

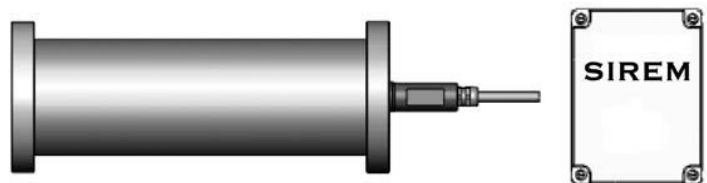


## MOTORISED POOL COVER

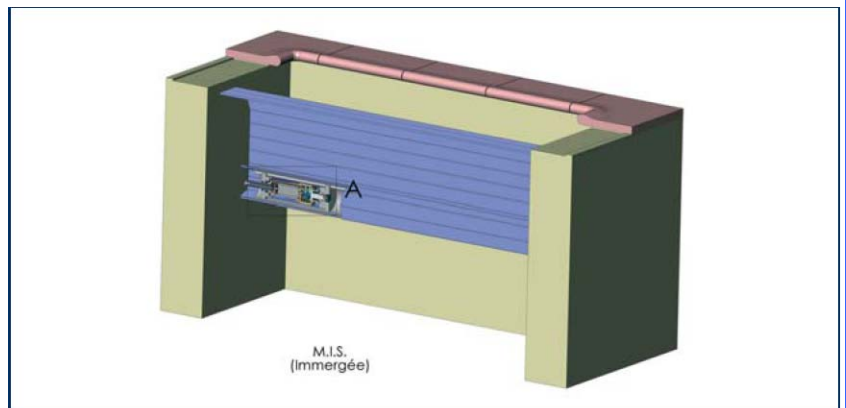


## M.I.S. TUBULAR MOTORISATION

- 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 IP 68



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

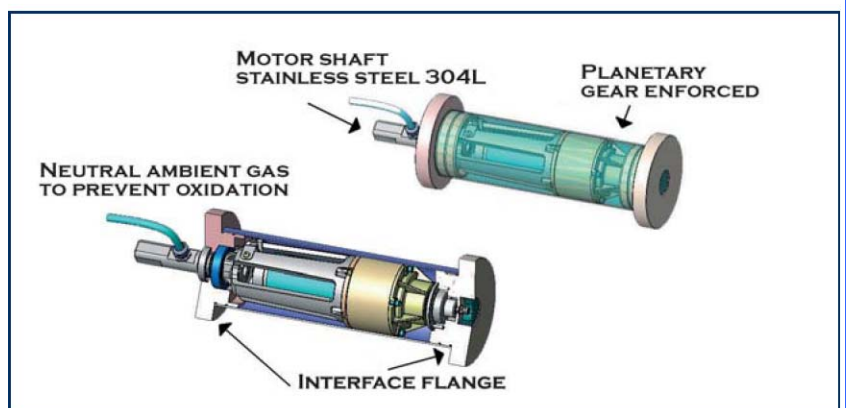
PLANETARY GEAR ENFORCED.

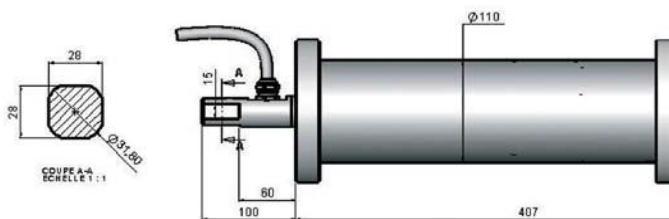
MOTOR 24VDC

MOTOR SHAFT 304L

RADIAL END CABLE

PANEL CONTROL WITH MECHANICAL RELAY AND DISPLAY INTEGRATED





Technical features	Data	Immersed motorisation		
Tubular motorisation	Gear box / Ratio	1/646	1/1068	
	Input voltage	24 VDC (<30 V DC)		
	Nominal current	8.5A	8,0 A	
	Protection class	IP 68	IP 68	
	Nominal torque	200 Nm	300 Nm	
	Maximum torque	250 Nm	400 Nm	
	Rupture torque	500 Nm	600 Nm	
	Speed	Empty	5,9 Rpm	3,6 Rpm
		Nominal torque	4,6 Rpm	2,8 Rpm
	Shaft end:		standard square (and upon request)	
	Shape of adapter flange		please ask us (Ø min 110)	
	Material	Cartridge housing	PVC	
		End shaft	INOX 304L	
	Limit switch sensor		Revolution counter	
	Break		Magnetic	
	Cable	Dimension	Ø9	
		Decomposition	2 X 1.52 / 3 X 0.752 sensor	
		Protection level	IP68 : outside and inlet with tube.	
Protection against oxidation and corrosion		Motor in neutral atmosphere		
Axial charge admissible		500 kg		
Using conditions	Frequency	6 month /an		
	Number of cycle / 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 NFEN 55014-1, NFNE 60335-1 AND NFEN 61000-6-3. ITS INTEGRATION IN A WHOLE OF MOTORIESED POOL COVER RESPECTS FRENCH STANDARD NFP 90300.**



**MANUFACTURER RECOMMENDATION: CIRQUIT BRAKER (30 mA) ON THE ELECTRIC CONTROL PANAL.**