

Motor data sheet

M2AA 80A 4

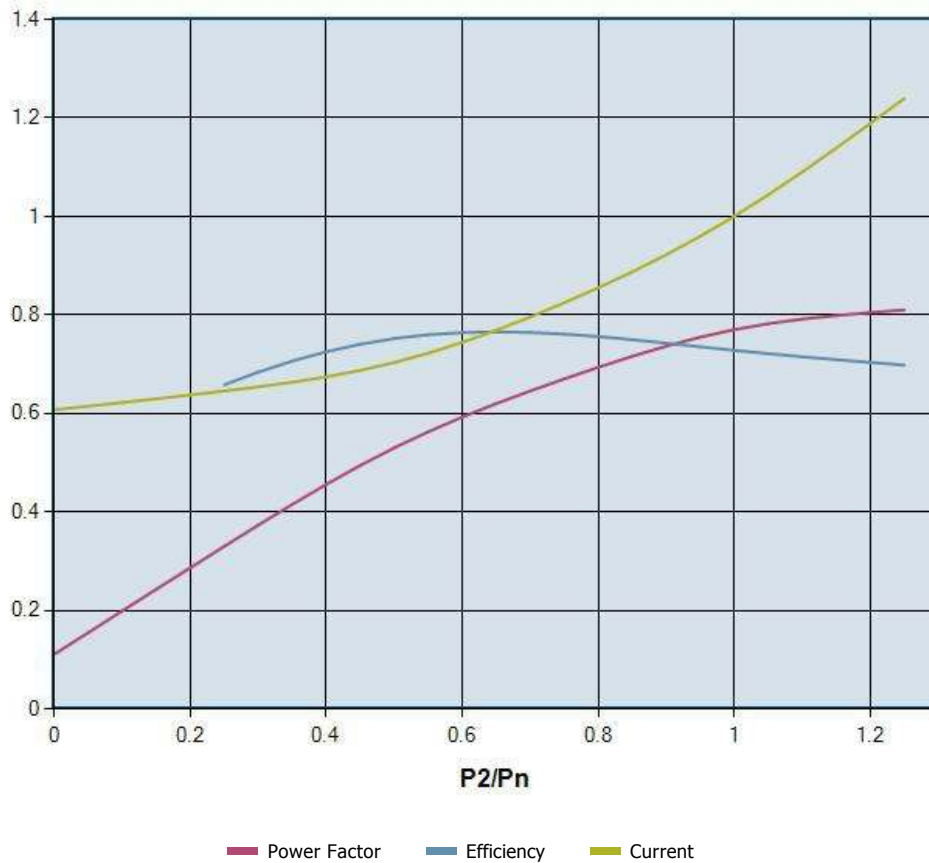
For ordering purposes within selected meps, please add , Variant Code: 209 Special winding

| Definition | Data | Unit | Remarks |
|---|-----------------------|-------------------|-----------------------|
| Product code | 3GAA 082 001-**E | | |
| Voltage code | P | | |
| Calculation_id | GEN_3GAA082001-E_D | | |
| Type/Frame | M2AA 80A 4 | | |
| Design | CENELEC | | |
| Efficiency class | IE1 | | |
| Rated output P_N | 0.55 | kW | |
| Rated voltage U_N | 400 | V D | ± 5 % (IEC 60034-1) |
| Rated frequency f_N | 50 | Hz | ± 2 % (IEC 60034-1) |
| Rated speed n_N | 1375 | r/min | |
| Rated current I_N | 1.41 | A | |
| Starting current I_S/I_N | 4.5 | | |
| Nominal torque T_N | 3.8 | Nm | |
| Locked rotor torque T_l/T_N | 1.8 | | |
| Maximum torque T_b/T_N | 2.2 | | |
| Efficiency - full load 100% | 72.8 | % | Acc. to IEC 60034-2-1 |
| Efficiency - 75% | 76.1 | % | |
| Efficiency - 50% | 75.2 | % | |
| Power factor - full load 100% | 0.77 | | |
| Bearing DE/NDE | 6204-2Z/C3 6203-2Z/C3 | | |
| Sound pressure level L_{pA} dB | 50 | dB(A) | +3dB(A) |
| Moment of inertia $J = \frac{1}{4} GD^2$ kgm ² | 0 | kg-m ² | |
| Weight | 8.5 | kg | |

Motor data sheet

M2AA 80A 4

Running performance chart



Motor data sheet

M2AA 80A 4

Starting performance chart information

