



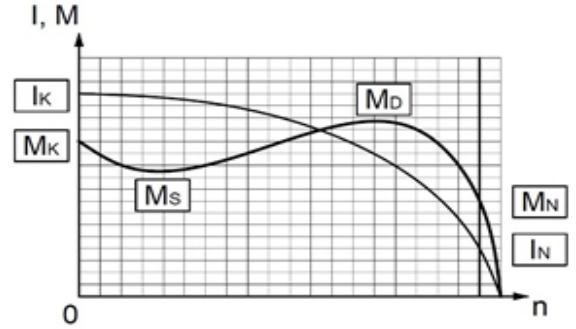
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TECHNICAL SPECIFICATION SHEET

THREE PHASES SQUIREL CAGE ASYNCHRONOUS MOTOR

| | | |
|--------------------------------|----------------|-------|
| Type | NMST 90S 6 | |
| Protection Class | IP55 | |
| Duty Type / Service Factor | S2 240 dak | 1.0 |
| Insulation Class | F | |
| 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 |
|-------------------|---------------|-------------|----------------|-------------|----------------|---------------------|----------------------|------------------------|-----------------------|------------------------|-----------------------------|
| 0.75 | 907 | 400 | 50 | 2.1 | 70.0 | 0.72 | 7.9 | 3.4 | 2.0 | 2.0 | 0.0035 |

CHARACTERISTIC DATA

| | | | | | | | |
|------------------|------------------|-------------------|-------------------|--------------------|-----------------------|-------------|-------------|
| Frame | Pik Cast. (GG20) | BEARINGS | Drive End Bearing | | Non Drive End Bearing | | |
| Front-Back Cover | Pik Cast. (GG20) | | Standart | 6205 ZZ | | 6205 ZZ | |
| Foot | Sfero Casting | | Heavy Duty | NU 205 | | 6205 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) | 20 |



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 |
| 90S | 140 | 100 | 56 | 185 | 176 | 127 | 130 | 178 | - | 10 | 200 | 130 | 165 | 12 | 4 | | 11 | | 360 | 299 | 24 | 50 | 8 | 27 | 7 | * | 2 x Pg13.5 |