



PRODUCT DATA SHEET

NEXT-120S

Automations for swing doors



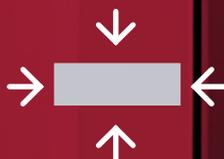
AUTOMATIC



SWING-TYPE



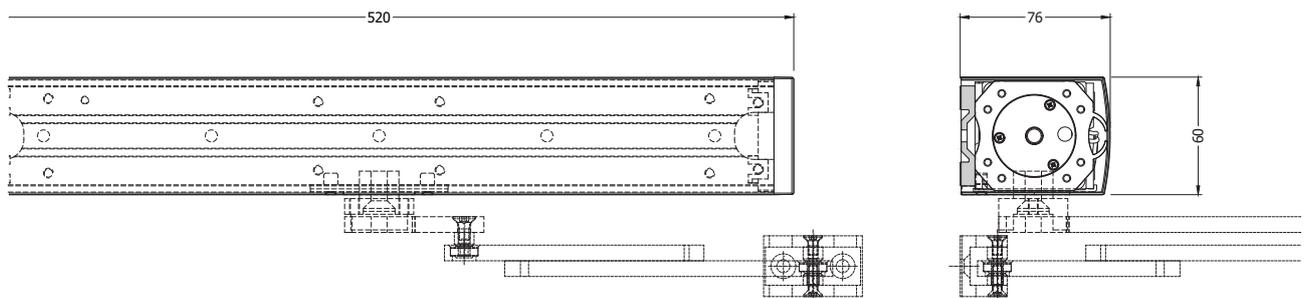
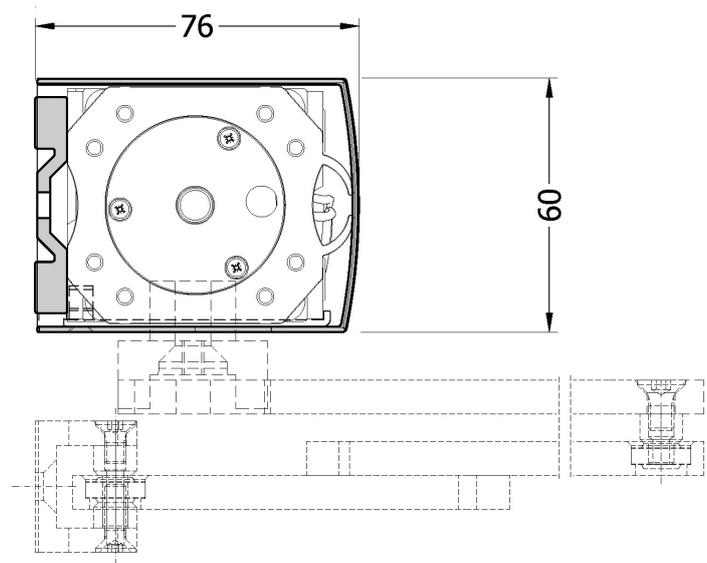
SPRING-DRIVEN
CLOSURE



COMPACT
AUTOMATION

AUTOMATION FOR SWING DOORS

- **Ultra-compact** architectural automation for swing doors.
- **Spring-driven** closure
- **Brushless motor** with encoder that reverses the motion in case of an obstacle.
- Maximum **quietness and smooth** motion.
- Maximum weight **per leaf 120 kg**.
- **NEXT 120SD** version for two-leaf doors.
- **NEXT 120SB** version with **built-in battery** for emergency opening.
- **ET-DSEL** digital selector for automation programming.
- New **LABEL TOOLS** app for door programming, which can be used with the **T-NFC** digital selector.



Automation Model	Next 120S	Next 120SD
Automation Dimensions (H x P x L)	60 x 76 x 520 mm	60 x 76 x L ¹ mm
Automation Weight	7.8 ÷ 8.0 Kg	15.6 ÷ 16.0 ² Kg
Maximum weight of leaves	120 Kg	
Maximum leaf length:	1500 mm	
Maximum opening angle	110%	
Power supply	230V~ 50Hz +/- 10%, 115V~ 60 Hz +/- 10%	
Power	40 W	
Stand-by consumption	5 W	
Motor	24 Vdc brushless with built-in encoder	
Power supply for external accessories	0.8A 24 Vdc	
Time for opening to 90°	adjustable, from 2 to 12 sec	
Closing time	adjustable, from 4 to 12 sec	
Pause time	adjustable, from 0.5 to 60 sec	
Pause time (disabled people)	adjustable, from 0.5 to 60 sec	
Operating temperature	-15° C ÷ +50° C	
Protection class	IP32	
Duty cycle	Continuous 100%	

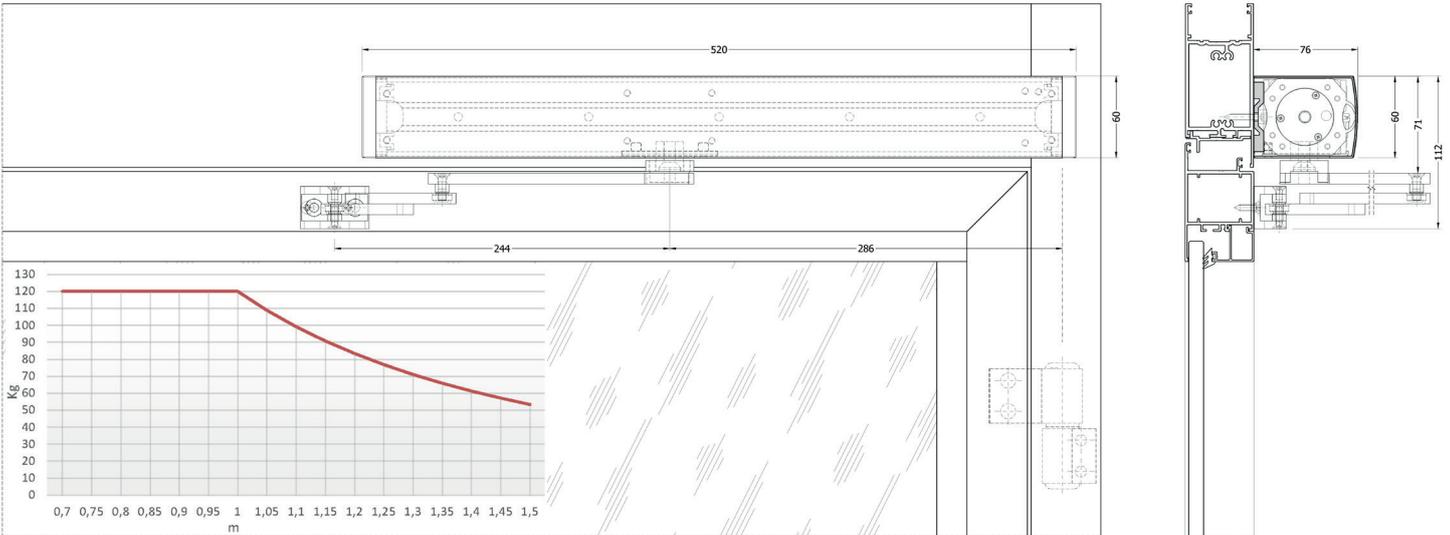
¹ Automation cut to size upon request, minimum length 1300 mm.

² Minimum weight; add 1.5 Kg for each additional metre in length.

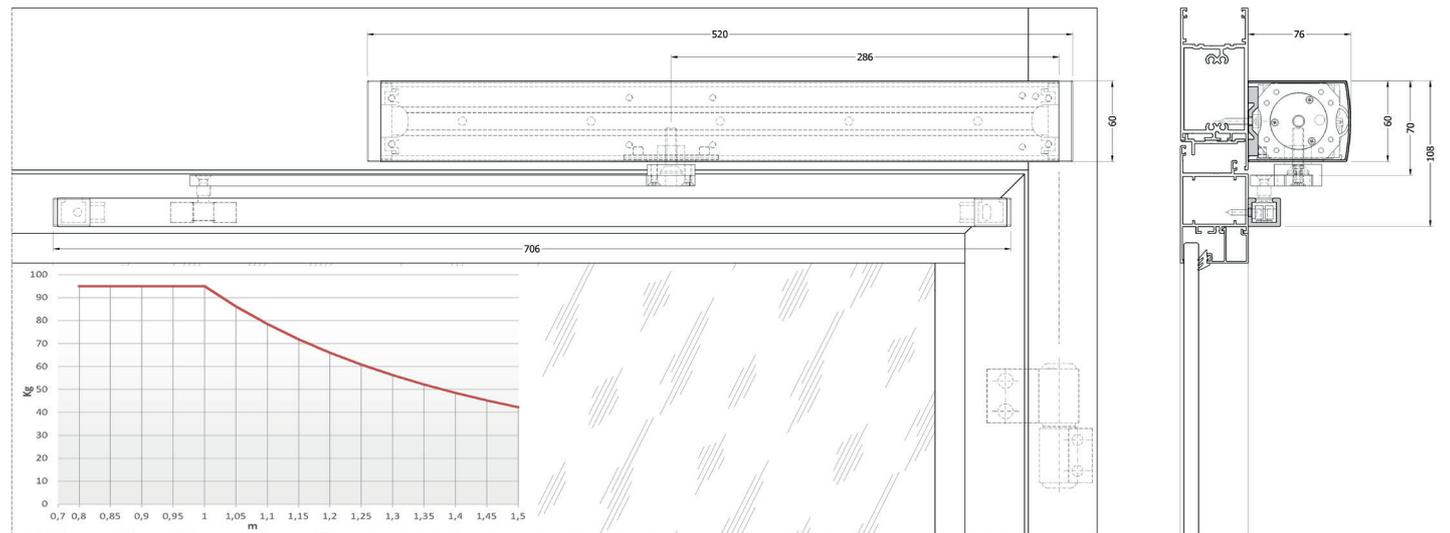
Automation for Swing Doors	Next 120S
European Directives	
MACHINE DIRECTIVE 2006/42/EC	•
ELECTROMAGNETIC COMPATIBILITY DIRECTIVE 2014/30/EU	•
LOW VOLTAGE DIRECTIVE 2014/35/EU	•
2011/65/EU (RoHS2) - 2015/863/EU (RoHS3) ³	•
European Standards	
EN 16005 Power operated pedestrian doorsets - Safety in use. Requirements and test methods.	•
EN 13849-1 Safety-related parts of control systems. Part 1: General principles for design.	•
EN 13849-2 Safety-related parts of control systems. Part 2: Validation.	•
EN 61000-6-2 Standard on EMC immunity in industrial environments.	•
EN 61000-6-3 Standard on electromagnetic emissions in residential, commercial and light industry environments.	•
EN 60335-2-103 Standard on the safety of household and similar electrical appliances, against electrical, mechanical and heat-related risks.	•
Certifications	
TUV-SUD Automation for swing door NEXT 120S: NO. G709-1	•
ANSI/CAN/UL325 Automation for swing door NEXT: File E520015	•
EAC EurAsian Conformity	•
Label S.p.A. Quality Certification UNI EN ISO 9001	

³ Directive 2011/65/EU (RoHS2), as subsequently amended by Delegated Directive 2015/863/EU (RoHS3).

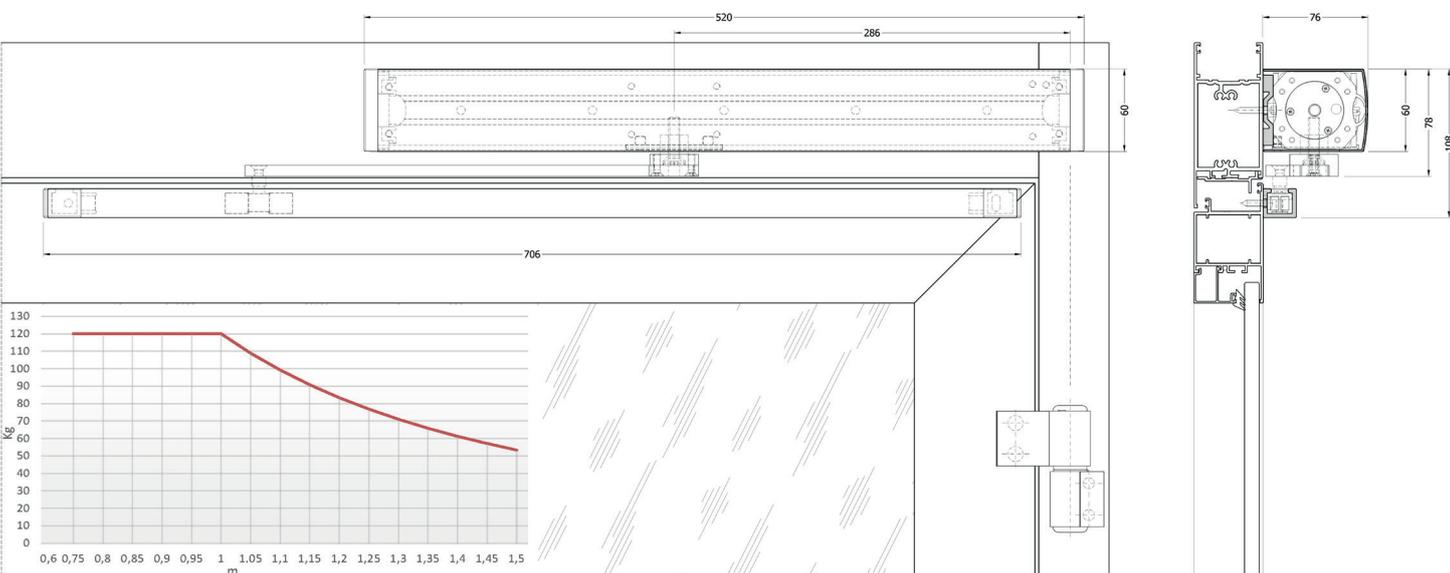
DIMENSIONS OF ARTICULATED PUSH ARM NEXT-BAS



DIMENSIONS OF SLIDE PUSH ARM NEXT-BDS



DIMENSIONS OF SLIDE PULL ARM NEXT-BDT





INNOVATION IS AN OPEN DOOR



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