

GENERAL INFORMATION

| | | | |
|--------------------|---------------|------------------------|--------|
| Type | D3EG132S6AB35 | Efficiency Class | IE3 |
| Pout [kW] | 3 | Vibration Class | A |
| Speed [rpm] | 965 | Weight [kg] | |
| Frame | 132S | Degree of Protection | IP55 |
| Current [A] | 6,6 | Cooling Method | IC 411 |
| cos φ | 0,77 | Insulation Class | F |
| Rotation | CW-CCW | Temperature Class | B |
| Duty | S1 | Construction | IM B35 |
| Ambient Temp. [°C] | -20...+40 | Altitude above sea [m] | 1000 |

| | | | | | | | | |
|-------|--------|------|-------|-----------|---------|------|------------|--|
| 3~MOT | | Type | | DM 132S-6 | | | η% | |
| | | | | | | | | |
| S1 | IM B35 | | IP 55 | I.C.L.F. | | | IE3 - 85,6 | |
| V | Hz | A | kW | cos φ | 1 / min | LOAD | EFF. | |
| Δ 400 | 50 | 6,6 | 3 | 0,77 | 965 | %75 | 86,6 | |
| Y 690 | 50 | 3,8 | 3 | 0,77 | 965 | | | |
| Δ 460 | 60 | 5,8 | 3 | 0,76 | 1160 | %50 | 85,2 | |
| Δ 480 | 60 | 6,6 | 3,6 | 0,76 | 1167 | | | |

ELECTRICAL DATA (RAW MEASUREMENT DATA)

| V1 | %Load | T [Nm] | I [A] | rpm | P2 [W] | cos φ | Efficiency | Hz |
|-----|-------|--------|-------|-----|--------|-------|------------|----|
| 400 | 100 | 29,69 | 6,6 | 965 | 3000 | 0,77 | 85,6 | 50 |
| 400 | 75 | 21,97 | 5,5 | 978 | 2250 | 0,68 | 86,6 | 50 |
| 400 | 50 | 14,5 | 4,6 | 988 | 1500 | 0,55 | 85,2 | 50 |

| | | | | | |
|----------------------|---------|------|------------------|---------|------|
| Locked Rotor Current | Ia [A] | 43,4 | Breakdown Torque | Mk [Nm] | 92 |
| | Ia / In | 6,58 | | Mk / Mn | 3,10 |
| Locked Rotor Torque | Ma [Nm] | 73,7 | No Load Current | [A] | 3,9 |
| | Ma / Mn | 2,48 | No Load Power | [W] | 258 |

MECHANICAL DATA

| | | | |
|---------------|----------------|--------------------------------|-----------|
| DE Bearing | 6208-ZZ | Sound Pressure - 50 Hz - dB[B] | 80 |
| NDE Bearing | 6208-ZZ | Sound Pressure - 60 Hz - dB[B] | 83 |
| Fixed Bearing | NO | Housing Material | Cast Iron |
| Lubrication | - | DE Shield Material | Cast Iron |
| Grease Amount | - | Terminal Box Material | Polyamide |
| Grease Type | - | Cable Entry | PG 21 |
| Feather Key | 10*8*70 | 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 |
|-----|------|------|-------|-------|-----|----|------|-------|-------|-----|-----|-----|------|----|----|
| 216 | 58,5 | 37,1 | 258,5 | - | 140 | - | 37,1 | 180,2 | 89 | 38 | M12 | 80 | 70 | 10 | 41 |
| GD | H | HA | HC | HD | K | K1 | L | LA | LB | M | N | P | S | S1 | T |
| 8 | 132 | 17,5 | 263,5 | 317,5 | 12 | 12 | 452 | 17,5 | 434,5 | 265 | 230 | 300 | 14,5 | 4 | 4 |

