

# SWE225M-6 30KW 500V B35

## Three-phase asynchronous motor in cast iron

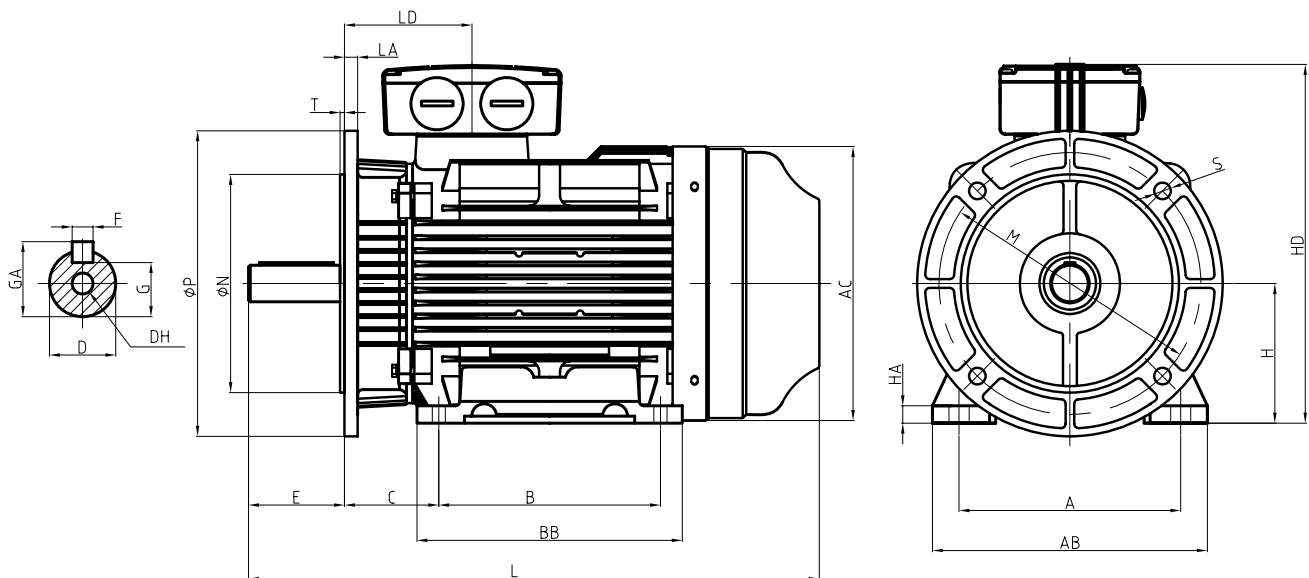
Motor type SWE225M-6 30KW 500V B35  
 Brand BUSCK  
 Item number 93C62254

| Voltage V | Power kW | Frequency Hz | Current A | Speed rpm |
|-----------|----------|--------------|-----------|-----------|
| 500       | 30       | 50           | 43,6      | 980       |
| 575       | 34,5     | 60           | 43,6      | 1176      |

|                        |              |                          |                      |
|------------------------|--------------|--------------------------|----------------------|
| Duty                   | S1           | Efficiency class         | IE3                  |
| Enclosure              | IP55         | Efficiency, load 100%    | 93,4                 |
| Insulation class       | F            | Efficiency, load 75%     | 93,2                 |
| Cooling                | IC411 (TEFC) | Efficiency, load 50%     | 92,1                 |
| Max. ambient temp.     | 40°C         | Power fact, load 100%    | 0,85                 |
| Min. ambient temp.     | -20°C        |                          |                      |
| Max. temp. rise        | 80 K         | Painting                 | Standard             |
| Max altitude, masl     | 1000         | Color                    | RAL 9005             |
|                        |              | Weight kg                | 305                  |
| Torque, Nm             | 292          | Sound pressure Lp dB(A)  | 59                   |
| Starting torque ratio  | 2,1          | Bearing DE               | 6313                 |
| Pull out torque ratio  | 2,1          | Bearing NDE              | 6312                 |
| Starting current ratio | 7,2          | Balance grade            | Normal               |
| Winding protection     | Thermistors  | Inertia kgm <sup>2</sup> | 0,726                |
|                        |              | Cable entries            | 2xM50 + 1xM16 (FL21) |

Note

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| A   | B   | B1 | C   | H   | D  | E   | F  | GA | DH  | M   | N   | P   | AB  | AC  | HA | HD  | BB  | LD  | L   |
|-----|-----|----|-----|-----|----|-----|----|----|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|
| 356 | 311 |    | 149 | 225 | 60 | 140 | 18 | 64 | M20 | 400 | 350 | 450 | 430 | 450 | 28 | 555 | 390 | 189 | 850 |