

MAPPING SWING GATE OPERATORS

OPERATOR	DOMO SWING	413 240V	413 24V	415 240V	415 24V	415 LONG	402	422	400
Leaf length (m) with electric lock	1.8m (no el. lock)	3m	3m	4m	4m	5m	3m	3m	7m
Traction and thrust force (daN)	100	250	250	300	300	300	Up to 690	Up to 690	Up to 775
Duty (1)	Light	Medium	Continuous	Medium	Continuous	Medium	Continuous	Continuous	Continuous
Use Frequency (cycles/hour)	15	30	100	30	100	30	65	65	80
Power Supply (V)	12	240	24	240	24	240/24	240	240	240
Anti-crushing Protection	electronic (virtual encoder)	electronic + (optional gatecoder)	electronic	electronic + (optional gatecoder)	electronic	electronic + (optional gatecoder)	hydraulic by-pass + electronic + (optional gatecoder)	hydraulic by-pass + electronic + (optional gatecoder)	hydraulic by-pass + electronic + (optional gatecoder)
End travel deceleration	self-learning	timed or by limit switch (mod. LS) (with n455D ctl)	timed (with 424D ctl)	timed or by limit switch (mod. LS) (with n455D ctl)	timed (with 424D ctl)	timed or by limit switch (mod. LS) (with n455D ctl)	timed or by (optional gatecoder) (with 455D ctl)	timed or by (optional gatecoder) (with 455D ctl)	timed or by (optional gatecoder) (with 455D ctl)
Rod effective stroke (mm)	280	300	300	300	300	400	240	240	260 - 380 (mod. L)
Max. opening angle	100	110	110	110	110	110	110	110	110 - 125 (mod. L)
Wind resistance (adimensional K coef.)	23	56	56	64	64	82	87 - 120	120	116 - 145
Break-in resistance (leaf length 1.8m)	700	1280	1280	1280	1280	1280	970 (2)	970 (2)	1320 (2)
Built-in mechanical stops	in opening	in open/close	in open/close	no	no	no	no	no	optional (positive stop)
Product life expectations (cycles)	50,000 (3)	200,000 (4)	200,000	200,000	200,000	200,000	1,000,000 (5)	1,000,000	1,000,000
Motor	High RPM Motor	Transmission lubricated in avio grease	Transmission lubricated in avio grease	Transmission lubricated in avio grease	Transmission lubricated in avio grease	Transmission lubricated in avio grease	Oil-bath transmission	Oil-bath transmission	Oil-bath transmission
(1) LIGHT Duty: mono-residential application (1-2 families)									
MEDIUM Duty: multi-residential application (10-30 families)									
CONTINUOUS Duty: public, commercial, industrial applications (>30 families)									
(2) IMPORTANT: the limit is established by the action of the max pressure valve, the hydraulic operators don't undergo permanent damage									
(3) about 10 years at ca. 15 cycles/day		(4) about 10 years at ca. 55 cycles/day			(5) about 10 years at ca. 280 cycles/day				