

### GENERAL INFORMATION

|                    |               |                        |        |
|--------------------|---------------|------------------------|--------|
| Type               | V2EG132S2BB35 | Efficiency Class       | IE2    |
| Pout [kW]          | 7,5           | Vibration Class        | A      |
| Speed [rpm]        | 2930          | Weight [kg]            |        |
| Frame              | 132S          | Degree of Protection   | IP55   |
| Current [A]        | 13,3          | Cooling Method         | IC 411 |
| cos φ              | 0,9           | Insulation Class       | F      |
| Rotation           | CW-CCW        | Temperature Class      | B      |
| Duty               | S1            | Construction           | IM B35 |
| Ambient Temp. [°C] | -20...+40     | Altitude above sea [m] | 1000   |

|                                  |        |           |         |       |         |      |            |
|----------------------------------|--------|-----------|---------|-------|---------|------|------------|
| USE WITH VARIABLE SPEED DRIVE    |        | CE        |         | TS    |         | QR   |            |
| ONLY ACC. EU REGULATION 640/2009 |        |           |         |       |         |      |            |
| 3~MOT                            | Type   | VM 132S-2 |         |       |         |      |            |
| S1                               | IM B35 | IP 55     | I.C.L.F |       | η%      |      | IE2 - 88,1 |
| V                                | Hz     | A         | kW      | cos φ | 1 / min | LOAD | EFF.       |
| Δ 400                            | 50     | 13,3      | 7,5     | 0,9   | 2930    | %75  | 88,1       |
| Δ 480                            | 60     | 13,3      | 9       | 0,89  | 3530    | %50  | 85,2       |

### ELECTRICAL DATA ( RAW MEASUREMENT DATA )

| V1  | %Load | T [Nm] | I [A] | rpm  | P2 [W] | cos φ | Efficiency | Hz |
|-----|-------|--------|-------|------|--------|-------|------------|----|
| 400 | 100   | 24,45  | 13,3  | 2930 | 7500   | 0,9   | 88,1       | 50 |
| 400 | 75    | 18,23  | 10,6  | 2946 | 5625   | 0,87  | 88,1       | 50 |
| 400 | 50    | 12,07  | 7,9   | 2968 | 3750   | 0,8   | 85,2       | 50 |

  

|                      |         |      |                  |         |      |
|----------------------|---------|------|------------------|---------|------|
| Locked Rotor Current | Ia [A]  | 110  | Breakdown Torque | Mk [Nm] | 92   |
|                      | Ia / In | 8,27 |                  | Mk / Mn | 3,76 |
| Locked Rotor Torque  | Ma [Nm] | 80   | No Load Current  | [A]     | 4,4  |
|                      | Ma / Mn | 3,27 | No Load Power    | [W]     | 375  |

### MECHANICAL DATA

|               |                |                                |           |
|---------------|----------------|--------------------------------|-----------|
| DE Bearing    | 6208-ZZ        | Sound Pressure - 50 Hz - dB[B] | 90        |
| NDE Bearing   | 6208-ZZ        | Sound Pressure - 60 Hz - dB[B] | 93        |
| 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  |

