

# MOTRON STAINLESS STEEL MOTORS

Born For Value



Durability



Cleanability



Cost-Effective

Designed for medium-to-heavy washdown applications

[DE: Für mittlere bis starke Reinigungsanwendungen geeignet]



## Who Are We

Motron is a Chinese manufacturer specializing in premium stainless steel motors for the food and pharmaceutical industries.

We are committed to providing hygienic drive solutions that meet the strictest European standards.



## Customer Recognition

Our products have been recognized and adopted by multiple leading companies across Europe and the Americas.

[DE: Anerkannt von führenden Kunden in Europa und Amerika]



## Our Vision

To create cost-effective stainless steel motors that improve food safety, reduce energy consumption, and lower carbon emissions.

[DE: Kosteneffiziente Lösungen zur Reduzierung von Energieverbrauch und CO<sub>2</sub>-Ausstoß]



# Bias Against 'Made in China'?

## ► Quality Assurance

- ISO 9001 Certified by TÜV SÜD  
[DE: ISO 9001 Zertifiziert durch TÜV SÜD]
- CE and UKCA Certifications by TÜV Rheinland  
[DE: CE- und UKCA-Zertifizierungen]
- IP69 Ingress Protection by TÜV Rheinland  
[DE: IP69 Schutzart – Hochdruckreinigung]
- 2-Year Warranty  
[DE: 2 Jahre Garantie]
- Full manufacturing traceability & documentation  
[DE: Rückverfolgbarkeit der Produktion & technische Dokumentation]

## ► Cost Advantage

Thanks to China's complete supply chain ecosystem and lower labor costs, Motron provides competitive pricing without compromising on quality.

[DE: Kostenersparnis durch integrierte Lieferkette und niedrige Fertigungskosten in China]

## ► OEM Service & Fast Response

Customized production & design

[DE: Maßgeschneiderter OEM-Service & schnelle Ersatzteilverfügbarkeit]



# Product Advantages

— Value Meets Performance

## ▶ Quality Assurance

- 316L Stainless Steel Housing  
[DE: Edelstahlgehäuse 316L – Lebensmittelqualität]
- Premium Bearings & Seals  
[DE: Hochwertige Lager und Dichtungen]
- with 2-year warranty  
[DE: 2 Jahre Garantie]

## ▶ Cleanability

- Fully enclosed  
[DE: Vollständig geschlossenes Design]
- IP69 protection – withstands 360° high-temp, high-pressure cleaning  
[DE: Beständig gegen Hochdruck- und Heißwasserreinigung (IP69)]
- CIP/SIP compatible – cleanable without disassembly  
[DE: Reinigbar ohne Demontage – CIP-/SIP-kompatibel]
- Smooth and rounded surface – prevents dirt accumulation  
[DE: Glatte, abgerundete Oberfläche – leicht zu reinigen]

## ▶ Traceability

- Laser-engraved nameplate  
[DE: Lasergraviertes Typenschild – dauerhaft lesbar]

## ▶ Flexibility

- Various mounting options: IM B3, B5, B14, B35
- High torque-to-weight ratio for compact spaces
- Asynchronous IE3/IE4 and Permanent Magnet IE5 options  
[DE: Energieeffizienzklasse IE3 / IE4 / IE5 verfügbar]

**Motron motors are specially developed for hygiene-sensitive industries.**

We engineered shapes for the terminal box and bearing cover to minimize contamination.

Custom-built for each client, our motors reduce cleaning time, maintenance effort, and improve production line sustainability.



**IP69**  
For water

# Tailored For You

— OEM Services

motron

## ► Tailored For You — OEM Services

- We customize housing, shaft, flanges, connectors, nameplates and labels.
- From design to volume production — we deliver fast and flexibly.
- Low-volume orders and short lead times supported.

[DE: Kundenspezifische Anpassungen, kurze Lieferzeiten, niedrige Mindestmengen]

## TAILORED TO YOUR MACHINE

— OEM Supportat Every Step



DESIGN



MANUFACTURING



APPLICATION

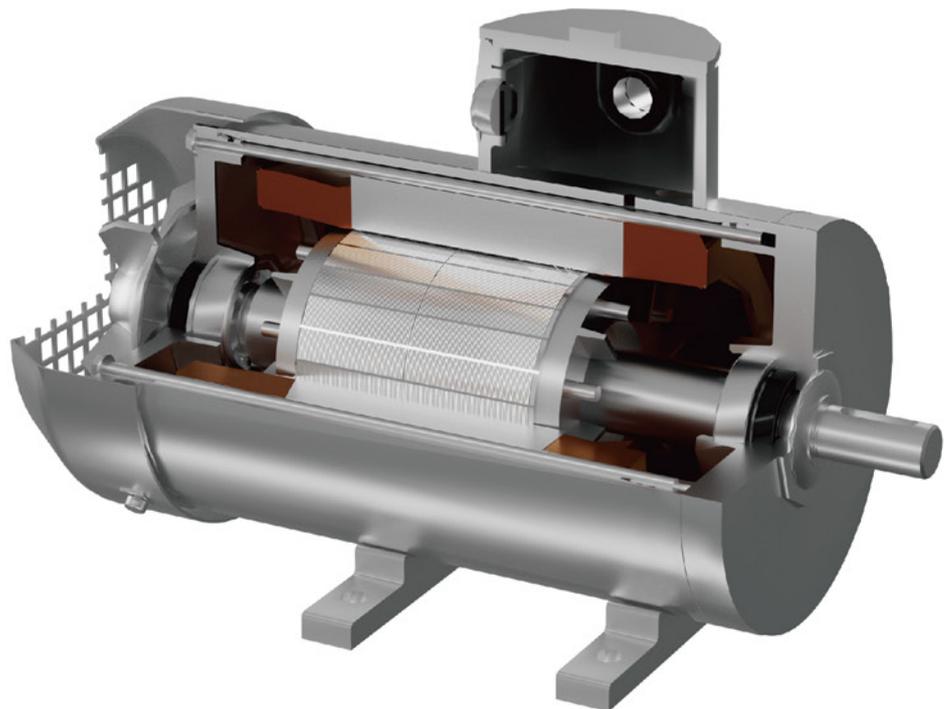
# Food Safe IEC stainless steel, three phase, totally enclosed, encapsulated

*50/60Hz, 400/460V*

*0.18 kW-7.5 kW (0.25-10 Hp)*

**IP69**

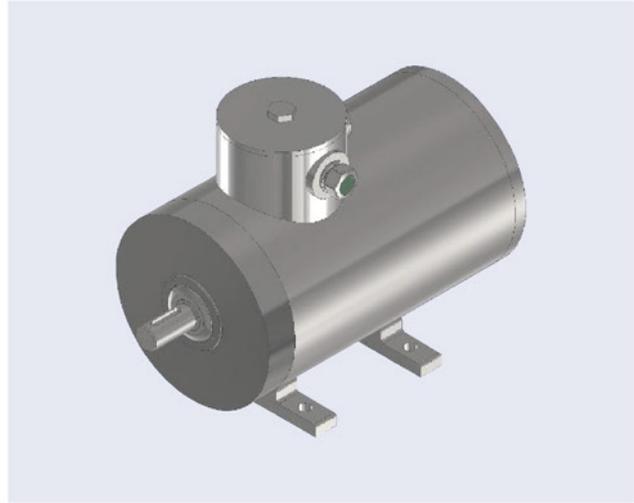
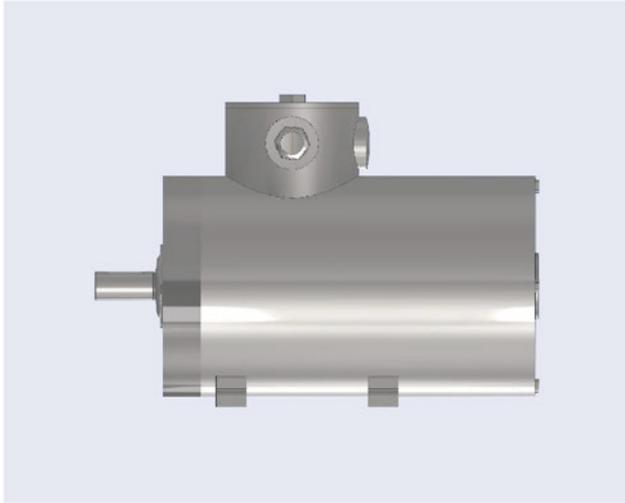
For water



## ► Features:

- Stainless steel AISI 316L
- Epoxy encapsulated windings
- IE3 and IE4 efficiency per IEC 60034-30-1 (2014) (0.75kW and above)
- Laser engraved nameplate
- IP69 for water

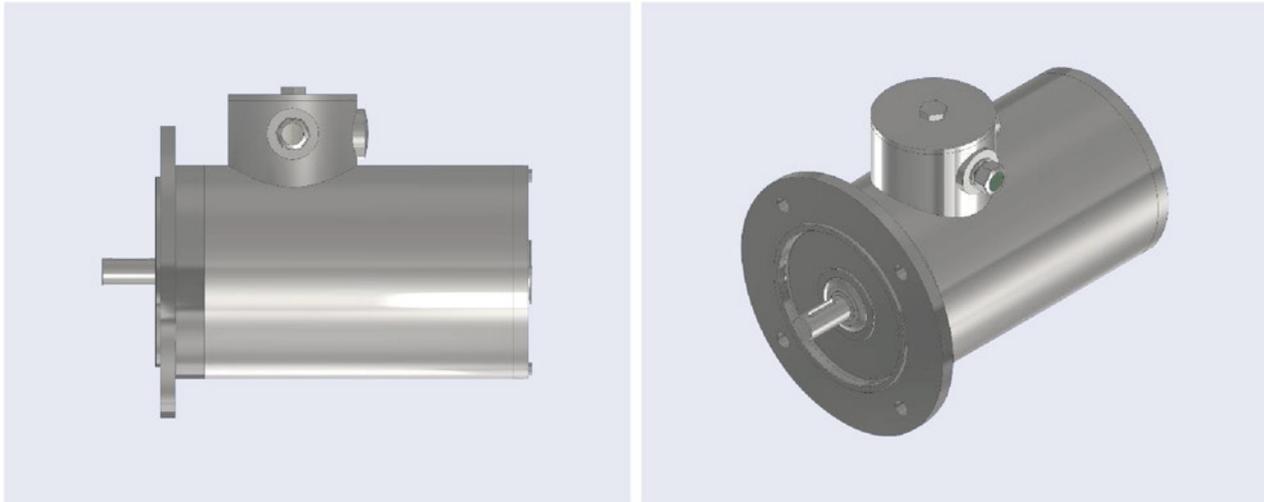
## IM B3, foot mounted, with terminal box, TENV



| Power                                               |      | RPM       | IEC Frame | Enclosure  | Model  |        | Aprx. Weight (kg) | Notes |
|-----------------------------------------------------|------|-----------|-----------|------------|--------|--------|-------------------|-------|
| kW                                                  | Hp   |           |           |            | Series | Type   |                   |       |
| <b>IM B3, foot mounted, with terminal box, TENV</b> |      |           |           |            |        |        |                   |       |
| 0.18                                                | 0.24 | 1000/1200 | 71        | IC410/TENV | MSE3   | 71MA 6 | 13                |       |
| 0.25                                                | 0.33 | 1500/1800 | 71        | IC410/TENV | MSE3   | 71MB 4 | 12                |       |
|                                                     |      | 1000/1200 | 71        | IC410/TENV | MSE3   | 71MB 6 | 14                |       |
| 0.37                                                | 0.5  | 3000/3600 | 71        | IC410/TENV | MSE3   | 71MA 2 | 12                |       |
|                                                     |      | 1500/1800 | 71        | IC410/TENV | MSE3   | 71MC 4 | 13                |       |
|                                                     |      | 1000/1200 | 80        | IC410/TENV | MSE3   | 80MA 6 | 19                |       |
| 0.55                                                | 0.73 | 3000/3600 | 71        | IC410/TENV | MSE3   | 71MB 2 | 15                |       |
|                                                     |      | 1500/1800 | 80        | IC410/TENV | MSE3   | 80MB 4 | 18                |       |
|                                                     |      | 1000/1200 | 80        | IC410/TENV | MSE3   | 80MB 6 | 23                |       |
| 0.75                                                | 1    | 3000/3600 | 80        | IC410/TENV | MSE3   | 80MB 2 | 22                |       |
|                                                     |      | 1500/1800 | 80        | IC410/TENV | MSE3   | 80MC 4 | 22                |       |
|                                                     |      | 1000/1200 | 90        | IC410/TENV | MSE3   | 90MB 6 | 32                |       |
| 1.1                                                 | 1.5  | 3000/3600 | 80        | IC410/TENV | MSE3   | 80MC 2 | 27                |       |
|                                                     |      | 1500/1800 | 90        | IC410/TENV | MSE3   | 90MA 4 | 28                |       |
|                                                     |      | 1000/1200 | 90        | IC410/TENV | MSE3   | 90MC 6 | 39                |       |
| 1.5                                                 | 2    | 3000/3600 | 90        | IC410/TENV | MSE3   | 90MA 2 | 29                |       |
|                                                     |      | 1500/1800 | 90        | IC410/TENV | MSE3   | 90MB 4 | 30                |       |
| 2.2                                                 | 3    | 3000/3600 | 90        | IC410/TENV | MSE3   | 90MB 2 | 37                |       |

► For details on IE4 and IE5 motors, please contact us.

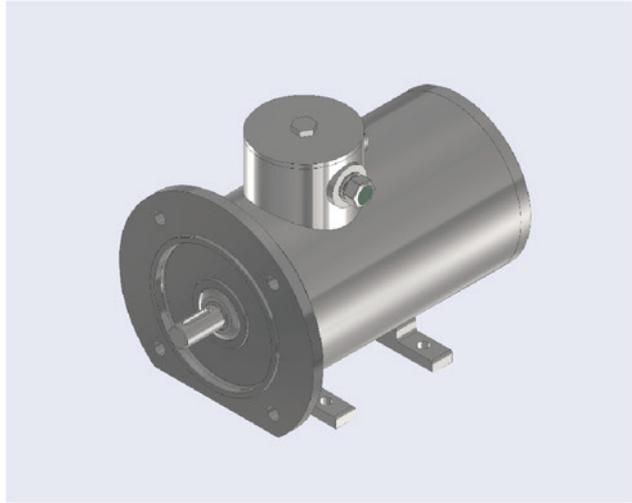
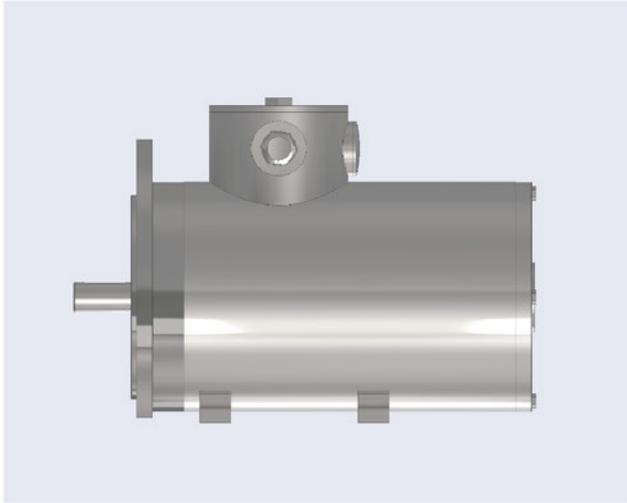
## IM B5, IM V1, flange mounted, footless, with terminal box, TENV



| Power                                                                  |      | RPM       | IEC Frame | Enclosure  | Model  |        | Aprx. Weight (kg) | Notes |
|------------------------------------------------------------------------|------|-----------|-----------|------------|--------|--------|-------------------|-------|
| kW                                                                     | Hp   |           |           |            | Series | Type   |                   |       |
| <b>IM B5, IM V1, flange mounted, footless, with terminal box, TENV</b> |      |           |           |            |        |        |                   |       |
| 0.18                                                                   | 0.24 | 1000/1200 | 71        | IC410/TENV | MSE3   | 71MA 6 | 13                |       |
| 0.25                                                                   | 0.33 | 1500/1800 | 71        | IC410/TENV | MSE3   | 71MB 4 | 12                |       |
|                                                                        |      | 1000/1200 | 71        | IC410/TENV | MSE3   | 71MB 6 | 14                |       |
| 0.37                                                                   | 0.5  | 3000/3600 | 71        | IC410/TENV | MSE3   | 71MA 2 | 12                |       |
|                                                                        |      | 1500/1800 | 71        | IC410/TENV | MSE3   | 71MC 4 | 13                |       |
|                                                                        |      | 1000/1200 | 80        | IC410/TENV | MSE3   | 80MA 6 | 19                |       |
| 0.55                                                                   | 0.73 | 3000/3600 | 71        | IC410/TENV | MSE3   | 71MB 2 | 15                |       |
|                                                                        |      | 1500/1800 | 80        | IC410/TENV | MSE3   | 80MB 4 | 18                |       |
|                                                                        |      | 1000/1200 | 80        | IC410/TENV | MSE3   | 80MB 6 | 23                |       |
| 0.75                                                                   | 1    | 3000/3600 | 80        | IC410/TENV | MSE3   | 80MB 2 | 22                |       |
|                                                                        |      | 1500/1800 | 80        | IC410/TENV | MSE3   | 80MC 4 | 22                |       |
|                                                                        |      | 1000/1200 | 90        | IC410/TENV | MSE3   | 90MB 6 | 32                |       |
| 1.1                                                                    | 1.5  | 3000/3600 | 80        | IC410/TENV | MSE3   | 80MC 2 | 27                |       |
|                                                                        |      | 1500/1800 | 90        | IC410/TENV | MSE3   | 90MA 4 | 28                |       |
|                                                                        |      | 1000/1200 | 90        | IC410/TENV | MSE3   | 90MC 6 | 39                |       |
| 1.5                                                                    | 2    | 3000/3600 | 90        | IC410/TENV | MSE3   | 90MA 2 | 29                |       |
|                                                                        |      | 1500/1800 | 90        | IC410/TENV | MSE3   | 90MB 4 | 30                |       |
| 2.2                                                                    | 3    | 3000/3600 | 90        | IC410/TENV | MSE3   | 90MB 2 | 37                |       |

► For details on IE4 and IE5 motors, please contact us.

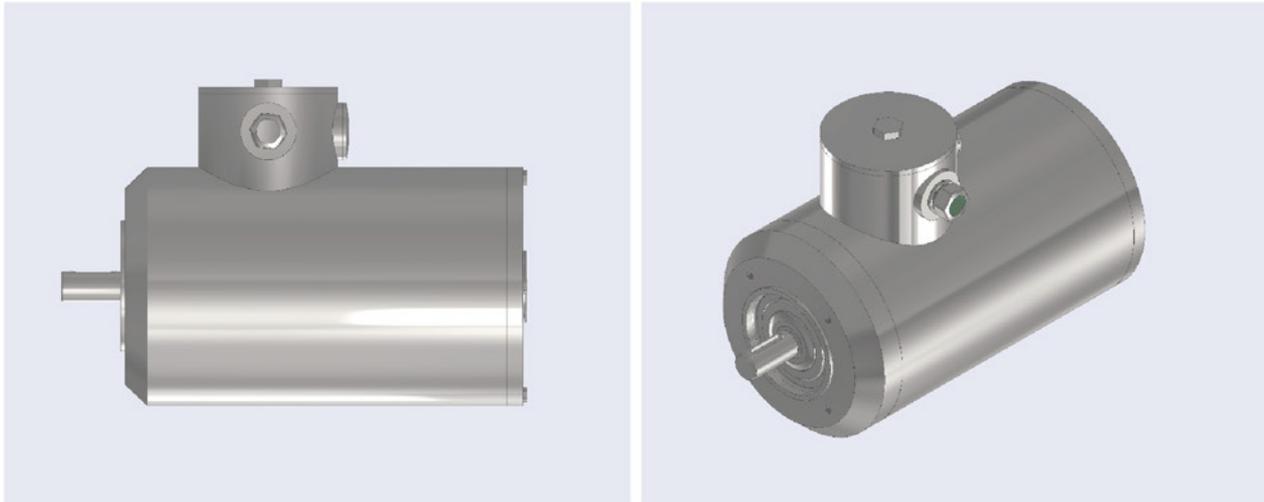
# IM B35, flange mounted, foot mounted, with terminal box, TENV



| Power                                                                |      | RPM       | IEC Frame | Enclosure  | Model  |        | Aprx. Weight (kg) | Notes |
|----------------------------------------------------------------------|------|-----------|-----------|------------|--------|--------|-------------------|-------|
| kW                                                                   | Hp   |           |           |            | Series | Type   |                   |       |
| <b>IM B35, flange mounted, foot mounted, with terminal box, TENV</b> |      |           |           |            |        |        |                   |       |
| 0.18                                                                 | 0.24 | 1000/1200 | 71        | IC410/TENV | MSE3   | 71MA 6 | 13                |       |
| 0.25                                                                 | 0.33 | 1500/1800 | 71        | IC410/TENV | MSE3   | 71MB 4 | 12                |       |
|                                                                      |      | 1000/1200 | 71        | IC410/TENV | MSE3   | 71MB 6 | 14                |       |
| 0.37                                                                 | 0.5  | 3000/3600 | 71        | IC410/TENV | MSE3   | 71MA 2 | 12                |       |
|                                                                      |      | 1500/1800 | 71        | IC410/TENV | MSE3   | 71MC 4 | 13                |       |
|                                                                      |      | 1000/1200 | 80        | IC410/TENV | MSE3   | 80MA 6 | 19                |       |
| 0.55                                                                 | 0.73 | 3000/3600 | 71        | IC410/TENV | MSE3   | 71MB 2 | 15                |       |
|                                                                      |      | 1500/1800 | 80        | IC410/TENV | MSE3   | 80MB 4 | 18                |       |
|                                                                      |      | 1000/1200 | 80        | IC410/TENV | MSE3   | 80MB 6 | 23                |       |
| 0.75                                                                 | 1    | 3000/3600 | 80        | IC410/TENV | MSE3   | 80MB 2 | 22                |       |
|                                                                      |      | 1500/1800 | 80        | IC410/TENV | MSE3   | 80MC 4 | 22                |       |
|                                                                      |      | 1000/1200 | 90        | IC410/TENV | MSE3   | 90MB 6 | 32                |       |
| 1.1                                                                  | 1.5  | 3000/3600 | 80        | IC410/TENV | MSE3   | 80MC 2 | 27                |       |
|                                                                      |      | 1500/1800 | 90        | IC410/TENV | MSE3   | 90MA 4 | 28                |       |
|                                                                      |      | 1000/1200 | 90        | IC410/TENV | MSE3   | 90MC 6 | 39                |       |
| 1.5                                                                  | 2    | 3000/3600 | 90        | IC410/TENV | MSE3   | 90MA 2 | 29                |       |
|                                                                      |      | 1500/1800 | 90        | IC410/TENV | MSE3   | 90MB 4 | 30                |       |
| 2.2                                                                  | 3    | 3000/3600 | 90        | IC410/TENV | MSE3   | 90MB 2 | 37                |       |

► For details on IE4 and IE5 motors, please contact us.

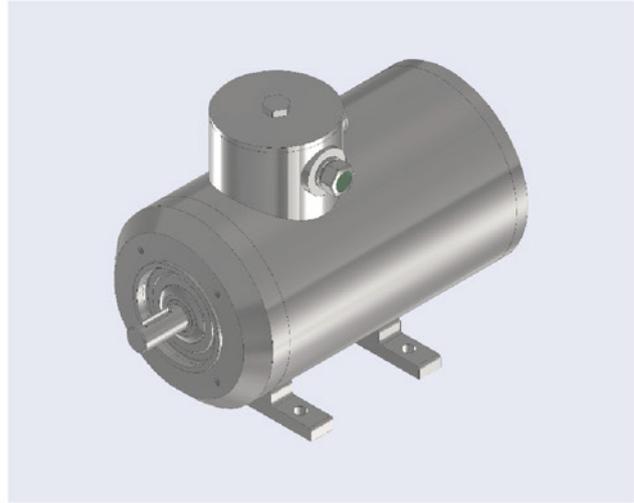
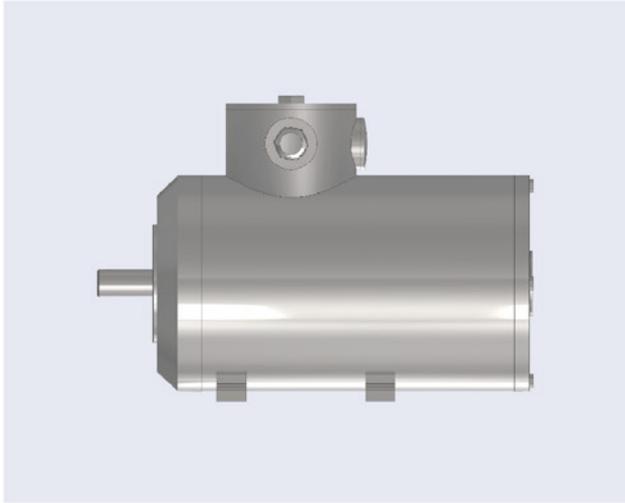
## IM B14, face mounted, footless, with terminal box, TENV



| Power                                                          |      | RPM       | IEC Frame | Enclosure  | Model  |        | Aprx. Weight (kg) | Notes |
|----------------------------------------------------------------|------|-----------|-----------|------------|--------|--------|-------------------|-------|
| kW                                                             | Hp   |           |           |            | Series | Type   |                   |       |
| <b>IM B14, face mounted, footless, with terminal box, TENV</b> |      |           |           |            |        |        |                   |       |
| 0.18                                                           | 0.24 | 1000/1200 | 71        | IC410/TENV | MSE3   | 71MA 6 | 13                |       |
| 0.25                                                           | 0.33 | 1500/1800 | 71        | IC410/TENV | MSE3   | 71MB 4 | 12                |       |
|                                                                |      | 1000/1200 | 71        | IC410/TENV | MSE3   | 71MB 6 | 14                |       |
| 0.37                                                           | 0.5  | 3000/3600 | 71        | IC410/TENV | MSE3   | 71MA 2 | 12                |       |
|                                                                |      | 1500/1800 | 71        | IC410/TENV | MSE3   | 71MC 4 | 13                |       |
|                                                                |      | 1000/1200 | 80        | IC410/TENV | MSE3   | 80MA 6 | 19                |       |
| 0.55                                                           | 0.73 | 3000/3600 | 71        | IC410/TENV | MSE3   | 71MB 2 | 15                |       |
|                                                                |      | 1500/1800 | 80        | IC410/TENV | MSE3   | 80MB 4 | 18                |       |
|                                                                |      | 1000/1200 | 80        | IC410/TENV | MSE3   | 80MB 6 | 23                |       |
| 0.75                                                           | 1    | 3000/3600 | 80        | IC410/TENV | MSE3   | 80MB 2 | 22                |       |
|                                                                |      | 1500/1800 | 80        | IC410/TENV | MSE3   | 80MC 4 | 22                |       |
|                                                                |      | 1000/1200 | 90        | IC410/TENV | MSE3   | 90MB 6 | 32                |       |
| 1.1                                                            | 1.5  | 3000/3600 | 80        | IC410/TENV | MSE3   | 80MC 2 | 27                |       |
|                                                                |      | 1500/1800 | 90        | IC410/TENV | MSE3   | 90MA 4 | 28                |       |
|                                                                |      | 1000/1200 | 90        | IC410/TENV | MSE3   | 90MC 6 | 39                |       |
| 1.5                                                            | 2    | 3000/3600 | 90        | IC410/TENV | MSE3   | 90MA 2 | 29                |       |
|                                                                |      | 1500/1800 | 90        | IC410/TENV | MSE3   | 90MB 4 | 30                |       |
| 2.2                                                            | 3    | 3000/3600 | 90        | IC410/TENV | MSE3   | 90MB 2 | 37                |       |

► For details on IE4 and IE5 motors, please contact us.

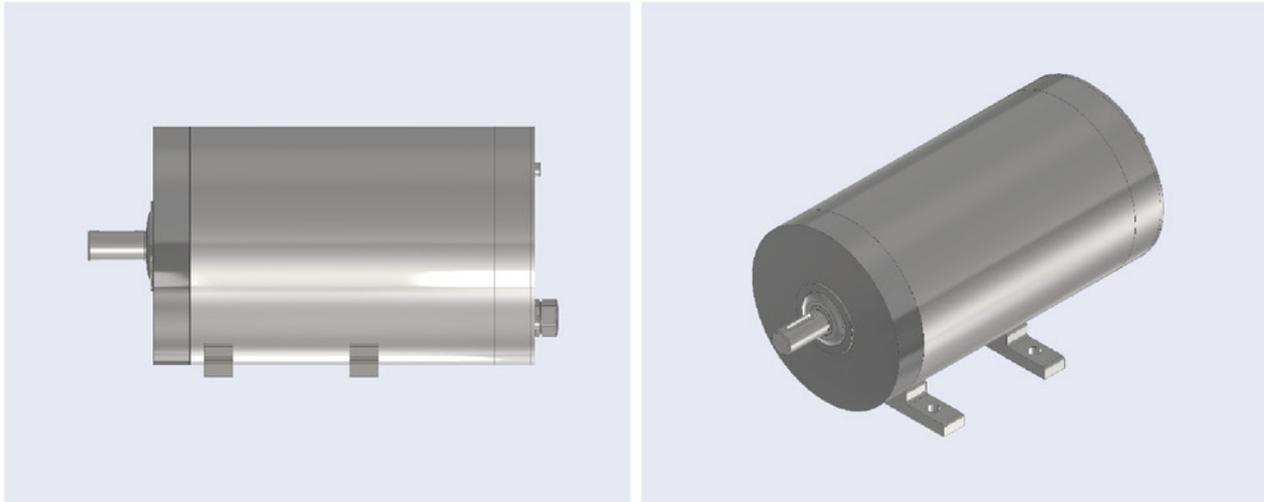
# IM B34, face mounted, foot mounted, with terminal box, TENV



| Power                                                              |      | RPM       | IEC Frame | Enclosure  | Model  |        | Aprx. Weight (kg) | Notes |
|--------------------------------------------------------------------|------|-----------|-----------|------------|--------|--------|-------------------|-------|
| kW                                                                 | Hp   |           |           |            | Series | Type   |                   |       |
| <b>IM B34, face mounted, foot mounted, with terminal box, TENV</b> |      |           |           |            |        |        |                   |       |
| 0.18                                                               | 0.24 | 1000/1200 | 71        | IC410/TENV | MSE3   | 71MA 6 | 13                |       |
| 0.25                                                               | 0.33 | 1500/1800 | 71        | IC410/TENV | MSE3   | 71MB 4 | 12                |       |
|                                                                    |      | 1000/1200 | 71        | IC410/TENV | MSE3   | 71MB 6 | 14                |       |
| 0.37                                                               | 0.5  | 3000/3600 | 71        | IC410/TENV | MSE3   | 71MA 2 | 12                |       |
|                                                                    |      | 1500/1800 | 71        | IC410/TENV | MSE3   | 71MC 4 | 13                |       |
|                                                                    |      | 1000/1200 | 80        | IC410/TENV | MSE3   | 80MA 6 | 19                |       |
| 0.55                                                               | 0.73 | 3000/3600 | 71        | IC410/TENV | MSE3   | 71MB 2 | 15                |       |
|                                                                    |      | 1500/1800 | 80        | IC410/TENV | MSE3   | 80MB 4 | 18                |       |
|                                                                    |      | 1000/1200 | 80        | IC410/TENV | MSE3   | 80MB 6 | 23                |       |
| 0.75                                                               | 1    | 3000/3600 | 80        | IC410/TENV | MSE3   | 80MB 2 | 22                |       |
|                                                                    |      | 1500/1800 | 80        | IC410/TENV | MSE3   | 80MC 4 | 22                |       |
|                                                                    |      | 1000/1200 | 90        | IC410/TENV | MSE3   | 90MB 6 | 32                |       |
| 1.1                                                                | 1.5  | 3000/3600 | 80        | IC410/TENV | MSE3   | 80MC 2 | 27                |       |
|                                                                    |      | 1500/1800 | 90        | IC410/TENV | MSE3   | 90MA 4 | 28                |       |
|                                                                    |      | 1000/1200 | 90        | IC410/TENV | MSE3   | 90MC 6 | 39                |       |
| 1.5                                                                | 2    | 3000/3600 | 90        | IC410/TENV | MSE3   | 90MA 2 | 29                |       |
|                                                                    |      | 1500/1800 | 90        | IC410/TENV | MSE3   | 90MB 4 | 30                |       |
| 2.2                                                                | 3    | 3000/3600 | 90        | IC410/TENV | MSE3   | 90MB 2 | 37                |       |

► For details on IE4 and IE5 motors, please contact us.

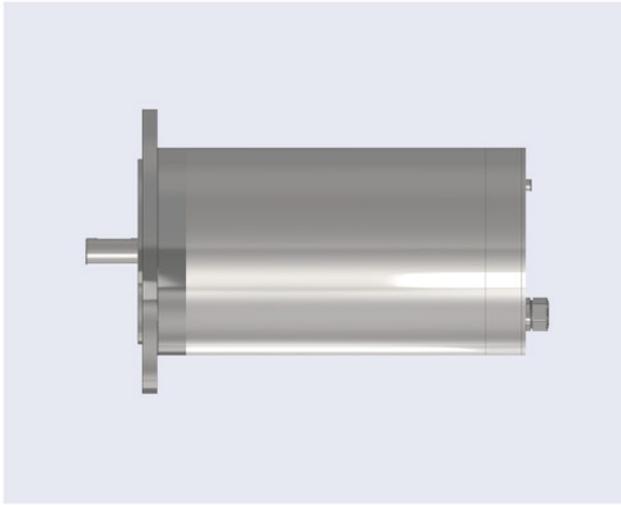
## IM B3, foot mounted, without terminal box, Tail-end wiring, TENV



| Power                                                                   |      | RPM       | IEC Frame | Enclosure  | Model  |        | Aprx. Weight (kg) | Notes |
|-------------------------------------------------------------------------|------|-----------|-----------|------------|--------|--------|-------------------|-------|
| kW                                                                      | Hp   |           |           |            | Series | Type   |                   |       |
| <b>IM B3, foot mounted, without terminal box, Tail-end wiring, TENV</b> |      |           |           |            |        |        |                   |       |
| 0.18                                                                    | 0.24 | 1000/1200 | 71        | IC410/TENV | MSE3   | 71MA 6 | 13                |       |
| 0.25                                                                    | 0.33 | 1500/1800 | 71        | IC410/TENV | MSE3   | 71MB 4 | 12                |       |
|                                                                         |      | 1000/1200 | 71        | IC410/TENV | MSE3   | 71MB 6 | 14                |       |
| 0.37                                                                    | 0.5  | 3000/3600 | 71        | IC410/TENV | MSE3   | 71MA 2 | 12                |       |
|                                                                         |      | 1500/1800 | 71        | IC410/TENV | MSE3   | 71MC 4 | 13                |       |
|                                                                         |      | 1000/1200 | 80        | IC410/TENV | MSE3   | 80MA 6 | 19                |       |
| 0.55                                                                    | 0.73 | 3000/3600 | 71        | IC410/TENV | MSE3   | 71MB 2 | 15                |       |
|                                                                         |      | 1500/1800 | 80        | IC410/TENV | MSE3   | 80MB 4 | 18                |       |
|                                                                         |      | 1000/1200 | 80        | IC410/TENV | MSE3   | 80MB 6 | 23                |       |
| 0.75                                                                    | 1    | 3000/3600 | 80        | IC410/TENV | MSE3   | 80MB 2 | 22                |       |
|                                                                         |      | 1500/1800 | 80        | IC410/TENV | MSE3   | 80MC 4 | 22                |       |
|                                                                         |      | 1000/1200 | 90        | IC410/TENV | MSE3   | 90MB 6 | 32                |       |
| 1.1                                                                     | 1.5  | 3000/3600 | 80        | IC410/TENV | MSE3   | 80MC 2 | 27                |       |
|                                                                         |      | 1500/1800 | 90        | IC410/TENV | MSE3   | 90MA 4 | 28                |       |
|                                                                         |      | 1000/1200 | 90        | IC410/TENV | MSE3   | 90MC 6 | 39                |       |
| 1.5                                                                     | 2    | 3000/3600 | 90        | IC410/TENV | MSE3   | 90MA 2 | 29                |       |
|                                                                         |      | 1500/1800 | 90        | IC410/TENV | MSE3   | 90MB 4 | 30                |       |
| 2.2                                                                     | 3    | 3000/3600 | 90        | IC410/TENV | MSE3   | 90MB 2 | 37                |       |

► For details on IE4 and IE5 motors, please contact us.

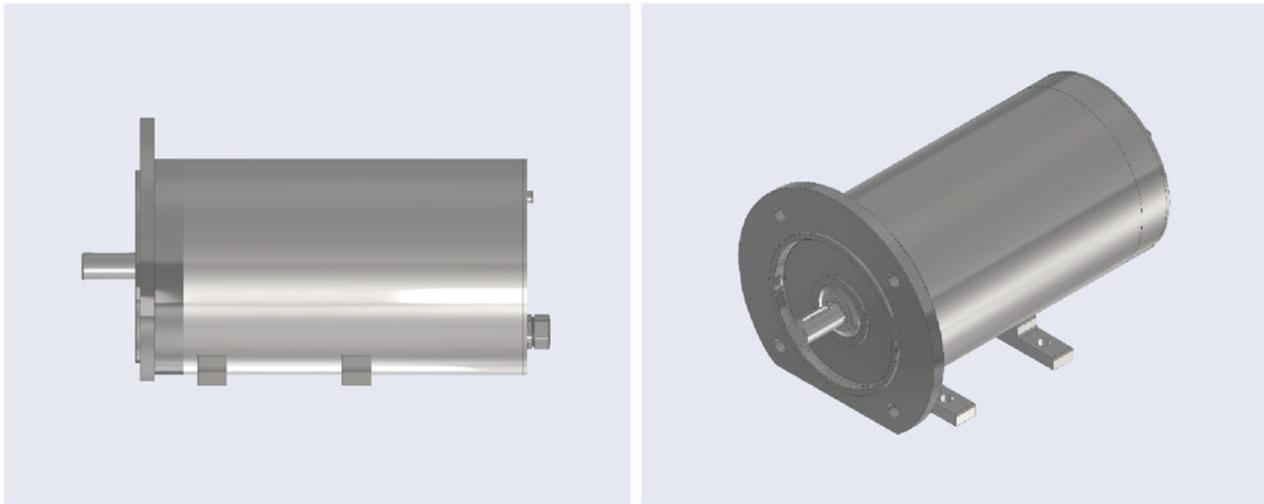
## IM B5, IM V1, flange mounted, footless, without terminal box, Tail-end wiring, TENV



| Power                                                                                      |      | RPM       | IEC Frame | Enclosure  | Model  |        | Aprx. Weight (kg) | Notes |
|--------------------------------------------------------------------------------------------|------|-----------|-----------|------------|--------|--------|-------------------|-------|
| kW                                                                                         | Hp   |           |           |            | Series | Type   |                   |       |
| <b>IM B5, IM V1, flange mounted, footless, without terminal box, Tail-end wiring, TENV</b> |      |           |           |            |        |        |                   |       |
| 0.18                                                                                       | 0.24 | 1000/1200 | 71        | IC410/TENV | MSE3   | 71MA 6 | 13                |       |
| 0.25                                                                                       | 0.33 | 1500/1800 | 71        | IC410/TENV | MSE3   | 71MB 4 | 12                |       |
|                                                                                            |      | 1000/1200 | 71        | IC410/TENV | MSE3   | 71MB 6 | 14                |       |
| 0.37                                                                                       | 0.5  | 3000/3600 | 71        | IC410/TENV | MSE3   | 71MA 2 | 12                |       |
|                                                                                            |      | 1500/1800 | 71        | IC410/TENV | MSE3   | 71MC 4 | 13                |       |
|                                                                                            |      | 1000/1200 | 80        | IC410/TENV | MSE3   | 80MA 6 | 19                |       |
| 0.55                                                                                       | 0.73 | 3000/3600 | 71        | IC410/TENV | MSE3   | 71MB 2 | 15                |       |
|                                                                                            |      | 1500/1800 | 80        | IC410/TENV | MSE3   | 80MB 4 | 18                |       |
|                                                                                            |      | 1000/1200 | 80        | IC410/TENV | MSE3   | 80MB 6 | 23                |       |
| 0.75                                                                                       | 1    | 3000/3600 | 80        | IC410/TENV | MSE3   | 80MB 2 | 22                |       |
|                                                                                            |      | 1500/1800 | 80        | IC410/TENV | MSE3   | 80MC 4 | 22                |       |
|                                                                                            |      | 1000/1200 | 90        | IC410/TENV | MSE3   | 90MB 6 | 32                |       |
| 1.1                                                                                        | 1.5  | 3000/3600 | 80        | IC410/TENV | MSE3   | 80MC 2 | 27                |       |
|                                                                                            |      | 1500/1800 | 90        | IC410/TENV | MSE3   | 90MA 4 | 28                |       |
|                                                                                            |      | 1000/1200 | 90        | IC410/TENV | MSE3   | 90MC 6 | 39                |       |
| 1.5                                                                                        | 2    | 3000/3600 | 90        | IC410/TENV | MSE3   | 90MA 2 | 29                |       |
|                                                                                            |      | 1500/1800 | 90        | IC410/TENV | MSE3   | 90MB 4 | 30                |       |
| 2.2                                                                                        | 3    | 3000/3600 | 90        | IC410/TENV | MSE3   | 90MB 2 | 37                |       |

► For details on IE4 and IE5 motors, please contact us.

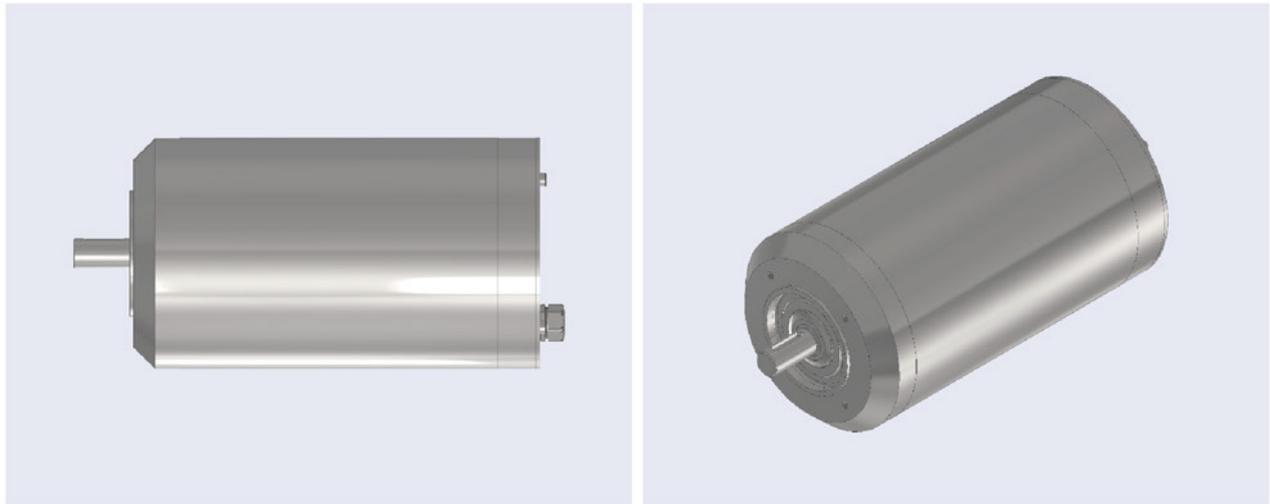
## IM B35, flange mounted, foot mounted, without terminal box, Tail-end wiring, TENV



| Power                                                                                    |      | RPM       | IEC Frame | Enclosure  | Model  |        | Aprx. Weight (kg) | Notes |
|------------------------------------------------------------------------------------------|------|-----------|-----------|------------|--------|--------|-------------------|-------|
| kW                                                                                       | Hp   |           |           |            | Series | Type   |                   |       |
| <b>IM B35, flange mounted, foot mounted, without terminal box, Tail-end wiring, TENV</b> |      |           |           |            |        |        |                   |       |
| 0.18                                                                                     | 0.24 | 1000/1200 | 71        | IC410/TENV | MSE3   | 71MA 6 | 13                |       |
| 0.25                                                                                     | 0.33 | 1500/1800 | 71        | IC410/TENV | MSE3   | 71MB 4 | 12                |       |
|                                                                                          |      | 1000/1200 | 71        | IC410/TENV | MSE3   | 71MB 6 | 14                |       |
| 0.37                                                                                     | 0.5  | 3000/3600 | 71        | IC410/TENV | MSE3   | 71MA 2 | 12                |       |
|                                                                                          |      | 1500/1800 | 71        | IC410/TENV | MSE3   | 71MC 4 | 13                |       |
|                                                                                          |      | 1000/1200 | 80        | IC410/TENV | MSE3   | 80MA 6 | 19                |       |
| 0.55                                                                                     | 0.73 | 3000/3600 | 71        | IC410/TENV | MSE3   | 71MB 2 | 15                |       |
|                                                                                          |      | 1500/1800 | 80        | IC410/TENV | MSE3   | 80MB 4 | 18                |       |
|                                                                                          |      | 1000/1200 | 80        | IC410/TENV | MSE3   | 80MB 6 | 23                |       |
| 0.75                                                                                     | 1    | 3000/3600 | 80        | IC410/TENV | MSE3   | 80MB 2 | 22                |       |
|                                                                                          |      | 1500/1800 | 80        | IC410/TENV | MSE3   | 80MC 4 | 22                |       |
|                                                                                          |      | 1000/1200 | 90        | IC410/TENV | MSE3   | 90MB 6 | 32                |       |
| 1.1                                                                                      | 1.5  | 3000/3600 | 80        | IC410/TENV | MSE3   | 80MC 2 | 27                |       |
|                                                                                          |      | 1500/1800 | 90        | IC410/TENV | MSE3   | 90MA 4 | 28                |       |
|                                                                                          |      | 1000/1200 | 90        | IC410/TENV | MSE3   | 90MC 6 | 39                |       |
| 1.5                                                                                      | 2    | 3000/3600 | 90        | IC410/TENV | MSE3   | 90MA 2 | 29                |       |
|                                                                                          |      | 1500/1800 | 90        | IC410/TENV | MSE3   | 90MB 4 | 30                |       |
| 2.2                                                                                      | 3    | 3000/3600 | 90        | IC410/TENV | MSE3   | 90MB 2 | 37                |       |

► For details on IE4 and IE5 motors, please contact us.

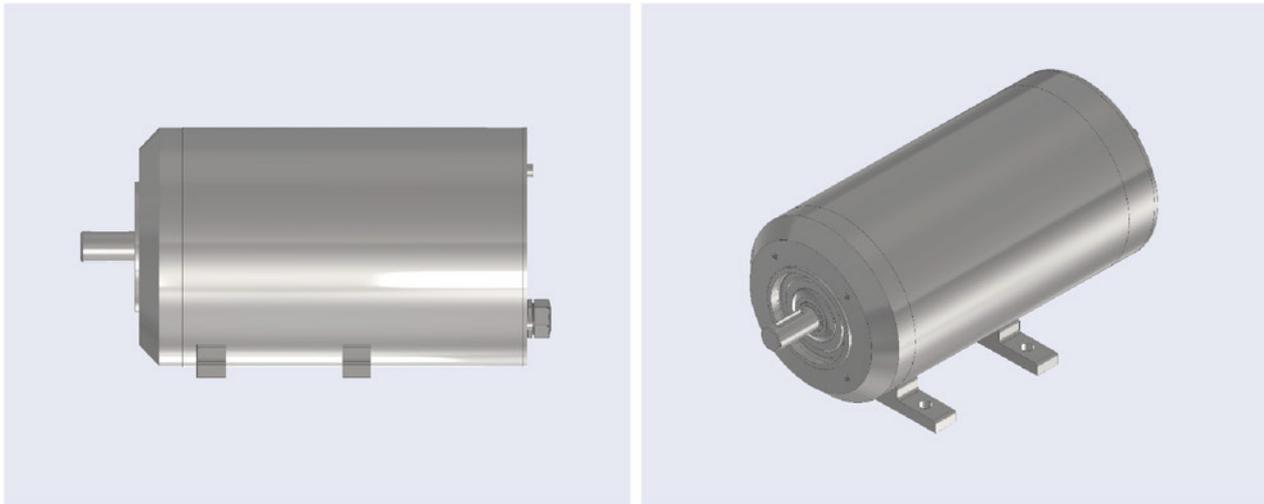
## IM B14, face mounted, footless, without terminal box, Tail-end wiring, TENV



| Power                                                                              |      | RPM       | IEC Frame | Enclosure  | Model  |        | Aprx. Weight (kg) | Notes |
|------------------------------------------------------------------------------------|------|-----------|-----------|------------|--------|--------|-------------------|-------|
| kW                                                                                 | Hp   |           |           |            | Series | Type   |                   |       |
| <b>IM B14, face mounted, footless, without terminal box, Tail-end wiring, TENV</b> |      |           |           |            |        |        |                   |       |
| 0.18                                                                               | 0.24 | 1000/1200 | 71        | IC410/TENV | MSE3   | 71MA 6 | 13                |       |
| 0.25                                                                               | 0.33 | 1500/1800 | 71        | IC410/TENV | MSE3   | 71MB 4 | 12                |       |
|                                                                                    |      | 1000/1200 | 71        | IC410/TENV | MSE3   | 71MB 6 | 14                |       |
| 0.37                                                                               | 0.5  | 3000/3600 | 71        | IC410/TENV | MSE3   | 71MA 2 | 12                |       |
|                                                                                    |      | 1500/1800 | 71        | IC410/TENV | MSE3   | 71MC 4 | 13                |       |
|                                                                                    |      | 1000/1200 | 80        | IC410/TENV | MSE3   | 80MA 6 | 19                |       |
| 0.55                                                                               | 0.73 | 3000/3600 | 71        | IC410/TENV | MSE3   | 71MB 2 | 15                |       |
|                                                                                    |      | 1500/1800 | 80        | IC410/TENV | MSE3   | 80MB 4 | 18                |       |
|                                                                                    |      | 1000/1200 | 80        | IC410/TENV | MSE3   | 80MB 6 | 23                |       |
| 0.75                                                                               | 1    | 3000/3600 | 80        | IC410/TENV | MSE3   | 80MB 2 | 22                |       |
|                                                                                    |      | 1500/1800 | 80        | IC410/TENV | MSE3   | 80MC 4 | 22                |       |
|                                                                                    |      | 1000/1200 | 90        | IC410/TENV | MSE3   | 90MB 6 | 32                |       |
| 1.1                                                                                | 1.5  | 3000/3600 | 80        | IC410/TENV | MSE3   | 80MC 2 | 27                |       |
|                                                                                    |      | 1500/1800 | 90        | IC410/TENV | MSE3   | 90MA 4 | 28                |       |
|                                                                                    |      | 1000/1200 | 90        | IC410/TENV | MSE3   | 90MC 6 | 39                |       |
| 1.5                                                                                | 2    | 3000/3600 | 90        | IC410/TENV | MSE3   | 90MA 2 | 29                |       |
|                                                                                    |      | 1500/1800 | 90        | IC410/TENV | MSE3   | 90MB 4 | 30                |       |
| 2.2                                                                                | 3    | 3000/3600 | 90        | IC410/TENV | MSE3   | 90MB 2 | 37                |       |

► For details on IE4 and IE5 motors, please contact us.

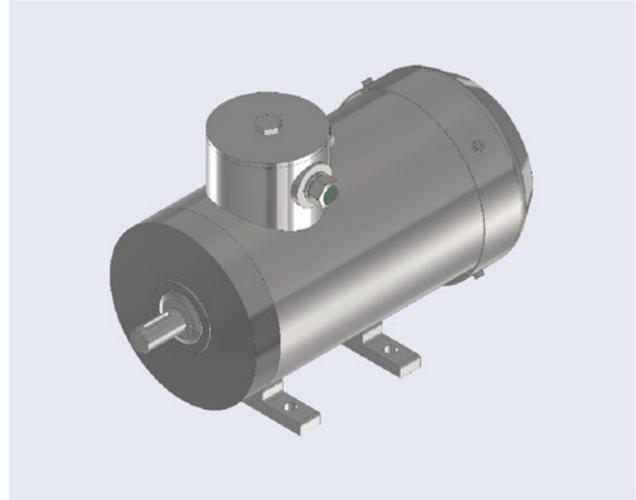
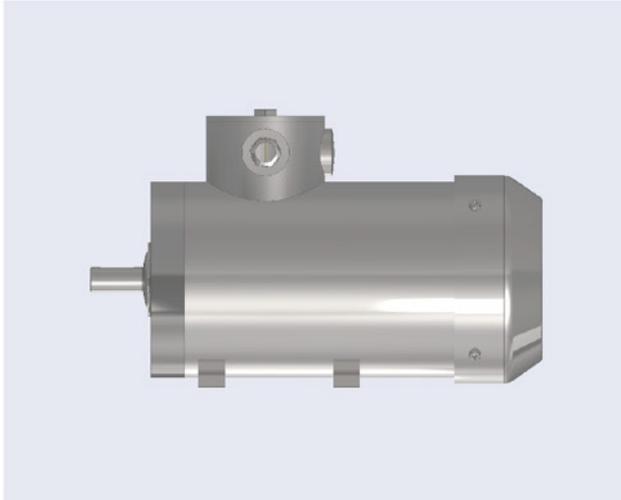
## IM B34, face mounted, foot mounted, with terminal box, Tail-end wiring, TENV



| Power                                                                               |      | RPM       | IEC Frame | Enclosure  | Model  |        | Aprx. Weight (kg) | Notes |
|-------------------------------------------------------------------------------------|------|-----------|-----------|------------|--------|--------|-------------------|-------|
| kW                                                                                  | Hp   |           |           |            | Series | Type   |                   |       |
| <b>IM B34, face mounted, foot mounted, with terminal box, Tail-end wiring, TENV</b> |      |           |           |            |        |        |                   |       |
| 0.18                                                                                | 0.24 | 1000/1200 | 71        | IC410/TENV | MSE3   | 71MA 6 | 13                |       |
| 0.25                                                                                | 0.33 | 1500/1800 | 71        | IC410/TENV | MSE3   | 71MB 4 | 12                |       |
|                                                                                     |      | 1000/1200 | 71        | IC410/TENV | MSE3   | 71MB 6 | 14                |       |
| 0.37                                                                                | 0.5  | 3000/3600 | 71        | IC410/TENV | MSE3   | 71MA 2 | 12                |       |
|                                                                                     |      | 1500/1800 | 71        | IC410/TENV | MSE3   | 71MC 4 | 13                |       |
|                                                                                     |      | 1000/1200 | 80        | IC410/TENV | MSE3   | 80MA 6 | 19                |       |
| 0.55                                                                                | 0.73 | 3000/3600 | 71        | IC410/TENV | MSE3   | 71MB 2 | 15                |       |
|                                                                                     |      | 1500/1800 | 80        | IC410/TENV | MSE3   | 80MB 4 | 18                |       |
|                                                                                     |      | 1000/1200 | 80        | IC410/TENV | MSE3   | 80MB 6 | 23                |       |
| 0.75                                                                                | 1    | 3000/3600 | 80        | IC410/TENV | MSE3   | 80MB 2 | 22                |       |
|                                                                                     |      | 1500/1800 | 80        | IC410/TENV | MSE3   | 80MC 4 | 22                |       |
|                                                                                     |      | 1000/1200 | 90        | IC410/TENV | MSE3   | 90MB 6 | 32                |       |
| 1.1                                                                                 | 1.5  | 3000/3600 | 80        | IC410/TENV | MSE3   | 80MC 2 | 27                |       |
|                                                                                     |      | 1500/1800 | 90        | IC410/TENV | MSE3   | 90MA 4 | 28                |       |
|                                                                                     |      | 1000/1200 | 90        | IC410/TENV | MSE3   | 90MC 6 | 39                |       |
| 1.5                                                                                 | 2    | 3000/3600 | 90        | IC410/TENV | MSE3   | 90MA 2 | 29                |       |
|                                                                                     |      | 1500/1800 | 90        | IC410/TENV | MSE3   | 90MB 4 | 30                |       |
| 2.2                                                                                 | 3    | 3000/3600 | 90        | IC410/TENV | MSE3   | 90MB 2 | 37                |       |

► For details on IE4 and IE5 motors, please contact us.

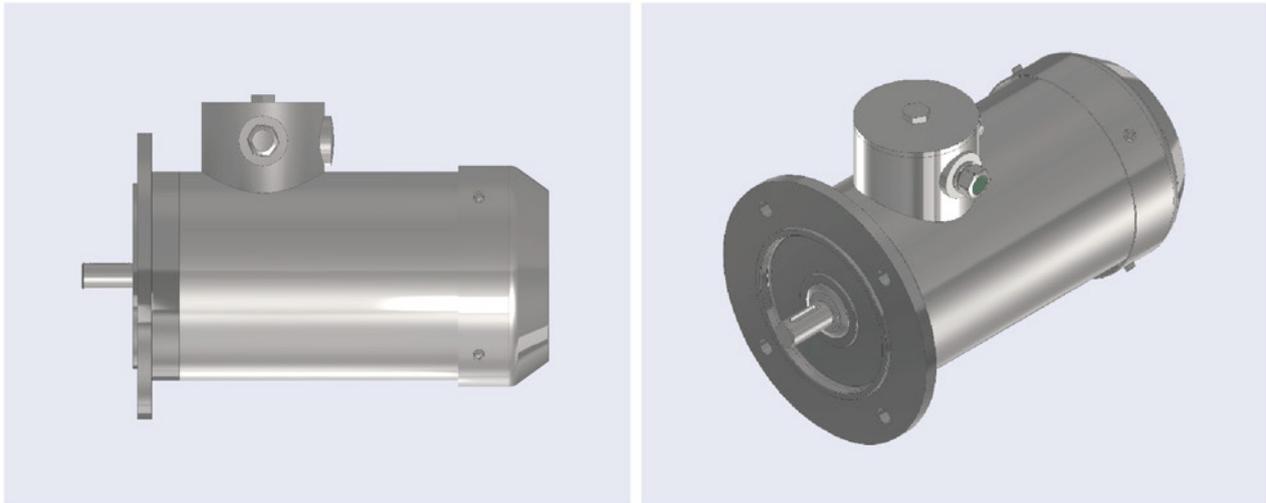
## IM B3, foot mounted, with terminal box, TEFC



| Power                                               |     | RPM       | IEC Frame | Enclosure  | Model  |         | Aprx. Weight (kg) | Notes |
|-----------------------------------------------------|-----|-----------|-----------|------------|--------|---------|-------------------|-------|
| kW                                                  | Hp  |           |           |            | Series | Type    |                   |       |
| <b>IM B3, foot mounted, with terminal box, TEFC</b> |     |           |           |            |        |         |                   |       |
| 0.75                                                | 1   | 1000/1200 | 90        | IC411/TEFC | MSE3   | 90MB 6  | 26                |       |
| 1.1                                                 | 1.5 | 1500/1800 | 90        | IC411/TEFC | MSE3   | 90MA 4  | 22                |       |
|                                                     |     | 1000/1200 | 90        | IC411/TEFC | MSE3   | 90MC 6  | 31                |       |
| 1.5                                                 | 2   | 3000/3600 | 90        | IC411/TEFC | MSE3   | 90MA 2  | 23                |       |
|                                                     |     | 1500/1800 | 90        | IC411/TEFC | MSE3   | 90MB 4  | 24                |       |
|                                                     |     | 1000/1200 | 100       | IC411/TEFC | MSE3   | 100LA 6 | 47                |       |
| 2.2                                                 | 3   | 3000/3600 | 90        | IC411/TEFC | MSE3   | 90MB 2  | 28                |       |
|                                                     |     | 1500/1800 | 100       | IC411/TEFC | MSE3   | 100LA 4 | 42                |       |
|                                                     |     | 1000/1200 | 112       | IC411/TEFC | MSE3   | 112LA 6 | 45                |       |
| 3                                                   | 4   | 3000/3600 | 100       | IC411/TEFC | MSE3   | 100LA 2 | 43                |       |
|                                                     |     | 1500/1800 | 100       | IC411/TEFC | MSE3   | 100LB 4 | 51                |       |
|                                                     |     | 1000/1200 | 132       | IC411/TEFC | MSE3   | 132LA 6 | 67                |       |
| 4                                                   | 5   | 3000/3600 | 112       | IC411/TEFC | MSE3   | 112LA 2 | 44                |       |
|                                                     |     | 1500/1800 | 112       | IC411/TEFC | MSE3   | 112LA 4 | 53                |       |
|                                                     |     | 1000/1200 | 132       | IC411/TEFC | MSE3   | 132LB 6 | 75                |       |
| 5.5                                                 | 7.3 | 3000/3600 | 132       | IC411/TEFC | MSE3   | 132LA 2 | 76                |       |
|                                                     |     | 1500/1800 | 132       | IC411/TEFC | MSE3   | 132LA 4 | 78                |       |
| 7.5                                                 | 10  | 3000/3600 | 132       | IC411/TEFC | MSE3   | 132LB 2 | 80                |       |
|                                                     |     | 1500/1800 | 132       | IC411/TEFC | MSE3   | 132LB 4 | 82                |       |

► For details on IE4 and IE5 motors, please contact us.

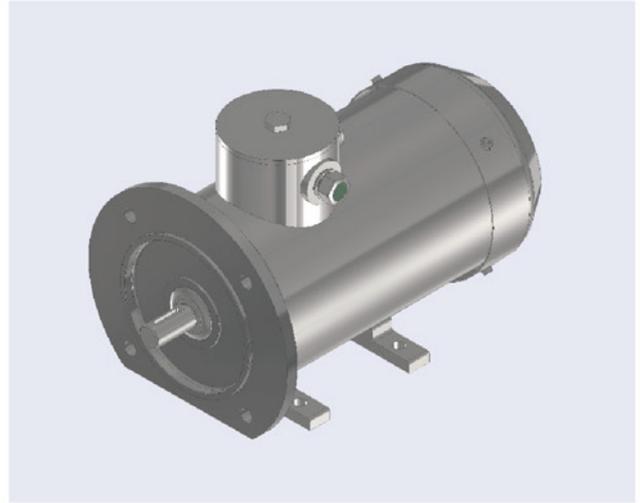
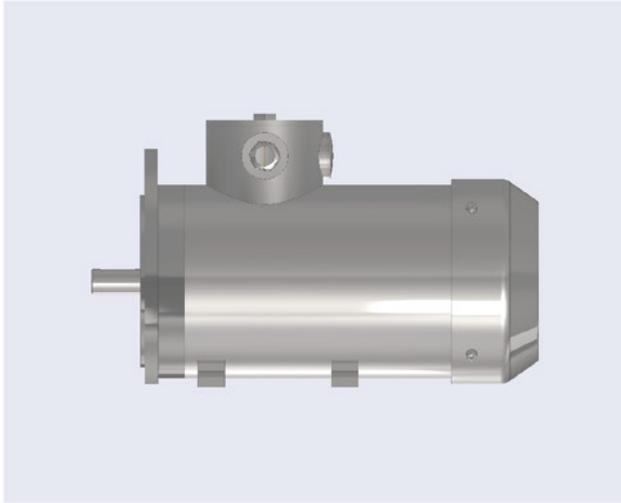
## IM B5, IM V1, flange mounted, footless, with terminal box, TEFC



| Power                                                                  |     | RPM       | IEC Frame | Enclosure  | Model  |         | Aprx. Weight (kg) | Notes |
|------------------------------------------------------------------------|-----|-----------|-----------|------------|--------|---------|-------------------|-------|
| kW                                                                     | Hp  |           |           |            | Series | Type    |                   |       |
| <b>IM B5, IM V1, flange mounted, footless, with terminal box, TEFC</b> |     |           |           |            |        |         |                   |       |
| 0.75                                                                   | 1   | 1000/1200 | 90        | IC411/TEFC | MSE3   | 90MB 6  | 26                |       |
| 1.1                                                                    | 1.5 | 1500/1800 | 90        | IC411/TEFC | MSE3   | 90MA 4  | 22                |       |
|                                                                        |     | 1000/1200 | 90        | IC411/TEFC | MSE3   | 90MC 6  | 31                |       |
| 1.5                                                                    | 2   | 3000/3600 | 90        | IC411/TEFC | MSE3   | 90MA 2  | 23                |       |
|                                                                        |     | 1500/1800 | 90        | IC411/TEFC | MSE3   | 90MB 4  | 24                |       |
|                                                                        |     | 1000/1200 | 100       | IC411/TEFC | MSE3   | 100LA 6 | 47                |       |
| 2.2                                                                    | 3   | 3000/3600 | 90        | IC411/TEFC | MSE3   | 90MB 2  | 28                |       |
|                                                                        |     | 1500/1800 | 100       | IC411/TEFC | MSE3   | 100LA 4 | 42                |       |
|                                                                        |     | 1000/1200 | 112       | IC411/TEFC | MSE3   | 112LA 6 | 45                |       |
| 3                                                                      | 4   | 3000/3600 | 100       | IC411/TEFC | MSE3   | 100LA 2 | 43                |       |
|                                                                        |     | 1500/1800 | 100       | IC411/TEFC | MSE3   | 100LB 4 | 51                |       |
|                                                                        |     | 1000/1200 | 132       | IC411/TEFC | MSE3   | 132LA 6 | 67                |       |
| 4                                                                      | 5   | 3000/3600 | 112       | IC411/TEFC | MSE3   | 112LA 2 | 44                |       |
|                                                                        |     | 1500/1800 | 112       | IC411/TEFC | MSE3   | 112LA 4 | 53                |       |
|                                                                        |     | 1000/1200 | 132       | IC411/TEFC | MSE3   | 132LB 6 | 75                |       |
| 5.5                                                                    | 7.3 | 3000/3600 | 132       | IC411/TEFC | MSE3   | 132LA 2 | 76                |       |
|                                                                        |     | 1500/1800 | 132       | IC411/TEFC | MSE3   | 132LA 4 | 78                |       |
| 7.5                                                                    | 10  | 3000/3600 | 132       | IC411/TEFC | MSE3   | 132LB 2 | 80                |       |
|                                                                        |     | 1500/1800 | 132       | IC411/TEFC | MSE3   | 132LB 4 | 82                |       |

► For details on IE4 and IE5 motors, please contact us.

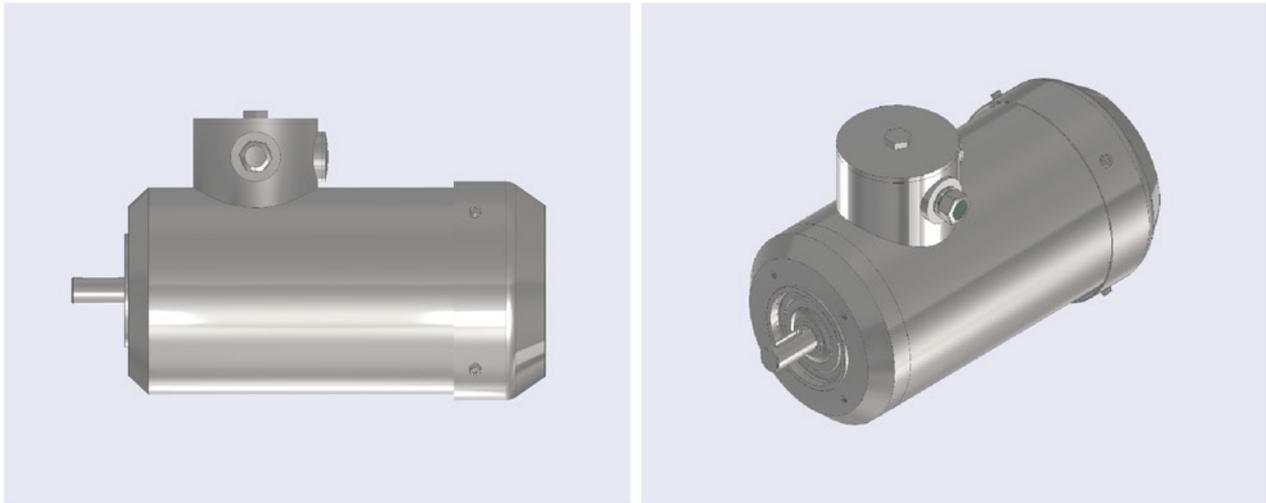
## IM B35, flange mounted, foot mounted, with terminal box, TEFC



| Power                                                                |     | RPM       | IEC Frame | Enclosure  | Model  |         | Aprx. Weight (kg) | Notes |
|----------------------------------------------------------------------|-----|-----------|-----------|------------|--------|---------|-------------------|-------|
| kW                                                                   | Hp  |           |           |            | Series | Type    |                   |       |
| <b>IM B35, flange mounted, foot mounted, with terminal box, TEFC</b> |     |           |           |            |        |         |                   |       |
| 0.75                                                                 | 1   | 1000/1200 | 90        | IC411/TEFC | MSE3   | 90MB 6  | 26                |       |
| 1.1                                                                  | 1.5 | 1500/1800 | 90        | IC411/TEFC | MSE3   | 90MA 4  | 22                |       |
|                                                                      |     | 1000/1200 | 90        | IC411/TEFC | MSE3   | 90MC 6  | 31                |       |
| 1.5                                                                  | 2   | 3000/3600 | 90        | IC411/TEFC | MSE3   | 90MA 2  | 23                |       |
|                                                                      |     | 1500/1800 | 90        | IC411/TEFC | MSE3   | 90MB 4  | 24                |       |
|                                                                      |     | 1000/1200 | 100       | IC411/TEFC | MSE3   | 100LA 6 | 47                |       |
| 2.2                                                                  | 3   | 3000/3600 | 90        | IC411/TEFC | MSE3   | 90MB 2  | 28                |       |
|                                                                      |     | 1500/1800 | 100       | IC411/TEFC | MSE3   | 100LA 4 | 42                |       |
|                                                                      |     | 1000/1200 | 112       | IC411/TEFC | MSE3   | 112LA 6 | 45                |       |
| 3                                                                    | 4   | 3000/3600 | 100       | IC411/TEFC | MSE3   | 100LA 2 | 43                |       |
|                                                                      |     | 1500/1800 | 100       | IC411/TEFC | MSE3   | 100LB 4 | 51                |       |
|                                                                      |     | 1000/1200 | 132       | IC411/TEFC | MSE3   | 132LA 6 | 67                |       |
| 4                                                                    | 5   | 3000/3600 | 112       | IC411/TEFC | MSE3   | 112LA 2 | 44                |       |
|                                                                      |     | 1500/1800 | 112       | IC411/TEFC | MSE3   | 112LA 4 | 53                |       |
|                                                                      |     | 1000/1200 | 132       | IC411/TEFC | MSE3   | 132LB 6 | 75                |       |
| 5.5                                                                  | 7.3 | 3000/3600 | 132       | IC411/TEFC | MSE3   | 132LA 2 | 76                |       |
|                                                                      |     | 1500/1800 | 132       | IC411/TEFC | MSE3   | 132LA 4 | 78                |       |
| 7.5                                                                  | 10  | 3000/3600 | 132       | IC411/TEFC | MSE3   | 132LB 2 | 80                |       |
|                                                                      |     | 1500/1800 | 132       | IC411/TEFC | MSE3   | 132LB 4 | 82                |       |

► For details on IE4 and IE5 motors, please contact us.

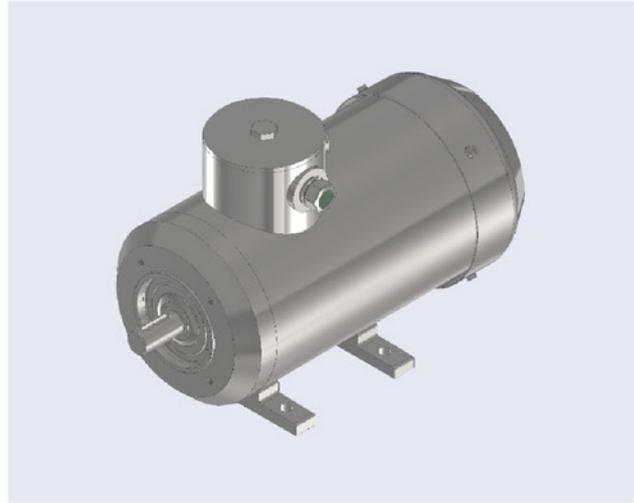
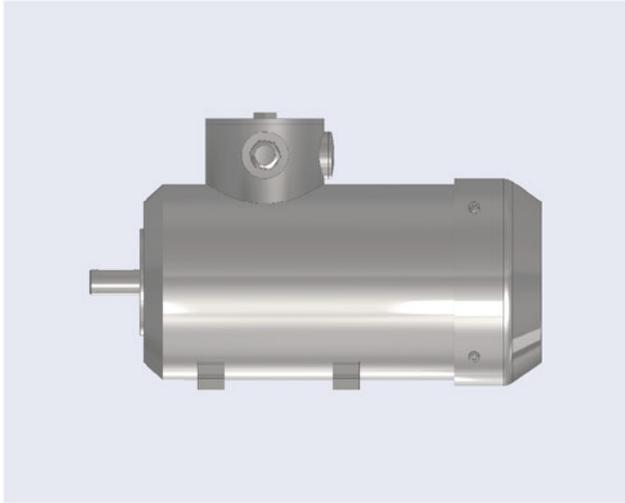
## IM B14, face mounted, footless, with terminal box, TEFC



| Power                                                          |     | RPM       | IEC Frame | Enclosure  | Model  |         | Aprx. Weight (kg) | Notes |
|----------------------------------------------------------------|-----|-----------|-----------|------------|--------|---------|-------------------|-------|
| kW                                                             | Hp  |           |           |            | Series | Type    |                   |       |
| <b>IM B14, face mounted, footless, with terminal box, TEFC</b> |     |           |           |            |        |         |                   |       |
| 0.75                                                           | 1   | 1000/1200 | 90        | IC411/TEFC | MSE3   | 90MB 6  | 26                |       |
| 1.1                                                            | 1.5 | 1500/1800 | 90        | IC411/TEFC | MSE3   | 90MA 4  | 22                |       |
|                                                                |     | 1000/1200 | 90        | IC411/TEFC | MSE3   | 90MC 6  | 31                |       |
| 1.5                                                            | 2   | 3000/3600 | 90        | IC411/TEFC | MSE3   | 90MA 2  | 23                |       |
|                                                                |     | 1500/1800 | 90        | IC411/TEFC | MSE3   | 90MB 4  | 24                |       |
|                                                                |     | 1000/1200 | 100       | IC411/TEFC | MSE3   | 100LA 6 | 47                |       |
| 2.2                                                            | 3   | 3000/3600 | 90        | IC411/TEFC | MSE3   | 90MB 2  | 28                |       |
|                                                                |     | 1500/1800 | 100       | IC411/TEFC | MSE3   | 100LA 4 | 42                |       |
|                                                                |     | 1000/1200 | 112       | IC411/TEFC | MSE3   | 112LA 6 | 45                |       |
| 3                                                              | 4   | 3000/3600 | 100       | IC411/TEFC | MSE3   | 100LA 2 | 43                |       |
|                                                                |     | 1500/1800 | 100       | IC411/TEFC | MSE3   | 100LB 4 | 51                |       |
| 4                                                              | 5   | 3000/3600 | 112       | IC411/TEFC | MSE3   | 112LA 2 | 44                |       |
|                                                                |     | 1500/1800 | 112       | IC411/TEFC | MSE3   | 112LA 4 | 53                |       |

► For details on IE4 and IE5 motors, please contact us.

## IM B34, face mounted, foot mounted, with terminal box, TEFC

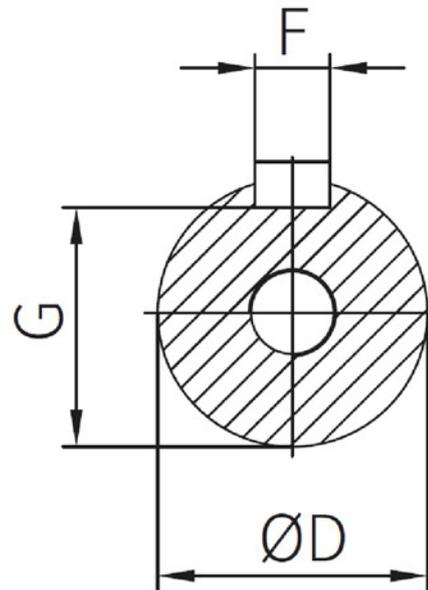


| Power                                                              |     | RPM       | IEC Frame | Enclosure  | Model  |         | Aprx. Weight (kg) | Notes |
|--------------------------------------------------------------------|-----|-----------|-----------|------------|--------|---------|-------------------|-------|
| kW                                                                 | Hp  |           |           |            | Series | Type    |                   |       |
| <b>IM B34, face mounted, foot mounted, with terminal box, TEFC</b> |     |           |           |            |        |         |                   |       |
| 0.75                                                               | 1   | 1000/1200 | 90        | IC411/TEFC | MSE3   | 90MB 6  | 26                |       |
| 1.1                                                                | 1.5 | 1500/1800 | 90        | IC411/TEFC | MSE3   | 90MA 4  | 22                |       |
|                                                                    |     | 1000/1200 | 90        | IC411/TEFC | MSE3   | 90MC 6  | 31                |       |
| 1.5                                                                | 2   | 3000/3600 | 90        | IC411/TEFC | MSE3   | 90MA 2  | 23                |       |
|                                                                    |     | 1500/1800 | 90        | IC411/TEFC | MSE3   | 90MB 4  | 24                |       |
|                                                                    |     | 1000/1200 | 100       | IC411/TEFC | MSE3   | 100LA 6 | 47                |       |
| 2.2                                                                | 3   | 3000/3600 | 90        | IC411/TEFC | MSE3   | 90MB 2  | 28                |       |
|                                                                    |     | 1500/1800 | 100       | IC411/TEFC | MSE3   | 100LA 4 | 42                |       |
|                                                                    |     | 1000/1200 | 112       | IC411/TEFC | MSE3   | 112LA 6 | 45                |       |
| 3                                                                  | 4   | 3000/3600 | 100       | IC411/TEFC | MSE3   | 100LA 2 | 43                |       |
|                                                                    |     | 1500/1800 | 100       | IC411/TEFC | MSE3   | 100LB 4 | 51                |       |
| 4                                                                  | 5   | 3000/3600 | 112       | IC411/TEFC | MSE3   | 112LA 2 | 44                |       |
|                                                                    |     | 1500/1800 | 112       | IC411/TEFC | MSE3   | 112LA 4 | 53                |       |

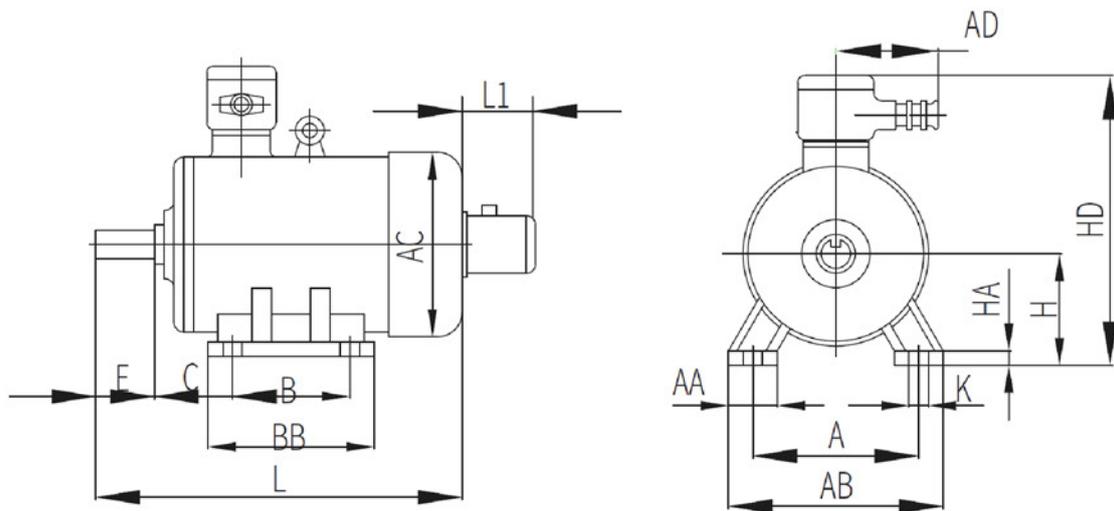
► For details on IE4 and IE5 motors, please contact us.

- Motors are stamped with kW only.
- Other types can be customized.

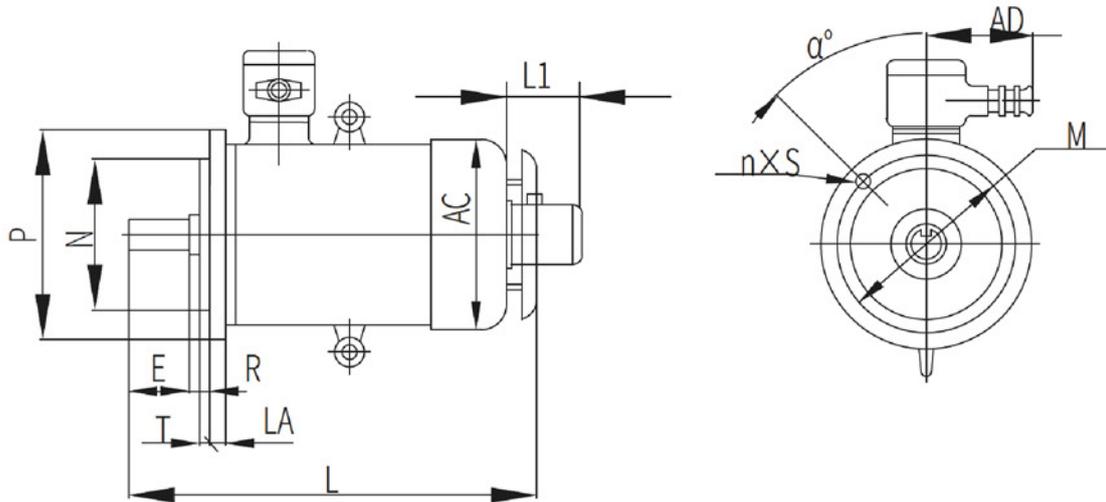
# Installation Drawing



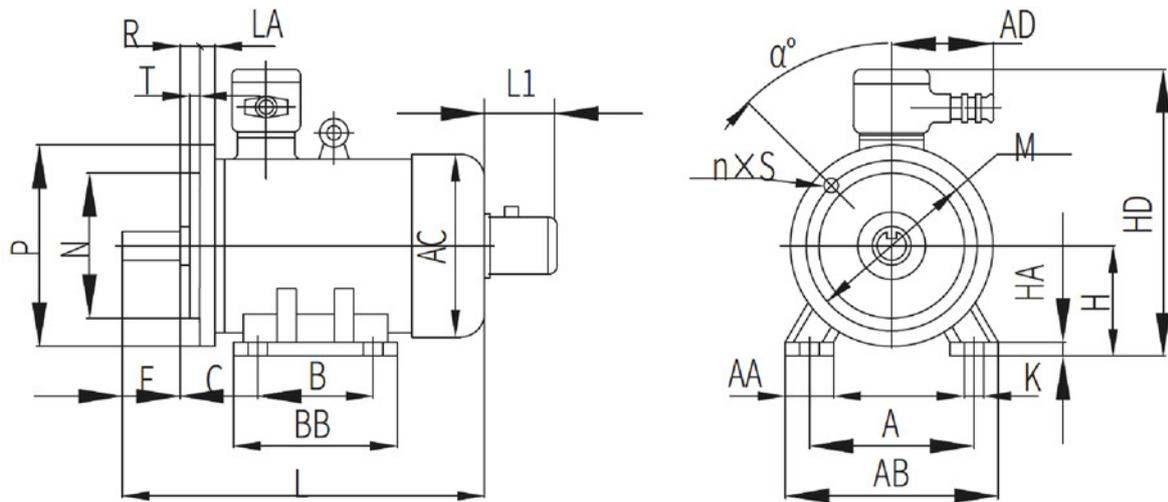
## IM B3



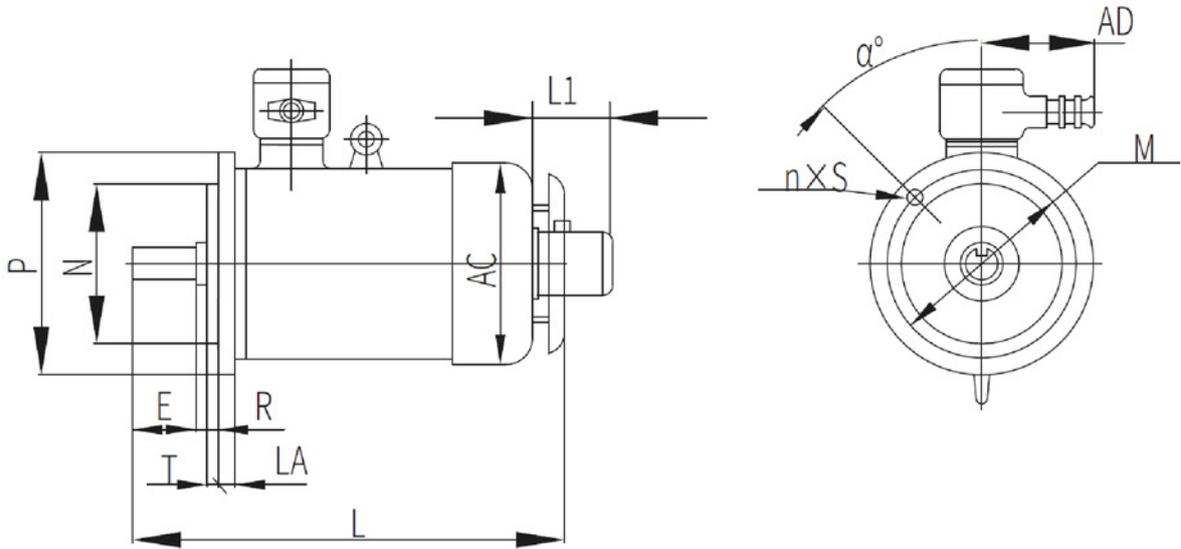
IM B5



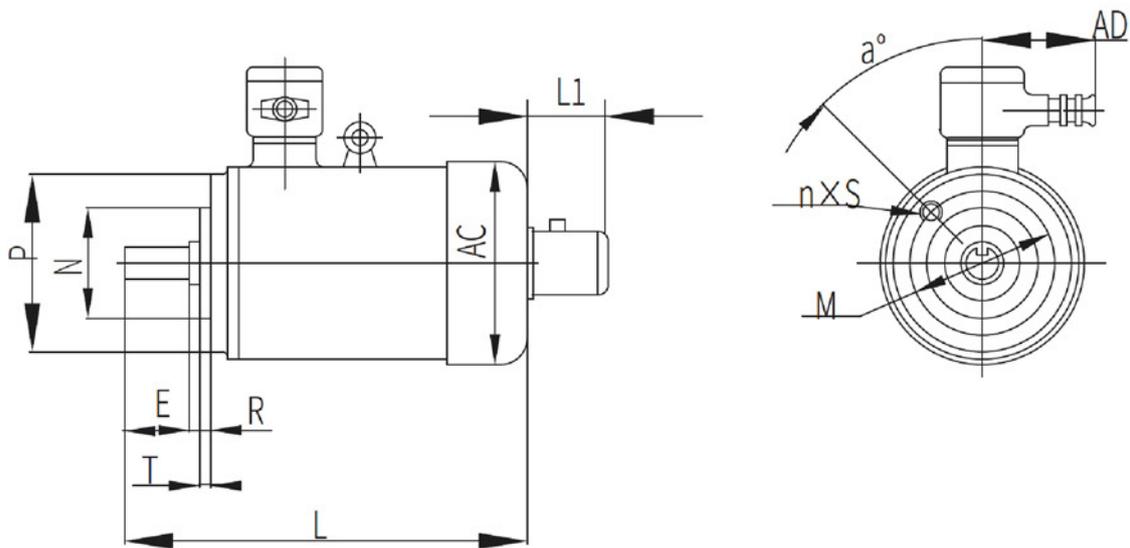
IM B35



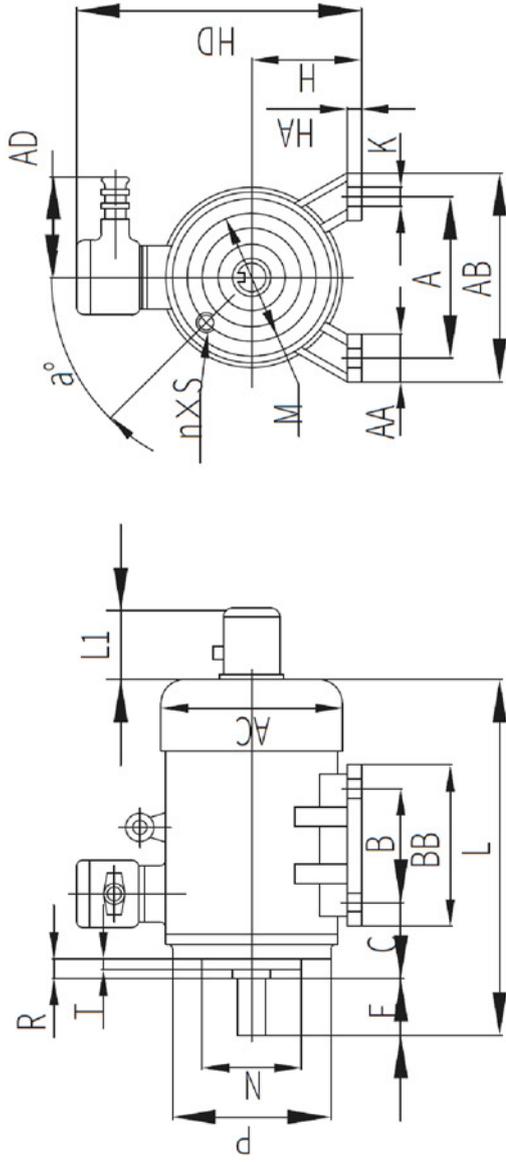
**IM V1**



**IM B14**



# IMB 34



| Flange number |                          | Mounting dimension |     |     |         |      |         |    |         |      |         |    |         |     |         |   |                  |         |         |     |         |     |         |    |         |     |
|---------------|--------------------------|--------------------|-----|-----|---------|------|---------|----|---------|------|---------|----|---------|-----|---------|---|------------------|---------|---------|-----|---------|-----|---------|----|---------|-----|
|               |                          | D                  |     |     |         |      | H       |    |         |      |         | K  |         |     |         |   | Flange dimension |         |         |     |         |     |         |    |         |     |
|               |                          | 2P ≥ 4P            |     |     | 2P ≥ 4P |      | 2P ≥ 4P |    | 2P ≥ 4P |      | 2P ≥ 4P |    | 2P ≥ 4P |     | 2P ≥ 4P |   | 2P ≥ 4P          |         | 2P ≥ 4P |     | 2P ≥ 4P |     | 2P ≥ 4P |    | 2P ≥ 4P |     |
| Frame         | IM B35<br>IM B5<br>IM V1 | IM B14<br>IM B34   | A   | B   | C       | Pole |         | E  | F       | G    | H       | K  | M       | N   | P       | R | α°               | n x S   | T       | M   | N       | P   | R       | α° | n x S   | T   |
| 71            | FF130                    | FT85               | 112 | 90  | 45      | 14   | 30      | 5  | 11      | 11   | 71      | 7  | 130     | 110 | 160     | 0 | 45               | 4 x Φ10 | 3.5     | 85  | 70      | 105 | 0       | 45 | 4 x M6  | 2.5 |
| 80            | FF165                    | FT100              | 125 | 100 | 50      | 19   | 40      | 6  | 15.5    | 15.5 | 80      | 10 | 165     | 130 | 200     | 0 | 45               | 4 x Φ12 | 3.5     | 100 | 80      | 120 | 0       | 45 | 4 x M6  | 3.0 |
| 90            | FF165                    | FT115              | 140 | 125 | 56      | 24   | 50      | 8  | 20.0    | 20.0 | 90      | 10 | 165     | 130 | 200     | 0 | 45               | 4 x Φ12 | 3.5     | 115 | 95      | 140 | 0       | 45 | 4 x M8  | 3.0 |
| 100           | FF215                    | FT130              | 160 | 140 | 63      | 28   | 60      | 8  | 24.0    | 24.0 | 100     | 12 | 215     | 180 | 250     | 0 | 45               | 4 x Φ15 | 4.0     | 130 | 110     | 160 | 0       | 45 | 4 x M8  | 3.5 |
| 112           | FF215                    | FT130              | 190 | 140 | 70      | 28   | 60      | 8  | 24.0    | 24.0 | 112     | 12 | 215     | 180 | 250     | 0 | 45               | 4 x Φ15 | 4.0     | 130 | 110     | 160 | 0       | 45 | 4 x M8  | 3.5 |
| 132           | FF265                    | -                  | 216 | 178 | 89      | 38   | 80      | 10 | 33.0    | 33.0 | 132     | 12 | 265     | 230 | 300     | 0 | 45               | 4 x Φ15 | 4.0     | -   | -       | -   | -       | -  | -       | -   |

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