

Motor data sheet

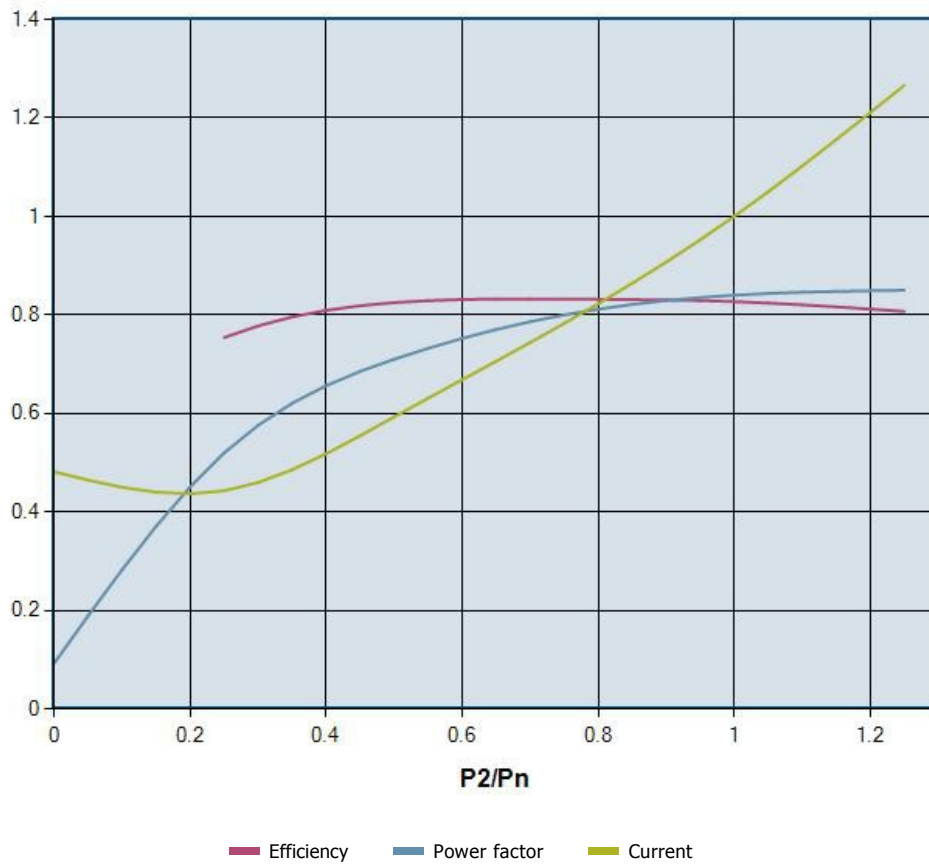
M3BP 80 ME 2

| Definition | Data | Unit | Remarks |
|---|-----------------------|-------------------|-----------------------|
| Product code | 3GBP 081 350-**L | | |
| Voltage code | S | | |
| Type/Frame | M3BP 80 ME 2 | | |
| Design | CENELEC | | |
| Efficiency class | IE3 | | |
| Rated output P_N | 1.1 | 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 | 2865 | r/min | |
| Rated current I_N | 2.3 | A | |
| Starting current I_S/I_N | 7.2 | | |
| Nominal torque T_N | 3.7 | Nm | |
| Locked rotor torque T_l/T_N | 3.5 | | |
| Maximum torque T_b/T_N | 4.1 | | |
| Efficiency - full load 100% | 82.7 | % | Acc. to IEC 60034-2-1 |
| Efficiency - 75% | 83.2 | % | |
| Efficiency - 50% | 82.5 | % | |
| Power factor - full load 100% | 0.84 | | |
| Bearing DE/NDE | 6204-2Z/C3 6203-2Z/C3 | | |
| Sound pressure level L_{pA} dB | 60 | dB(A) | +3dB(A) |
| Moment of inertia $J = \frac{1}{4} GD^2$ kgm ² | 0 | kg-m ² | |
| Weight | 18 | kg | |

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Running performance chart



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Starting performance chart information

