

ROLLING SHUTTER AUTOMATION SYSTEMS



MOSEK®

ROLLING SHUTTER AUTOMATION SYSTEMS

Tubular motors are long life roll-up system motors and designed to resist to tough working conditions.

All motors are tested both in preproduction and after production in part basis and finished products in terms of below parameters;

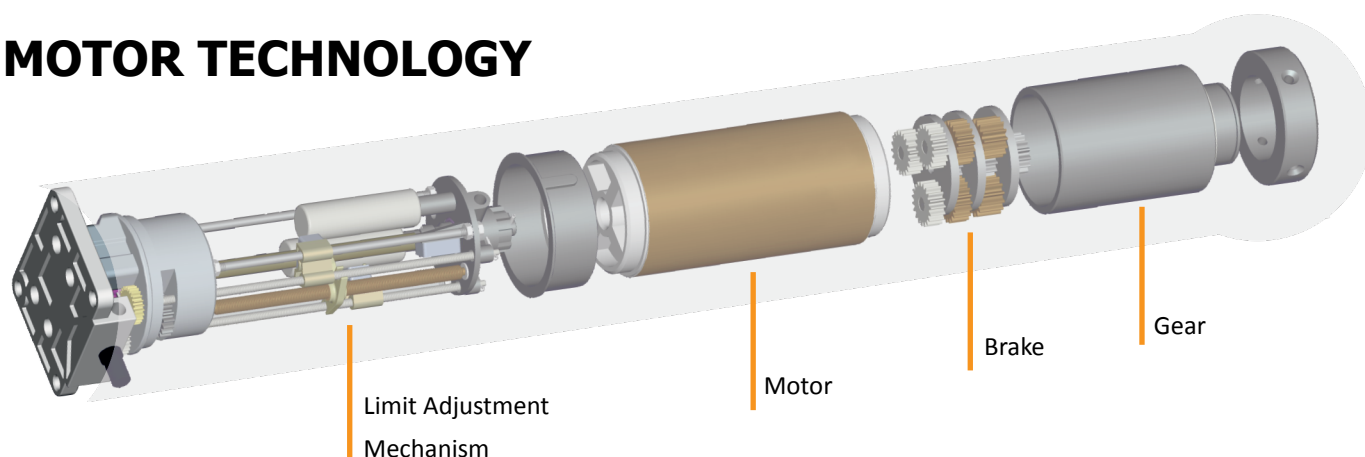
The quality and the life of raw material, low and high voltage, electrostatic loading, motor noise, thermic and limit switch tests

Therefore 360 degree quality control is provided.

- Protection ranking standard index is IP44
- Thanks to special sound isolation technology, max. motor noise level is 45dB
- All products have CE and TUV certifications



MOTOR TECHNOLOGY



Provides solution for the narrow spaces due to the motor's 40 cm length



TUBULAR MOTORS WITHOUT GEAR

Series	Newton	Motor Length	Tube Diameter	Idle Speed	Working Voltage	Working Frequency	Idle Power	Current	Max. Working Duration	Protection
	(N)	L(mm)	(mm)	(rpm)	(Vac)	(Hz)	(W)	(A)	(minute)	
40	10	465	35	15	230	50	115	0,52	4	IP 44
60	10	400	45	12	230	50	118	0,55	4	IP 44
	30	520	45	15	230	50	180	1	4	IP 44
	50	545	45	12	230	50	230	1,15	4	IP 44
70	100	675	59	12	230	50	280	1,28	4	IP 44
	120	675	59	9	230	50	285	1,3	4	IP 44
	140	675	59	6	230	50	295	1,21	4	IP 44

ROLLING SHUTTER AUTOMATION SYSTEMS



- Motors with gear are equipped with a gear lever that steps in automatically without needing any external intervention. That means easy usage in case of black out
- Give esthetic solutions due to optimized motor body lengths
- Provide easy installation due to its easy adjustable mechanic limit switch systems

MOTORS WITH GEAR

Series	Newton	Motor Length	Tube Diameter	Idle Speed	Working Voltage	Working Frequency	Idle Power	Current	Max. Working Duration	Protection
	(N)	L(mm)	(mm)	(rpm)	(Vac)	(Hz)	(W)	(A)	(minute)	
60	50	560	45	12	230	50	230	115	4	IP 44
70	100	675	59	12	230	50	280	128	4	IP 44
	120	675	59	9	230	50	285	13	4	IP 44
	10	675	59	6	230	50	295	121	4	IP 44
102	180	630	92	12	230	50	626	2,8	4	IP 44
	230	630	92	12	230	50	830	3,8	4	IP 44
	300	680	92	9	230	50	920	4,2	4	IP 44
	330	680	92	9	230	50	980	4,5	4	IP 44

- One of the fastest opening motors among rolling system automation motor types
- Manual opening function is easier than other motor types due to spring loaded system in these type motor applications
- Easier to switch to manual mode due to special releasing lever



CENTRAL MOTORS

Series	Newton	Motor Length	Tube Diameter	Idle Speed	Working Voltage	Working Frequency	Idle Power	Current	Max. Working Duration	Protection
	(N)	L(mm)	(mm)	(rpm)	(Vac)	(Hz)	(W)	(A)	(minute)	
40	10	465	35	15	230	50	115	0,52	4	IP 44

ROLLING SHUTTER AUTOMATION SYSTEMS

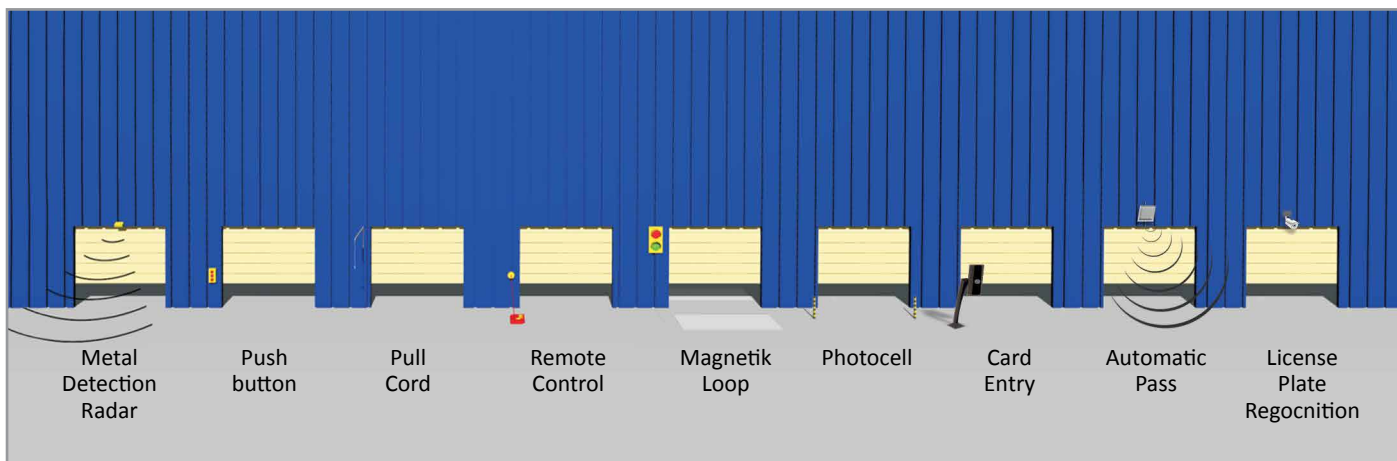


- Mainly preferred for big sized and heavy rolling shutter systems due to its durable mechanic structure and high lifting capacity
- Easy and fast manual usage due to releasing system despite heavy weight
- Safe working due to integrated safety system

CHAIN DRIVEN MOTORS

Motor Types	Torque	Speed	Shaft Diameter	Voltage	Frequency	Input Power	Max. Lifting Height	Max. Lifting Capacity						
	(N.m)	(rpm)	(mm)	(V)	(Hz)	(W)		h(3 m)	h(3.5 m)	h(4 m)	h(4.5 m)	h(5 m)	h(5.5 m)	h(6 m)
SEL-600	412	4.8	140	220	50-60	370	6	577	548	521	495	470	446	424
SEL-800	647	3.94	165	220	50-60	460	7	906	861	817	777	738	701	666
SEL-1000	809	3.42	165	220	50-60	460	6	1133	1076	1022	971	923	876	833
SEL-1300-3p	1401	4.4	219	380	50-60	600	9	1961	1863	1770	1682	1598	1518	1442
SEL-1500-3p	1671	5.2	219	380	50-60	600	12	2339	2222	2111	2006	1905	1810	1720
SEL-2000-3p	2450	3.6	245	380	50-60	750	12	3430	3259	3096	2941	2794	2654	2521

ACCESS CONTROL ALTERNATIVES



MOSEL®

CE EAC

For information