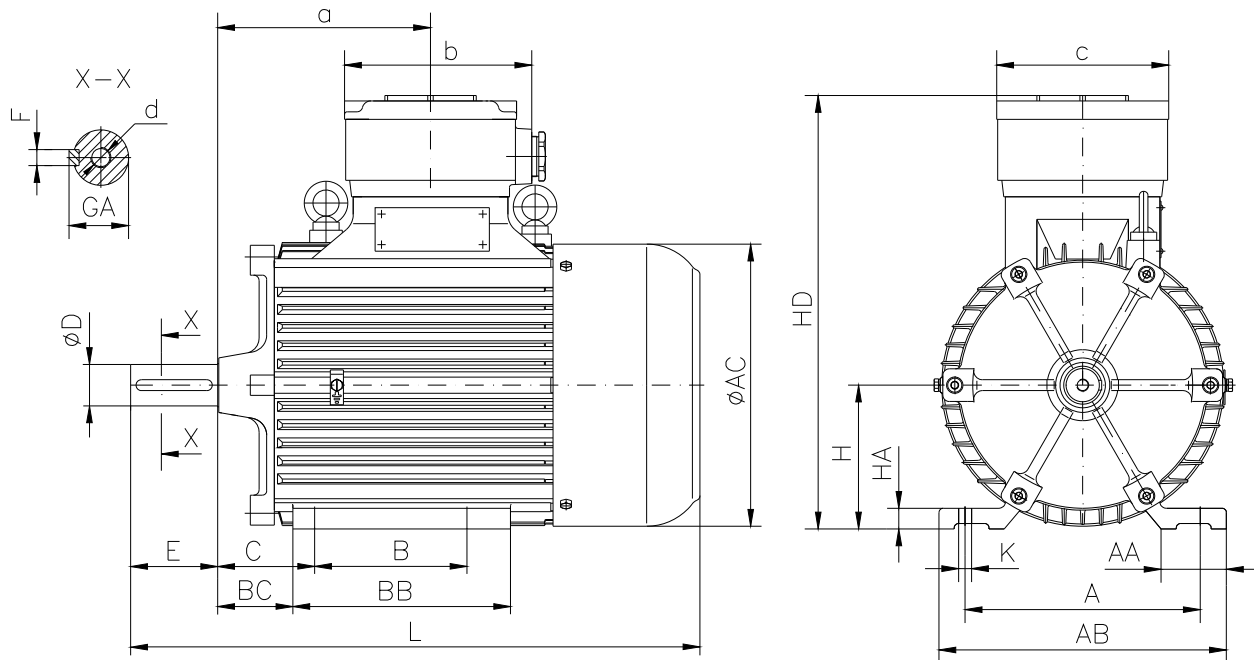


**DATA SHEET**

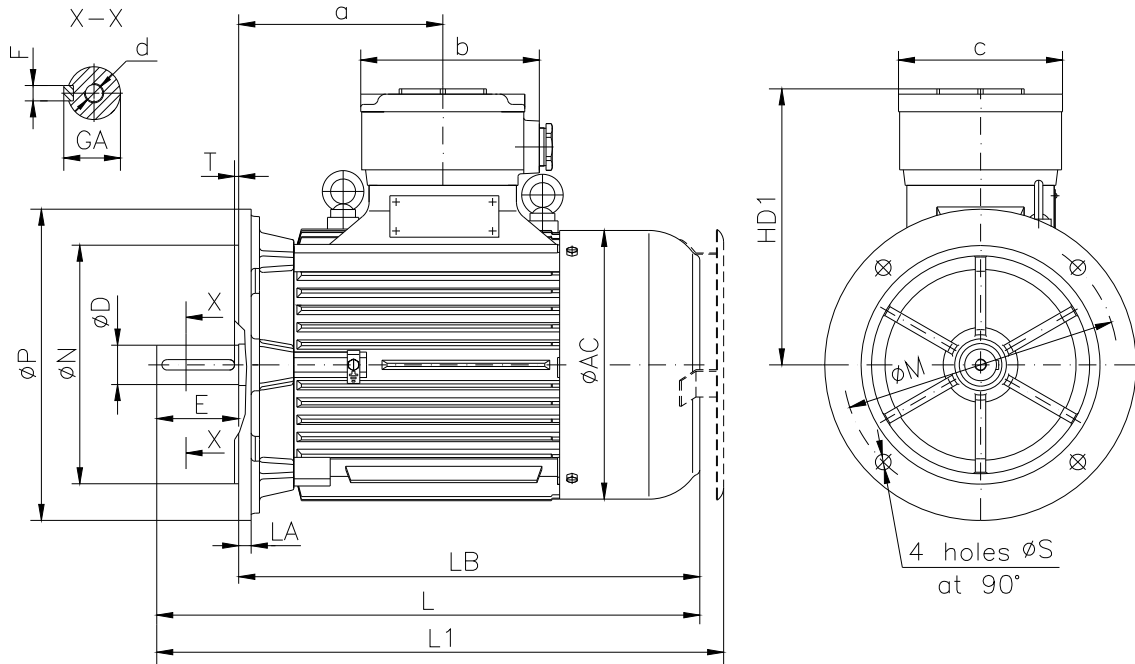
|                                    |   |
|------------------------------------|---|
| ○ Type.....                        | ASA 132S-6  |
| ○ Reference standard.....          | IEC 60034-1<br>EN 60079-0<br>EN 60079-1<br>EN 60079-7 |
| ○ Rated output.....                | 3 kW  |
| ○ Rated stator voltage.....        | 400V  |
| ○ Stator current at 100% load..... | 6.94 [A]  |
| ○ Number of poles.....             | 6   |
| ○ Rated speed.....                 | 962 rev/min   |
| ○ Rated frequency.....             | 50 Hz   |
| ○ Efficiency at 100% load.....     | 81%   |
| ○ Power factor at 100% load.....   | 0.77  |
| ○ Break-down torque.....           | 2.9 x Mn  |
| ○ Locked rotor torque.....         | 2.7 x Mn  |
| ○ Locked rotor current.....        | 5.3 x In  |
| ○ Rotor inertia.....               | 0.036096 kgm <sup>2</sup>                             |
| ○ Insulation class.....            | F   |
| ○ Direction of rotation.....       | Both(CW&CCW)  |
| ○ Protection degree.....           | ≥IP55   |
| ○ Mounting.....                    | IM  |
| ○ Cooling method.....              | IC 411  |
| ○ Max. ambient temperature .....   | + 40°C  |
| ○ Altitude.....                    | 1000m   |
| ○ Bearing type.....                | 6308 2Z drive end<br>6308 2Z non drive end            |
| ○ Weight.....                      | 85 Kg   |
| ○ Outline drawing.....             | Page 2  |
| ○ Vibration level : .....          | A (acc.IEC 60034-14 )                                 |
| ○ Noise level .....                | acc.IEC 60034-9                                       |
| ○ Cable entries.....               | 2xM32x1.5   |
| ○ Climate execution .....          | N   |

**The overall and mounting dimensions  
IM 1001**



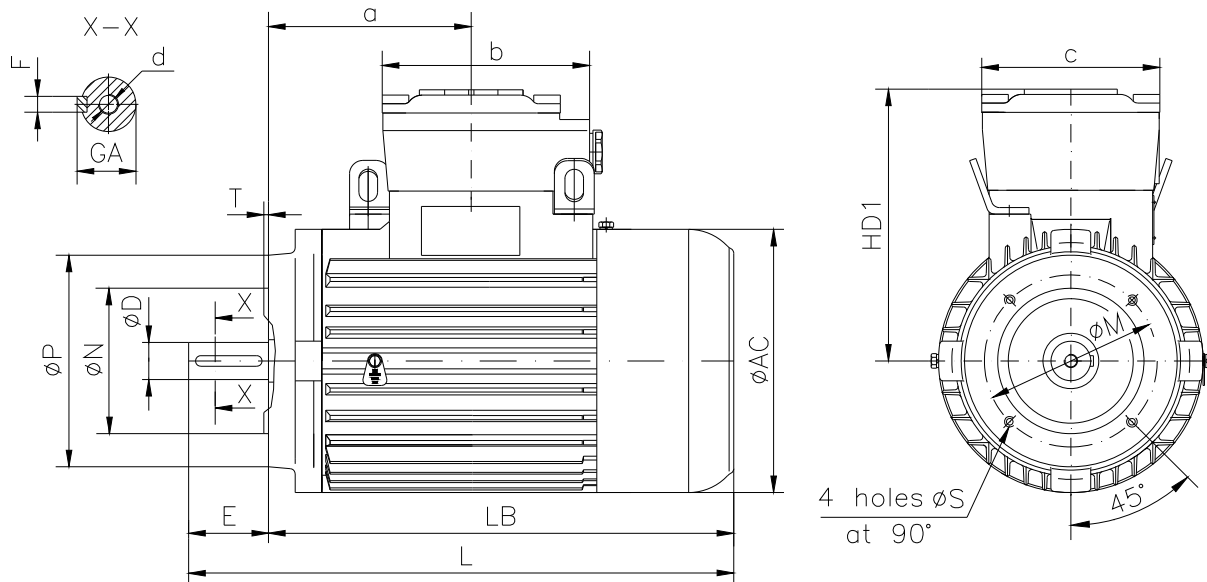
| Frame size | Dimensions (mm) |     |    |           |    |    |     |     |    |    |                 |    |      |    |     |     |     |     |     |     |     |
|------------|-----------------|-----|----|-----------|----|----|-----|-----|----|----|-----------------|----|------|----|-----|-----|-----|-----|-----|-----|-----|
|            | Foot mounting   |     |    |           |    |    |     |     |    |    | Shaft extension |    |      |    |     |     | HD  | AC  | L   | a   | b   |
| 132 S-6    | A               | B   | C  | $H_{0.5}$ | K  | AA | AB  | BB  | BC | HA | D               | E  | F    | GA | d   |     |     |     |     |     |     |
|            | 216             | 140 | 89 | 132       | 12 | 60 | 264 | 200 | 69 | 19 | 38k6            | 80 | 10h9 | 41 | M12 | 400 | 263 | 523 | 200 | 175 | 160 |

**The overall and mounting dimensions  
IM 3001; IM 3011**



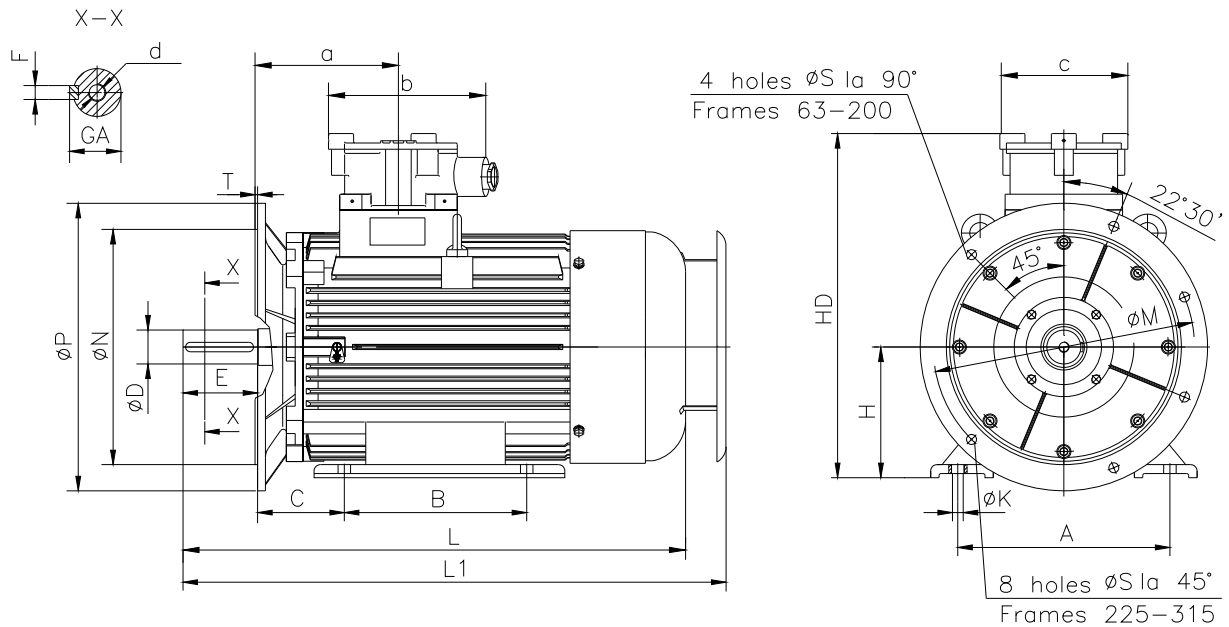
| Frame size | Dimensions (mm)      |     |     |      |   |                 |    |      |    |     |     |     |    |     |     |     |     |     |     |
|------------|----------------------|-----|-----|------|---|-----------------|----|------|----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|
|            | Flange mounting (B5) |     |     |      |   | Shaft extension |    |      |    |     | HD1 | AC  | LA | LB  | L   | L1  | a   | b   | c   |
| N          | M                    | P   | S   | T    | D | E               | F  | GA   | d  |     |     |     |    |     |     |     |     |     |     |
| 132<br>S-6 | 230j6                | 265 | 300 | 14.5 | 4 | 38k6            | 80 | 10h9 | 41 | M12 | 268 | 263 | 12 | 443 | 523 | 544 | 200 | 175 | 160 |

**The overall and mounting dimensions  
IM 3601**



| Frame size | Flange | Dimensions (mm)       |     |     |     |     |                 |    |     |     |     |     |     |     |     |
|------------|--------|-----------------------|-----|-----|-----|-----|-----------------|----|-----|-----|-----|-----|-----|-----|-----|
|            |        | Flange mounting (B14) |     |     |     |     | Shaft extension |    | HD1 | AC  | LB  | L   | a   | b   | c   |
|            |        | N                     | M   | P   | S   | T   | D               | E  |     |     |     |     |     |     |     |
| 132<br>S-6 | F165   | 130j6                 | 165 | 200 | M10 | 3.5 | 38k6            | 80 | 268 | 263 | 443 | 523 | 200 | 175 | 160 |
|            | F215   | 180j6                 | 215 | 250 | M12 | 4   |                 |    |     |     |     |     |     |     |     |

**The overall and mounting dimensions  
IM 2001**



| Frame size | Dimensions (mm) |     |    |                  |    |                 |     |     |      |   |                 |    |      |    |     |     |     |     |     |     |     |
|------------|-----------------|-----|----|------------------|----|-----------------|-----|-----|------|---|-----------------|----|------|----|-----|-----|-----|-----|-----|-----|-----|
|            | Foot mounting   |     |    |                  |    | Flange mounting |     |     |      |   | Shaft extension |    |      |    |     | HD  | L   | L1  | a   | b   | c   |
| 132 S-6    | A               | B   | C  | H <sub>0.5</sub> | K  | N               | M   | P   | S    | T | D               | E  | F    | GA | d   |     |     |     |     |     |     |
|            | 216             | 140 | 89 | 132              | 12 | 230j6           | 265 | 300 | 14.5 | 4 | 38k6            | 80 | 10h9 | 41 | M12 | 400 | 523 | 544 | 200 | 175 | 160 |