



ARKEL

Dişlisiz Asansör Motorları

Gearless Lift Motors



www.arkel.com.tr



Dişlisiz Asansör Motorları

Gearless Lift Motors

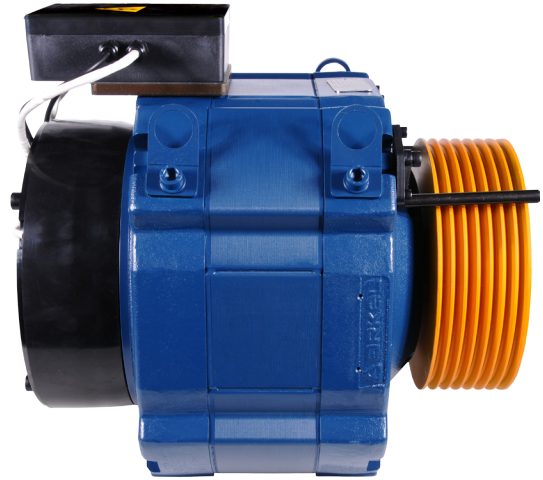
Dişlisiz Asansör Motorları

Kurulumunda zaman kazandıran, Arcode Tümleşik sürücü ile optimize edilmiş yeni ARS Serisi Arkel Senkron Motor. Yüksek randımanlı 380V trifaze sabit mıknatıslı Arkel senkron motorlar, dişli kutusu ihtiyacını ortadan kaldıran frekans invertörü ile hız ayarlaması yapılarak asansörün sarsmadan hareket etmesini sağlar.



Gearless Motors for Lifts

The new Arkel Gearless Motor optimized with Arcode Integrated drive that ensures saving time for installation. High-efficiency Arkel Gearless Motors that have 380V three-phase fixed magnet ensure operation of the lift without any vibrations by adjusting the speed with the frequency inverter that eliminates the need for gear box.



Dişlisiz Asansör Motoru Özellikler / Features of Gearless Lift Motors

No	Motor Tipi / Motor Types	Kasnak Çapı Pulley Size [mm]	Max. Kapasite Capacity KG	Hız [m/s] Speed	Güç [kW] Power	Askı Tipi Susp. Type	Nominal Tork [Nm] Nominal Torque	Halat X Hatve Çapı Rope X Pitch Angle	Max. Statik Yük Max. Static Load
1	ARS-C1-240-320-16B-3.7KW-8.1A	240	320	1,6	3.7 kW	2 : 1	140	4 x 6,5	20 kN
2	ARS-C2-210-630-16B-6.6KW-14A	210	630	1,6	6.6 kW	2 : 1	200	6 x 6,5	20 kN
3	ARS-C3-210-800-10B-4.8KW-11.5A	210	800	1	4.8 kW	2 : 1	250	7 x 6,5	20 kN
4	ARS-D1-240-800-10B-5.5KW-13A	240	800	1	5.5 kW	2 : 1	330	7 x 6,5	26 kN
5	ARS-C3-210-800-16B-8.2KW-17A	210	800	1,6	8.2 kW	2 : 1	250	7 x 6,5	20 kN
6	ARS-D1-240-800-16B-8.8KW-24.6A	240	800	1,6	8.8 kW	2 : 1	330	7 x 6,5	26 kN
7	ARS-D1-240-800-20B-11KW-24.6A	240	800	2	11 kW	2 : 1	330	7 x 6,5	26 kN
8	ARS-D2-240-1000-10B-8KW-18.1A	240	1000	1	8 kW	2 : 1	480	7 x 6,5	26 kN
9	ARS-D2-240-1000-16B-12.8KW-34.9A	240	1000	1,6	12.8 kW	2 : 1	480	8 x 6,5	26 kN
10	ARS-D2-240-1000-20B-16.1KW-34.9A	240	1000	2	16.1 kW	2 : 1	480	8 x 6,5	26 kN
11	ARS-D3-320-1250-16B-13.2KW-37.8A	320	1250	1,6	13.2 kW	2 : 1	660	8 x 8	32 kN
12	ARS-D3-320-1250-20B-16.6KW-37.8A	320	1250	2	16.6 kW	2 : 1	660	8 x 8	32 kN
13	ARS-D3-320-1250-25B-20.7KW-45.7A	320	1250	2,5	20.7 kW	2 : 1	660	8 x 8	32 kN

Dişlisiz Asansör Motorları

- Yüksek konfor
- Çok düşük ses seviyesi
- A3 belgeli çift sargılı fren
- Kompakt tasarım
- IP44 koruma sınıfı
- Düşük enerji tüketimi



ARS-C1-240-320
16B-3,7kW-8,1A



ARS-C2-210-630
16B-6,6kW-14A



ARS-C3-210-800
10B-4,8kW-11,5A



ARS-C3-210-800
16B-8,2kW-17A



ARS-D1-240-800
10B-5,5kW-13A



ARS-D1-240-800
20B-11kW-24,6A



ARS-D1-240-800
20B-11KW-24.6A



ARS-D2-240-1000
10B-8KW-18.1A



ARS-D2-240-1000
16B-12.8KW-34.9A



ARS-D2-240-1000
20B-16.1KW-34.9A



ARS-D3-320-1250
16B-13.2KW-37.8A



ARS-D3-320-1250
20B-16.6KW-37.8A

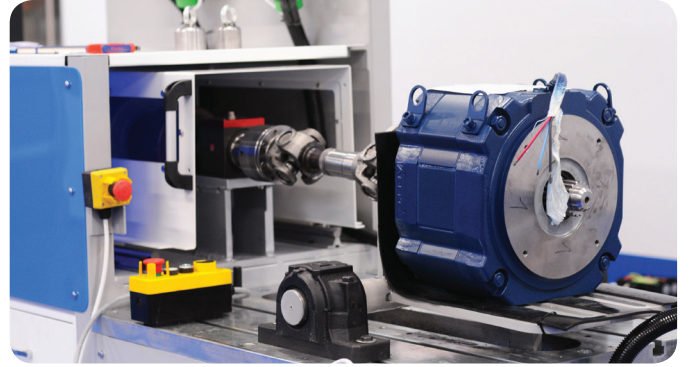
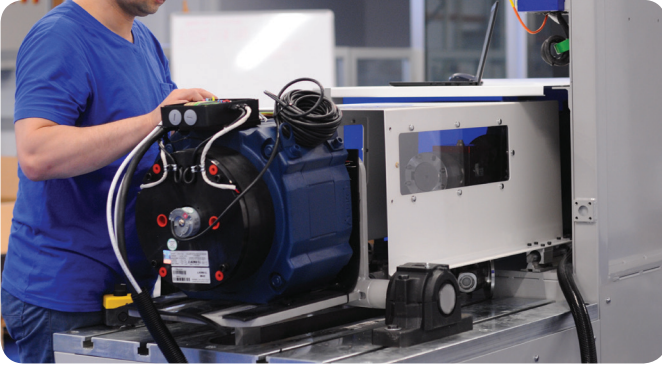
Gearless Lift Motors

- High Comfort
- Very low noise level
- A3-Certified double wound brake
- Compact design
- IP44 protection class
- Low energy consumption



ARS-D3-320-1250
25B-20.7KW-45.7A

Dişlisiz Asansör Motorları Gearless Lift Motors



Senkron motor seçerken dikkat edilmesi gereken özellikler;

- İşletme gerilimi ve frekansı (1 faz, 3 faz, 220V, 380V, 400V, 440V, 50 Hz, 60 Hz)
- Motor hızı ve Statik yükün büyüklüğü
- İnşa tipi: Ayaklı B3, Flanşlı B5, Ayaklı Flanşlı B3 B5
- Kat uzunluğu (Asansör hızı için)
- Kabin kapasitesi
- Çalıştırılacağı ortamın sıcaklığı ve ortamın rakımı
- Koruma tipi: IP54, IP55 gibi
- İşletme tipi (Çalışma rejimi) : S1, S3, S5 gibi
- Çalışma katsayısı (ED faktörü) : %100, 60, 40, 25 gibi (Çalışma sıklığı Hastane Alışveriş merkezi vb..)
- Çalıştırılacağı ortamın rutubet derecesi: Isıtıcı ve kondense deliği istenip istenmediği

Features Required for Choosing Gearless Motor:

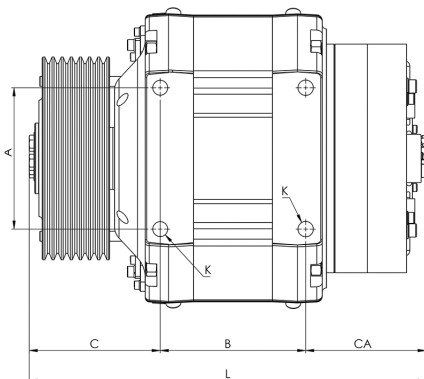
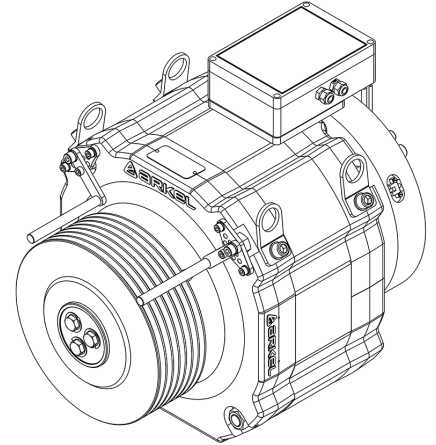
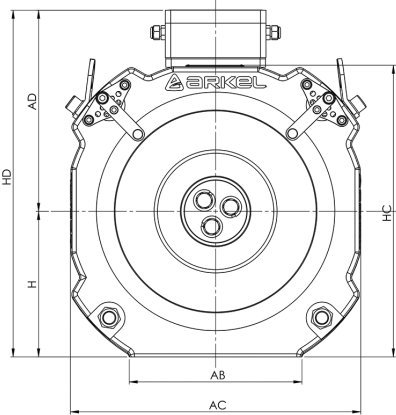
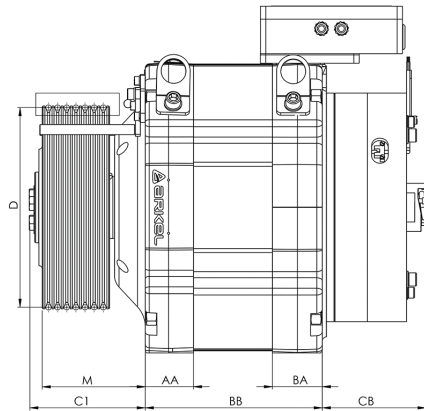
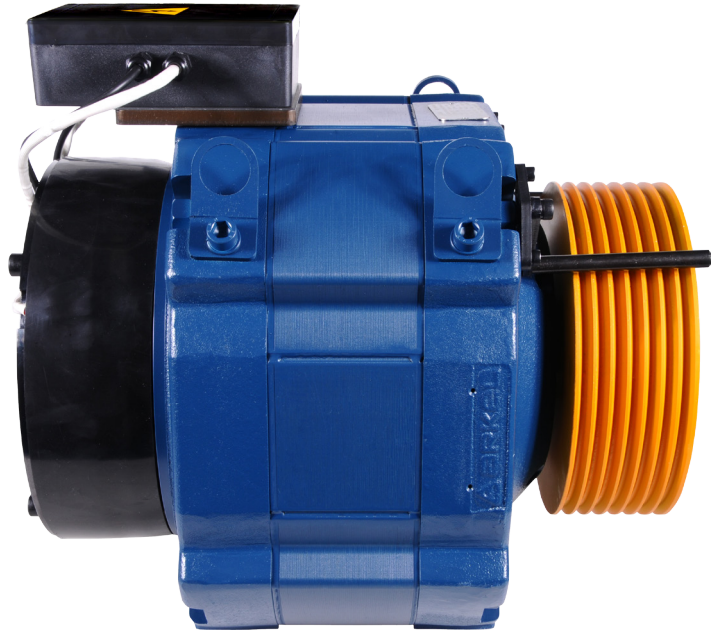
- Operating voltage and frequency (1 phase, 3 phase, 220 V, 380V, 400V, 440 V, 50 Hz, 60 Hz)
- Motor speed and static load size
- Build type: Pedestal B3, Flanged B5, Pedestal&Flanged B3 B5
- Floor length (for lift speed)
- Car capacity
- Temperature and elevation of the operating environment
- Protection type: such as IP54, IP55
- Operating type (Working regime): such as S1, S3, S5
- Operating coefficient (ED factor): such as 100%, 60, 40, 25
- Operating frequency: (such as hospital, shopping center etc.)
- Humidity level of the operating environment: Whether heater and condensate hole is required or not

A Drive & Arcode ile tam uyum

Farklı motorlarda sürücü ve motorların olası uyumsuzluk problemlerini, Arkel sürücü ve motor kombinasyonu ile elimine ederek yüksek performans sağlanır.

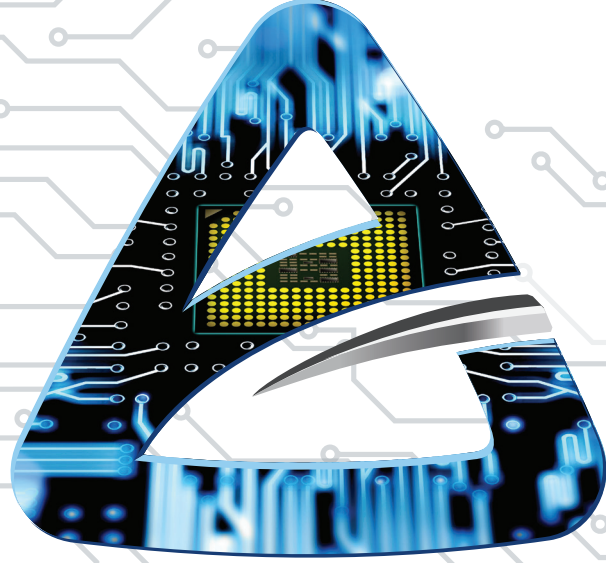
Full Compatible with A Drive & Arcode

High performance is achieved by eliminating possible incompatibility problems of drivers and motors with Arkel driver and motor combination.



DETAIL C
SCALE 2:3

Motor Model	A	B	K	C	C1	CA	CB	BB	AA	BA	L	AC	AB	HD	H	AD	HC	D	M	N	V	Dış	Ağırlık (kg)
ARS-C1-240-320-168-3.7KW-8.1A	130	175	M16	141	118	164	150	212	48	34	478	265	160	337	135	202	268	240	69	6.5	45°	4	123
ARS-C2-210-430-168-6.6KW-14A	130	215	M16	141	118	164	150	252	48	34	520	265	160	337	135	202	268	210	91	6.5	45°	6	137
ARS-C3-210-800-108-4.8KW-11.5A	130	255	M16	141	118	164	150	292	48	34	560	265	160	337	135	202	268	210	102	6.5	45°	7	152
ARS-C3-210-800-168-8.2KW-17A	130	255	M16	141	118	164	150	292	48	34	560	265	160	337	135	202	268	210	102	6.5	45°	7	152
ARS-D1-240-800-108-5.5KW-13A	170	175	M20	158	140	145	125	213	58	60	478	348	208	417	175	242	350	240	124	6.5	45°	7	189
ARS-D1-240-800-208-11KW-24.6A	170	175	M20	158	140	145	125	213	58	60	478	348	208	417	175	242	350	240	124	6.5	45°	7	189
ARS-D1-240-800-168-8.8KW-24.6A	170	175	M20	158	140	145	125	213	58	60	478	348	208	417	175	242	350	240	124	6.5	45°	7	189
ARS-D2-240-1000-108-8KW-18.1A	170	215	M20	158	140	145	125	253	58	60	518	348	208	417	175	242	350	240	124	6.5	45°	7	219
ARS-D2-240-1000-208-16.1KW-34.9A	170	215	M20	175	213	145	125	253	58	60	536	348	208	417	175	242	350	240	213	6.5	55°	8	222
ARS-D2-240-1000-168-12.8KW-34.9A	170	215	M20	158	140	145	125	253	58	60	518	348	208	417	175	242	350	240	124	6.5	45°	7	217
ARS-D3-320-1250-258-20.7KW-45.7A	170	260	M20	160	142	145	125	298	58	60	565	348	208	417	175	242	350	320	126	8	50°	8	258
ARS-D3-320-1250-168-13.2KW-37.8A	170	260	M20	160	142	145	125	298	58	60	565	348	208	417	175	242	350	320	126	8	50°	8	258
ARS-D3-320-1250-208-16.6KW-37.8A	170	260	M20	160	142	144.5	125	298	58	60	565	348	208	417	175	242	350	320	126	8	50°	8	258



ARKEL

ARKEL ELEKTRİK ELEKTRONİK SAN. ve TİC. A.Ş.

Eyüp Sultan Mah. Şah Cihan Cad. No:69 Sancaktepe/İstanbul 34885 TÜRKİYE

T: +90(216) 540 67 24-25 | F: +90 216 540 6726

info@arkel.com.tr | satis@arkel.com.tr | www.arkel.com.tr



facebook.com / ArkelElektrik

twitter.com / ArkelElektrik

youtube.com / ArkelElektrik

linkedin.com / ArkelElektrik

instagram / arkel_elektronik