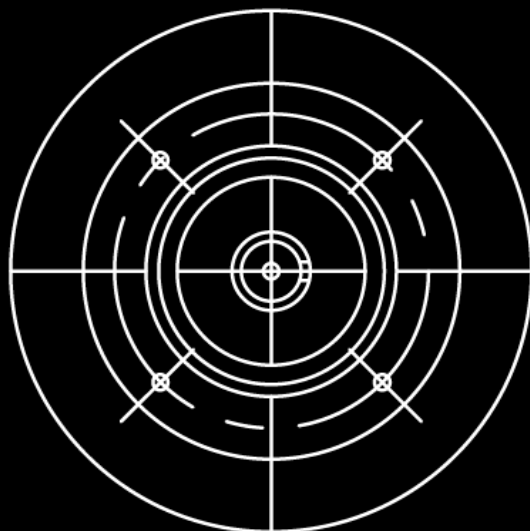
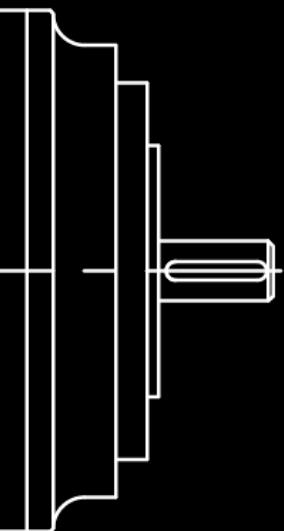




ELECTRIC MOTORS

HYGIENIC SERIES





PRODUCT RANGE



ELECTRIC MOTOR CHY

2 and 4 poles

Stainless Steel AISI 316L,

Cable gland

Efficiency IE4

From 0,12 kW to 3 kW

Size starting from 56 to 100

ELECTRIC MOTOR CHW

4 poles

Aluminium - NT Treatment

Efficiency IE4

From 0,12 kW to 1,5 kW

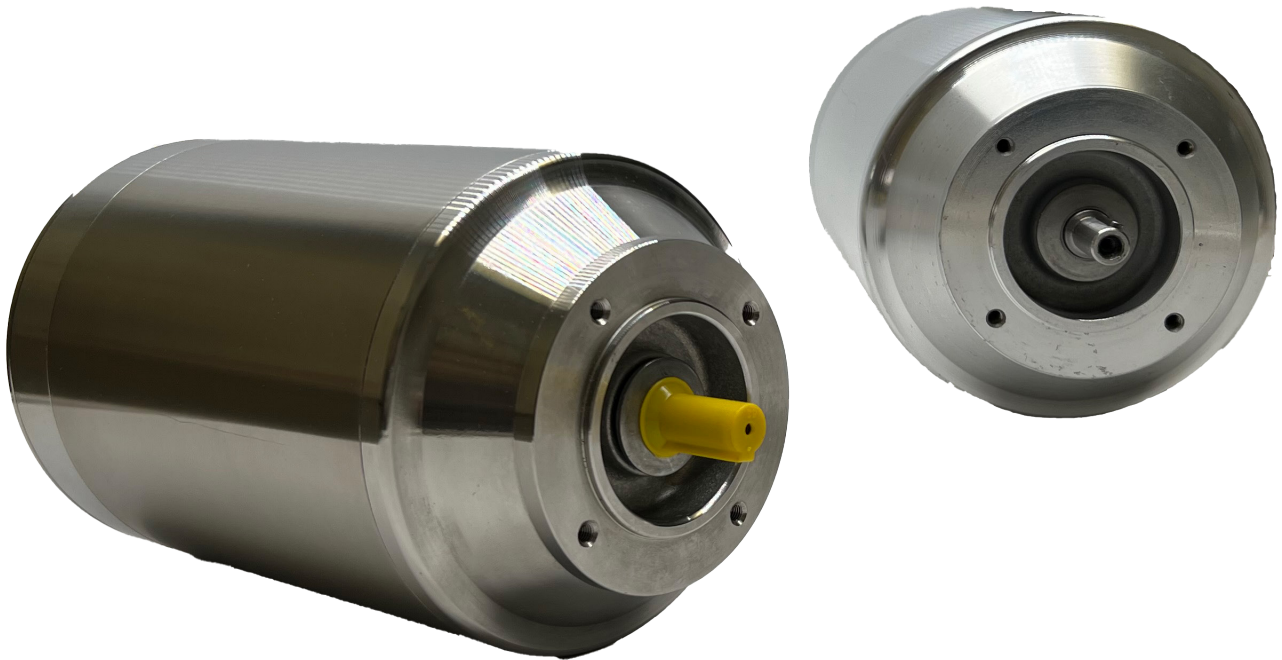
Size starting from 63 to 90



Scan to know more about
NT Treatment



PRODUCT CHARACTERISTICS



High-Quality Construction Materials: Both motors are built using high-quality materials to ensure excellent strength and long-lasting durability.

IP69K Protection: both motors are completely dustproof, can withstand washdown pressures of 80bar (1160 PSI) to 100 bar (1450PSI) in phases of 14 to 16 l/min and at temperature up to 176°F/80°C.

Closed Non-Ventilated Design (IC410 / IEC 60034-7): Both motors feature a closed non-ventilated design, providing maximum protection against dust and external contaminants, meeting the needs of applications in environments clean and aseptic.

Corrosion Resistance: Thanks to the construction in AISI 316L stainless steel (for CHY) or aluminum (for CHW) and the Hi-Cleaning coating (for CHW), both motors offer excellent corrosion resistance, ensuring reliable performance in aggressive environments.

Food Contact Certification: Both motors are certified for food contact according to UNI EN 1186/1:2003 regulations and European directives 2002/72/EC and 1935/2004/EC, ensuring maximum safety in food product handling.

IE4 Energy Efficiency: CHW and CHY motors are rated with high energy efficiency IE4, contributing to reducing operational costs and environmental impact.



ELECTRIC MOTOR CHY



4 poles, Inverter duty

Δ/Y 230/400V/50Hz

I.C.I.F - IP69K - IC410 - Service S1

Stainless Steel AISI 316L,

Cable gland

Efficiency IE4 (IEC60034-30, IEC60034-2-1)

Stainless Steel 316L Construction: CHY motors are made with high-quality materials, including AISI 316L stainless steel, which provides superior corrosion resistance and long-lasting durability.

IP69K Protection: both motors are completely dustproof, can withstand washdown pressures of 80 bar (1160 PSI) to 100 bar (1450 PSI) in phases of 14 to 16 l/min and at temperature up to 176°F/80°C.

Cooling Finless Design: The cooling finless design eliminates potential areas of dirt and bacteria accumulation, facilitating cleaning and ensuring high hygiene standards.

No Painting and Smooth Surfaces: CHY motors have no painted surfaces that could peel over time. Smooth surfaces ease waste removal and cleaning, reducing the risk of contamination.

AISI 420 Stainless Steel Shaft: The motor shaft is made of AISI 420 stainless steel with magnetic properties, ensuring greater strength and durability.

Certifications for Food and Pharmaceutical Industries: CHY motors are certified for use in food and pharmaceutical environments, ensuring maximum safety and compliance with hygiene standards.

IE4 Energy Efficiency: CHY motors are classified with high IE4 energy efficiency, contributing to reducing operational costs and environmental impact.

Compatibility with Inverters: CHY motors are suitable for use with inverters, offering precise speed control and increased flexibility in production operations.

ELECTRIC MOTOR CHW



4 poles, Inverter duty

Δ/Y 230/400V/50Hz

I.C.I.F - IP67 - IC410 - Service S1

Aluminium

Efficiency IE4 (IEC60034-30, IEC60034-2-1)



Aluminum Construction: CHW motors are built with a aluminum construction, offering excellent resistance and long-lasting durability.

NT Treatment: The innovative coating makes the surface extremely easy to clean and resistant to the most aggressive sanitizing detergents used in sanitation operations.

IP69K Protection: both motors are completely dustproof, can withstand washdown pressures of 80bar (1160 PSI) to 100 bar(1450PSI) in phases of 14 to 16 l/min and at temperature up to 176°F/80°C.

Closed Non-Ventilated Design (IC410 / IEC 60034-7): The closed non-ventilated design ensures maximum protection against dust and external contaminants, meeting the needs of ultra-hygienic clean lines.

Corrosion Resistance: Thanks to the aluminum construction and Hi-Cleaning coating, CHW motors offer excellent corrosion resistance, ensuring reliable performance even in aggressive environments.

Food Contact Certification: The NT coating is certified for food contact according to UNI EN 1186/1:2003 regulations and European directives 2002/72/EC and 1935/2004/CE, ensuring maximum safety in food product handling.

IE4 Energy Efficiency: CHW motors are classified with high IE4 energy efficiency, contributing to reducing operational costs and environmental impact.

Abrasion Testing: The NTT coating has undergone abrasion testing, ensuring the resistance and durability of the coating even after the use of sanitizing detergents.

Laser engraved specifications: All technical informations regarding the product are laser engraved into the product to avoid the creation of areas where dirt and dust can accumulate.



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