

SELECTION CHARTS AND OPERATIONAL LIMITS MENTIONED IN THIS CATALOGUE

...are given for information only and vary according to each installation's characteristics (more particularly: type of slats, friction, conditions of installation, variation in power supply voltage, torque variations due to kinematics of each grille and metal curtains and to its spring strength).

The salesman's or manufacturer's responsibility cannot be called into question. Recommendations for the use of tubes require careful attention as well (see profiler's charts). Each manufacturer of grilles and metal curtains will have to test the products in order to determine his own selection charts.

For any special case, please consult us.

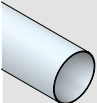
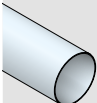
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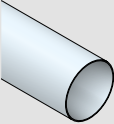
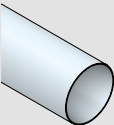
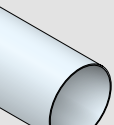
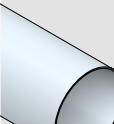
On request, we can also make for you personalized selection charts that meet the specific characteristics of your closures.

You can send your requests to service@simu.com

SIMUBOX MOTOR FOR ROLLER SHUTTER DOORS

The following chart shows a liftable curtain weight (kg) depending on the type of roller tube, the height of the door and the motor torque:

Ø OF TUBE	CURTAIN HEIGHT	SINGLE-PHASE MOTORS		THREE-PHASE MOTORS		
		180 Nm	250 Nm	220 Nm	300 Nm	430 Nm
 Ø 101.6 x 3.6 Ø 102 x 2	2 m	282 Kg	392 Kg	345 Kg	471 Kg	-
	2.5 m	275 Kg	382 Kg	336 Kg	459 Kg	-
	3 m	265 Kg	368 Kg	324 Kg	441 Kg	-
	3.5 m	258 Kg	358 Kg	315 Kg	429 Kg	-
	4 m	251 Kg	348 Kg	306 Kg	418 Kg	-
	4.5 m	244 Kg	338 Kg	298 Kg	406 Kg	-
	5 m	233 Kg	324 Kg	285 Kg	388 Kg	-
	5.5 m	222 Kg	309 Kg	272 Kg	371 Kg	-
	6 m	212 Kg	294 Kg	259 Kg	353 Kg	-
 Ø 108 x 3.6	2 m	267 Kg	370 Kg	326 Kg	444 Kg	-
	2.5 m	260 Kg	361 Kg	318 Kg	433 Kg	-
	3 m	250 Kg	347 Kg	306 Kg	417 Kg	-
	3.5 m	243 Kg	338 Kg	297 Kg	406 Kg	-
	4 m	237 Kg	329 Kg	289 Kg	394 Kg	-
	4.5 m	230 Kg	319 Kg	281 Kg	383 Kg	-
	5 m	220 Kg	306 Kg	269 Kg	367 Kg	-
	5.5 m	210 Kg	292 Kg	257 Kg	350 Kg	-
	6 m	200 Kg	278 Kg	244 Kg	333 Kg	-

Ø OF TUBE	CURTAIN HEIGHT	SINGLE-PHASE MOTORS		THREE-PHASE MOTORS		
		180 Nm	250 Nm	220 Nm	300 Nm	430 Nm
 Ø 127 x 3.25	2 m	227 Kg	315 Kg	277 Kg	378 Kg	542 Kg
	2.5 m	221 Kg	307 Kg	270 Kg	369 Kg	528 Kg
	3 m	213 Kg	295 Kg	260 Kg	354 Kg	508 Kg
	3.5 m	207 Kg	287 Kg	253 Kg	345 Kg	494 Kg
	4 m	201 Kg	280 Kg	246 Kg	335 Kg	481 Kg
	4.5 m	196 Kg	272 Kg	239 Kg	326 Kg	467 Kg
	5 m	187 Kg	260 Kg	229 Kg	312 Kg	447 Kg
	5.5 m	179 Kg	248 Kg	218 Kg	298 Kg	427 Kg
	6 m	170 Kg	236 Kg	208 Kg	283 Kg	406 Kg
 Ø 133 x 2.5 Ø 133 x 4	2 m	217 Kg	301 Kg	265 Kg	361 Kg	517 Kg
	2.5 m	211 Kg	293 Kg	258 Kg	352 Kg	504 Kg
	3 m	203 Kg	282 Kg	248 Kg	338 Kg	485 Kg
	3.5 m	198 Kg	274 Kg	242 Kg	329 Kg	472 Kg
	4 m	192 Kg	267 Kg	235 Kg	320 Kg	459 Kg
	4.5 m	187 Kg	259 Kg	228 Kg	311 Kg	446 Kg
	5 m	179 Kg	248 Kg	218 Kg	298 Kg	427 Kg
	5.5 m	171 Kg	237 Kg	208 Kg	284 Kg	407 Kg
	6 m	162 Kg	226 Kg	198 Kg	271 Kg	388 Kg
 Ø 159 x 3.5 Ø 159 x 4.5	2 m	181 Kg	252 Kg	221 Kg	309 Kg	433 Kg
	2.5 m	177 Kg	245 Kg	216 Kg	294 Kg	422 Kg
	3 m	170 Kg	236 Kg	208 Kg	283 Kg	406 Kg
	3.5 m	165 Kg	230 Kg	202 Kg	275 Kg	395 Kg
	4 m	161 Kg	223 Kg	196 Kg	268 Kg	384 Kg
	4.5 m	156 Kg	217 Kg	191 Kg	260 Kg	373 Kg
	5 m	149 Kg	208 Kg	183 Kg	249 Kg	357 Kg
	5.5 m	143 Kg	198 Kg	174 Kg	238 Kg	341 Kg
	6 m	136 Kg	189 Kg	166 Kg	226 Kg	325 Kg
 Ø 168 x 3.5 Ø 168 x 4.5	2 m	171 Kg	238 Kg	210 Kg	286 Kg	410 Kg
	2.5 m	167 Kg	232 Kg	204 Kg	279 Kg	399 Kg
	3 m	161 Kg	223 Kg	196 Kg	268 Kg	384 Kg
	3.5 m	156 Kg	217 Kg	191 Kg	261 Kg	374 Kg
	4 m	152 Kg	211 Kg	186 Kg	254 Kg	363 Kg
	4.5 m	148 Kg	205 Kg	181 Kg	246 Kg	353 Kg
	5 m	141 Kg	196 Kg	173 Kg	236 Kg	338 Kg
	5.5 m	135 Kg	188 Kg	165 Kg	225 Kg	323 Kg
	6 m	129 Kg	179 Kg	157 Kg	214 Kg	307 Kg

Ø OF TUBE	CURTAIN HEIGHT	SINGLE-PHASE MOTORS		THREE-PHASE MOTORS		
		180 Nm	250 Nm	220 Nm	300 Nm	430 Nm
 Ø 193.7 x 5.4	2 m	-	-	-	-	355 Kg
	2.5 m	-	-	-	-	346 Kg
	3 m	-	-	-	-	333 Kg
	3.5 m	-	-	-	-	324 Kg
	4 m	-	-	-	-	315 Kg
	4.5 m	-	-	-	-	306 Kg
	5 m	-	-	-	-	293 Kg
	5.5 m	-	-	-	-	280 Kg
	6 m	-	-	-	-	266 Kg

SIMUBOX SI

MOTOR SELECTION CHARTS

SIMUBOX SI MOTOR FOR ROLLER SHUTTER DOORS

The following chart shows a liftable curtain weight (kg) depending on the type of roller tube and the motor torque:

Ø OF TUBE	SIMUBOX SI 250.15	SIMUBOX SI 400.15	SIMUBOX SI 550.15	SIMUBOX SI 750.15	SIMUBOX SI 1000.10
	250 Nm	400 Nm	550 Nm	750 Nm	1000 Nm
Ø 108 x 3.6	312 Kg	500 Kg	-	-	-
Ø 133 x 4	261 Kg	418 Kg	-	-	-
Ø 159 x 4.5	223 Kg	357 Kg	491 Kg	670 Kg	-
Ø 177.8 x 5	202 Kg	323 Kg	444 Kg	606 Kg	808 Kg
Ø 193.7 x 5.4	187 Kg	299 Kg	411 Kg	561 Kg	748 Kg
Ø 219.1 x 5.9	-	266 Kg	368 Kg	501 Kg	669 Kg