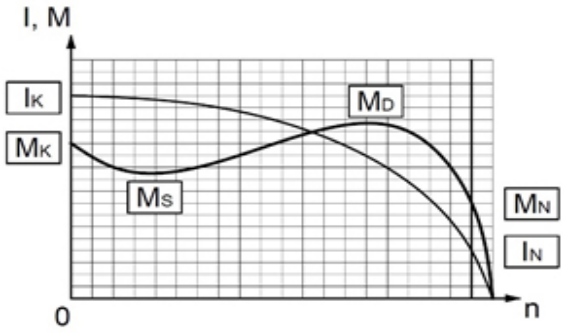
Elsan Elektrik San. ve Tic. A.Ş
Etiler Mah. 1458 Cad. No:40
06790 Etimesgut / Ankara / TÜRKİYE
Tlf: +90 312 244 09 94 F: +90 312 243 14 38
Mail: info@emtas.com.tr / Web Sayfası: www.emtas.com.tr

# TECHNICAL SPECIFICATION SHEET

| THREE PHASES SQUIRREL CAGE ASYNCHRONOUS MOTOR | | |
|---|---|---|
| Type | NMST 100L 4 | |
| Protection Class | IP55 | |
| Duty Type / Service Factor | S2 240 dak | 1.0 |
| Insulation Class | F | |
| Construction Type | B3 - B5 | V1-V5-V1/V5 |
| Altitude / Ambient temperature | 1000 M | 40 °C |

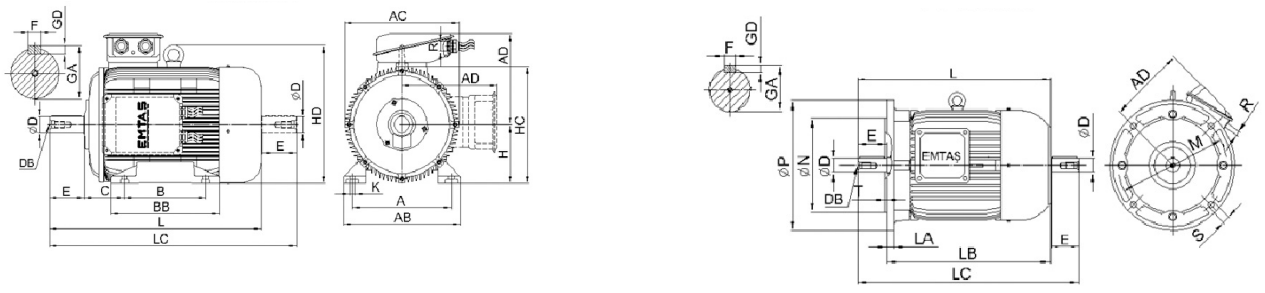



## PERFORMANCE DATA ( FULL LOAD )

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 2.2 | 1420 | 400 | 50 | 5.0 | 79.9 | 0.80 | 14.8 | 5.3 | 2.4 | 2.6 | 0.0043 |

## CHARACTERISTIC DATA

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Frame | Pik Cast. (GG20) | BEARINGS | | Drive End Bearing | | Non Drive End Bearing | |
| Front-Back Cover | Pik Cast. (GG20) | | Standart | 6206 ZZ | | 6206 ZZ | |
| Foot | Sfero Casting | | Heavy Duty | NU 206 | | 6206 ZZ | |
| Fan | Plastik | Special Equipment | Brake | Forced ventilation | Heater | Encoder | Heat Sensor |
| Terminal Box | Pik Casting | | --- | --- | --- | --- | --- |
| Cable Gland | Pik Casting | Colour | RAL 6028-Yesil | | Weight (kg) | 31 | |




## 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 |
| 100L | 160 | 140 | 63 | 200 | 194 | 138 | 175 | 197 | - | 12 | 250 | 180 | 215 | 15 | 4 | | 14 | | 453 | 386 | 28 | 60 | 8 | 31 | 7 | * | 2 x Pg13.5 |