



ELEVATE YOUR
Lifestyle

올리다 당신의
라이프스타일

KOREAN Design with EUROPEON Certification | 유럽인증을 받은 한국 디자인

European Certification: **EN 81 - 50:2020 5.7 & 5.8**

European Certification: **EN 81 - 20:2020 5.6.6, 5.6.7 & 5.9.2.2.**

European Directive 2014/33/EU with CE Marked CE 1128



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엘리베이터 기술 및 기타 다양한 시장의 리더로서 우리는 지속적이고 비용 효율적인 고품질 솔루션을 제공하는 데 자부심을 갖고 있습니다. K2Kone에서는 전통과 혁신을 결합하여 신뢰할 수 있는 서비스와 탁월한 결과로 귀하의 비전을 현실로 바꿔드립니다.

함께 특별한 것을 만들어 봅시다!

We're not just another business—we're a dedicated team, working tirelessly to deliver solutions tailored to your unique needs.

Specializing in custom elevator solutions, we handle everything from machine room less to overhead traction systems. With cutting-edge designs and global expertise from European, U.S., Korean, and Chinese centers, we ensure flexible and innovative solutions for new projects and modernizations.

As leaders in elevator technology and various other markets, we pride ourselves on delivering high-quality, cost-effective solutions that last. At K2Kone, we blend tradition with innovation, turning your vision into reality with dependable service and exceptional results.

Let's create something extraordinary together!

Our Mission

"At K2 Kone, our mission is to transform vertical transportation by delivering lift systems that prioritize safety, efficiency, and innovation. Leveraging cutting-edge Korean technology, with European Certification: EN 81 - 50:2020 5.7 & 5.8, European Certification: EN 81 - 20:2020 5.6.6, 5.6.7 & 5.9.2.2. European directive 2014/33/EC with CE Marked CE 1128 we are dedicated to designing and manufacturing state-of-the-art elevators that ensure the highest standards of safety and reliability. Our commitment to rigorous safety protocols, combined with exceptional performance and customer satisfaction, drives us to exceed industry expectations and create lift solutions that contribute to safer, smarter, and more accessible environments worldwide."

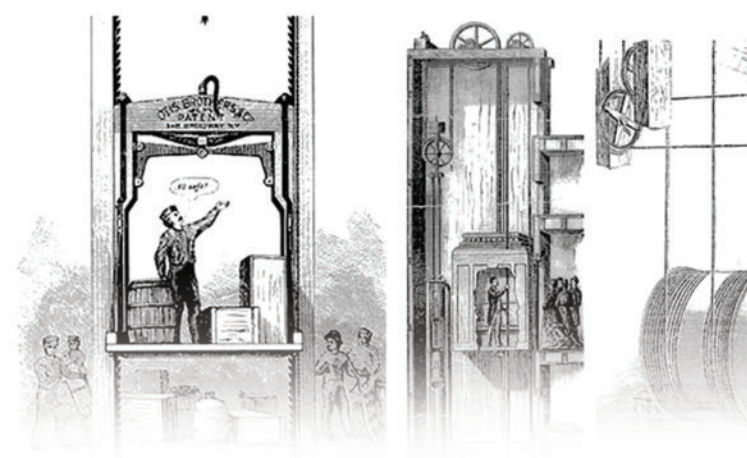
Key Components of This Mission Statement:

1. Transform Vertical Transportation: Highlights the company's goal of leading industry innovation.

2. Prioritize Safety, Efficiency, and Innovation: Emphasizes the core values of the company.

3. Cutting-Edge Korean Technology: Underlines the use of advanced technology from Korea.

4. Designing and Manufacturing State-of-the-Art Elevators: Specifies the company's focus on high-quality lift systems of Korean Design.



5. Highest Standards of Safety and Reliability: Ensures that safety is a primary concern. European Certification: EN 81 - 50:2020 5.7 & 5.8, European Certification: EN 81 - 20:2020 5.6.6, 5.6.7 & 5.9.2.2. European directive 2014/33/EC with CE Marked CE 1128.

6. Rigorous Safety Protocols: Shows a commitment to detailed and stringent safety measures.

7. Exceptional Performance and Customer Satisfaction: Reflects dedication to high performance and meeting customer needs.

8. Safer, Smarter, and More Accessible Environments: Indicates the broader impact of the company's products on building environments.



GEARLESS MACHINES

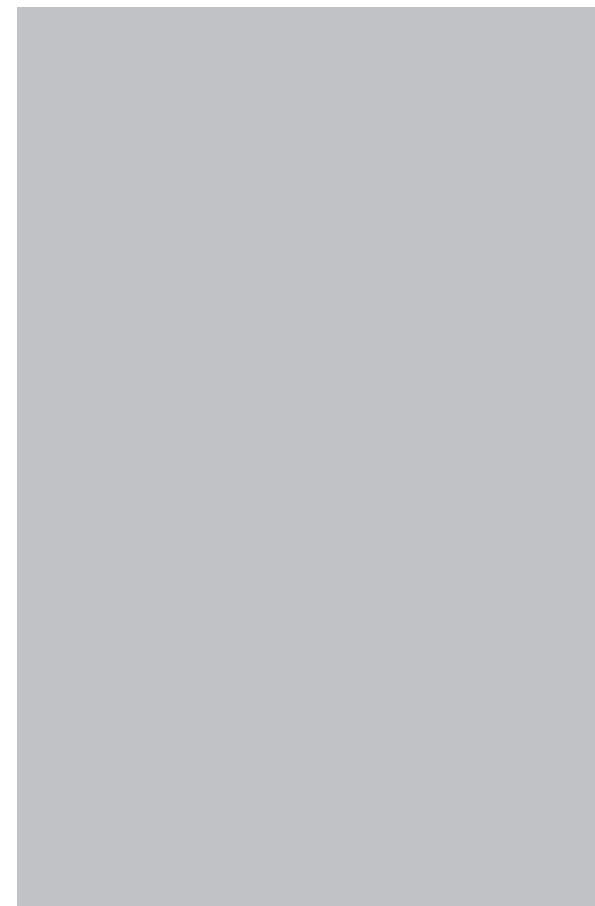
기어리스 기계

KOREAN Design with EUROPEON Certification | 유럽인증을 받은 한국 디자인

European Certification: **EN 81 - 50:2020 5.7 & 5.8**

European Certification: **EN 81 - 20:2020 5.6.6, 5.6.7 & 5.9.2.2.**

European Directive 2014/33/EU with CE Marked CE 1128



GEARLESS MACHINE

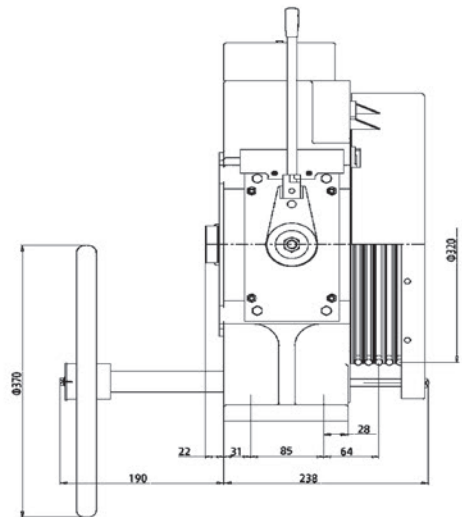
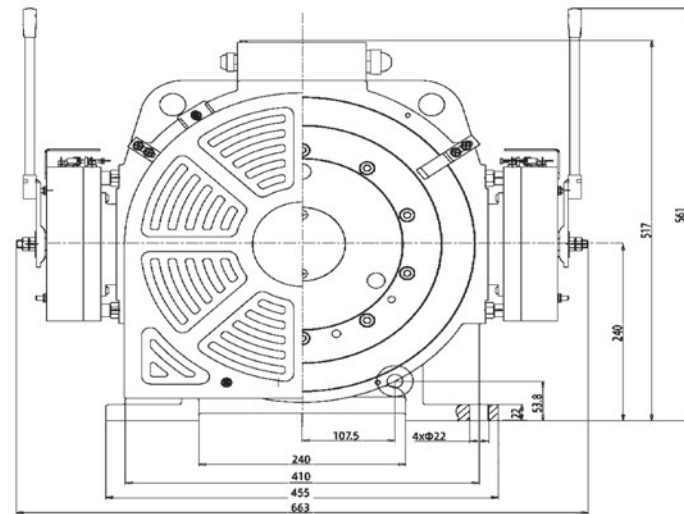
A lift with a gearless machine is quite special for several reasons:

- 1. Smooth Operation:** Gearless machines use a direct drive system, which means there are no gears involved in the operation. This results in a smoother and quieter ride compared to traditional geared elevators.
- 2. Energy Efficiency:** Gearless systems are typically more energy-efficient. They use less power because they eliminate the mechanical losses that occur with gears. This can translate into lower operating costs and a smaller environmental footprint.
- 3. Reduced Maintenance:** With fewer moving parts and no gears to wear out, gearless machines generally require less maintenance. This can lead to lower maintenance costs and reduced downtime, making them a choice for modern high-rise and commercial buildings.
- 4. High-Speed Capability:** Gearless machines are capable of operating at higher speeds compared to geared systems. This makes them well-suited for high-rise buildings where rapid elevator travel is essential.
- 5. Space Efficiency:** Because gearless machines are more compact than traditional geared systems, they take up less space. This can be particularly beneficial in buildings where space is at a premium.
- 6. Longer Lifespan:** Gearless machines tend to have a longer lifespan due to the reduced wear and tear on components. This makes them a reliable choice for elevators that see heavy use.
- 8. Safer, Smarter, and More Accessible Environments:** Indicates the broader impact of the company's products on building environments.

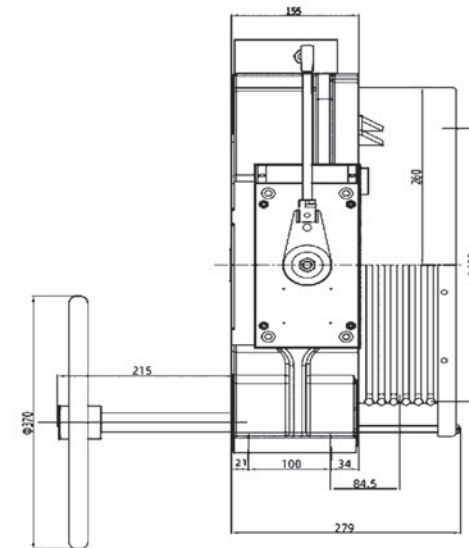
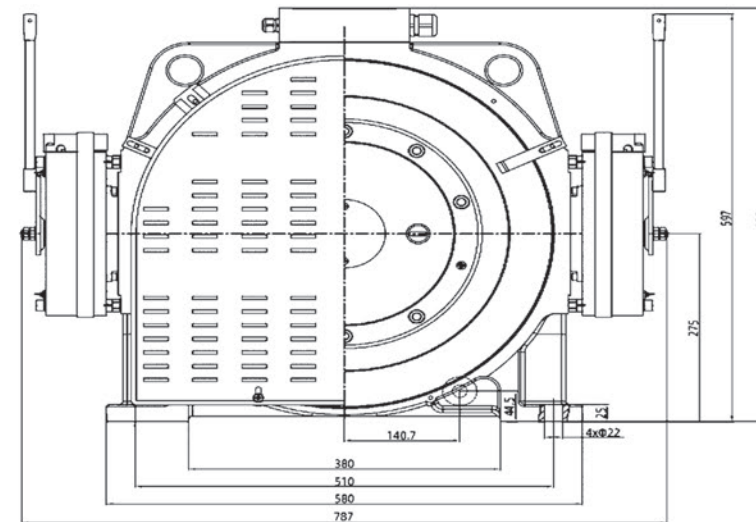


Overall, gearless lift machines offer a blend of fully safety efficiency, reliability, and performance that makes them a popular choice for modern high-rise and commercial buildings

φ 320, 300kg - 600kg



Machine Type	K2K-GL-2
SSL	2800kg
Poles	32
Starts Per Hour	240
Brake Type	MEKB
Insulation Class	F
Enclosure Class	IP40
Rating	S5-4%

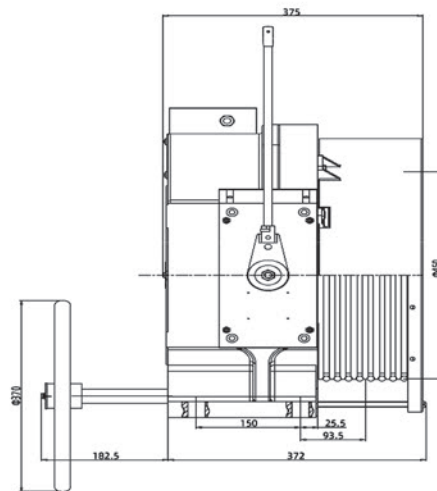
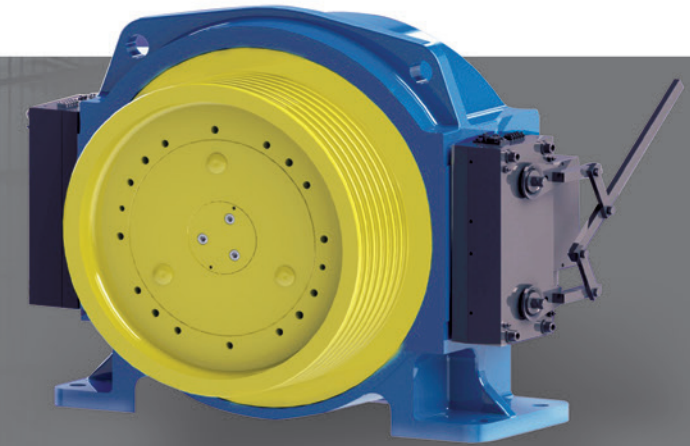


Machine Type	K2K-GL-3
SSL	4000kg
Poles	32
Starts Per Hour	240
Brake Type	MEKB
Insulation Class	F
Enclosure Class	IP40
Rating	S5-4%

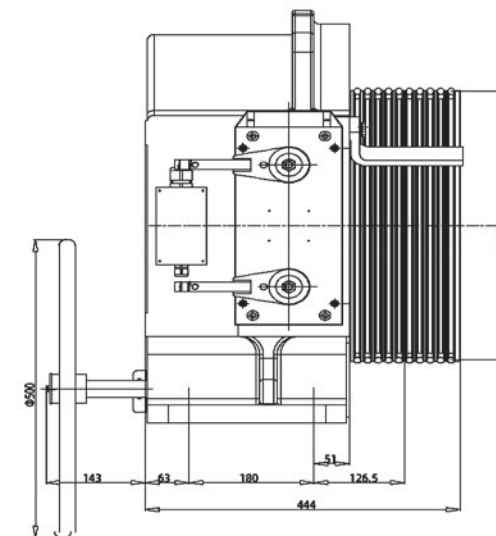
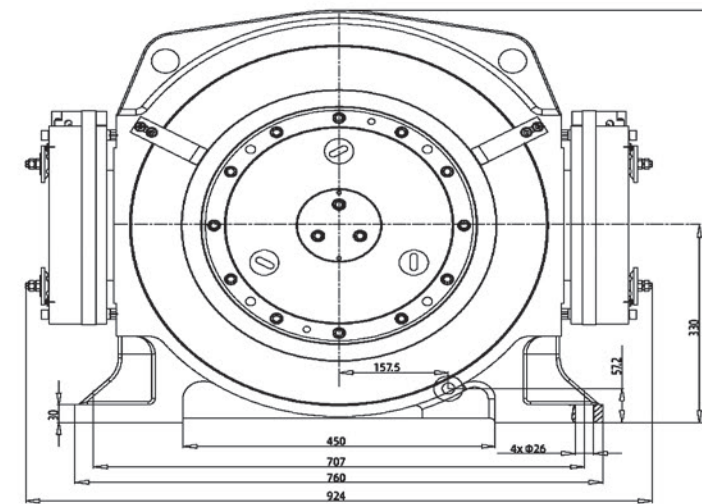
Type	Load (kg)	Speed (m/s)	Roping	Motor Parameters					Break Parameters				Sheve Parameters				
				Rates Power (kw)	Rated Torque (N.m)	Rated Speed (RPM)	Rated Frequency (Hz)	Rated Current (Hz)	Current (A)	Voltage (V)	Rated Power (W)	Breaking Torque (N.m)	nxd (mm)	Diameter (mm)	Pitch (mm)	β	Y
320/050	320	0.5	2:1	1.3	175	72	19.2	5.2	2 X 1.04	DC 110	2 X 114	≥2 X 219	3 X ϕ 8	320	12	95	30
320/100		1	2:1	2.4		131	34.9	9									
320/150		1.5	2:1	3.1		191	50.9	9									
320/175		1.75	2:1	3.6		220	58.7	9									
450/050		0.5	2:1	1.8		230	72	19.2									
450/100	1	2:1	3.3	131	34.9		12										
450/150	1.5	2:1	4.6	191	50.9		12										
450/175	1.75	2:1	5.3	220	58.7		12										
630/050	0.5	2:1	2.4	320	72		19.2	10	2 X 1.04	DC 110	2 X 114	≥2 X 400	5 X ϕ 8	320	12	95	30
630/100	1	2:1	4.4		131	34.9	16.5										
630/150	1.5	2:1	6.4		191	50.9	16.5										
630/175	1.75	2:1	7.4		220	58.7	16.5										
630/200	2	2:1	8.4		251	66.9	20										

Type	Load (kg)	Speed (m/s)	Roping	Motor Parameters					Break Parameters				Sheve Parameters				
				Rates Power (kw)	Rated Torque (N.m)	Rated Speed (RPM)	Rated Frequency (Hz)	Rated Current (A)	Current (A)	Voltage (V)	Rated Power (W)	Breaking Torque (N.m)	nxd (mm)	Diameter (mm)	Pitch (mm)	β	Y
630/050	630	0.5	2:1	2.4	400	57	15.2	9.6	2 X 1.15	DC 110	2 X 129	≥ 2 X 710	5 X ϕ 8	400	12	95	30
630/100		1	2:1	4.4		105	28	14.5									
630/150		1.5	2:1	6.4		153	40.8	14.5									
630/175		1.75	2:1	7.4		177	47.2	15.8									
1000/050	1000	0.5	2:1	3.8	640	57	15.2	15	2 X 1.15	DC 110	2 X 129	≥ 2 X 710	5 X ϕ10	400	16	95	30
1000/100		1	2:1	7		105	28	22									
1000/150		1.5	2:1	10		153	40.8	22									
1000/175		1.75	2:1	11.6		177	47.2	26									
1000/200		2	2:1	13.5		201	53.6	31.5									
1000/250		2.5	2:1	17		248	66.1	39									

φ 450, 1350 - 1600kg



Machine Type	K2K-GL-4
SSL	6000kg
Poles	32
Starts per Hour	240
Brake Type	MEKB
Insulation Class	F
Enclosure Class	IP40
Rating	S5-40%

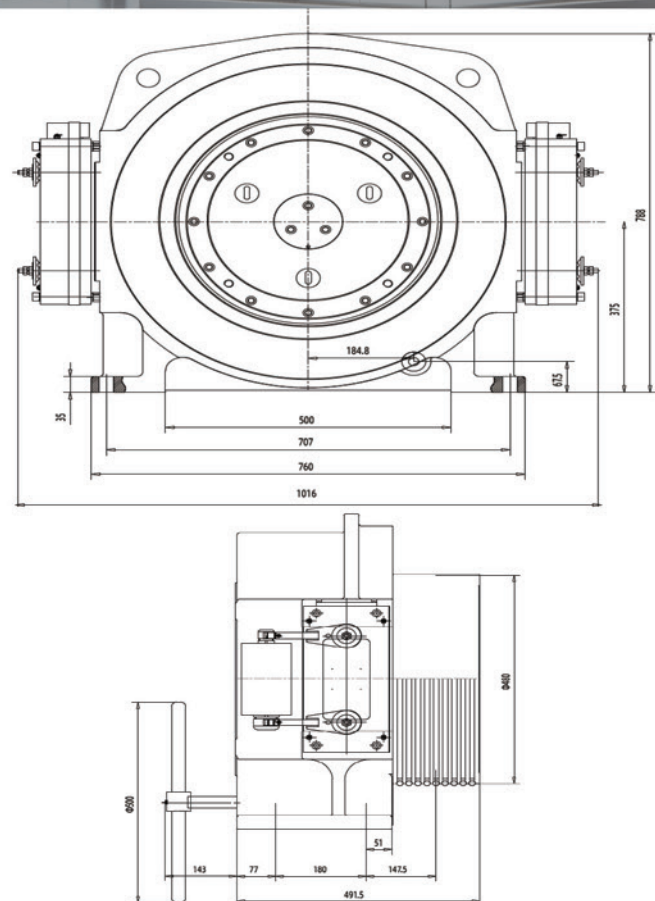
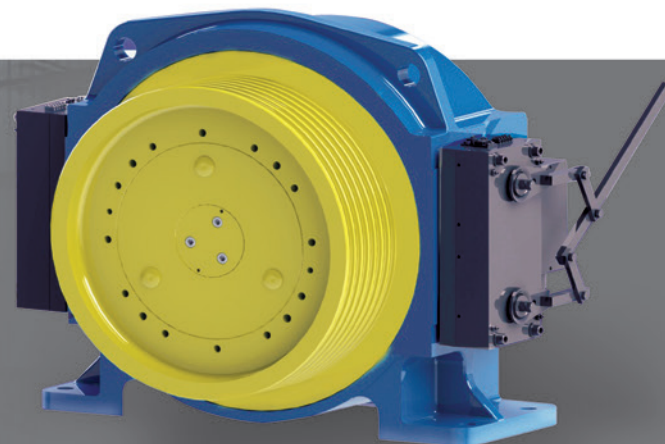


Machine Type	K2K-GL-5
SSL	10000kg
Poles	32
Starts per Hour	240
Brake Type	MEKB
Insulation Class	F
Enclosure Class	IP40
Rating	S5-40%

Type	Load (kg)	Speed (m/s)	Roping	Motor Parameters					Break Parameters				Sheve Parameters				
				Rates Power (kw)	Rated Torque (N.m)	Rated Speed (RPM)	Rated Frequency (Hz)	Rated Current (A)	Current (A)	Voltage (V)	Rated Power (W)	Breaking Torque (N.m)	nxd (mm)	Diameter (mm)	Pitch (mm)	β	γ
1350/050	1350	0.5	2:1	5.4	960	51	13.6	20	2 X 1.15	DC 110	2 X 180	≥ 2 X 1200	7 X ϕ10	450	16	95	30
1350/100		1	2:1	9.9		93	24.8	30									
1350/150		1.5	2:1	13.9		135	36	30									
1350/200		2	2:1	17		178	47.5	40									
1350/250		2.5	2:1	21.5		221	58.9	49									
1600/050	1600	0.5	2:1	6	1140	51	13.6	23	2 X 1.64	DC 110	2 X 180	≥ 2 X 1425	8 X ϕ10	450	16	95	30
1600/100		1	2:1	11		93	24.8	33.5									
1600/150		1.5	2:1	16.2		135	36	33.5									
1600/200		2	2:1	21		178	47.5	47									
1600/250		2.5	2:1	26		221	58.9	57									

Type	Load (kg)	Speed (m/s)	Roping	Motor Parameters					Break Parameters				Sheve Parameters				
				Rates Power (kw)	Rated Torque (N.m)	Rated Speed (RPM)	Rated Frequency (Hz)	Rated Current (A)	Current (A)	Voltage (V)	Rated Power (W)	Breaking Torque (N.m)	nxd (mm)	Diameter (mm)	Pitch (mm)	β	Y
2000/050	2000	0.5	2:1	7.6	1530	47	12.5	30	2 X 2.1	DC 110	2 X 231	≥ 2 X 1913	7 X ϕ12	480	18	95	30
2000/100		1	2:1	14		88	23.5	45									
2000/150		1.5	2:1	20.3		127	33.9	45									
2000/175		1.75	2:1	23.5		147	39.2	58									
2000/200		2	2:1	25.5		167	44.5	58									
2000/250		2.5	2:1	32		207	55.2	73									
2500/050	2500	0.5	2:1	9.6	1920	47	12.5	37	2 X 2.1	DC 110	2 X 231	≥ 2 X 2400	8 X ϕ10	480	18	95	30
2500/100		1	2:1	17.6		88	23.5	56									
2500/150		1.5	2:1	25.4		127	33.9	65									
2500/175		1.75	2:1	29.6		147	39.2	73									
2500/200		2	2:1	32		167	44.5	73									
2500/250		2.5	2:1	40		207	55.2	95									

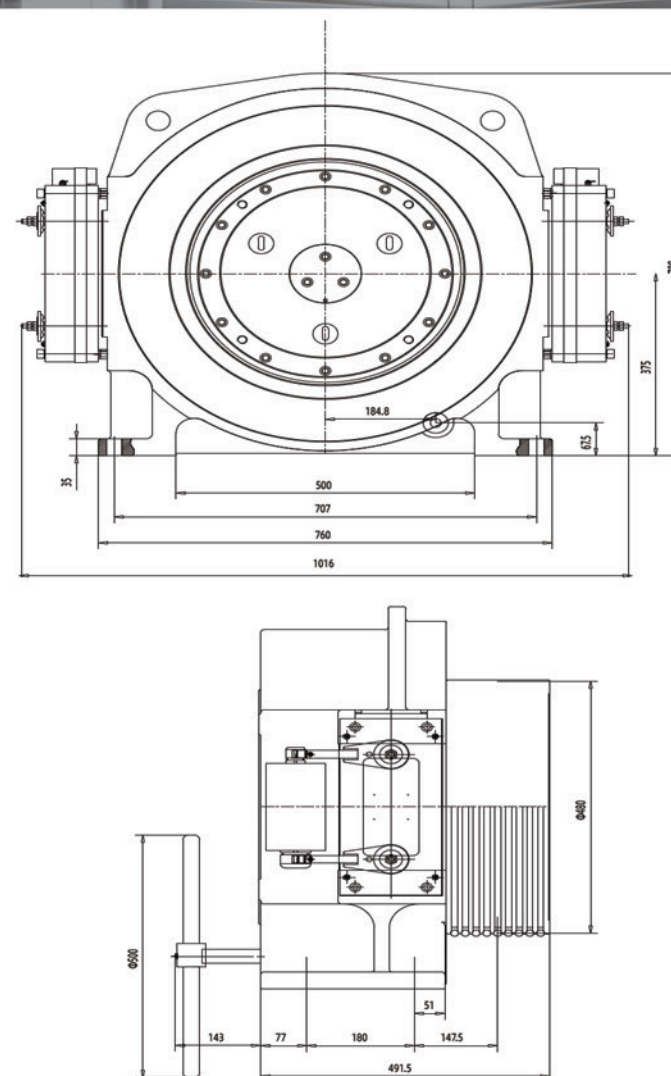
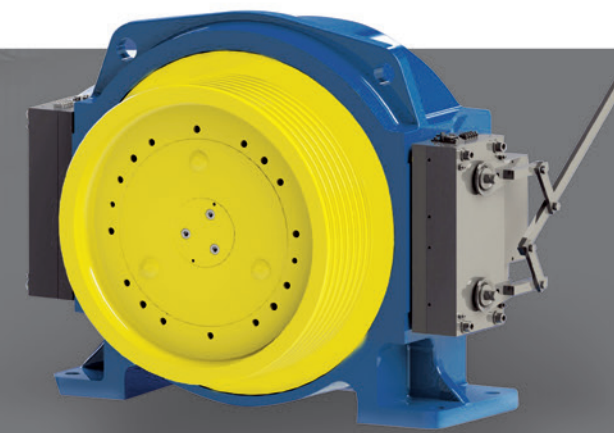
φ 480, 2500 - 3750kg



SPECIFICATION SHEET | 사양서

Type	Load (kg)	Speed (m/s)	Roping	Motor Parameters					Break Parameters				Sheve Parameters				
				Rates Power (kw)	Rated Torque (N.m)	Rated Speed (RPM)	Rated Frequency (Hz)	Rated Current (A)	Current (A)	Voltage (V)	Rated Power (W)	Breaking Torque (N.m)	nxd (mm)	Diameter (mm)	Pitch (mm)	β	Y
2500/050	2500	0.5	2:1	9.6	1920	47	12.5	38	2 X 5.6 / 2 X 2.8	DC200 / DC100	2 X 1120 / 2 X 280	≥ 2 X 2400	8 X ϕ12	480	18	95	30
2500/100		1	2:1	17.5		88	23.5	56									
2500/150		1.5	2:1	25.4		127	33.9	65									
2500/200		2	2:1	33.6		167	44.5	76									
2500/250		2.5	2:1	41.6		207	55.2	95									
3000/050	3000	0.5	2:1	11.5	2394	47	12.5	45	2 X 5.6 / 2 X 2.8	DC200 / DC100	2 X 1120 / 2 X 280	≥ 2 X 2993	9 X ϕ12	480	18	95	30
3000/100		1	2:1	21		88	23.5	68									
3000/150		1.5	2:1	30.5		127	33.9	79									
3000/200		2	2:1	40.3		167	44.5	90									
3000/250		2.5	2:1	49.9		207	55.2	113									
3500/050	3500	0.5	2:1	14	2793	47	12.5	52.5	2 X 5.6 / 2 X 2.8	DC200 / DC100	2 X 1120 / 2 X 280	≥ 2 X 3491	10 X ϕ12	480	18	95	30
3500/100		1	2:1	25.6		88	23.5	79									
3500/150		1.5	2:1	37.2		127	33.9	92									
3500/200		2	2:1	48.9		167	44.5	105									
3500/250		2.5	2:1	60.6		207	55.2	131									
3750/050	3750	0.5	2:1	15	2993	47	12.5	56.3	2 X 5.6 / 2 X 2.8	DC200 / DC100	2 X 1120 / 2 X 280	≥ 2 X 3741	10 X ϕ12	480	18	95	30
3750/100		1	2:1	27.8		88	23.5	84.6									
3750/150		1.5	2:1	39.9		127	33.9	98.6									
3750/200		2	2:1	52.4		167	44.5	112.5									
3750/250		2.5	2:1	65		207	55.2	140.4									

φ 480, 5000 - 7500kg



TYPE DESCRIPTION

Machine Type	K2K-GL-7
SSL	24000kg
Poles	32
Starts per Hour	240
Brake Type	MEKB
Insulation Class	F
Enclosure Class	IP40
Rating	S5-40%

SPECIFICATION SHEET | 사양서

Type	Load (kg)	Speed (m/s)	Roping	Motor Parameters					Break Parameters				Sheve Parameters				
				Rates Power (kw)	Rated Torque (N.m)	Rated Speed (RPM)	Rated Frequency (Hz)	Rated Current (A)	Current (A)	Voltage (V)	Rated Power (W)	Breaking Torque (N.m)	nxd (mm)	Diameter (mm)	Pitch (mm)	β	γ
5000/050	5000	0.5	4:1	19.2	1920	96	25.6	56	2 X 2.2	DC110	2 X 220	≥2 X 2400	8 X ϕ12	480	18	95	30
5000/100		1	4:1	35.2		175	46.7	95									
5000/125		1.25	4:1	41.6		207	55.2	95									
7500/050	7500	0.5	4:1	30	2993	96	25.6	84.6	2 X 2.1	DC110	2 X 220	≥2 X 2400	10 X ϕ12	480	18	95	30
7500/100		1	4:1	54.9		175	46.7	140.4									
7500/125		1.25	4:1	65		207	55.2	140.4									



MACHINE ROOM LESS (MRL)

기계실 축소

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Europeon Directive 2014/33/EU with CE Marked CE 1128



MACHINE ROOM LESS (MRL)

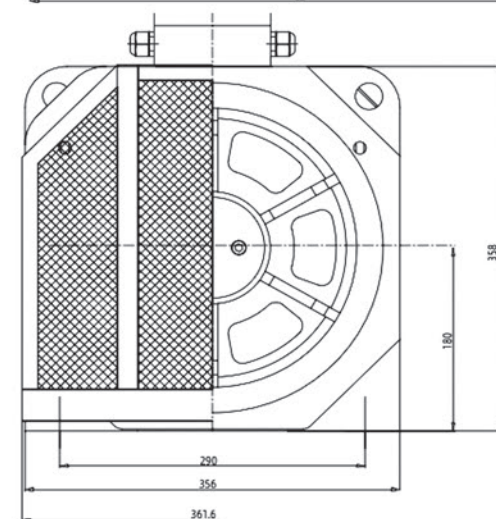
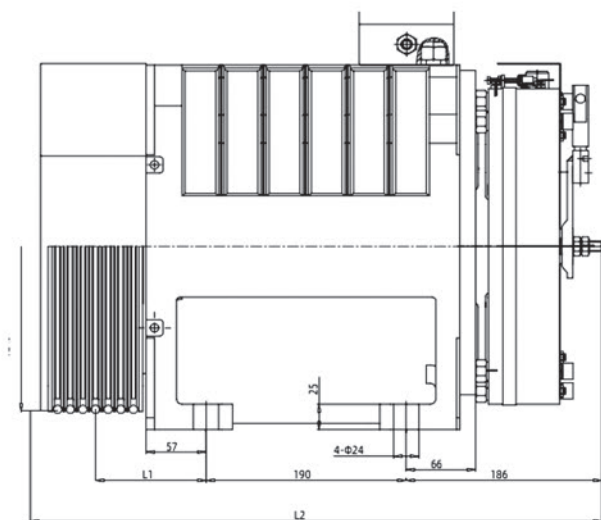
A “loom-less” lift machine, also known as a “gearless” or “traction” machine, has several special characteristics that distinguish it from traditional geared lift machines:

- 1. Direct Drive System:** In loom-less (gearless) machines, the motor is directly connected to the sheave (the pulley that the lift cables run over). This direct drive system eliminates the need for intermediate gears, resulting in a more efficient and quieter operation.
- 2. Smooth Ride Quality:** Without the gear mechanism, gearless machines provide a much smoother and quieter ride. This is particularly beneficial in high-rise buildings where comfort and noise reduction are important.
- 3. High-Speed Performance:** Gearless machines can operate at higher speeds compared to geared systems. This makes them ideal for skyscrapers and high-rise buildings where rapid elevator travel is necessary.
- 4. Energy Efficiency:** The absence of gears reduces energy losses associated with mechanical friction. Gearless machines tend to be more energy-efficient, leading to lower operating costs and a smaller carbon footprint.
- 5. Reduced Maintenance:** With fewer moving parts (no gears to wear out), gearless machines generally require less maintenance. This can result in lower maintenance costs and greater reliability.
- 6. Longevity:** The reduced wear and tear associated with gearless machines often translates to a longer lifespan. This makes them a durable choice for buildings with high traffic.
- 7. Compact Design:** Gearless machines are often more compact than geared systems, which can save space in the machine room. This is advantageous in buildings where space is a premium.
- 8. Highest Standards of Safety and Reliability:** Ensures that safety is a primary concern. Europeon Certification: EN 81 - 50:2020 5.7 & 5.8, Europeon Certification: EN 81 - 20:2020 5.6.6, 5.6.7 & 5.9.2.2. Europeon directive 2014/33/EC with CE Marked CE 1128.

Overall, gearless (loom-less) lift machines offer enhanced performance, safety efficiency, and comfort, making them a preferred choice for modern high-rise and commercial applications.

A 3D CAD model of a blue industrial compressor. The unit features a large, yellow, multi-spoke pulley on the front. The main body is blue with a ribbed cooling fin design. A black rectangular component, likely a motor or control box, is mounted on top. The unit is shown from a three-quarter perspective on a grey background.

GRADIENT COLORS



TYPE DESCRIPTION

Machine Type	K2K-MRL-2
SSL	2500 & 3800
Poles	20
Starts Per Hour	240
Brake Type	MEPB
Insulation Class	F
Enclosure Class	IP40
Rating	S5-40%



RAL5015



GSB05-1426-2201 73 BO3



RAL7023



RAL9017



RAL7032



RAL7032



RAL7004



RAL5005



RAL1033

Type	Load (kg)	Speed (m/s)	Roping	Motor Parameters					Break Parameters				Sheve Parameters				
				Rates Power (kw)	Rated Torque (N.m)	Rated Speed (RPM)	Rated Frequency y (Hz)	Rated Current (A)	Current (A)	Voltage (V)	Rated Power (W)	Breaking Torque (N.m)	nxd (mm)	Diameter (mm)	Pitch (mm)	β	Y
450/050	450	0.5	2:1	1.7	173	95	15.8	6.7	2 X 1.17	DC110	2 X 129	≥2X216	4 X ϕ 8	240	12	95	30
450/100		1	2:1	3.2		175	29.2	10									
450/150		1.5	2:1	4.6		255	42.5	12									
630/050	630	0.5	2:1	2.4	240	95	15.8	9.6	2 X 1.17	DC110	2 X 129	≥2X300	5 X ϕ 8	240	16	95	30
630/100		1	2:1	4.4		175	29.2	14									
630/150		1.5	2:1	6.4		255	42.5	16.5									
1000/050	1000	0.5	2:1	3.8	383	95	15.8	15	2 X 1.17	DC110	2 X 129	≥2X479	7 X ϕ 8	240	12	95	30
1000/100		1	2:1	7		175	29.2	22									
1000/150		1.5	2:1	8.2		255	42.5	25.3									
1000/200		2	2:1	13.4		334	55.7	30									
1250/050	1250	0.5	2:1	4.8	480	95	15.8	18.6	2 X 1.17	DC110	2 X 129	≥2X600	9 X ϕ 8	240	16	95	30
1250/100		1	2:1	8.8		175	29.2	27.5									
1250/150		1.5	2:1	12.8		255	42.5	31									
1250/200		2	2:1	16.8		334	55.7	36									



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KOREAN Design with EUROPEON Certification | 유럽인증을 받은 한국 디자인

Europeon Certification: **EN 81 - 50:2020 5.7 & 5.8**

Europeon Certification: **EN 81 - 20:2020 5.6.6, 5.6.7 & 5.9.2.2.**

European Directive 2014/33/EU with CE Marked CE 1128