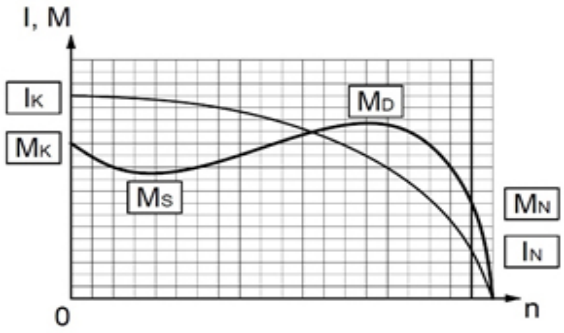
Elsan Elektrik San. ve Tic. A.Ş
Etiler Mah. 1458 Cad. No:40
06790 Etimesgut / Ankara / TÜRKİYE
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# TECHNICAL SPECIFICATION SHEET

| THREE PHASES SQUIRREL CAGE ASYNCHRONOUS MOTOR | | |
|---|---|---|
| Type | NMST 280S 2 | |
| Protection Class | IP55 | |
| Duty Type / Service Factor | S1 | 1.0 |
| Insulation Class | H | |
| Construction Type | B3 - B5 | V1-V5-V1/V5 |
| Altitude / Ambient temperature | 1000 M | 40 °C |

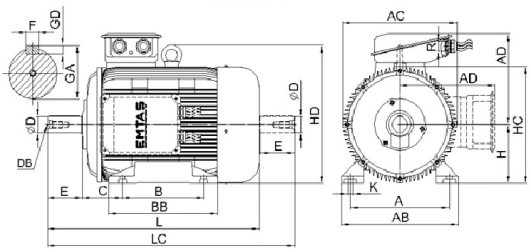


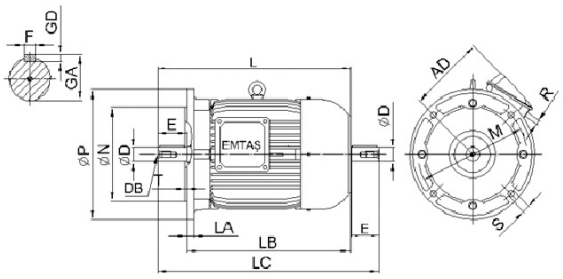

## PERFORMANCE DATA ( FULL LOAD )

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 90 | 2980 | 400 | 50 | 144.3 | 95.8 | 0.94 | 288.4 | 7.5 | 2.0 | 2.9 | 1.5702 |

## CHARACTERISTIC DATA

| | | | | | | |
|---|---|---|---|---|---|---|
| Frame | Pik Cast. (GG20) | BEARINGS | | Drive End Bearing | Non Drive End Bearing | |
| Front-Back Cover | Pik Cast. (GG20) | | Standart | 6315 | 6315 | |
| Foot | Sfero Casting | | Heavy Duty | NU 315 | 6315 | |
| Fan | | Special Equipment | Brake | Forced ventilation | Heater | Encoder / Heat Sensor |
| Terminal Box | Pik Casting | | --- | --- | --- | --- / --- |
| Cable Gland | Pik Casting | Colour | RAL 6028-Yesil | Weight (kg) | 690 | |




## 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 |
| 280S | 457 | 368 | 190 | 541 | 541 | 413 | 499 | 560 | 626 | 24 | 550 | 450 | 500 | 19 | 8 | | 18 | | 1038.5 | 393.5 | 65 | 140 | 18 | 69 | 11 | M20 | 2 x Pg36 |