



**MOTORIZATION FOR IMMERSED POOL COVER**  
**AUTOMATIC LIMIT SWITCH MANAGING**  
**FLANGE DIMENSIONS TAILOR-MADE**  
**IP68 WATERPROOF CLASS**

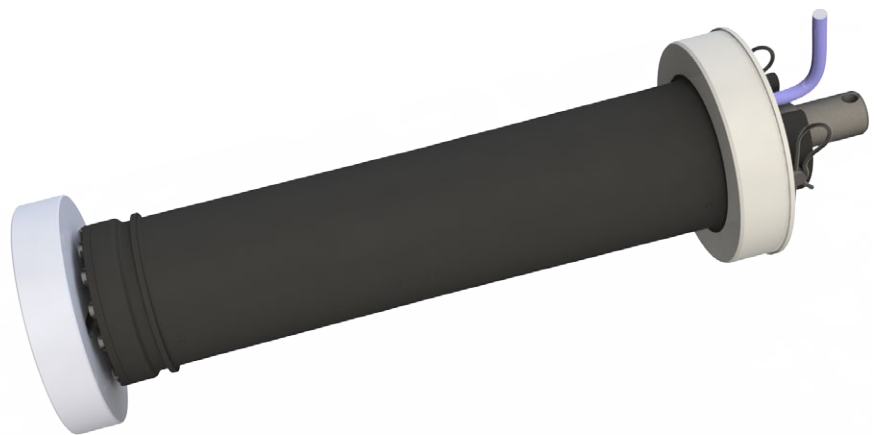
**TECHNICAL FEATURES :**

- 24 Vdc motor
- Stainless steel 316 L shaft
- Flexible cable multi-wire
- IP68 waterproofness class
- Limit switch electronic manage
- Installation until 2 meters (see the determination table)
- Possibility to adjust the speed
  
- 2 motorizations :
  - 120 Nm = 3,0 tr/min
  - 300 Nm = 5,0 tr/min

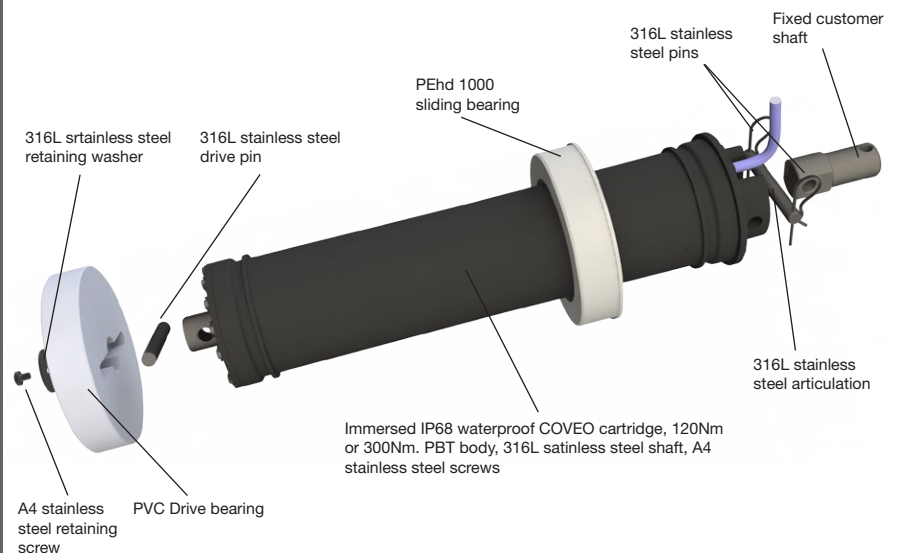
**COMPLY WITH STANDARDS :**

Attempt	Standard rules
Discharge Immunity to ESD	EN 61000-4-2
Immunity to radiated electrostatic fields, level 3	EN 61000-4-3
Immunity to fast transients (burst immunity), level 3	EN 61000-4-4
Immunity to shock waves	EN 61000-4-5
Radio frequency in common mode	EN 61000-4-6
Conducted emissions	EN 55014-1
Electrical safety	EN 60335-1

These standards comply with the French rules of the NPF 90308 standards



**MODULAR PRODUCT :**



# TECHNICAL FEATURES

Features		120 N.m motor	300 N.m motor
Reduction ratio		1/886	1/516
Input power of the power supply SIREM box		24 Vdc	24 Vdc
Consumption at max. torque ( $\pm 20\%$ )		5 A	16 A
Protection class IP		IP68*	IP68*
Service : for the automatic cover roller, max three successive cycles			
Max torque		120 N.m	300 N.m
Speed ( $\pm 20\%$ )	Off load	5,5 RPM	9,0 RPM
	at maximal torque	3,0 RPM	5,0 RPM
Motor shaft		316 L stainless steel	316 L stainless steel
Materials	Cartridge	PBT	PBT
End run sensors		2 square signals, offset by 90° One point per rev	
Magnetic brake (auto unlocking)		120N.m mini	300N.m mini
Flexible cable	Diameter	$\varnothing 9 \pm 0,5$ mm	$\varnothing 9 \pm 0,5$ mm
	Composition	2x2,5mm <sup>2</sup> + 4x0,5mm <sup>2</sup>	2x2,5mm <sup>2</sup> + 4x0,5mm <sup>2</sup>
	Waterproofing (NFC15-100)	AD8	AD8
Max. permissible load on the motorization		5.000 N (1)	
Conditions of use	Period of use	$\approx$ 6 months / year	
	Number of cycles/day	2	
	Max pool length in shaft revs	12 shaft revs (2)	15 shaft revs (2)
	Operating water T°	0°C to +40°C	

\* until 2 meters

(1) : Max covered surface : 120m<sup>2</sup>

(2) : for a cover length of 14m

(3) : for a cover length of 20m

# DIMENSIONS

