



MOTORISED POOL COVER

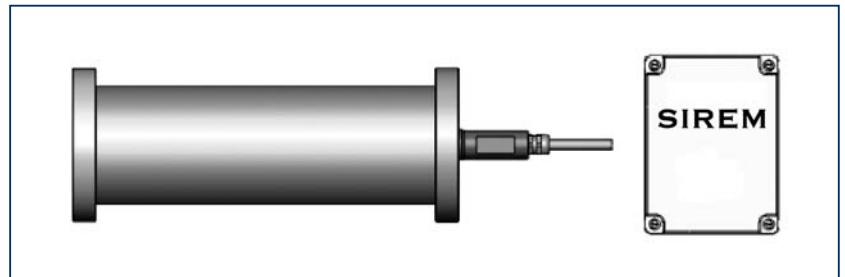


M.I.S. IMMERGED MOTORISATION

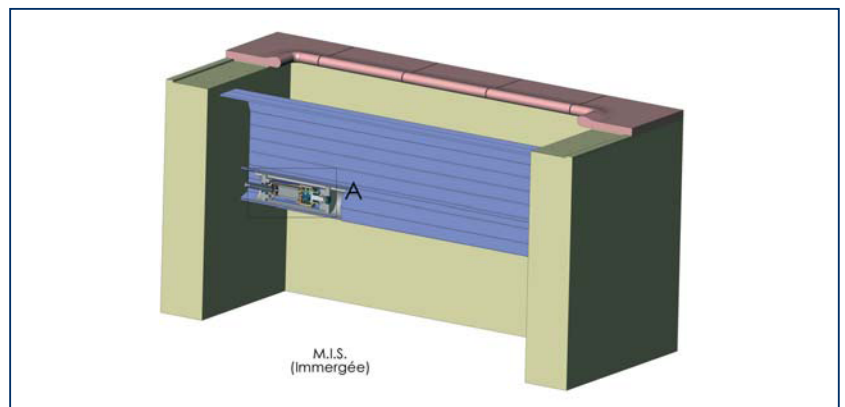
- **A SOLUTION FOR YOUR DIMENSIONS :** WE ADAPT THE FLANGES TO THE DIAMETER OF YOUR TUBES

- **A GUARANTEED SEALING :** ALL OUR MOTORS ARE TESTED TO GUARANTEE THE IP68

- **THE "INTELLIGENT" MOTOR :** SETTING IN ONLY ONE OPERATION (MEMORING OF THE LIMIT SWITCH SENSOR BY OPTIMIZING SPEED, THE DECELERATION AND THE TORQUE).



IMMERSED TUBULAR MOTORISATION IP68



2 MOTORISATIONS :
200 NM = 4.6 RPM
300 NM = 3 RPM

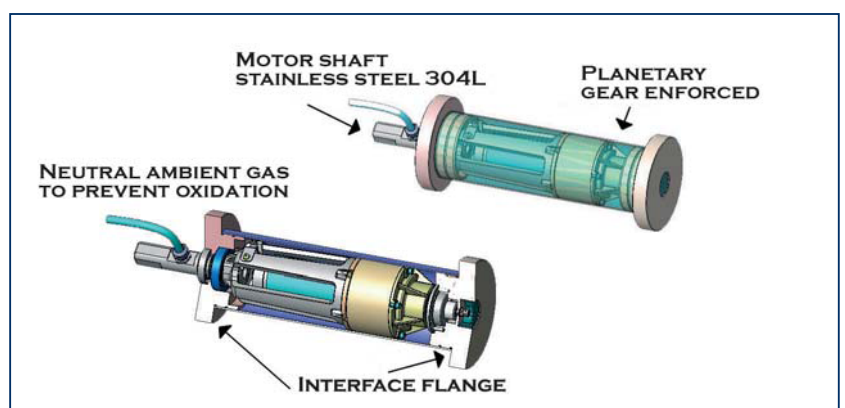
PLANETARY GEAR REINFORCED

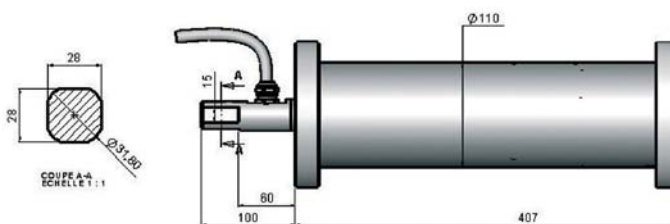
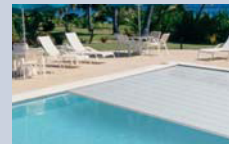
MOTOR 24VDC

MOTOR SHAFT 304L

RADIAL END CABLE

PANEL CONTROL WITH MECHANICAL RELAY AND DISPLAY INTEGRATED





Technical features	Data	Immersed motorisation	
Tubular motorisation	Gear box	1/1068 1/646	
	Input power	24 VDC (<30 V DC)	
	Consummation (A) Nominal torque	8 A 8.5A	
	Protection class	IP 68	
	Torque (Nm)	Nominal	300 200
		Maximum	400 250
		Rupture	600 500
	Speed (T/min)	Empty	3,6 5,9
		Nominal torque	2,8 4,6
	Flange	Shape & size : please ask us (Ø min 110)	
	End shaft	standard square (+ upon request)	
	Material	Cartridge housing	PVC
		End shaft	INOX 304L
	Limit switch sensor	Revolution counter	
	Break	Magnetic sensor	
	Cable	Dimension	Ø9
		Decomposition	2 X 1.5 ² / 3 X 0.75 ² sensor
		Protection level	IP68 : outside and inlet with tube.
Protection against oxidation and corrosion	Motor in neutral atmosphere		
Axial charge admissible (kg)	500 kg		
Using conditions	Frequency	6 month /an	
	Number of cycles / day	4	
	Cycle time A/R	4 to 6 minutes	
	Working temperature	+5°C à +45 °C	
Panel control	Input power	230 V 50 Hz/60 Hz single phase	
	Motor supply	24 VDC (<30 V DC)	
	Control of sensors	Teaching on the PLC	
	Material & physical security	General cut	Memorization of the position
		General protection	Fuse
	Option	Water level sensor	
	Protection class	IP55	
	Material	PVC	
Using conditions	idem motorisation		

THIS PRODUCT IS IN CONFORMITY WITH THE NFEN55014-1, NFEN 60335-1 ET NFEN 61000-6-3. ITS INTEGRATION IN A WHOLE OF MOTORIZED POOL COVER RESPECTS FRENCH STANDARD NFP 90300.



Manufacturer recommendation : circuit breaker (30mA) on the electric control panel.