



SUBMERSIBLE MOTORS MOTORI IMMERSI

AT-4p 50Hz-S1+S2-60+S2-30-2102-11

PERFORMANCE DATA SHEET (INPUT CURRENT VS VOLTAGE) 4 POLES THREE PHASE 50 Hz

Duty Type S1

| NOMINAL OUTPUT NENNLEISTUNG POTENZA NOMINALE RESA | HP KW | 1 | 1.5 | 2 | 3 | 4 | 5.5 | 6 | 6.5 | 7.5 | 9 | 10 | 12.5 | 15 | 16 | 17 | 18 | 20 | 25 | 30 | 38 | 46 |
|---|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|
| | | 0.75 | 1.1 | 1.5 | 2.2 | 3 | 4 | 4.4 | 4.8 | 5.5 | 6.6 | 7.5 | 9.2 | 11 | 11.8 | 12.5 | 13.2 | 15 | 18.5 | 22 | 28 | 34 |
| 200 VOLT ▲ | NOMINAL CURRENT NENNSTROM CORRENTE NOMINALE | 5.2 | 6.9 | 8.6 | 11.8 | 15.8 | 21.1 | 22.6 | 23.8 | 26.8 | 32 | 39 | 41 | 48 | 56 | 58 | 60 | 66 | 77 | 90 | 120 | 146 |
| | STARTING CURRENT AT DELTA-STARTING ANZUGSSTROM BEI ANLAUF IN ▲ - SCHALTUNG CORRENTE DI AVV. CON COLLEGAMENTO ▲ | 14.6 | 20.8 | 24.4 | 35 | 48 | 64 | 64 | 72 | 80 | 100 | 112 | 146 | 152 | 194 | 206 | 212 | 236 | 282 | 344 | 400 | 490 |
| 230 VOLT ▲ | NOMINAL CURRENT NENNSTROM CORRENTE NOMINALE | 4.5 | 6 | 7.5 | 10.2 | 13.8 | 18.4 | 19.6 | 20.7 | 23.3 | 27.6 | 34 | 36 | 41 | 49 | 50 | 52 | 58 | 67 | 78 | 105 | 127 |
| | STARTING CURRENT AT DELTA-STARTING ANZUGSSTROM BEI ANLAUF IN ▲ - SCHALTUNG CORRENTE DI AVV. CON COLLEGAMENTO ▲ | 12.7 | 18.1 | 21.2 | 30 | 42 | 56 | 56 | 63 | 70 | 87 | 97 | 127 | 132 | 169 | 179 | 184 | 205 | 245 | 299 | 348 | 426 |
| 240 VOLT ▲ | NOMINAL CURRENT NENNSTROM CORRENTE NOMINALE | 4.3 | 5.8 | 7.2 | 9.8 | 13.2 | 17.6 | 18.8 | 19.8 | 22.3 | 26.4 | 33 | 34 | 40 | 47 | 48 | 50 | 55 | 64 | 75 | 100 | 122 |
| | STARTING CURRENT AT DELTA-STARTING ANZUGSSTROM BEI ANLAUF IN ▲ - SCHALTUNG CORRENTE DI AVV. CON COLLEGAMENTO ▲ | 12.2 | 17.3 | 20.3 | 28.8 | 40 | 53 | 53 | 60 | 67 | 83 | 93 | 122 | 127 | 162 | 172 | 177 | 197 | 235 | 287 | 333 | 408 |
| 400 VOLT ▲ | NOMINAL CURRENT NENNSTROM CORRENTE NOMINALE | 2.6 | 3.5 | 4.3 | 5.9 | 7.9 | 10.6 | 11.3 | 11.9 | 13.4 | 15.9 | 19.5 | 20.5 | 23.9 | 28 | 29 | 30 | 33 | 39 | 45 | 60 | 73 |
| | STARTING CURRENT AT DELTA-STARTING ANZUGSSTROM BEI ANLAUF IN ▲ - SCHALTUNG CORRENTE DI AVV. CON COLLEGAMENTO ▲ | 7.3 | 10.4 | 12.2 | 17.3 | 24.1 | 32 | 32 | 36 | 40 | 50 | 56 | 73 | 76 | 97 | 103 | 106 | 118 | 141 | 172 | 200 | 245 |
| 415 VOLT ▲ | NOMINAL CURRENT NENNSTROM CORRENTE NOMINALE | 2.5 | 3.3 | 4.2 | 5.7 | 7.6 | 10.2 | 10.9 | 11.5 | 12.9 | 15.3 | 18.8 | 19.7 | 23 | 27 | 28 | 28.9 | 32 | 37 | 43 | 58 | 70 |
| | STARTING CURRENT AT DELTA-STARTING ANZUGSSTROM BEI ANLAUF IN ▲ - SCHALTUNG CORRENTE DI AVV. CON COLLEGAMENTO ▲ | 7 | 10 | 11.8 | 16.7 | 23.2 | 31 | 31 | 35 | 39 | 48 | 54 | 70 | 73 | 93 | 99 | 102 | 114 | 136 | 166 | 193 | 236 |
| 500 VOLT ▲ | NOMINAL CURRENT NENNSTROM CORRENTE NOMINALE | 2.1 | 2.8 | 3.4 | 4.7 | 6.3 | 8.4 | 9 | 9.5 | 10.7 | 12.7 | 15.6 | 16.4 | 19.1 | 22.4 | 23.2 | 24 | 26.5 | 31 | 36 | 48 | 58 |
| | STARTING CURRENT AT DELTA-STARTING ANZUGSSTROM BEI ANLAUF IN ▲ - SCHALTUNG CORRENTE DI AVV. CON COLLEGAMENTO ▲ | 5.8 | 8.3 | 9.8 | 13.8 | 19.3 | 25.6 | 25.6 | 28.8 | 32 | 40 | 45 | 58 | 61 | 78 | 82 | 85 | 94 | 113 | 138 | 160 | 196 |

Duty Type S2 60 min

| NOMINAL OUTPUT NENNLEISTUNG POTENZA NOMINALE RESA | HP KW | 1 | 1.5 | 2 | 3 | 4 | 5.5 | 6.5 | 7.5 | 9 | 10 | 12.5 | 15 | 17 | 18 | 20 | 25 | 30 | 40 | 50 | 60 | |
|---|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|------|-----|-----|-----|-----|-----|
| | | 0.75 | 1.1 | 1.5 | 2.2 | 3 | 4 | 4.8 | 5.5 | 6.6 | 7.5 | 9.2 | 11 | 12.5 | 13.2 | 15 | 18.5 | 22 | 30 | 37 | 45 | |
| 200 VOLT ▲ | NOMINAL CURRENT NENNSTROM CORRENTE NOMINALE | 5.2 | 6.9 | 8.6 | 11.8 | 15.8 | 21.1 | 23.7 | 23.8 | 33 | 36 | 46 | 48 | 61 | 63 | 76 | 89 | 104 | 148 | 183 | 220 | 270 |
| | STARTING CURRENT AT DELTA-STARTING ANZUGSSTROM BEI ANLAUF IN ▲ - SCHALTUNG CORRENTE DI AVV. CON COLLEGAMENTO ▲ | 14.6 | 20.8 | 24.4 | 35 | 48 | 64 | 74 | 84 | 98 | 116 | 136 | 152 | 194 | 226 | 282 | 330 | 468 | 548 | 664 | 800 | 990 |
| 230 VOLT ▲ | NOMINAL CURRENT NENNSTROM CORRENTE NOMINALE | 4.5 | 6 | 7.5 | 10.2 | 13.8 | 18.4 | 22.3 | 24.6 | 28.7 | 31 | 40 | 41 | 53 | 55 | 66 | 77 | 90 | 104 | 128 | 159 | 191 |
| | STARTING CURRENT AT DELTA-STARTING ANZUGSSTROM BEI ANLAUF IN ▲ - SCHALTUNG CORRENTE DI AVV. CON COLLEGAMENTO ▲ | 12.7 | 18.1 | 21.2 | 30 | 42 | 56 | 64 | 73 | 85 | 101 | 118 | 132 | 169 | 197 | 245 | 287 | 407 | 477 | 577 | 667 | 817 |
| 240 VOLT ▲ | NOMINAL CURRENT NENNSTROM CORRENTE NOMINALE | 4.3 | 5.8 | 7.2 | 9.8 | 13.2 | 17.6 | 21.4 | 23.6 | 27.5 | 30 | 38 | 40 | 51 | 53 | 63 | 74 | 86 | 104 | 123 | 153 | 183 |
| | STARTING CURRENT AT DELTA-STARTING ANZUGSSTROM BEI ANLAUF IN ▲ - SCHALTUNG CORRENTE DI AVV. CON COLLEGAMENTO ▲ | 12.2 | 17.3 | 20.3 | 28.8 | 40 | 53 | 62 | 70 | 82 | 97 | 113 | 127 | 162 | 188 | 235 | 275 | 390 | 457 | 553 | 633 | 783 |
| 400 VOLT ▲ | NOMINAL CURRENT NENNSTROM CORRENTE NOMINALE | 2.6 | 3.5 | 4.3 | 5.9 | 7.9 | 10.6 | 12.8 | 14.2 | 16.5 | 18.1 | 23.1 | 23.9 | 30 | 32 | 38 | 44 | 52 | 64 | 74 | 92 | 110 |
| | STARTING CURRENT AT DELTA-STARTING ANZUGSSTROM BEI ANLAUF IN ▲ - SCHALTUNG CORRENTE DI AVV. CON COLLEGAMENTO ▲ | 7.3 | 10.4 | 12.2 | 17.3 | 24.1 | 32 | 37 | 42 | 49 | 58 | 68 | 76 | 97 | 113 | 141 | 165 | 234 | 274 | 332 | 380 | 466 |
| 415 VOLT ▲ | NOMINAL CURRENT NENNSTROM CORRENTE NOMINALE | 2.5 | 3.3 | 4.2 | 5.7 | 7.6 | 10.2 | 12.4 | 13.6 | 15.9 | 17.4 | 22.2 | 23 | 29.2 | 30 | 36 | 43 | 50 | 64 | 71 | 88 | 106 |
| | STARTING CURRENT AT DELTA-STARTING ANZUGSSTROM BEI ANLAUF IN ▲ - SCHALTUNG CORRENTE DI AVV. CON COLLEGAMENTO ▲ | 7 | 10 | 11.8 | 16.7 | 23.2 | 31 | 36 | 40 | 47 | 56 | 66 | 73 | 93 | 109 | 136 | 159 | 226 | 264 | 320 | 366 | 452 |
| 500 VOLT ▲ | NOMINAL CURRENT NENNSTROM CORRENTE NOMINALE | 2.1 | 2.8 | 3.4 | 4.7 | 6.3 | 8.4 | 10.3 | 11.3 | 13.2 | 14.5 | 18.4 | 19.1 | 24.2 | 25.3 | 30 | 36 | 41 | 59 | 73 | 88 | 103 |
| | STARTING CURRENT AT DELTA-STARTING ANZUGSSTROM BEI ANLAUF IN ▲ - SCHALTUNG CORRENTE DI AVV. CON COLLEGAMENTO ▲ | 5.8 | 8.3 | 9.8 | 13.8 | 19.3 | 25.6 | 29.6 | 34 | 39 | 46 | 54 | 67 | 78 | 90 | 113 | 132 | 187 | 219 | 266 | 304 | 366 |

Duty Type S2 30 min

| NOMINAL OUTPUT NENNLEISTUNG POTENZA NOMINALE RESA | HP KW | 1 | 1.5 | 2 | 3 | 4 | 5.5 | 6.5 | 7.5 | 9 | 10 | 12.5 | 15 | 17.5 | 20 | 25 | 30 | 40 | 50 | 60 | 75 | |
|---|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|------|-----|-----|-----|-----|-----|
| | | 0.75 | 1.1 | 1.5 | 2.2 | 3 | 4 | 4.8 | 5.5 | 6.6 | 7.5 | 9.2 | 11 | 12.5 | 13.2 | 15 | 18.5 | 22 | 30 | 37 | 45 | |
| 200 VOLT ▲ | NOMINAL CURRENT NENNSTROM CORRENTE NOMINALE | 5.2 | 6.9 | 8.6 | 11.8 | 15.8 | 21.1 | 23.7 | 23.8 | 33 | 36 | 46 | 48 | 61 | 63 | 76 | 89 | 104 | 148 | 183 | 220 | 270 |
| | STARTING CURRENT AT DELTA-STARTING ANZUGSSTROM BEI ANLAUF IN ▲ - SCHALTUNG CORRENTE DI AVV. CON COLLEGAMENTO ▲ | 14.6 | 20.8 | 24.4 | 35 | 48 | 64 | 74 | 84 | 98 | 116 | 136 | 152 | 194 | 226 | 282 | 330 | 468 | 548 | 664 | 800 | 990 |
| 230 VOLT ▲ | NOMINAL CURRENT NENNSTROM CORRENTE NOMINALE | 4.5 | 6 | 7.5 | 10.2 | 13.8 | 18.4 | 22.3 | 24.6 | 28.7 | 31 | 40 | 41 | 53 | 55 | 66 | 77 | 90 | 104 | 128 | 159 | 191 |
| | STARTING CURRENT AT DELTA-STARTING ANZUGSSTROM BEI ANLAUF IN ▲ - SCHALTUNG CORRENTE DI AVV. CON COLLEGAMENTO ▲ | 12.7 | 18.1 | 21.2 | 30 | 42 | 56 | 64 | 73 | 85 | 101 | 118 | 132 | 169 | 197 | 245 | 287 | 407 | 477 | 577 | 667 | 817 |
| 240 VOLT ▲ | NOMINAL CURRENT NENNSTROM CORRENTE NOMINALE | 4.3 | 5.8 | 7.2 | 9.8 | 13.2 | 17.6 | 21.4 | 23.6 | 27.5 | 30 | 38 | 40 | 51 | 53 | 63 | 74 | 86 | 104 | 123 | 153 | 183 |
| | STARTING CURRENT AT DELTA-STARTING ANZUGSSTROM BEI ANLAUF IN ▲ - SCHALTUNG CORRENTE DI AVV. CON COLLEGAMENTO ▲ | 12.2 | 17.3 | 20.3 | 28.8 | 40 | 53 | 62 | 70 | 82 | 97 | 113 | 127 | 162 | 188 | 235 | 275 | 390 | 457 | 553 | 633 | 783 |
| 400 VOLT ▲ | NOMINAL CURRENT NENNSTROM CORRENTE NOMINALE | 2.6 | 3.5 | 4.3 | 5.9 | 7.9 | 10.6 | 12.8 | 14.2 | 16.5 | 18.1 | 23.1 | 23.9 | 30 | 32 | 38 | 44 | 52 | 64 | 74 | 92 | 110 |
| | STARTING CURRENT AT DELTA-STARTING ANZUGSSTROM BEI ANLAUF IN ▲ - SCHALTUNG CORRENTE DI AVV. CON COLLEGAMENTO ▲ | 7.3 | 10.4 | 12.2 | 17.3 | 24.1 | 32 | 37 | 42 | 49 | 58 | 68 | 76 | 97 | 113 | 141 | 165 | 234 | 274 | 332 | 380 | 466 |
| 415 VOLT ▲ | NOMINAL CURRENT NENNSTROM CORRENTE NOMINALE | 2.5 | 3.3 | 4.2 | 5.7 | 7.6 | 10.2 | 12.4 | 13.6 | 15.9 | 17.4 | 22.2 | 23 | 29.2 | 30 | 36 | 43 | 50 | 64 | 71 | 88 | 106 |
| | STARTING CURRENT AT DELTA-STARTING ANZUGSSTROM BEI ANLAUF IN ▲ - SCHALTUNG CORRENTE DI AVV. CON COLLEGAMENTO ▲ | 7 | 10 | 11.8 | 16.7 | 23.2 | 31 | 36 | 40 | 47 | 56 | 66 | 73 | 93 | 109 | 136 | 159 | 226 | 264 | 320 | 366 | 452 |
| 500 VOLT ▲ | NOMINAL CURRENT NENNSTROM CORRENTE NOMINALE | 2.1 | 2.8 | 3.4 | 4.7 | 6.3 | 8.4 | 10.3 | 11.3 | 13.2 | 14.5 | 18.4 | 19.1 | 24.2 | 25.3 | 30 | 36 | 41 | 59 | 73 | 88 | 103 |
| | STARTING CURRENT AT DELTA-STARTING ANZUGSSTROM BEI ANLAUF IN ▲ - SCHALTUNG CORRENTE DI AVV. CON COLLEGAMENTO ▲ | 5.8 | 8.3 | 9.8 | 13.8 | 19.3 | 25.6 | 29.6 | 34 | 39 | 46 | 54 | 67 | 78 | 90 | 113 | 132 | 187 | 219 | 266 | 304 | 366 |

■ FOR MOTORS WORKING INTO HYDRAULIC OIL AT 45°C
 UNTEROELMOTOR IN OEL 45°C
 CON MOTORE IMMERSO IN OLIO IDRAULICO A 45°C