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## TECHNICAL SPECIFICATION SHEET

### THREE PHASES SQUIREL CAGE ASYNCHRONOUS MOTOR

|                                |                |       |
|--------------------------------|----------------|-------|
| Type                           | NMST 315L 2    |       |
| Protection Class               | IP65           |       |
| Duty Type / Service Factor     | S2 240 dak     | 1.0   |
| Insulation Class               | H              |       |
| Construction Type /Frame       | V5-V6-B6-B7-B8 | V1-V3 |
| Altitude / Ambient temperature | V1-V3          | 40 °C |

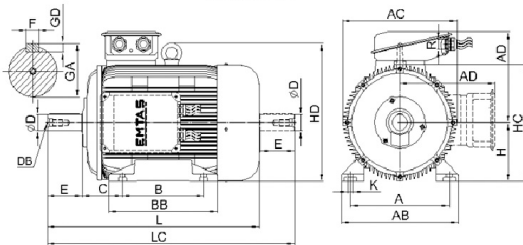


## PERFORMANCE DATA ( FULL LOAD )

| Output Rated (kW) | Speed (1/min) | Voltage (V) | Frequency (Hz) | Current (A) | Efficiency (%) | Power Factor (CosØ) | Rated Torque MN (Nm) | Starting Current IK/IN | Starting Torque MK/MN | Breakdown Torque MD/MN | Moment of Inertia Jmot kgm2 |
|-------------------|---------------|-------------|----------------|-------------|----------------|---------------------|----------------------|------------------------|-----------------------|------------------------|-----------------------------|
| 200               | 2980          | 400         | 50             | 329.2       | 94.3           | 0.93                | 640.9                | 7.5                    | 2.1                   | 2.4                    | 1.891                       |

## CHARACTERISTIC DATA

|                  |                  |                   |                   |                    |                       |             |             |
|------------------|------------------|-------------------|-------------------|--------------------|-----------------------|-------------|-------------|
| Frame            | Pik Cast. (GG20) | BEARINGS          | Drive End Bearing |                    | Non Drive End Bearing |             |             |
| Front-Back Cover | Pik Cast. (GG20) |                   | Standart          | 6316               |                       | 6316        |             |
| Foot             | Sfero Casting    |                   | Heavy Duty        | NU 316             |                       | 6316        |             |
| Fan              |                  | Special Equipment | Brake             | Forced ventilation | Heater                | Encoder     | Heat Sensor |
| Terminal Box     | Pik Casting      |                   | ---               | ---                | ---                   | ---         | ---         |
| Cable Gland      | Pik Casting      |                   | Colour            | RAL 6028-Yesil     |                       | Weight (kg) | 1160        |



## DIMENSIONS (B3-B5-V5-V6-B6-B7-B8)

| B3   |     |     |     |     |     |     |     |     |     | B5 |     |     |     |    |     |    | Common Dimensions |    |      |      |    |     |    |      |    |     |          |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|----|-----|----|-------------------|----|------|------|----|-----|----|------|----|-----|----------|
| H    | A   | B   | C   | AB  | AC  | AD  | BB  | HC  | HD  | K  | P   | N   | M   | S  | D.S | T. | LA                | LB | LC   | L    | ØD | E   | F  | GA   | GD | DB  | R        |
| 315L | 508 | 508 | 216 | 620 | 612 | 501 | 600 | 621 | 682 | 28 | 660 | 550 | 600 | 24 | 8   |    | 24                |    | 1391 | 1241 | 70 | 140 | 20 | 74.5 | 12 | M20 | 2 x Pg48 |