 80 | 200 | 21 | 3400 |
| Y ₂ 400X3-4 | 630 | 845 | 1485 | 95.4 | 86.0 | 73.9 | 67.2 | 650 | 413 | 80 | 200 | 23 | 3580 |
| Y ₂ 400X4-4 | 710 | 950 | 1485 | 95.6 | 86.0 | 83.1 | 75.5 | 650 | 466 | 80 | 200 | 25 | 3820 |
| Y ₂ 450X1-4 | 800 | 1070 | 1485 | 95.8 | 86.0 | 93.4 | 84.9 | 650 | 525 | 80 | 200 | 39 | 4970 |

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|------------------------|------|------|------|------|------|-------|-------|-----|------|----|-----|------|------|
| Y ₂ 450X2-4 | 900 | 1205 | 1485 | 96.0 | 86.0 | 104.9 | 95.4 | 650 | 591 | 80 | 200 | 42 | 5190 |
| Y ₂ 450X3-4 | 1000 | 1340 | 1488 | 96.0 | 86.0 | 116.6 | 106.0 | 650 | 655 | 80 | 200 | 45 | 5480 |
| Y ₂ 450X4-4 | 1120 | 1500 | 1488 | 96.1 | 86.0 | 130.4 | 118.6 | 650 | 733 | 80 | 200 | 49 | 5780 |
| Y ₂ 500X1-4 | 1250 | 1680 | 1488 | 96.2 | 86.0 | 145.4 | 132.2 | 650 | 819 | 80 | 200 | 63 | 6620 |
| Y ₂ 500X2-4 | 1400 | 1880 | 1488 | 96.3 | 86.0 | 162.7 | 147.9 | 650 | 917 | 80 | 200 | 67 | 6900 |
| Y ₂ 500X3-4 | 1600 | 2140 | 1488 | 96.4 | 87.0 | 183.6 | 166.9 | 650 | 1048 | 70 | 200 | 73 | 7280 |
| Y ₂ 560X1-4 | 1800 | 2410 | 1488 | 96.4 | 87.0 | 206.5 | 187.8 | 650 | 1179 | 70 | 200 | 132 | 9100 |
| Y ₂ 560X2-4 | 2000 | 2680 | 1488 | 96.4 | 87.0 | 229.5 | 208.6 | 650 | 1310 | 70 | 200 | 152 | 9640 |
| Y ₂ 315X1-6 | 185 | 250 | 1485 | 93.3 | 80.0 | 23.9 | 21.7 | 650 | 121 | 80 | 200 | 9.5 | 2050 |
| Y ₂ 315X2-6 | 200 | 270 | 1485 | 93.4 | 80.0 | 25.8 | 23.4 | 650 | 131 | 80 | 200 | 10 | 2120 |
| Y ₂ 315X3-6 | 220 | 295 | 1485 | 93.5 | 80.0 | 28.3 | 25.7 | 650 | 144 | 80 | 200 | 10.5 | 2200 |
| Y ₂ 355X1-6 | 250 | 335 | 985 | 93.6 | 80.0 | 32.1 | 29.2 | 600 | 247 | 80 | 200 | 15.5 | 2600 |
| Y ₂ 355X2-6 | 280 | 375 | 985 | 93.8 | 80.0 | 35.9 | 32.6 | 600 | 277 | 80 | 200 | 16.5 | 2720 |
| Y ₂ 355X3-6 | 315 | 420 | 985 | 94.0 | 80.0 | 40.3 | 36.6 | 600 | 312 | 80 | 200 | 18 | 2830 |
| Y ₂ 400X1-6 | 355 | 475 | 988 | 94.7 | 82.0 | 44.0 | 40.0 | 600 | 350 | 80 | 200 | 28 | 3320 |
| Y ₂ 400X2-6 | 400 | 535 | 988 | 94.9 | 82.0 | 49.5 | 45.0 | 600 | 395 | 80 | 200 | 31 | 3500 |
| Y ₂ 400X3-6 | 450 | 605 | 988 | 95.1 | 83.0 | 54.9 | 49.9 | 600 | 444 | 80 | 200 | 34 | 3740 |
| Y ₂ 400X4-6 | 500 | 670 | 988 | 95.1 | 83.0 | 61.0 | 55.4 | 600 | 493 | 80 | 200 | 37 | 3920 |
| Y ₂ 450X1-6 | 560 | 750 | 988 | 95.4 | 83.0 | 68.1 | 61.9 | 600 | 552 | 80 | 200 | 43 | 4620 |
| Y ₂ 450X2-6 | 630 | 845 | 988 | 95.6 | 83.0 | 76.4 | 69.5 | 600 | 621 | 80 | 200 | 46 | 4840 |
| Y ₂ 450X3-6 | 710 | 950 | 990 | 95.7 | 83.0 | 86.0 | 78.2 | 600 | 699 | 80 | 200 | 50 | 5060 |
| Y ₂ 450X4-6 | 800 | 1070 | 990 | 95.8 | 83.0 | 96.8 | 88.0 | 600 | 787 | 80 | 200 | 54 | 5360 |
| Y ₂ 500X1-6 | 900 | 1205 | 990 | 96.0 | 83.0 | 108.7 | 98.8 | 600 | 886 | 80 | 200 | 74.5 | 6470 |
| Y ₂ 500X2-6 | 1000 | 1340 | 990 | 96.0 | 83.0 | 120.8 | 109.8 | 600 | 984 | 80 | 200 | 79.5 | 6750 |
| Y ₂ 500X3-6 | 1120 | 1500 | 990 | 96.1 | 84.0 | 133.5 | 121.4 | 600 | 1102 | 70 | 200 | 84.5 | 7030 |
| Y ₂ 500X4-6 | 1250 | 1680 | 990 | 96.2 | 84.0 | 148.9 | 135.3 | 600 | 1230 | 70 | 200 | 91 | 7410 |
| Y ₂ 560X1-6 | 1400 | 1880 | 990 | 96.3 | 84.0 | 166.5 | 151.4 | 600 | 1378 | 70 | 200 | 172 | 9020 |
| Y ₂ 560X2-6 | 1600 | 2140 | 990 | 96.4 | 84.0 | 190.1 | 172.9 | 600 | 1575 | 70 | 200 | 188 | 9540 |
| Y ₂ 355X1-8 | 160 | 215 | 738 | 93.4 | 76.0 | 21.7 | 19.7 | 550 | 211 | 80 | 200 | 14 | 2500 |
| Y ₂ 355X2-8 | 185 | 250 | 738 | 93.5 | 76.0 | 25.1 | 22.8 | 550 | 244 | 80 | 200 | 15 | 2590 |
| Y ₂ 355X3-8 | 200 | 270 | 738 | 93.4 | 76.0 | 27.1 | 24.6 | 550 | 264 | 80 | 200 | 16 | 2750 |
| Y ₂ 355X4-8 | 220 | 295 | 738 | 93.5 | 76.0 | 29.8 | 27.1 | 550 | 290 | 80 | 200 | 17 | 2820 |
| Y ₂ 355X5-8 | 250 | 335 | 738 | 93.7 | 77.0 | 33.3 | 30.3 | 550 | 330 | 80 | 200 | 18 | 2900 |
| Y ₂ 400X1-8 | 280 | 375 | 738 | 93.9 | 77.0 | 37.3 | 33.9 | 550 | 370 | 80 | 200 | 29 | 3300 |
| Y ₂ 400X2-8 | 315 | 420 | 740 | 94.1 | 78.0 | 41.3 | 37.5 | 550 | 415 | 80 | 200 | 31.5 | 3480 |
| Y ₂ 400X3-8 | 355 | 475 | 740 | 94.3 | 78.0 | 46.4 | 42.2 | 550 | 467 | 80 | 200 | 35 | 3720 |
| Y ₂ 400X4-8 | 400 | 535 | 740 | 94.3 | 78.0 | 52.3 | 47.6 | 550 | 527 | 80 | 200 | 37.5 | 3900 |
| Y ₂ 450X1-8 | 400 | 535 | 740 | 94.5 | 78.0 | 52.2 | 47.5 | 550 | 527 | 80 | 200 | 40 | 4300 |
| Y ₂ 450X2-8 | 450 | 605 | 740 | 94.7 | 78.0 | 58.6 | 53.3 | 550 | 593 | 80 | 200 | 42 | 4520 |
| Y ₂ 450X3-8 | 500 | 670 | 742 | 94.9 | 79.0 | 64.2 | 58.3 | 550 | 657 | 80 | 200 | 45 | 4820 |
| Y ₂ 450X4-8 | 560 | 750 | 742 | 95.0 | 79.0 | 71.8 | 65.3 | 550 | 735 | 80 | 200 | 51 | 5040 |
| Y ₂ 450X4-8 | 630 | 845 | 742 | 95.0 | 80.0 | 79.8 | 72.5 | 550 | 827 | 80 | 200 | 58 | 5480 |
| Y ₂ 500X1-8 | 630 | 845 | 742 | 95.4 | 80.0 | 79.4 | 72.2 | 550 | 827 | 80 | 200 | 81 | 5800 |
| Y ₂ 500X2-8 | 710 | 950 | 742 | 95.5 | 80.0 | 89.4 | 81.3 | 550 | 932 | 80 | 200 | 98 | 6550 |
| Y ₂ 500X3-8 | 800 | 1070 | 745 | 95.6 | 81.0 | 99.4 | 90.4 | 550 | 1046 | 70 | 200 | 105 | 6830 |
| Y ₂ 500X4-8 | 900 | 1205 | 745 | 95.6 | 81.0 | 111. | 101.7 | 550 | 1177 | 70 | 200 | 116 | 7300 |
| Y ₂ 560X1-8 | 1000 | 1340 | 745 | 95.7 | 81.0 | 124.1 | 112.9 | 550 | 1308 | 70 | 200 | 162 | 8690 |
| Y ₂ 560X2-8 | 1120 | 1500 | 745 | 95.8 | 81.0 | 138.9 | 126.3 | 550 | 1465 | 70 | 200 | 172 | 9000 |
| Y ₂ 560X3-8 | 1250 | 1680 | 745 | 95.9 | 81.0 | 154.8 | 140.8 | 550 | 1635 | 70 | 200 | 188 | 9520 |