

## MIKSAN 90L 2B EX SERIES EX-PROOF



3-Phase 230Δ/400Y V 50Hz

|                      |             |
|----------------------|-------------|
| Duty Type            | : S1        |
| Degree of protection | : IP66      |
| Insulation Class     | : F (155°C) |
| Mounting             | : B14       |

### ELECTRICAL DESIGN

|                  |        |
|------------------|--------|
| Rated power(W)   | : 2200 |
| Speed(rpm)       | : 2875 |
| Rated current(A) | : 4,75 |
| Torque –Mn(Nm)   | : 7,30 |
| Cos $\phi$       | : 0,81 |
| Efficiency (%)   | : 83,2 |

### LOCKED ROTOR TORQUE

|                             |         |
|-----------------------------|---------|
| Locked rotor Current– Ia(A) | : 31,35 |
| Ia / In                     | : 6,6   |
| Locked rotor Torque- Ma(Nm) | : 19,71 |
| Ma / Mn                     | : 2,7   |

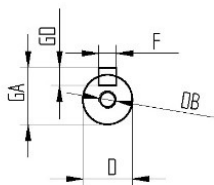
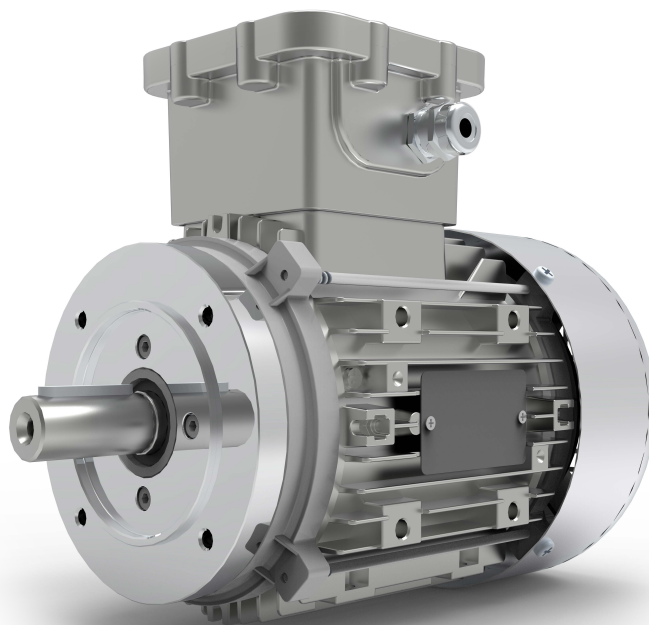
### MECHANICAL DESIGN

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

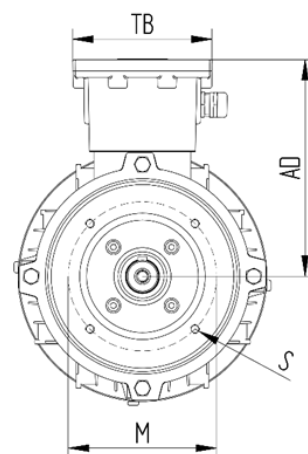
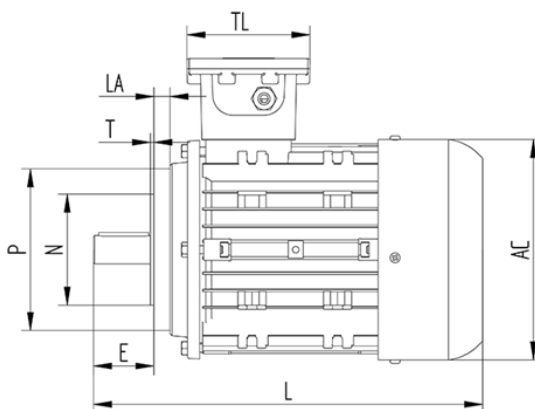
### BEARING ARRANGEMENT

|               |
|---------------|
| Drive End     |
| 6205 ZZ C3    |
| Non Drive End |
| 6205 ZZ C3    |

|        |           |
|--------|-----------|
| Paint  | : None    |
| Weight | : 15,3 kg |



B3-B6-B7-B8-V5-V6



| L   | P   | N  | M   | T   | øAC | LA   | S  | AD  | TB/TL | E  | øD | øDB | GA | FxGD |
|-----|-----|----|-----|-----|-----|------|----|-----|-------|----|----|-----|----|------|
| 333 | 138 | 95 | 115 | 3.0 | 175 | 13.8 | M8 | 164 | 122   | 50 | 24 | M8  | 27 | 8x8  |

IEP 16 ATEX 0433X

II 2G Ex db IIC T4 Gb

II 2D Ex tb IIIC T120°C Db,IP66