

ACS880 Varastointilista

$U_N = 500$ V (range 380 to 500 V). The power ratings are valid at nominal voltage 500 V (0.55 to 250 kW).

| Drive type | Frame size | Nominal ratings | | | Light overload use | | Heavy-duty use | | Noise level (dBA) | Heat dissipation (W) | Air flow (m ³ /h) |
|------------------|------------------|-----------------|---------------|------------|--------------------|---------------|-------------------|---------------|-------------------|----------------------|------------------------------|
| | | I_N (A) | I_{MAX} (A) | P_N (kW) | I_{Ld} (A) | P_{Ld} (kW) | I_{Hd} (A) | P_{Hd} (kW) | | | |
| ACS880-01-02A1-5 | R1 | 2.1 | 3.1 | 0.75 | 2.0 | 0.75 | 1.7 | 0.55 | 46 | 30 | 44 |
| ACS880-01-03A0-5 | R1 | 3.0 | 4.1 | 1.1 | 2.8 | 1.1 | 2.1 | 0.75 | 46 | 40 | 44 |
| ACS880-01-03A4-5 | R1 | 3.4 | 5.6 | 1.5 | 3.2 | 1.5 | 3.0 | 1.1 | 46 | 52 | 44 |
| ACS880-01-04A8-5 | R1 | 4.8 | 6.8 | 2.2 | 4.6 | 2.2 | 3.4 | 1.5 | 46 | 73 | 44 |
| ACS880-01-05A2-5 | R1 | 5.2 | 9.5 | 3 | 4.9 | 3 | 4.8 | 2.2 | 46 | 94 | 44 |
| ACS880-01-07A6-5 | R1 | 7.6 | 12.2 | 4 | 7.2 | 4 | 5.2 | 3 | 46 | 122 | 44 |
| ACS880-01-11A0-5 | R1 | 11 | 16 | 5.5 | 10.4 | 5.5 | 7.6 | 4 | 46 | 172 | 44 |
| ACS880-01-014A-5 | R2 | 14 | 21 | 7.5 | 13 | 7.5 | 11 | 5.5 | 51 | 232 | 88 |
| ACS880-01-021A-5 | R2 | 21 | 29 | 11 | 19 | 11 | 14 | 7.5 | 51 | 337 | 88 |
| ACS880-01-027A-5 | R3 | 27 | 42 | 15 | 26 | 15 | 21 | 11 | 57 | 457 | 134 |
| ACS880-01-034A-5 | R3 | 34 | 54 | 18.5 | 32 | 18.5 | 27 | 15 | 57 | 562 | 134 |
| ACS880-01-040A-5 | R4 | 40 | 64 | 22 | 38 | 22 | 34 | 19 | 62 | 667 | 134 |
| ACS880-01-052A-5 | R4 | 52 | 76 | 30 | 49 | 30 | 40 | 22 | 62 | 907 | 280 |
| ACS880-01-065A-5 | R5 | 65 | 104 | 37 | 62 | 37 | 52 | 30 | 62 | 1117 | 280 |
| ACS880-01-077A-5 | R5 | 77 | 122 | 45 | 73 | 45 | 65 | 37 | 62 | 1120 | 280 |
| ACS880-01-096A-5 | R6 | 96 | 148 | 55 | 91 | 55 | 77 | 45 | 67 | 1295 | 435 |
| ACS880-01-124A-5 | R6 | 124 | 178 | 75 | 118 | 75 | 96 | 55 | 67 | 1440 | 435 |
| ACS880-01-156A-5 | R7 | 156 | 247 | 90 | 148 | 90 | 124 | 75 | 67 | 1940 | 450 |
| ACS880-01-180A-5 | R7 | 180 | 287 | 110 | 171 | 110 | 156 | 90 | 67 | 2310 | 450 |
| ACS880-01-240A-5 | R8 ⁴⁾ | 240 | 350 | 132 | 228 | 132 | 180 | 110 | 65 | 3300 | 550 |
| ACS880-01-260A-5 | R8 ³⁾ | 260 | 418 | 160 | 247 | 160 | 240 ¹⁾ | 132 | 65 | 3900 | 550 |
| ACS880-01-361A-5 | R9 ⁶⁾ | 361 | 542 | 200 | 343 | 200 | 302 | 200 | 68 | 4800 | 1150 |
| ACS880-01-414A-5 | R9 ³⁾ | 414 | 542 | 250 | 393 | 250 | 361 ²⁾ | 200 | 68 | 6000 | 1150 |

$U_N = 690$ V (range 525 to 690 V). The power ratings are valid at nominal voltage 690 V (4 to 250 kW).

| Drive type | Frame size | Nominal ratings | | | Light overload use | | Heavy-duty use | | Noise level (dBA) | Heat dissipation (W) | Air flow (m ³ /h) |
|------------------|------------------|-----------------|---------------|------------|--------------------|---------------|----------------|---------------|-------------------|----------------------|------------------------------|
| | | I_N (A) | I_{MAX} (A) | P_N (kW) | I_{Ld} (A) | P_{Ld} (kW) | I_{Hd} (A) | P_{Hd} (kW) | | | |
| ACS880-01-07A4-7 | R3 | 7.4 | 12.2 | 5.5 | 7.0 | 5.5 | 5.6 | 4 | 57 | 114 | 134 |
| ACS880-01-09A9-7 | R3 | 9.9 | 18 | 7.5 | 9.4 | 7.5 | 7.4 | 5.5 | 57 | 143 | 134 |
| ACS880-01-14A3-7 | R3 | 14.3 | 22 | 11 | 13.6 | 11 | 9.9 | 7.5 | 57 | 207 | 134 |
| ACS880-01-019A-7 | R3 | 19 | 28.9 | 15 | 18.1 | 15 | 14.3 | 11 | 57 | 274 | 134 |
| ACS880-01-023A-7 | R3 | 23 | 38 | 18.5 | 21.9 | 18.5 | 19 | 15 | 57 | 329 | 134 |
| ACS880-01-027A-7 | R3 | 27 | 46 | 22 | 25.7 | 22 | 23 | 18.5 | 57 | 405 | 134 |
| ACS880-01-07A3-7 | R5 | 7.3 | 12.2 | 5.5 | 6.9 | 5.5 | 5.6 | 4 | 62 | 217 | 280 |
| ACS880-01-09A8-7 | R5 | 9.8 | 18 | 7.5 | 9.3 | 7.5 | 7.3 | 5.5 | 62 | 284 | 280 |
| ACS880-01-14A2-7 | R5 | 14.2 | 22 | 11 | 13.5 | 11 | 9.8 | 7.5 | 62 | 399 | 280 |
| ACS880-01-018A-7 | R5 | 18 | 29 | 15 | 17 | 15 | 14.2 | 11 | 62 | 490 | 280 |
| ACS880-01-022A-7 | R5 | 22 | 44 | 18.5 | 21 | 18.5 | 18 | 15 | 62 | 578 | 280 |
| ACS880-01-026A-7 | R5 | 26 | 54 | 22 | 25 | 22 | 22 | 18.5 | 62 | 660 | 280 |
| ACS880-01-035A-7 | R5 | 35 | 64 | 30 | 33 | 30 | 26 | 22 | 62 | 864 | 280 |
| ACS880-01-042A-7 | R5 | 42 | 70 | 37 | 40 | 37 | 35 | 30 | 62 | 998 | 280 |
| ACS880-01-049A-7 | R5 | 49 | 71 | 45 | 47 | 45 | 42 | 37 | 62 | 1120 | 280 |
| ACS880-01-061A-7 | R6 | 61 | 104 | 55 | 58 | 55 | 49 | 45 | 67 | 1295 | 435 |
| ACS880-01-084A-7 | R6 | 84 | 124 | 75 | 80 | 75 | 61 | 55 | 67 | 1440 | 435 |
| ACS880-01-098A-7 | R7 | 98 | 168 | 90 | 93 | 90 | 84 | 75 | 67 | 1940 | 450 |
| ACS880-01-119A-7 | R7 | 119 | 198 | 110 | 113 | 110 | 98 | 90 | 67 | 2310 | 450 |
| ACS880-01-142A-7 | R8 | 142 | 250 | 132 | 135 | 132 | 119 | 110 | 65 | 3300 | 550 |
| ACS880-01-174A-7 | R8 ³⁾ | 174 | 274 | 160 | 165 | 160 | 142 | 132 | 65 | 3900 | 550 |
| ACS880-01-210A-7 | R9 ⁷⁾ | 210 | 384 | 200 | 200 | 200 | 174 | 160 | 68 | 4200 | 1150 |
| ACS880-01-271A-7 | R9 ³⁾ | 271 | 411 | 250 | 257 | 250 | 210 | 200 | 68 | 4800 | 1150 |