

ABOUT CROUZET MOTORS

All around the world for more than 50 years, Crouzet Motors has been providing an innovative engineering expertise, high quality service and a complete offer of standard and customized direct drives, geared motors and motion control solutions for all applications where performance is a key issue.

Crouzet Motors is a brand of InnoVista Sensors™.

www.crouzet-motors.com

With a long-term commitment to technological excellence, the engineering teams have mastered the following core technologies and know-how:

- › Electromagnetism
- › Thermal dynamics
- › Electromechanical systems
- › Electronic drives

Covering the power range 1 to 700W (1/100 to 1HP) and available with spur, worm and planetary gearboxes, plus adapted controllers, our offer is specifically designed for access control systems, pumps and valves, railway applications, electrical equipment, medical equipment and the industry.

INNOVISTA SENSORS

InnoVista Sensors™: your trusted partner of choice to face industrial challenges of today and tomorrow.

InnoVista Sensors™ is a worldwide industrial specialist of sensors, controllers and actuators for automated systems.

Through its brands, Crouzet Aerospace, Crouzet Automation, Crouzet Control, Crouzet Motors, Crouzet Switches and Systron Donner Inertial, InnoVista Sensors™ offers a wide range of reliable, efficient and customizable components dedicated to the Aerospace & Defense, Transportation and Industrial market and segments.

Thanks to the recognized expertise of its teams and a strong innovation policy, InnoVista Sensors™ brings performance enhancing solutions to its customers worldwide.

www.innovistasensors.com

Designs & Manufactures



Sensors



Controls



Actuators

For



Aerospace & Defense



Transportation



Industry

With commercial brands



AMERICAS

CANADA

InnoVista Sensors™
Tel.: +1 (800) 677 5311
Fax: +1 (619) 923 2088
americas.custserv@crouzet.com

MEXICO

InnoVista Sensors™
Tel.: +1 (800) 677 5311
Fax: +1 (800) 677 3865
americas.custserv@crouzet.com

USA

InnoVista Sensors™
Tel.: +1 (800) 677 5311
Fax: +1 (619) 923 2088
americas.custserv@crouzet.com

COUNTRIES NOT LISTED

InnoVista Sensors™
Tel.: +1 (800) 677 5311
Fax: +1 (619) 923 2088
americas.custserv@crouzet.com

EUROPE / MIDDLE EAST / AFRICA

BELGIUM

InnoVista Sensors™
Tel.: +32 (0) 2 462 07 30
Fax: +32 (0) 2 461 00 23
klantenservice@crouzet.com

FRANCE

InnoVista Sensors™
Tel.: +33 (0) 475 802 101
Fax: +33 (0) 475 828 900
relationclient@crouzet.com

GERMANY / AUSTRIA

InnoVista Sensors™
Tel.: +49 (0) 2103/980-0
Fax: +49 (0) 2103/980-222
kundenservice@crouzet.com

ITALY

InnoVista Sensors™
Tel.: +39 (02) 66 599 211
Fax: +39 (02) 66 599 218
assistenzaclienti@crouzet.com

SPAIN / PORTUGAL

InnoVista Sensors™
Tel.: +34 (93) 484 39 70
Fax: +34 (93) 484 39 73
atencionalcliente@crouzet.com

SWITZERLAND

InnoVista Sensors™
Tel.: +49 (0) 2103/980-0
Fax: +49 (0) 2103/980-222
kundenservice@crouzet.com

THE NETHERLANDS

InnoVista Sensors™
Tel.: +31 (0) 71-581 20 30
Fax: +31 (0) 71-541 35 74
klantenservice@crouzet.com

COUNTRIES NOT LISTED

InnoVista Sensors™
Tel.: +33 (0) 475 802 102
Fax: +33 (0) 475 828 900
customer.relation@crouzet.com

ASIA / PACIFIC

CHINA

InnoVista Sensors™
Tel.: +86 (21) 8025 7166
Fax: +86 (21) 6107 1771
china@crouzet.com

INDIA

InnoVista Sensors™
Tel.: +91 (80) 4113 2204/05
Fax: +91 (80) 4113 2206
india@crouzet.com

SOUTH KOREA

InnoVista Sensors™
Tel.: +82 (2) 2679 8312
Fax: +82 (2) 2679 9888
korea@crouzet.com

EAST ASIA PACIFIC

InnoVista Sensors™
Tel.: +86 (21) 8025 7177
Fax: +86 (21) 6107 1771
eap@crouzet.com

WWW.CROUZET-MOTORS.COM

MOTION CONTROL SOLUTIONS FOR ACCESS CONTROL



Ref.: 6750502EN | 03/2016 - Photos: Ginko - Majorosi - Maria Kraynova - mb lotos - PixiBadger

WWW.CROUZET-MOTORS.COM



WWW.INNOVISTASENSORS.COM



Warning:

The product information contained in this catalogue is given purely as information and does not constitute a representation, warranty or any form of contractual commitment. Crouzet Automatismes SAS and its subsidiaries reserve the right to modify their products without notice. It is imperative that we should be consulted over any particular use or application of our products and it is the responsibility of the buyer to establish, particularly through all the appropriate tests, that the product is suitable for the use or application. Under no circumstances will our warranty apply, nor shall we be held responsible for any application (such as any modification, addition, deletion, use in conjunction with other electrical or electronic components, circuits or assemblies, or any other unsuitable material or substance) which has not been expressly agreed by us prior to the sale of our products.



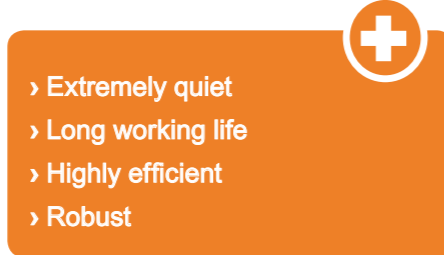
CROUZET MOTORS OFFER RELIABILITY, PERFORMANCE, SAFETY

Crouzet Motors, a brand of InnoVista Sensors™, has heavily invested in innovation and eco-design (ISO14001). Our engineering team has developed a range of electronics, motors, gearboxes and software specially dedicated to access control management.

DCmind Brush motors



- › Exceptionally quiet: ≤ 35dBA
- › 80% + efficiency
- › 5000 to 24,000 hour service life
- › UL 1004 / CE / ROHS

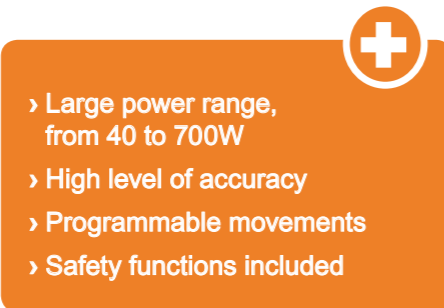


- › Extremely quiet
- › Long working life
- › Highly efficient
- › Robust

DCmind Brushless motors



- › Integrated electronics
- › CANopen available, other communication buses on demand
- › Encoder: 4096 pulses/revolution
- › Available in Hall effect version
- › Safety inputs included
- › IP65 / IP67 / IP69K



- › Large power range, from 40 to 700W
- › High level of accuracy
- › Programmable movements
- › Safety functions included

DCmind Soft: Motion control with simplified programming, for DCmind Brushless



- › Internal programs dedicated to Access Control
- › Easy programming of speed, torque and position control
- › Auto learning stops / abutments
- › HMI development on demand

Accessories & options

- › Brakes from 0.25 Nm to 1.5 Nm
- › Encoders from 1 to 1000 pulses/revolution 1 or 2 channels
- › IP65 / IP67 / IP69K



Gearboxes

- › Parallel shafts
- › Planetary
- › Worm



MOTION CONTROL SOLUTIONS FOR ACCESS CONTROL

As a market leader in motion control solutions where precision and safety are critical, Crouzet Motors offers standard and fully customized products for access control applications. These solutions are characterized by low noise operation, innovative design and sophisticated safety concepts.

INNOVATIVE PRODUCTS FOR

Passenger Access



- › Subway
- › Transport
- › Airport
- › Pedestrian

Building Access



- › Cleanroom doors
- › Sliding doors
- › Revolving doors
- › Lifts

Vehicle Access



- › Toll
- › Parking
- › Barriers
- › Automated fences

City Access



- › Bollard
- › Perimeter access
- › Traffic management

BENEFITS

Performance

Crouzet Motors offers products with the greatest accuracy and highest efficiency on the market.

Reliability

To ensure a permanent and seamless operation of your access control systems, Crouzet Motors provides robust products with long operating life, resistant to shocks and reliable even in the harshest conditions.

Safety

Safety is Priority #1 for your access system users. To avoid incidents and accidents, Crouzet Motors products offer safety sensor inputs and power supply interruption protection as well as resistance to fraud attempts.

SPECIFIC DEVELOPMENTS FOR SPECIAL PROJECTS

To meet market expectations and provide you with the right solutions within the shortest timeframes, Crouzet Motors has structured all company processes around the different types of product: standard products, adapted products or products specially developed for a customer.

MOTOR SPECIFICATIONS

- › Wide range of power choices
- › Brush DC or Brushless DC technology with integrated or external electronics

GEARBOX AND OUTPUT SHAFT

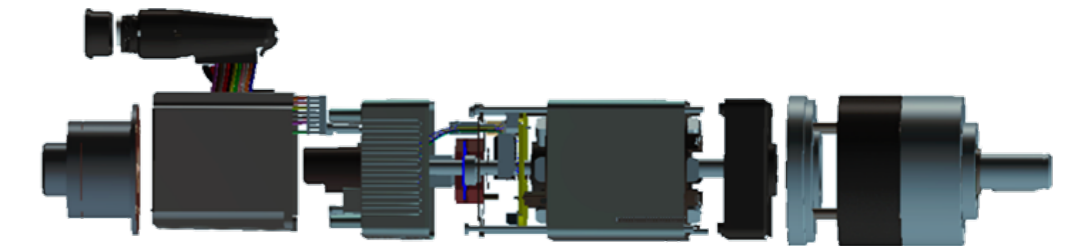
- › We can provide gearing to meet your speed, torque, backdrivability, and output shaft strength and configuration requirements, as well as environmental protection

ELECTRICAL CONNECTION

- › To save you time, trouble, expense in both logistics and assembly we can provide motors with the cabling and connectors you need already attached

ADDITIONAL OPTIONS

- › Our motors for Access Control are designed to be delivered with brakes and/or encoders meeting your application requirements



AND ALSO...



- › Limit switches
- › Microswitches
- › Manually operated switches



Limit switches



Microswitches



- › Millenium 3 Logic Controllers
- › em4 nano-PLCs



Millenium 3



em4 nano-PLC