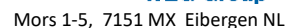


## rotor nl®



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**Model No.** 4-Pole cage motor 6RN 200L 42kW D440V 60Hz IM1041

[illegible]

|                               |                              |                                    |                       |
|-------------------------------|------------------------------|------------------------------------|-----------------------|
| Motor type                    | 6RN200L04E36                 | Degree of protection               | IP55                  |
| Enclosure                     | Totally Enclosed Fan Cooling | Mounting type                      | IM1041                |
| Frame Material                | Cast iron                    | Cooling method                     | IC411                 |
| Frame size                    | 200L                         | Motor weight - approx.             | 260 kg                |
| Duty                          | S1                           | Gross weight - approx.             | 270 kg                |
| Voltage                       | 440 V                        | Motor inertia                      | 0,2750 kgm²           |
| Frequency                     | 60 Hz                        |                                    |                       |
| Power output                  | 42 kW                        | Vibration level                    | according IEC60034-14 |
|                               |                              | Noise level (pressure) acc 60034-9 | 70 dB(A)              |
| Insulation class              | F                            |                                    |                       |
| Ambient temperature           | -20 till 40 °C               |                                    |                       |
| Temperature rise              | temp.rise acc. B             |                                    |                       |
| Temperature rise winding      | 60 K                         |                                    |                       |
| Temperature rise surface      |                              |                                    |                       |
| Altitude above sea level      | 1000 mtr                     | Direction of rotation              | cw /ccw               |
| Hazardous area classification | Safe area                    |                                    |                       |
| Te time                       | 0 sec                        |                                    |                       |
|                               |                              |                                    |                       |
| Rotor type                    | Cage motor                   |                                    |                       |
| Bearing type                  | 6312-2Z/C3WT                 |                                    |                       |
|                               |                              |                                    |                       |
| Type of grease                | Unirex N3                    |                                    |                       |

| Voltage/Freq  | Locked rotor Torque [% nom] | Starting current [% nom] | Pull-up Torque [% nom] | Breakdown Torque [% nom] | No-load Current [A] |
|---------------|-----------------------------|--------------------------|------------------------|--------------------------|---------------------|
| @ D 440V 60Hz | 264%                        | 821%                     | 256%                   | 318%                     | 24 A                |

**NOTE**

All performance values at rated voltage and frequency.

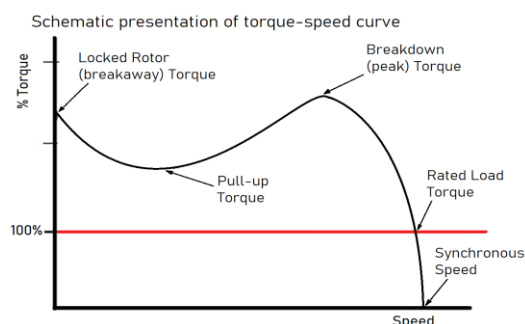
All performance parameters are subjected to standard tolerance as per IEC 60034-1

Voltage, Frequency are as per IEC60034-1

Technical data are subject to change. There may be discrepancies between calculated and name plate values.

|            |                  |               |
|------------|------------------|---------------|
| Efficiency | Europe           | Global IEC    |
| Standards  | EN-IEC: 60034-30 | IEC: 60034-30 |

This is an uncontrolled copy, data can be changed anytime.



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