



GENERAL INFORMATION

| | | | |
|--------------------|--------------|------------------------|--------|
| Type | DSSA80M6AB34 | Efficiency Class | - |
| Pout [kW] | 0,25 | Vibration Class | A |
| Speed [rpm] | 950 | Weight [kg] | |
| Frame | 80M | Degree of Protection | IP55 |
| Current [A] | 2,1 | Cooling Method | IC 411 |
| cos φ | 0,91 | Insulation Class | F |
| Rotation | CW-CCW | Temperature Class | B |
| Duty | S1 | Construction | IM B34 |
| Ambient Temp. [°C] | -20...+40 | Altitude above sea [m] | 1000 |
| Run [μf] | 20 | Start [μf] | 64-77 |

| | | | | | |
|---|--------|---------|---------|-------|---------|
|   | | | | | |
| 1~MOT | Type | DM 80-6 | | | |
| S1 | IM B34 | IP 55 | I.C.L.F | | |
| V | Hz | A | kW | cos φ | 1 / min |
| 220 | 50 | 2,1 | 0,25 | 0,91 | 950 |
| CAPACITOR 20 μF 450 V / 64-77 μF 250 V | | | | | |

ELECTRICAL DATA (RAW MEASUREMENT DATA)

| V1 | %Load | T [Nm] | I [A] | rpm | P2 [W] | cos φ | Efficiency | Hz |
|----------------------|---------|--------|------------------|---------|--------|-------|------------|----|
| 220 | 100 | 2,51 | 2,1 | 950 | 250 | 0,91 | 60 | 50 |
| Locked Rotor Current | Ia [A] | 11 | Breakdown Torque | Mk [Nm] | 5,7 | | | |
| | Ia / In | 5,24 | | Mk / Mn | 2,27 | | | |
| Locked Rotor Torque | Ma [Nm] | 6,3 | No Load Current | [A] | 1,5 | | | |
| | Ma / Mn | 2,51 | No Load Power | [W] | 202 | | | |

MECHANICAL DATA

| | | | | |
|---------------|----------------|--------------------------------|-----------|----------------------|
| DE Bearing | 6204-ZZ | Sound Pressure - 50 Hz - dB[B] | 77 | Cable Gland Position |
| 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 | 6*6*32 | 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 |
|-----|------|------|-------|-------|-----|----|-------|------|-----|----|----|----|----|----|------|
| 125 | 34,7 | 30,8 | 158,2 | 150 | 100 | - | 30,8 | 125 | 50 | 19 | M6 | 40 | 32 | 6 | 21,5 |
| GD | H | HA | HC | HD | K | K1 | L | LA | LB | M | N | P | S | S1 | T |
| 6 | 80 | 11 | 146,1 | 192,6 | 15 | 10 | 281,5 | 34,5 | 247 | - | - | - | - | - | - |

