

# Motor data sheet

## M2AA 80A 6

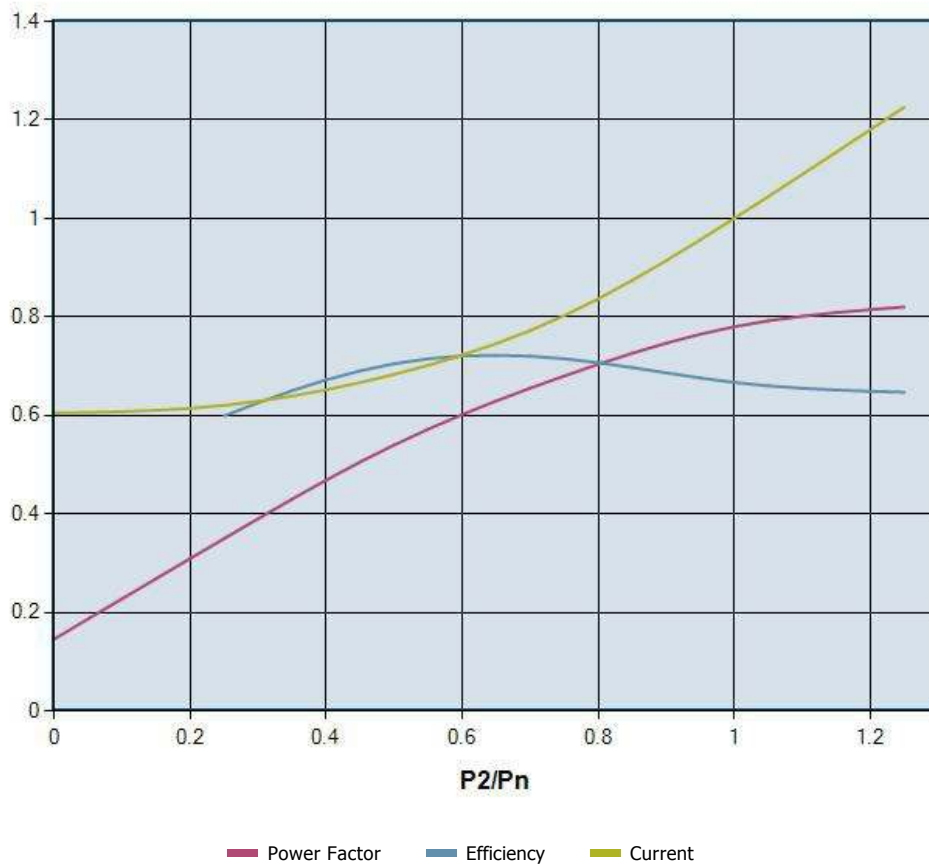
For ordering purposes within selected meps, please add , Variant Code: 209 Special winding

| Definition  | Data                  | Unit              | Remarks               |
|---|-----------------------|-------------------|-----------------------|
| Product code  | 3GAA 083 001-**E      |                   |                       |
| Voltage code  | D                     |                   |                       |
| Calculation_id  | GEN_3GAA083001-E_D    |                   |                       |
| Type/Frame  | M2AA 80A 6            |                   |                       |
| Design  | CENELEC               |                   |                       |
| Efficiency class  | IE1                   |                   |                       |
| Rated output $P_N$  | 0.37                  | kW                |                       |
| Rated voltage $U_N$                                       | 380                   | V X               | ± 5 % (IEC 60034-1)   |
| Rated frequency $f_N$                                     | 50                    | Hz                | ± 2 % (IEC 60034-1)   |
| Rated speed $n_N$   | 890                   | r/min             |                       |
| Rated current $I_N$                                       | 1.08                  | A                 |                       |
| Starting current $I_S/I_N$                                | 3.4                   |                   |                       |
| Nominal torque $T_N$                                      | 3.9                   | Nm                |                       |
| Locked rotor torque $T_l/T_N$                             | 1.4                   |                   |                       |
| Maximum torque $T_b/T_N$                                  | 1.8                   |                   |                       |
| Efficiency - full load 100%                               | 66.7                  | %                 | Acc. to IEC 60034-2-1 |
| Efficiency - 75%  | 71.5                  | %                 |                       |
| Efficiency - 50%  | 70.5                  | %                 |                       |
| Power factor - full load 100%                             | 0.78                  |                   |                       |
| Bearing DE/NDE  | 6204-2Z/C3 6203-2Z/C3 |                   |                       |
| Sound pressure level $L_{pA}$ dB                          | 47                    | dB(A)             | +3dB(A)               |
| Moment of inertia $J = \frac{1}{4} GD^2$ kgm <sup>2</sup> | 0                     | kg-m <sup>2</sup> |                       |
| Weight  | 9                     | kg                |                       |

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### Running performance chart



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### Starting performance chart information

