



GENERAL INFORMATION

| | | | |
|--------------------|-------------|------------------------|--------|
| Type | D1EA71M6AB3 | Efficiency Class | IE1 |
| Pout [kW] | 0,18 | Vibration Class | A |
| Speed [rpm] | 910 | Weight [kg] | |
| Frame | 71M | Degree of Protection | IP55 |
| Current [A] | 1,38 | Cooling Method | IC 411 |
| cos φ | 0,72 | Insulation Class | F |
| Rotation | CW-CCW | Temperature Class | B |
| Duty | S1 | Construction | IM B3 |
| Ambient Temp. [°C] | -20...+40 | Altitude above sea [m] | 1000 |

| | | | | | | |
|---|-----|-------|-------|---------|--------|---------|
|   | | 3~MOT | Type | DM 71-6 | | |
| | | S1 | IM B3 | IP 55 | I.CL.F | IE1 |
| | V | Hz | A | kW | cos φ | 1 / min |
| Δ | 220 | 50 | 1,38 | 0,18 | 0,72 | 910 |
| Y | 380 | 50 | 0,8 | 0,18 | 0,72 | 910 |
| Y | 460 | 60 | 0,8 | 0,21 | 0,68 | 1092 |

ELECTRICAL DATA (RAW MEASUREMENT DATA)

| | | | | | | | | |
|----------------------|---------|--------|------------------|---------|--------|-------|------------|----|
| V1 | %Load | T [Nm] | I [A] | rpm | P2 [W] | cos φ | Efficiency | Hz |
| 220 | 100 | 1,89 | 1,38 | 910 | 180 | 0,72 | 45,5 | 50 |
| | 100 | | | | | | | |
| Locked Rotor Current | Ia [A] | 1,7 | Breakdown Torque | Mk [Nm] | 3,2 | | | |
| | Ia / In | 1,23 | | Mk / Mn | 1,69 | | | |
| Locked Rotor Torque | Ma [Nm] | 2,6 | No Load Current | [A] | 0,72 | | | |
| | Ma / Mn | 1,38 | No Load Power | [W] | 125,7 | | | |

MECHANICAL DATA

| | | | |
|---------------|----------------|--------------------------------|-----------|
| DE Bearing | 6202-ZZ | Sound Pressure - 50 Hz - dB[B] | 77 |
| NDE Bearing | 6202-ZZ | Sound Pressure - 60 Hz - dB[B] | 78 |
| Fixed Bearing | NO | Housing Material | Aluminium |
| Lubrication | - | DE Shield Material | Aluminium |
| Grease Amount | - | Terminal Box Material | Polyamide |
| Grease Type | - | Cable Entry | PG 11 |
| Feather Key | 5*5*22 | Cable Gland Position | 4 |
| Balance | G 1,6 Half Key | | |

MECHANICAL DIMENSIONS

| | | | | | | | | | | | | | | | |
|-----|------|------|-------|-----|----|----|-------|-----|----|----|----|----|----|----|----|
| A | AA | AB | AC | AD | B | B' | BA | BB | C | D | d | E | EB | F | GA |
| 112 | 30,1 | 23,5 | 139,6 | - | 90 | - | 23,5 | 108 | 45 | 14 | M5 | 30 | 22 | 5 | 16 |
| GD | H | HA | HC | HD | K | K1 | L | LA | LB | M | N | P | S | S1 | T |
| 5 | 71 | 9,5 | 129,5 | 177 | 11 | 7 | 247,5 | - | - | - | - | - | - | - | - |

