

## MIKSAN 80 4A EX SERIES EX-PROOF



3-Phase 400V 50Hz

|                      |             |
|----------------------|-------------|
| Duty Type            | : S1        |
| Degree of protection | : IP65      |
| Insulation Class     | : F (155°C) |
| Mounting             | : B14       |

### ELECTRICAL DESIGN

|                  |        |
|------------------|--------|
| Rated power(W)   | : 550  |
| Speed(rpm)       | : 1410 |
| Rated current(A) | : 1,50 |
| Torque –Mn(Nm)   | : 3,80 |
| Cos $\phi$       | : 0,73 |
| Efficiency (%)   | : 77,1 |

### LOCKED ROTOR TORQUE

|                             |        |
|-----------------------------|--------|
| Locked rotor Current– Ia(A) | : 5,55 |
| Ia / In                     | : 3,7  |
| Locked rotor Torque- Ma(Nm) | : 7,60 |
| Ma / Mn                     | : 2,0  |

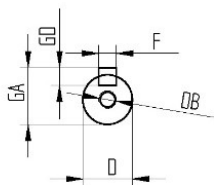
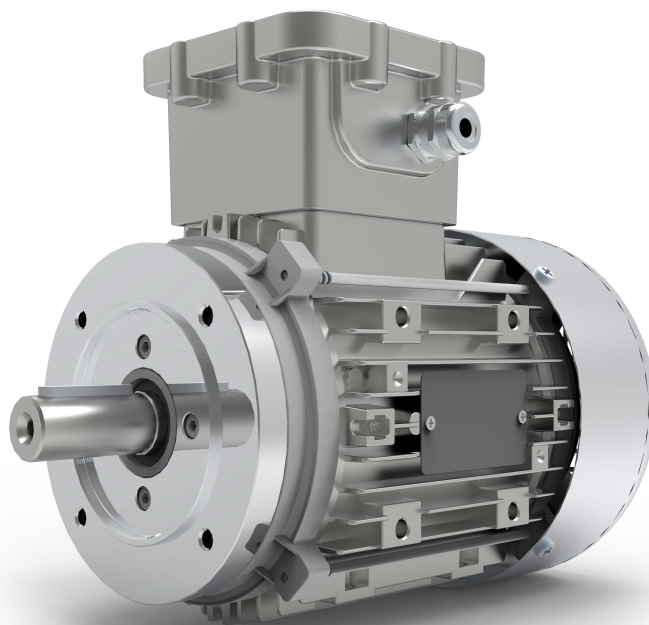
### MECHANICAL DESIGN

|              |              |
|--------------|--------------|
| Frame        | : Aluminum   |
| End Shields  | : Aluminum   |
| Terminal Box | : Aluminum   |
| Cable gland  | : M20x1,5 EX |

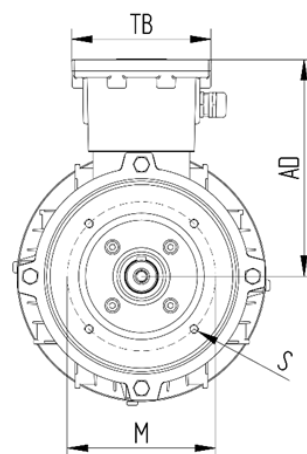
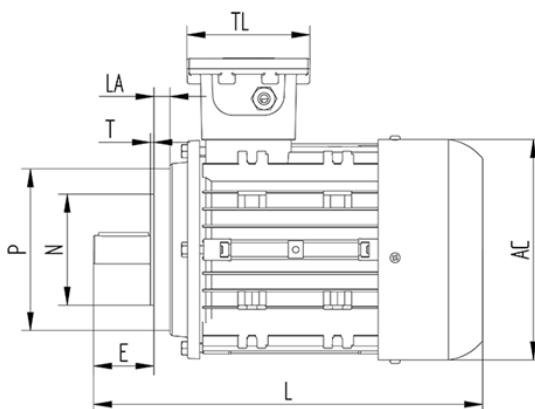
### BEARING ARRANGEMENT

|               |
|---------------|
| Drive End     |
| 6204 ZZ C3    |
| Non Drive End |
| 6204 ZZ C3    |

|        |          |
|--------|----------|
| Paint  | : None   |
| Weight | : 9,9 kg |



B3-B6-B7-B8-V5-V6



| L   | P   | N  | M   | T   | $\phi$ AC | LA   | S  | AD  | TB/TL | E  | $\phi$ D | $\phi$ DB | GA   | FxGD |
|-----|-----|----|-----|-----|-----------|------|----|-----|-------|----|----------|-----------|------|------|
| 273 | 122 | 80 | 100 | 3.0 | 157       | 13.8 | M6 | 156 | 122   | 40 | 19       | M6        | 21.5 | 6x6  |

IEP 16 ATEX 0433X

II 2G Ex db IIC T4 Gb

II 2D Ex tb IIIC T120°C Db,IP65