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## TECHNICAL SPECIFICATION SHEET

### THREE PHASES SQUIRREL CAGE ASYNCHRONOUS MOTORS

|                                |             |            |   |
|--------------------------------|-------------|------------|---|
| Type                           | NMSF 315L2  |            |   |
| Protection Class               | IP65        |            |   |
| Duty Type / Service Factor     | S2 - 240 dk | 1.0        |   |
| Insulation Class               | H           |            |   |
| Construction Type /Frame       | B3/ 315L2   |            |   |
| Altitude / Ambient temperature | 1000 m      | 40 C°      |   |
| Customer / Date / Order Number | -           | 11.03.2026 | - |



### PERFORMANCE DATA ( FULL LOAD )

| Rated Output (kW) | Rated Speed (1/min) | Voltage (V) | Frequency (Hz) | Current (A) | Efficiency (%) | Power Factor (Cos φ) | Rated Torque MN (Nm) | Starting Current IK/IN | Starting Torque MK/MN | Breakdown Torque MD/MN | Moment of Inertia Jmot (kgm²) |
|-------------------|---------------------|-------------|----------------|-------------|----------------|----------------------|----------------------|------------------------|-----------------------|------------------------|-------------------------------|
| 185               | 2975                | 400         | 50             | 309,5       | 94,8           | 0,91                 | 593,9                | 7,0                    | 1,9                   | 2,5                    | 1,773                         |

### CHARACTERISTIC DATA

|                         |                      |                   |                  |                    |                          |                   |                       |
|-------------------------|----------------------|-------------------|------------------|--------------------|--------------------------|-------------------|-----------------------|
| Frame                   | Cast Iron (GG20)     | Bearings          | Standart         |                    |                          | Drive End Bearing | Non Drive End Bearing |
| End Shield - DE and NDE | Cast Iron (GG20)     |                   | Heavy Duty       |                    |                          | 6316              | 6316                  |
| Foot                    | Ductile Iron (GGG40) |                   |                  |                    |                          | NU 316            | -                     |
| Fan                     | Aluminium            | Special Equipment | Brake            | Forced ventilation | Heater                   | Encoder           | Heat sensor           |
| Terminal box            | Cast Iron (GG20)     |                   | 1600 Nm brake    | ---                | <input type="checkbox"/> |                   | ---                   |
| Cable Gland             | Brass 2 x Pg48       | Colour            | RAL 6028 - Green |                    |                          | Weight (kg)       | 1370                  |



### DIMENSIONS (mm) ( B3-B5-V1-V5-V6-B6-B7-B8-B35 )

| B3    |       |       |       |       |       |       |       |       |       | B5   |       |       |       |      |           |     |      |     |        | Common Dimensions |      |       |      |      |      |     |          |  |  |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|------|-----------|-----|------|-----|--------|-------------------|------|-------|------|------|------|-----|----------|--|--|
| H     | A     | B     | C     | AB    | AC    | AD    | BB    | HC    | HD    | K    | P     | N     | M     | S    | Hole Pcs. | T   | LA   | LB  | LC     | L                 | ØD   | E     | F    | GA   | GD   | DB  | R        |  |  |
| 315,0 | 508,0 | 508,0 | 216,0 | 620,0 | 612,0 | 501,0 | 600,0 | 621,0 | 682,0 | 28,0 | 660,0 | 550,0 | 600,0 | 24,0 | 8,0       | 6,0 | 24,0 | --- | 1613,0 | 1463,0            | 70,0 | 140,0 | 20,0 | 74,5 | 12,0 | M20 | 2 x Pg48 |  |  |

Important Note : Values provided in this datasheet represent the preliminary design values. Please keep in mind that these values might vary for the final product, due to technical requirements.