

# MOLL-MOTOR

## Karta silnika klatkowego

datasheet for squirrel-cage-motors

|                                                                |            |       |
|----------------------------------------------------------------|------------|-------|
| Typ silnika:<br>ordering data:                                 | Y3-90L4 B5 |       |
| Nr. zamówienia:<br>order-nr.:                                  |            |       |
| Dane elektryczne / electrical data                             |            |       |
| Moc znamionowa Pn<br>rated motor power Pn                      | 1,5        | kW    |
| Obroty n<br>speed n                                            | 1390       | 1/min |
| Napięcie zasilania<br>rated motor voltage                      | 230/400    | V     |
| Częstotliwość<br>frequency                                     | 50         | Hz    |
| Prąd znamionowy In<br>rated motor current In                   | 3,41       | A     |
| Moment Mn<br>rated motor torque Mn                             | 10,23      | Nm    |
| Sprawność 100%<br>efficiency 100%                              | 80,3       | %     |
| Klasa energetyczna<br>efficiency class                         | IE1        |       |
| Współczynnik mocy cos φ<br>power factor cos φ                  | 0,79       |       |
| Współczynnik prądu startowego<br>starting-/rated motor current | 6,00       | Ia/In |
| Współ. momentu startowego<br>starting-/rated motor torque      | 2,3        | Ma/Mn |

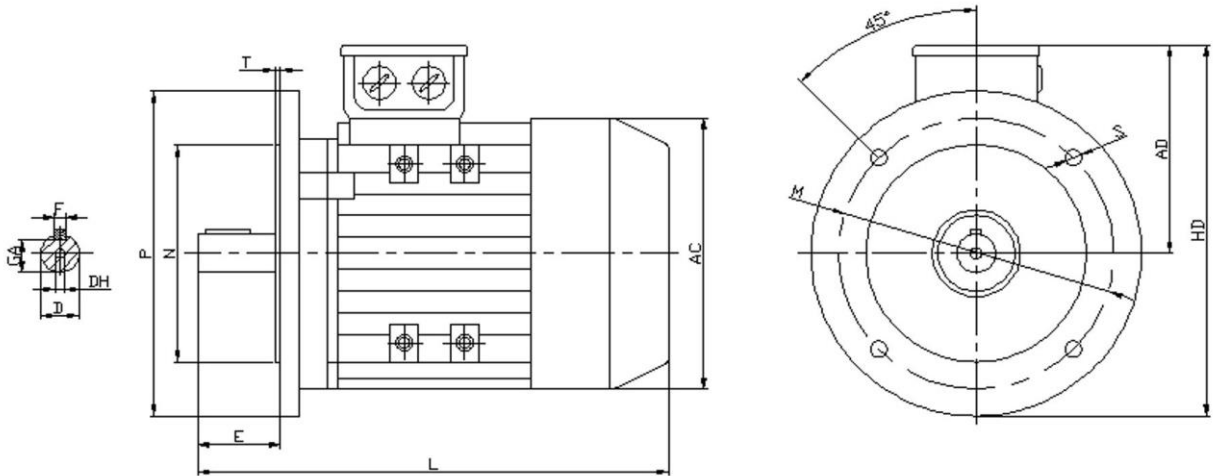
|                 |
|-----------------|
| Opcje / options |
|                 |
|                 |
|                 |

| Inne dane / general data                    |                                              |                  |
|---------------------------------------------|----------------------------------------------|------------------|
| Wznios<br>size                              | IEC 90L                                      |                  |
| Forma wykonania<br>type of construction     | B5                                           |                  |
| Waga kg<br>weight kg                        | 13,8                                         |                  |
| Korpus silnika<br>frame material            | Aluminium                                    |                  |
| Stopień ochrony<br>degree of protection     | IP55                                         |                  |
| Klasa izolacji<br>insulation class          | CLF                                          |                  |
| Rodzaj pracy<br>duty type                   | S1 =praca ciągła<br>S1= continuous operation |                  |
| Dane mechaniczne / mechanical data          |                                              |                  |
| Łożyska strona A/B<br>DE/NDE bearing design | 6205.2RS                                     | 6205.2RS         |
| Bezwładność Jmot<br>moment of inertia Jmot  | 0,0029                                       | kgm <sup>2</sup> |
| Kalamitki<br>regreasing device              | nie/no                                       |                  |
| Lakierowanie<br>painting                    | RAL7030                                      |                  |
|                                             |                                              |                  |

|                                         |   |
|-----------------------------------------|---|
| Rodzaj ochrony<br>type of ex-protection | - |
| Uwagi /remarks                          |   |
|                                         |   |

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|  |
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### Wymiary (mm) / Overall dimensions (mm)



|    |    |   |    |     |     |     |   |    |     |     |     |     |   |   |
|----|----|---|----|-----|-----|-----|---|----|-----|-----|-----|-----|---|---|
| D  | E  | F | G  | M   | N   | P   | R | S  | T   | AC  | AD  | L   | - | - |
| 24 | 50 | 8 | 20 | 165 | 130 | 200 | 0 | 12 | 3,5 | 195 | 140 | 340 | - | - |
| -  | -  | - | -  | -   | -   | -   | - | -  | -   | -   | -   | -   | - | - |

Możliwe zmiany techniczne! / Es können Abweichungen von kalkulierten- und Leistungsschilddaten entstehen.  
Technical and ordering data are subject to change! / There may be discrepancies between calculated and rating plate data.

[illegible]