

## TECHNICAL FEATURES

Features		120 N.m motor	300 N.m motor	300+ N.m motor
Reduction ratio		1/886	1/1003	1/516
Input power of the power supply SIREM box		24 Vdc	24 Vdc	24 Vdc
Consumption at max. torque (±20%)		5 A	9 A	16 A
Protection class IP		IP68*	IP68*	IP68*
Service : for the automatic cover roller, max three successive cycles				
Max torque		120 N.m	300 N.m	300 N.m
Speed (±20%)	Off load	5,5 rpm	4,5 rpm	9,0 rpm
	at maximal torque	3,0 rpm	3,5 rpm	5,0 rpm
Motor shaft		316 L stainless steel	316 L stainless steel	316 L stainless steel
Materials	Cartridge	PBT	PBT	PBT
End run sensors		2 square signals, offset by 90° One point per rev		
Magnetic brake (auto unlocking)		120N.m mini	400N.M mini	300N.m mini
Flexible cable	Diameter	Ø9 ±0,5 mm	Ø9 ±0,5 mm	Ø9 ±0,5 mm
	Composition	2x2,5mm <sup>2</sup> + 4x0,5mm <sup>2</sup>	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	AD8
Max. permissible load on the motorization		5.000 N (1)		
Conditions of use	Period of use	≈ 6 months / year		
	Number of cycles/day	2		
	Max pool length in shaft revs	12 shaft revs (2)	15 shaft revs (3)	15 shaft revs (3)
	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