

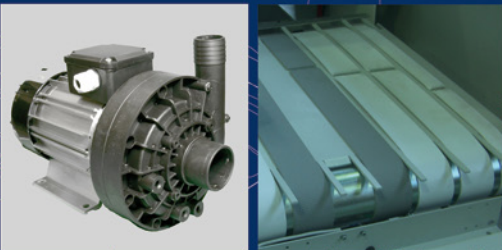
INDUSTRY RANGE



- GEAR MOTORS








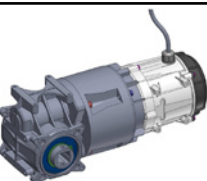

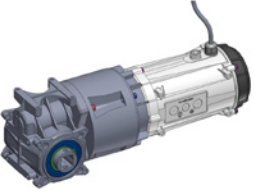


- CENTRIFUGAL PUMPS










- DRUM MOTORS

GEAR MOTORS

GEAR MOTORS		Features	Applications
Asynchronous	Type D	 Speed : 2.3 to 200 rpm Torque : 1.4 to 35 N.m Output shaft : massive Dimensions : L : 250 mm Ø : 120 mm	- Beaters - Mixers - Tablet press machines - Crimping machines - Laboratory equipment
	Type F	 Speed : 10 to 300 rpm Torque : 0.5 to 12 N.m. Output shaft : massive Dimensions : L : 155 mm Ø : 120 mm	- Edge coloring machines for leather industry - Drum agitators - Gasket cutters - Dry feeder for polymer preparations - Traps
	Type H	 Speed : 2.3 to 200 rpm Torque : 1.4 to 35 N.m Output shaft : massive Dimensions : L : 220 mm Ø : 120 mm	- Barbecue - Water treatment - Voltage set-point (transformers) - Bakery equipment - Turning tables
	Type L	 Speed : 10 to 340 rpm Torque : 1.7 to 53 N.m Output shaft : massive Dimensions : L : 210 mm Ø : 140 mm	- Baby milk pasteurization - Wrapping machines - Glass/Jewel polishing machines - Stairlifts - Coffee roasters
	Type M	 Speed : 10 to 340 rpm Torque : 1.7 to 53 N.m Output shaft : massive Dimensions : L : 200 mm Ø : 125 mm	- Automatic barriers - Peristaltic pumps - Packaging machines - Ophthalmic revolving stands - Dough mixers
	Type N	 Speed : 2,2 to 67 rpm Torque : 8.1 to 100 N.m Output shaft : massive or hollow Dimensions : L : 225 H : 200 max	- Automatic gates - Rolling machines - Laboratory kneaders - Self cleaning filters - Rack ovens
	Type P	 Speed : 6.6 to 130 rpm Torque : 28 to 170 N.m Output shaft : massive or hollow Dimensions : L : 250 mm H : 250 mm	- Automatic gates - Agitators - Winder for carpet yarns - Retractable bollards - Solar trackers
	Type MRAV	 Speed : 0.7 to 4.8 rpm Torque : 63 to 445 N.m Output shaft : massive or hollow Dimensions : Lg: 280 mm La: 115 mm H: 125 mm	- Sliding-style doors - Sliding gates - Special-purpose machines - Agitators - Rack ovens
Direct Current	Type N (DC)	 Speed : 2.7 to 37 rpm Torque : 7 to 100 N.m Output shaft : on demand Protection : IPX5 Dimensions : L : 225 mm H : 275 mm	- Folding gates - Non protruding balanced garage doors - Sliding doors - Special-purpose machines
	Type MRAH	 Speed : 1.0 to 60.8 rpm Torque : 11 to 190 N.m Output shaft : massive or hollow Protection : IPX5 Dimensions : Lg: 375 mm La: 125 mm H: 125 mm	- Sliding-style doors - Non protruding balanced garage doors - Special-purpose machines - Agitators - Rack ovens - Conveyors

NOTA : All our gear motors have an IP44 or IP55 protection, a B or F class insulation and can have an inrush current or lack of current brake (24V or 230V with diode rectifier)

CENTRIFUGAL PUMPS









PUMPS		Features	Applications
Horizontal	Type A	 <p> Q max : 8 m³/hr H max : 3 m T° : -5 to +90°C Material : PP Impeller : semi-open Dimensions : L max: 210 mm Ø : 125 mm </p>	<ul style="list-style-type: none"> - Industrial washing-machines - Sanitary waters - Denaturated alcohols - Drinks (wine, fruit juice, beer) - Chemical products (acid, soda, lime...) - Distilled waters
	Type E	 <p> Q max : 5 m³/hr H max : 8 m T° : -20 to +150°C Material : AS13 Impeller : open Dimensions : L max: 200 mm Ø : 125 mm </p>	<ul style="list-style-type: none"> - Hot oils (olive oil, ...) - Hydrogen peroxide up to 90% - Pharmaceutical products** - Hydrocarbons (kerosene, diesel, gasoline...) - Solvents (white spirit, turpentine...) - Drinks (beer, whisky, milk)
	Type H	 <p> Q max : 10 m³/hr H max : 22 m T° : -5 to +90°C Material : PP Impeller : closed Dimensions : L max : 290 mm Ø : 180 mm </p>	<ul style="list-style-type: none"> - Plating solutions (chrome) - Detergent solutions - Drinks (wine, fruit juice, beer) - Chemical products (acid*, alkaline*, alcohol...) - Salt waters - Water disinfection
	Type K	 <p> Q max : 20 m³/hr H max : 17 m T° : -5 to +90°C Material : PP Impeller : semi-open Dimensions : L max : 325 mm Ø : 180 mm </p>	<ul style="list-style-type: none"> - Food (oil, vinegar, grape juice) - Chemical (acid, alkaline, ...) - Galvanoplasty - Hospital dishwashers (dishwaters) - Water treatment - Waste waters
	PPF	 <p> Q max : 35 m³/hr H max : 19 m T° : -5 to +90°C Material : PP Impeller : closed Dimensions : La : 285 mm Lg max : 600 mm H : 370 mm Self priming up to 3.5 m max with integrated filter </p>	<ul style="list-style-type: none"> - Chlorine water - City aquariums - Fish farming - Salt waters - River waters - Swimming-pool waters
Vertical	Type F	 <p> Q max : 3.2 m³/hr H max : 5 m T° : -20 to +150°C Material : AS13 Impeller : open H immersed : 170 mm Dimensions : L : 319 mm Ø : 118 mm Dry working possible </p>	<ul style="list-style-type: none"> - Hot alimentary oils - Hydraulic oils - Printing inks - Lubricating oils - Hydrocarbons - Antifreeze, dry cleaning fluids
	Type J	 <p> Q max : 3.5 m³/hr H max : 3.3 m T° : -5 to +90°C Material : PP Impeller : semi-open H immersed : 153 mm Dimensions : L : 274 mm Ø : 118 mm Dry working possible </p>	<ul style="list-style-type: none"> - Laboratory machines - Ice generators - Photography developing baths - Dental machines - Plating solutions (chrome) - Industrial air-conditioners

NOTA : The temperature are given for information only. They can vary according to the type of fluid to be handled.



* : Consult us concerning acid and base concentrations.

** : Possibility of rilsanization.

DRUMS MOTORS

DRUM MOTORS		Features	Applications
Asynchronous	Brushless RL 57	 <p>Speed : 70 m.min⁻¹ Torque : 0.73 N.m Length : 1215 mm Protection : IPX5 Materials : steel/inox/aluminium</p>	<ul style="list-style-type: none"> - Supermarket Checkouts - Scrolling billboards - Belt conveyors - Chocolate factories - Industrial bakeries - Washing-machines - Industrial laundries - Reverse Vending Machines - Pallet conveyors - Labelling machines
	RL 72	 <p>Speed : 2.6 to 40.4 m.min⁻¹ Torque : 1 to 21.2 N.m Length : 250 to 1000 mm Protection : IPX5 Materials : steel/inox/aluminium</p>	
	RL 80	 <p>Speed : 6.8 to 11.3 m.min⁻¹ Torque : 16.5 to 27.5 N.m Length : 328 to 600 mm Protection : IPX5 Materials : steel/inox/aluminium</p>	
	RL 89	 <p>Speed : 3.6 to 21.7 m.min⁻¹ Torque : 5.6 to 31.8 N.m Length : 500 to 1500 mm Protection : IP66 Materials : steel</p>	
	RL 110	 <p>Speed : 3.1 to 46.9 m.min⁻¹ Torque : 1.1 to 17.2 N.m Length : 250 to 1000 mm Protection : IPX5 Materials : steel/aluminium</p>	
	RL 113	 <p>Speed : 5.6 to 10.9 m.min⁻¹ Torque : 30 to 42 N.m Length : 250 to 600 mm Protection : IPX5 Materials : aluminium</p>	
SPECIFIC TUBULAR MOTORIZATIONS		Features	Applications
Direct Current	MH2	 <p>Speed : 1.9 and 2.8 rpm Torque : 80 and 150 N.m Protection : IPX5 Materials : anodized aluminium</p>	<ul style="list-style-type: none"> - Pool cover motorizations - Cover motorizations - Mobile panels
	MIS	 <p>Speed : 2.8 and 4.6 rpm Torque : 200 and 300 N.m Protection : IP68 Materials : PVC especially for pools</p>	

ELECTRONIC CARDS

ELECTRONIC CARD	Features	Applications
	Multifonction integrated cards*	<ul style="list-style-type: none"> - Motor driving - Torque limiter - Rev. counter - Integrated frequency inverter - Specific development on demand
	Hall effect sensors*	

* : Cannot be sold separately.