KARDEŞ ELEKTRİK | MEGA

55+ yıl

49 TİP
Marş Otomatiği

49 TYPES OF
Starter Solenoids

Marş Otomatiği
Starter Solenoid

2022 Ürün Kataloğu / *2022 Product Catalog*

CERTIFIED IATF 16949:2016 COMPANY

YERLİ ÜRETİM

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Kardeş Elektrik
MEGA Marş Otomatikleri

Kardeş Elektrik
MEGA Starter Solenoids

Sertifika

Bu belge ile

KARDEŞ ELEKTRİK SANAYİ VE TİCARET A.Ş.
Yassıören Mah. Hifa Sok. No:4 Arnavutköy İSTANBUL, Turkey

firmasının aşağıda belirtilen Kalite Sistemi standart şartlarını sağlamış olduğu kanıtlanmıştır

IATF 16949:2016

Firmanın faaliyet alanı aşağıda belirtilmiştir

KONTAK KÖMÜRÜ, KÖMÜR YUVASI, KÖMÜR YUVASI İÇİN METAL PARÇALAR VE MARŞ MOTORU SELENOİDİ ÜRETİMİ (ÜRÜN TASARIMI HARİÇ 8.3)

Sertifika Numarası:	Belgelendirme Dönemi Yayın Tarihi:	Basılma Tarihi:
203206/A/0001/ISMT/	18 Ekim 2019	17 Ekim 2019
Basılı No:	Bitiş Tarihi:	IATF No:
1	16 Ekim 2022	0360475

Belgeyi Veren: Sertifika yöneticisi adına

Certificate of Registration

This certificate has been awarded to

KARDEŞ ELEKTRİK SANAYİ VE TİCARET A.Ş.
Yassıören Mah. Hifa Sok. No:4 Arnavutköy İSTANBUL, Turkey

in recognition of the organization's Quality Management System which complies with

IATF 16949:2016

The scope of activities covered by this certificate is defined below

Manufacture of Carbon Brushes, Brush Holder, Metal Components of Brush Holder and Starter Solenoid (Excludes Product Design under Clause 8.3)

Certificate Number:	Date of Issue of Certification Cycle:	Date of Issue:
203206/A/0001/ISMEn	18 October 2019	17 October 2019
Issue No:	Expiry Date:	IATF No:
1	16 October 2022	0360475

Issued by: On behalf of the Scheme's Manager

CERTIFICATION

A1 CERTIFICATION & INSPECTION

Sertifika No: E15031901

KARDEŞ ELEKTRİK SANAYİ VE TİCARET ANONİM ŞİRKETİ

YASSIÖREN MAH. HİFA SOK. A BLOK NO: 4/1
ARNAVUTKOY / İSTANBUL / TÜRKİYE

TS EN ISO 14001:2015

A1 Belgelendirme ve Muayene Hizmetleri Ltd. Şti. bu belge ile yukarıda adı, adresi geçen kuruluşun Yönetim Sistemi'nin tesisli edildiğini aşağıda belirtilen kapsamda ilgili standardın gerekliliklerini sağladığını onaylamıştır.

AG PAKET ŞALTER, OTOMOTİV KÖMÜRÜ VE KÖMÜR YUVASI, SIKMALI KABLO PABUCU, METAL PARÇA, KONTAK PARÇALARI, MAGNET, MARŞ MOTORU SELENOİDİ ÜRETİMİ, KALIP TASARIMI VE İMALATI, ANA KUMANDA VE EMNİYET ŞALTERLERİ, TAMİR BAKIM ŞALTERLERİ, KABLO BAĞI VE KROŞELER, ISIYLA DARALAN MAKARONLAR, KABLO KORUMA SİSTEMLERİ, KABLO PABUCU VE KONNEKTERLERİ, PROFESYONEL EL ALETLERİ, İŞARETLEME SİSTEMLERİ, SAC DELME (PUNCH) APARATLARI VE KABLO TESİSAT MALZEMELERİ, DEMİRYOLU UYGULAMALARI İÇİN TEİSAT ÜRÜNLERİ, KABLO KANALI, NH SİGORTALAR VE NH SİGORTALI YÜK KESİCİLER, KUMANDA BUTONLARI VE SİNYAL LAMBALARI, ACİL STOP BUTONLARI, KABLO RAKORLARI, AKIM TRANSFORMATÖRLERİNİN PAZARLAMA VE SATIŞI

Belgelendirme Tarihi : 15.03.2019
Yenileme Tarihi : 22.02.2021
Geçerlilik Tarihi : 14.03.2022

CERTIFICATION

A1 CERTIFICATION & INSPECTION

Certificate Number: E15031901

KARDES ELEKTRIK SANAYI VE TICARET ANONIM SIRKETI

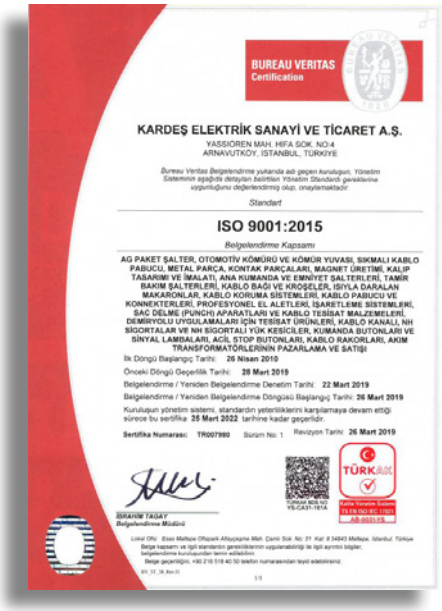
YASSIOREN MAH. HIFA SOK. A BLOK NO: 4/1
ARNAVUTKOY / ISTANBUL / TURKEY

TS EN ISO 14001:2015

A1 Belgelendirme ve Muayene Hizmetleri Ltd. Şti. with this certificate approves that the name and address above mentioned organization's Management System has been audited and the requirements of the relevant standard in below scope has been satisfied.

MANUFACTURING OF LV ELECTRICAL SWITCHGEARS, AUTOMOTIVE CARBON BRUSHES AND BRUSH HOLDERS, CABLE LUGS, METAL PARTS, CONTACT PARTS, MAGNET, STARTER SOLENOID, MOULDING DESIGN AND MANUFACTURING, SALES AND MARKETING OF MAIN SWITCHES, MAIN SWICTCHES WITH EMERGENCY FUNCTION, MAINTENANCE SWITCHES, CABLE TIES AND FIXINGS, HEAT SHRINKABLE TUBINGS, CABLE PROTECTION SYSTEMS, CABLE LUGS AND CONNECTORS, CRIMPING AND CUTTING TOOLS, MARKING SYSTEMS PUNCHES AND INSTALLATION EQUIPMENTS, PRODUCTS FOR RAILWAY APPLICATIONS, WIRING DUCTS, NH FUSE AND NH FUSE SWITCHES, PUSH BUTTONS AND SIGNAL LAMPS, EMERGENCY SWITCHES, CABLE GLANDS, CURRENT TRANSFORMERS

Certification Date : 15.03.2019
Renewal Date : 22.02.2021
Certificate Valid Up to : 14.03.2022



BUREAU VERITAS Certification

KARDEŞ ELEKTRİK SANAYİ VE TİCARET A.Ş.
YASSIÖREN MAH. HİFA SOK. NO:4
ARNAVUTKÖY, İSTANBUL, TÜRKİYE

Büreau Veritas Belgelendirme yukarıda adı geçen kuruluşun, Yönetim Sisteminin aşağıda detayları belirtilen Yönetim Standardı gerekliliklerine uygunluğunu değerlendirmiş olup, onaylamaktadır.

Standart

ISO 9001:2015

Belgelendirme Kapsamı

AG PAKET ŞALTER, OTOMOTİV KÖMÜRÜ VE KÖMÜR YUVASI, SIKMALI KABLO PABUCU, METAL PARÇA, KONTAK PARÇALARI, MAGNET ÜRETİMİ, KALIP TASARIMI VE İMALATI, ANA KUMANDA VE EMNİYET ŞALTERLERİ, TAMİR BAKIM ŞALTERLERİ, KABLO BAĞI VE KROŞELER, ISIYLA DARALAN MAKARONLAR, KABLO KORUMA SİSTEMLERİ, KABLO PABUCU VE KONNEKTERLERİ, PROFESYONEL EL ALETLERİ, İŞARETLEME SİSTEMLERİ, SAC DELME (PUNCH) APARATLARI VE KABLO TESİSAT MALZEMELERİ, DEMİRYOLU UYGULAMALARI İÇİN TESİSAT ÜRÜNLERİ, KABLO KANALI, NH SİGORTALAR VE NH SİGORTALI YÜK KESİCİLER, KUMANDA BUTONLARI VE SİNYAL LAMBALARI, ACİL STOP BUTONLARI, KABLO RAKORLARI, AKIM TRANSFORMATÖRLERİNİN PAZARLAMA VE SATIŞI

İlk Döngü Başlangıç Tarihi: 26 Nisan 2010
Önceki Döngü Geçerlilik Tarihi: 28 Mart 2019
Belgelendirme / Yeniden Belgelendirme Denetim Tarihi: 22 Mart 2019
Belgelendirme / Yeniden Belgelendirme Döngüsü Başlangıç Tarihi: 26 Mart 2019
Kuruluşun yönetim sistemi, standardın yeterliliklerini karşılamaya devam ettiği sürece bu sertifika 25 Mart 2022 tarihine kadar geçerlidir.
Sertifika Numarası: TR007980 Sürüm No: 1 Revizyon Tarihi: 26 Mart 2019

İBRAHİM TAGAY
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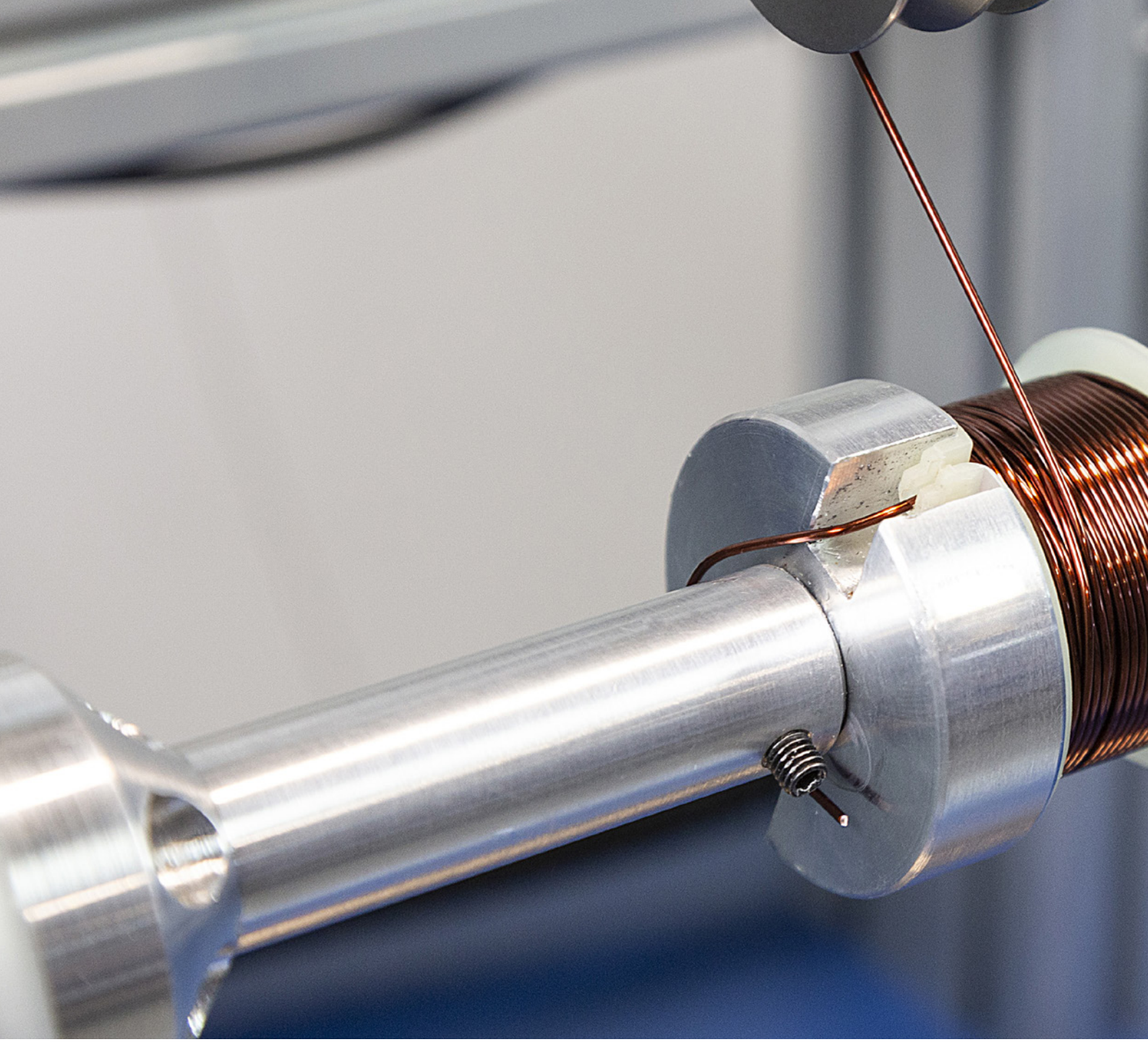


Mega Ürün Kodu / *Product Coding*

SFO 1761

Kardeş Ürün Kodu / *Kardeş Product Code*

Üretici Referansı / *Producer Reference*

BO - Bosch
FO - Ford
MI - Mitsubishi
VA - Valeo
HI - Hitachi
ND - Nippon Dense

Ürün Ailesi / Product Family

S - Solenoid

Ürün Şeması / Abbreviations

A Dış Çap / *Outer Diameter*

B İç Çap / *Inner Diameter*

C Uzunluk / *Length*

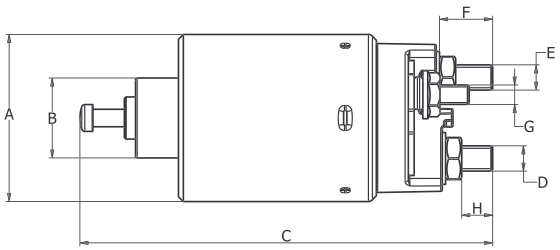
D Sargı Cıvata Çapı / *Coil Bolt Diameter*

E Pozitif Civata Çapı (B+) / *Positive Bolt (B+)*

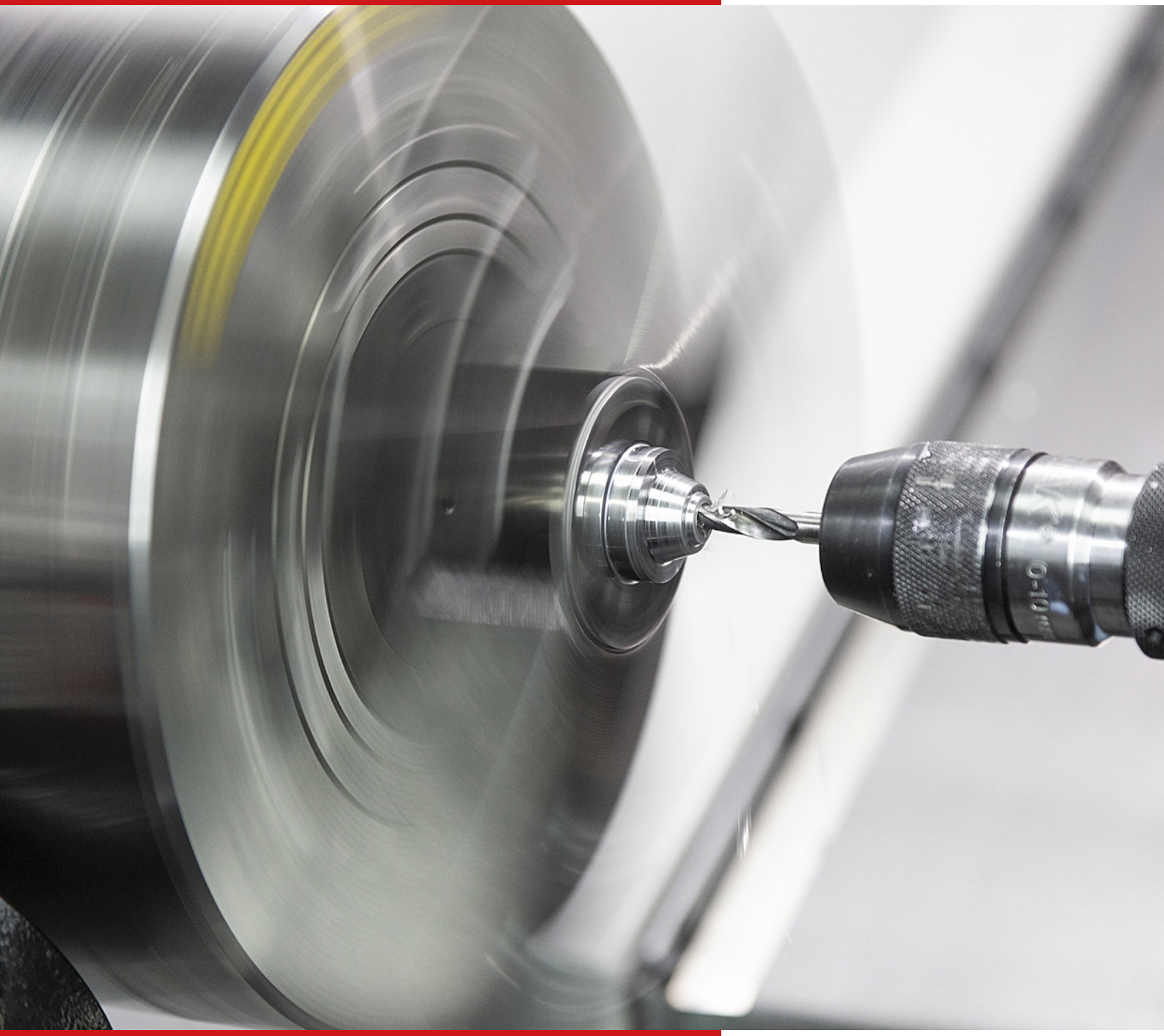
F Pozitif Civata Uzunluğu (B+L.) / *Positive Bolt Length (B+L.)*

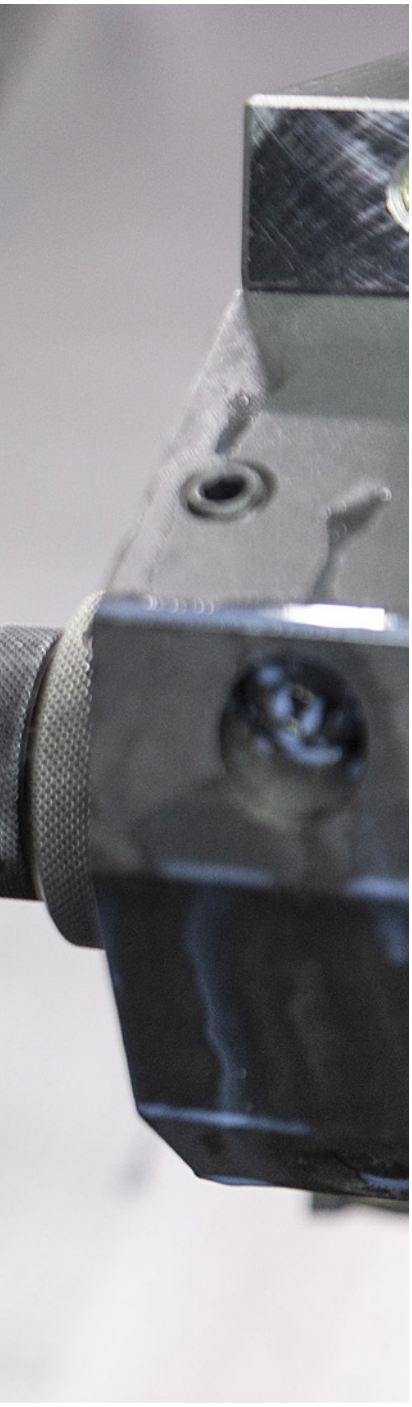
G Kontak Çapı / *Terminal Diameter*

H Sargı Civata Uzunluğu / *Coil Bolt Length*



KARDEŞ
ELEKTRİK





Kardeş Elektrik 1960'lı yılların başında marş, alternatör ve DC motor kömür fırça ithalatı ile başlayan otomotiv yedek parça alanındaki faaliyetini, 1974 yılında imalata taşıyarak bugün MEGA markası ile Türkiye'de bu alanda otomotiv kömür fırça ve kömür yuvası alanlarında pazar lideri olmuştur.

2007 yılında ürün gamını geliştirerek, marş ve alternatör kömür yuvaları üretimine başlamıştır. Bugün kömür ve kömür yuvası alanında toplamda 700'den fazla ürün çeşidini barındıran ürün gamımıza yeni bir ürün grubu eklemenin kıvancını duyuyoruz; **MEGA Marş Otomatiği.**

55+ yıldır MEGA markasına gösterdiğiniz güven ve destekten aldığımız enerji ile geliştirilen MEGA Marş Otomatiği serisi de ülkemizin dışa bağımlılığını azaltacak ve istihdam artırımında payımıza düşen katkının haklı gururunu sizlerle yaşıyoruz.

Tıpkı 2007 yılında 10 tip ile başlayan kömür yuvasının on sene içinde 200'e yakın tipe ulaştığı örneğindeki gibi, gelecekte üretilecek MEGA Marş Otomatik tip sayısını da benzer şekilde artırarak; ülkemize yüksek kalite ve yabancı ülkelerdeki kilit kullanıcılar tarafından da tercih edilen bir ürün grubu daha kazandırmayı hedefliyoruz. MEGA Marş Otomatikleri Kardeş Elektrik'in İstanbul Havalimanına 15 km yakınlıktaki tesislerinde imal edilerek %100 kontrol edildikten sonra sevk edilmektedir.

2019 yılında 16 tip ürünle başladığımız MEGA marş otomatiği ürün grubumuzu kısa sürede 43 tipe yaygınlaştırarak kullanıcılarımıza sunuyoruz.

Kaliteli ürün - kaliteli marka prensibimiz ile yapmış olduğumuz üretimlerimiz IATF 16949 , ISO 9001:2015, ISO 14001, ISO 27001 standart belgeleri ile güvence altındadır.

Köklerini geçmişten alan sanayici yetkinliğimiz ile gelecek için yenilerek 55+ yıldır Türk Sanayi'sine verdiğimiz hizmet kalitesini sürekli yukarılara taşıyarak en iyiye ulaşmak ilk hedefimizdir.

Kardeş Elektrik, started its activities early 1960's by importing starter generators and DC motor carbon brushes. In 1974, we have started production of automotive carbon brushes under MEGA brand and are now market leader in this field.

In 2007, we have extended our product range by starting production of brush holder for starters and alternators. Today, Kardes Elektrik is proud to add a new product line to its range, that includes more than 700 types of carbon brushes and over 200 types of brush holders namely: ***MEGA Starter Solenoid.***

MEGA Starter Solenoid line, developed with energy received by your support and trust for 55+ years, will decrease lead times of our customers, closing the gap for quality products at affordable prices for our European Customers.

As MEGA Starter Solenoid series, we initially offered 16 different types of products for 2019 and increased that number to 43 by the end of 2021.

Just as we started with only 10 types of brush holders in 2007 and reached almost 200 types today, we are determined to increase diversity of MEGA Starter Solenoid series.

Our goal is to provide a high quality product, favored by key remanufacturing facilities throughout automotive industry. Kardeş Elektrik, located only 15 km away from new Istanbul Airport possesses ISO 9001: 2015, ISO 14001 , ISO 27001 and IATF 16949 certificates.

Made in

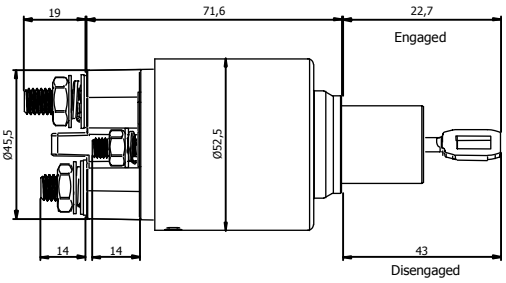
MEGA Marş Otomatikleri,
D&V test cihazlarında %100 test
edildikten sonra sevk edilmektedir.

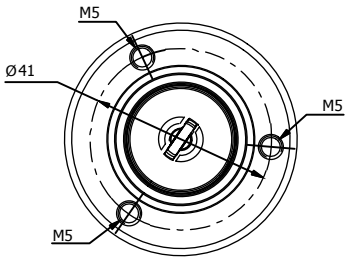
MEGA Starter Solenoid switches
are shipped after tested 100%
by D&V Solenoid tester.

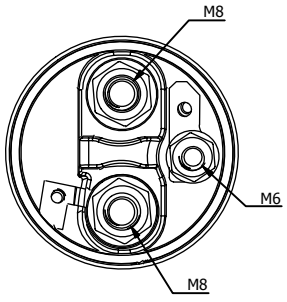
Marş Otomatiği / *Starter Solenoids*

Ürün Tipi / *Replacing:* Bosch

Ürün Numarası **Product Code**	**SBO-0371**
Volt	12V
Uygun Oem No **Replacing Oe-Ref**	0331304053 2339304001 2339304053
Marş Motor No **Unit No**	0001106011 0001106019 0001106020 0001107016 0001107040 0001107041 0001107046 0001107059 0001107082 0001107107 0001108121 0001108122 0001108155 0001108168 0001113010
Araç Model **Vehicle Model**	**FORD** MONDEO II 1996 2000







Marş Otomatiği / *Starter Solenoids*

Ürün Tipi / *Replacing:* Bosch

Ürün Numarası Product Code	**SBO-0543**
Volt	12V

Uygun Oem No Replacing Oe-Ref	0331401038	0331402045	0331402503
	0331401045	0331402087	2339402121
	0331402002	0331402202	9330081030
	0331402003	0331402502	933A081030

Marş Motor No Unit No	0001358049	0001362029	0001366010
	0001358200	0001362030	0001366014
	0001358201	0001362034	0001366014
	0001358202	0001362035	0001366024
	0001359049	0001362036	0001366025
	0001359053	0001362037	0001366029
	0001359072	0001362041	0001366029
	0001359073	0001362043	0001367001
	0001359078	0001362046	0001367004
	0001359082	0001362050	0001367005
	0001359099	0001362058	0001367009
	0001359106	0001362063	0001367010
	0001359108	0001362071	0001367013
	0001359119	0001362071	0001367023
	0001359128	0001362074	0001367040
	0001359217	0001362300	0001367043
	0001362001	0001362300	0001367049
	0001362002	0001362305	0001367075
	0001362013	0001362306	0001367078
	0001362014	0001362310	0001367302
	0001362014	0001362311	0001369001
	0001362015	0001362312,	0001369005
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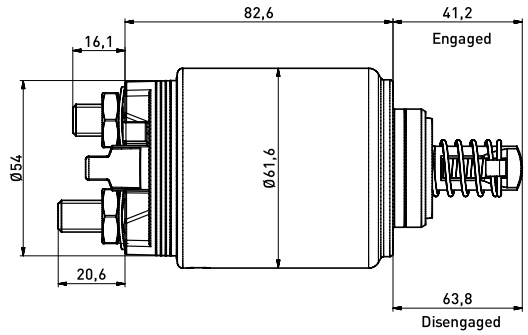
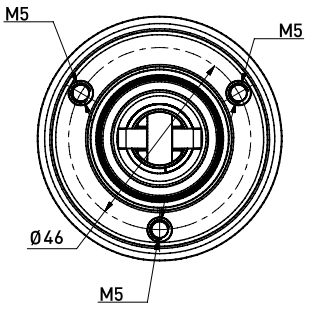
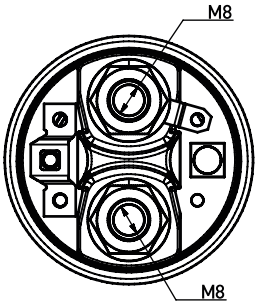
	0001362016	0001362314	
	0001362022	0001366001	
	0001362024	0001366003	
	0001362025	0001366009	

Araç Model Vehicle Model	**FIAT** - Çeşitli Modeller / Various Models
	IVECO - Çeşitli Modeller / Various Models
	A. COPPO - Çeşitli Modeller / Various Models







Marş Otomatiği / *Starter Solenoids*

Ürün Tipi / *Replacing:* Bosch

Ürün Numarası
Product Code **SBO-0545**

Volt 24V

Uygun Oem No
Replacing Oe-Ref

0331402051	0331402206	0331402057
0331402053	0331402706	0331402507
0331402054	0331402041	
0331402094	0331402046	

Marş Motor No
Unit No

0001360007	0001363109	0001368060
0001360010	0001363110	0001368061
0001360013	0001363111	0001368063
0001360018	0001363112	0001368069
0001360026	0001363113	0001368070
0001360029	0001363116	0001368074
0001360032	0001363117	0001368082
0001360033	0001363123	0001368083
0001360034	0001368002	0001368301
0001360035	0001368004	0001368304
0001360038	0001368009	0001368305
0001360043	0001368010	0001368306
0001360047	0001368011	0001368316
0001360050	0001368012	11430
0001360058	0001368016	11520
0001360060	0001368017	12080 1516716R
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0001363103	0001368034	51262017095
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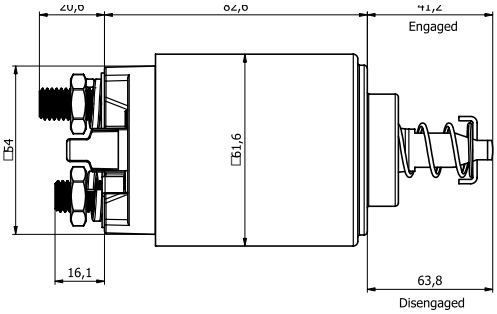

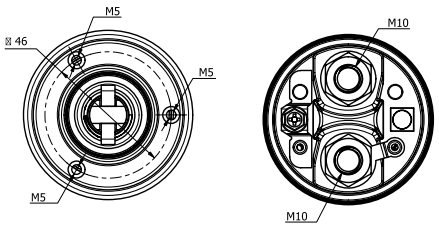

Araç Model
Vehicle Model

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Zeta 79-13 1979-1983,
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Zeta 79-14 V 1983-1985,
Zeta 79-14 1983-1985,
Zeta 95-14 H 1983-1985,
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FIATALLIS
560 1985,
645 1985,
65 B 1986,
DI 130 C 1988,
DI 150 C 1988,
FE 12 1983,
FE 12R 1983,
FE 14 1985,
FE 16 1985,
FL 4C 1970-1978,
FL 4D 1970-1978,
FR 7 1985,
FR 9 1982-1987,
TL5 1970-1978

SCANIA
82 H/210 78 1981-1988,
82 M/190 78 1982-1988,
82 M/210 78 1981-1988,
92 H/245 85 1987-1988,
92 H/275 85 1987-1988,
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93 H/220 85 1991-1997,
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93 H/280 85 1991-1997,
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93 M/230 85 1988-1993,
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93 M/280 85 1988-1997,
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CASE
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W15 Loader,

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170 E 27 77 1994-2000,
180 E 24 77 1992-1996,
180 E 27 77 1992-2000,
190 E 24 77 1997-1998,
190 E 27 77 1997-1998,
320 E 27 77 1992-2000

Marş Otomatiği / *Starter Solenoids*

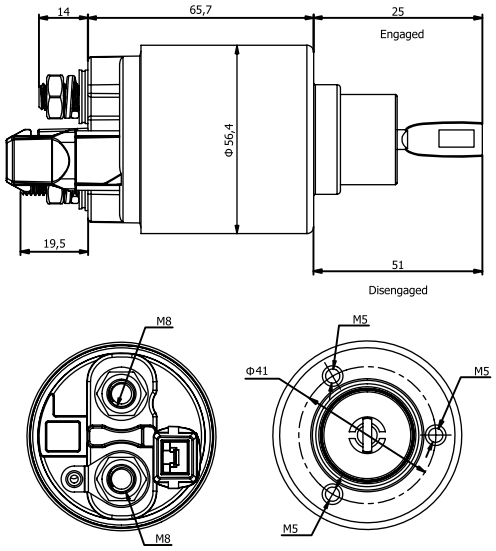
Ürün Tipi / *Replacing:* Bosch

Ürün Numarası **Product Code**	**SBO-0972** **YENİ / NEW**
Volt	12V

Uygun Oem No **Replacing Oe-Ref**	0331303147	2339303377	F000SH0102
	2339303211	2339303412	F000SH0120
	2339303222	2339303722	F000SH0133
	2339303265	2339303724	F000SH0136
	2339303339	6004AF1027	F00ASH0120
	2339303351	6004AF1029	

Marş Motor No **Unit No**	0001107003	0001107021	STB9619BA
	0001107004	0001107022	STV1062WA
	0001107007	020911023P	YM2111000BB
	0001107008	020911023PX	
	0001107020	020911023H	

Araç Model **Vehicle Model**	**AUDI** A3
	SEAT ALHAMBRA, CORDOBA ,IBIZA, LEON, TOLEDO
	SKODA FABIA, OCTAVIA
	VW BORA, GOLF, JETTA, NEW BEATLE, POLO, SHARAN



Marş Otomatiği / *Starter Solenoids*

Ürün Tipi / *Replacing:* Bosch

Ürün Numarası **Product Code**	**SBO-1371**
Volt	12V
Uygun Oem No **Replacing Oe-Ref**	2339304015 2339304047 2339304050

Marş Motor No **Unit No**	0001107043	0001109389
	0001107087	F004A94410
	0001107407	1307578
	0001107410	1309581
	0001107417	2S6U11000CA
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	0001107499	2S6U11000DA
	0001107500	2S6U11000DB
	0001107501	96FB11000KB
	0001107502	96FB11000KC
	0001108408	96FB11000KD
	0001108430	
	0001108431	
	0001109204	
	0001109341	

Araç Model
Vehicle Model

FORD

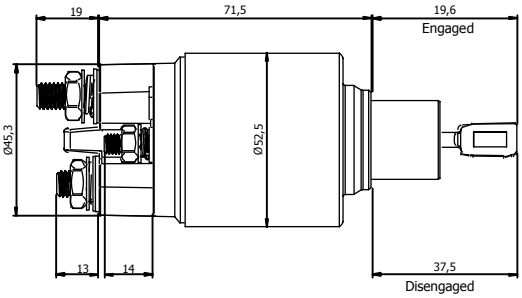
Çeşitli Modeller / Various Models

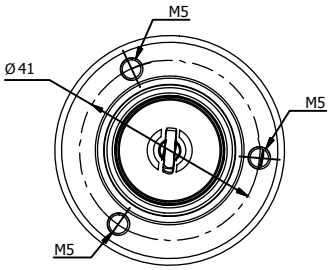
VOLVO

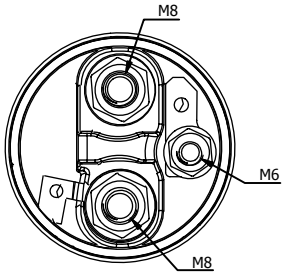
C30 (533) 1.6 2006 2021 S40

II (544) 1.6 2005 2021 V50

(545) 1.6 2005 2021



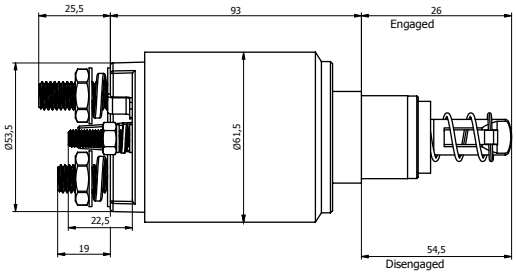


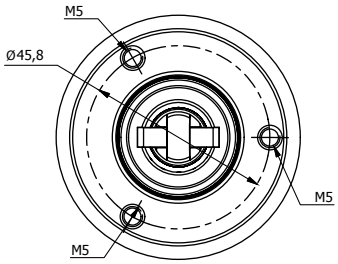


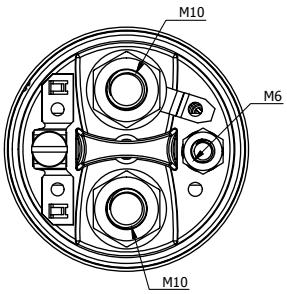
Marş Otomatiği / *Starter Solenoids*

Ürün Tipi / *Replacing:* Bosch

Ürün Numarası **Product Code**	**SBO-1639** **YENİ / NEW**
Volt	24V
Uygun Oem No **Replacing Oe-Ref**	2339402117 2339402156 2339402180
Marş Motor No **Unit No**	0001231002 0001231032 0001261014 0001410037
Araç Model **Vehicle Model**	**MERCEDES-BENZ** Çeşitli Modeller / Various Models







Marş Otomatiği / *Starter Solenoids*

Ürün Tipi / *Replacing:* Bosch

Ürün Numarası **Product Code**	**SBO-2371**
Volt	12V
Uygun Oem No **Replacing Oe-Ref**	2339304018 2339304021 2339304039 2339305089

Marş Motor No **Unit No**			
	0001106018	0001107406	0001109355
	0001106019	0001107459	0001109356
	0001106026	0001107461	0001109357
	0001106027	0001108167	0001110112
	0001107037	0001108171	0001115008
	0001107048	0001108173	0001115056
	0001107054	0001108181	0001115072
	0001107062	0001108184	0001115079
	0001107067	0001108234	0001115089
	0001107072	0001109014	0001121423
	0001107076	0001109028	0001121427
	0001107078	0001109029	0001121444
	0001107083	0001109031	0001125057
	0001107096	0001109036	0041516501
	0001107401	0001109267	0041518101
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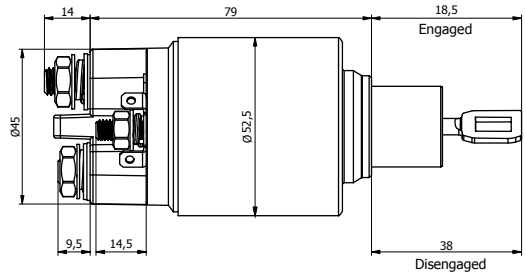
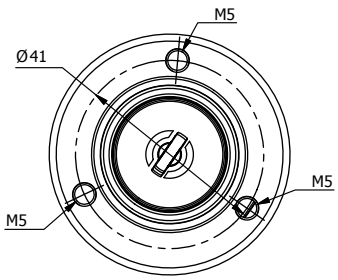
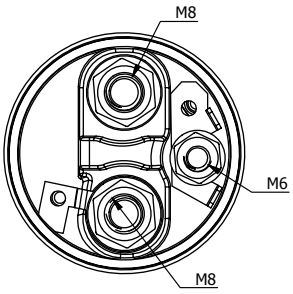
Araç Model **Vehicle Model**	**MERCEDES-BENZ** Çeşitli Modeller / Various Models







Marş Otomatiği / *Starter Solenoids*

Ürün Tipi / *Replacing:* Bosch

Ürün Numarası **Product Code**	**SBO-2571**
Volt	24V

Uygun Oem No **Replacing Oe-Ref**	0331302087	0331303015	0331303040
	0331303003	0331303019	0331303503
	0331303007	0331303030	0331303530
	0331303010	0331303038	

Marş Motor No **Unit No**	0001208200	0001313006
	0001208201	0001314002
	0001208208	0001314018
	0001208213	0001314022
	0001208226	9000082042
	0001208506	9000082043
	0001211214	9000082045
	0001211216	9000082049
	0001211218	9000082050
	0001211219	9000082054
	0001311118	9000082057
	0001311122	9000082060
	0001311136	9000082065
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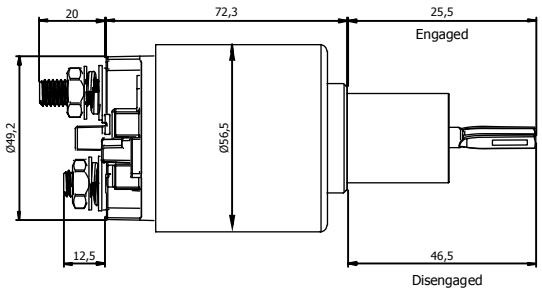
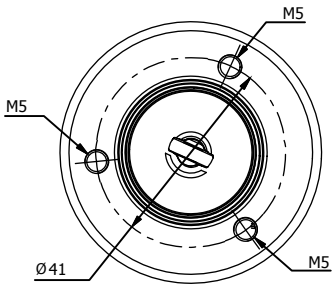
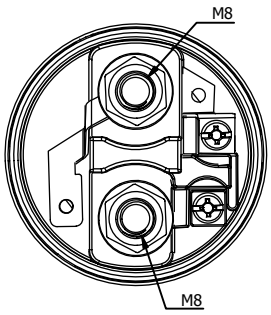
Araç Model
Vehicle Model

AUDI
Çeşitli Modeller / Various Models
VW
Çeşitli Modeller / Various Models







Marş Otomatiği / *Starter Solenoids*

Ürün Tipi / *Replacing:* Bosch

Ürün Numarası
Product Code **SBO-3381**

Volt 12V

Uygun Oem No
Replacing Oe-Ref 77364101, 2339305033, 2339305051, 77364101

Marş Motor No
Unit No

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0001107459	0001115051	96681447
0001109205	0001115079	9668144780
0001109267	0001109334	94860420600
0001109300	0001109335	1385378
0001109301	0001109387	1372739
0001109302	0001109388	1574338
0001109303	0001115051	1669558
0001109306	0001115079	6C1T1000AB
0001109313	0001115088	6C1T1000AC
0001109324	0001115089	6C1T11000AD
0001109325	0001115092	6C1T11000AE
0001109332	0001115093	5802AS
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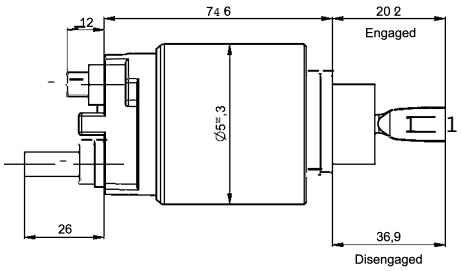

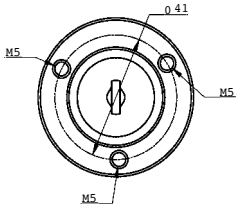

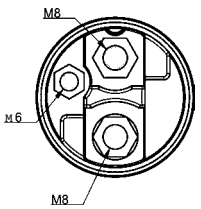

Araç Model
Vehicle Model

FIAT-IVECO
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Zeta 79-14 1983-1985,
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Zeta 95-14 1983-1985

FIATALLIS
560 1985,
645 1985,
65 B 1986,
DI 130 C 1988,
DI 150 C 1988,
FE 12 1983,
FE 12R 1983,
FE 14 1985,
FE 16 1985,
FL 4C 1970-1978,
FL 4D 1970-1978,
FR 7 1985,
FR 9 1982-1987,
TL5 1970-1978

SCANIA
82 H/210 78 1981-1988,
82 M/190 78 1982-1988,
82 M/210 78 1981-1988,
92 H/245 85 1987-1988,
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93 H/220 85 1991-1997,
93 H/250 85 1988-91-97,
93 H/280 85 1991-1997,
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94 C/300 902000-2004,
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N 7 67 1977-1980,

CASE
Various Models 1987-1992, W15 Loader

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SCANIA
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T 124 G/420 117 1995-2002,
T 124 L/360 117 1995-2002
T 124/420 1995-2002

Marş Otomatiği / *Starter Solenoids*

Ürün Tipi / *Replacing:* Bosch

Ürün Numarası Product Code	**SBO-3639**
Volt	24V
Uygun Oem No Replacing Oe-Ref	2339402220, 2339402230, F042010673, 1658730

Marş Motor No Unit No

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0001241003	0986021480
0001241004	F042002135
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0001241008	1667205
0001241012	1688720
0001241014	1447911
0001241016	1796026
0001241019	51262017239
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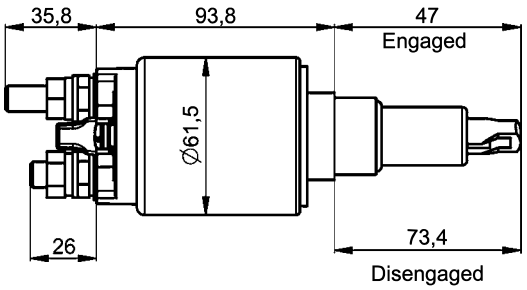
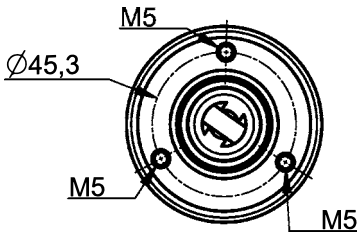
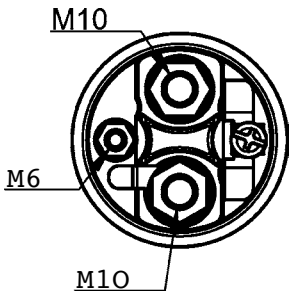
0001261002	S0138
0001261005	8013701
0001261014	
0001261026	



Araç Model Vehicle Model

SCANIA	DAF	MERCEDES BENZ
Série P P 230 2004,	CF 85340 126 2001,	T1 MAN 18480 128 2002-2006,
Série P P 270 2004,	CF 85380 126 2001,	MAN 18530 128 2002-2006,
Série P P 310 2004,	CF 85430 126 2001,	MAN 24480 128 2003-2006,
Série P P 340 2004,	CF 85480 126 2001,	MAN 24530 128 2002-2006,
Série P P 380 2004,	XF 95380 126 2002,	MAN 26480 128 2002-2006,
Série P P 420 2004,	XF 95430 126 2002,	MAN 26530 128 2002-2006,
Série P P 470 2004,	XF 95480 126 2002,	MAN 28480 128 2003-2006,
Série P P 480 2004,	XF 95530 126 2002,	MAN 28530 128 2002-2006,
Série R R 230 2004,		MAN 32480 128 2004-2006,
Série R R 270 2004,		MAN 32530 128 2004,
Série R R 310 2004,		MAN 33480 128 2002-2006,
Série R R 340 2004,		MAN 33530 128 2002-2006,
Série R R 380 2004,		MAN 35480 128 2003-2006,
Série R R 420 2004,		MAN 35530 128 2004-2006,
Série R R 470 2004,		MAN 37480 128 2004-2006,
Série R R 480 2004,		MAN 37530 128 2003-2006,
Série T T 340 2004-2005,		MAN 40480 128 2004-2006,
Série T T 380 2004-2005,		MAN 41480 128 2003-2006,
Série T T 420 2004-2005,		MAN 41530 128 2003-2006
Série T T 470 2004-2005		

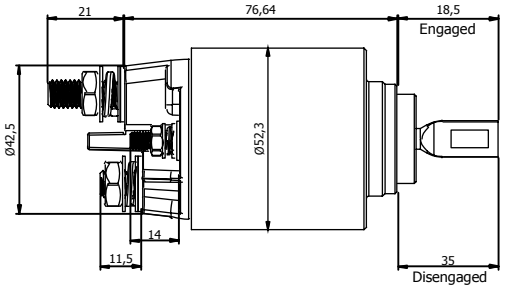


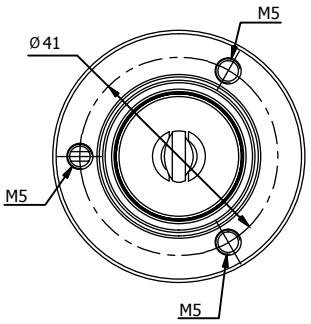


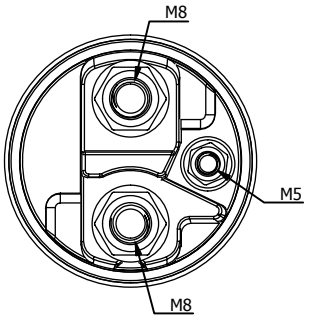
Marş Otomatiği / *Starter Solenoids*

Ürün Tipi / *Replacing:* Bosch

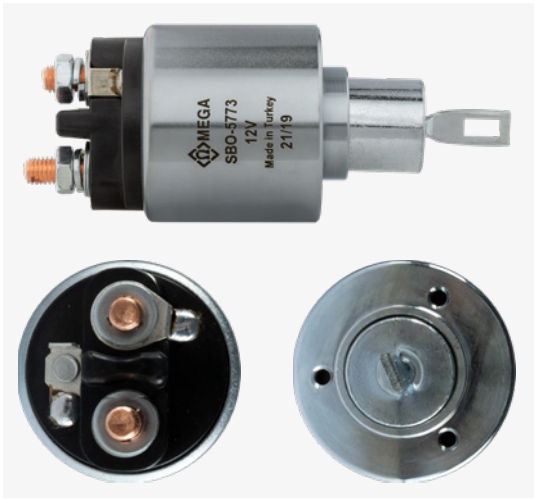
Ürün Numarası **Product Code**	**SBO-4382**
Volt	12V
Uygun Oem No **Replacing Oe-Ref**	2339305018
Marş Motor No **Unit No**	1108183 0001108400 0001109364
Araç Model **Vehicle Model**	**CITROËN** Çeşitli Modeller / Various Models **DS** Çeşitli Modeller / Various Models **FIAT** Çeşitli Modeller / Various Models **LANCIA** Çeşitli Modeller / Various Models **MITSUBISHI** Çeşitli Modeller / Various Models **PEUGEOT** Çeşitli Modeller / Various Models

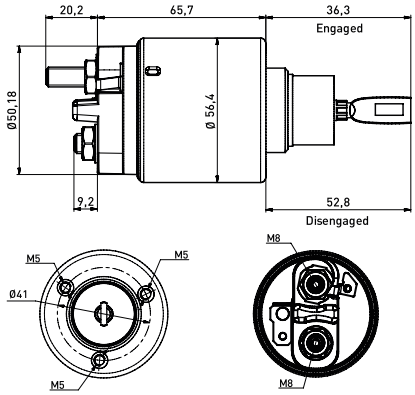






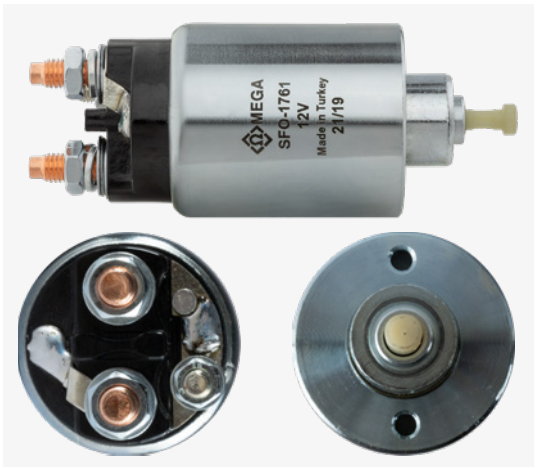
Marş Otomatiği / *Starter Solenoids*
Ürün Tipi / *Replacing*: Bosch

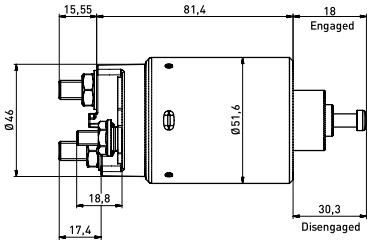


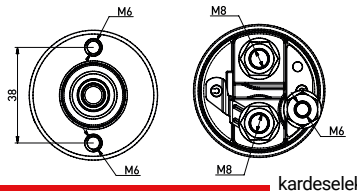


Ürün Numarası / Product Code	**SBO-5773**	
Volt	12V	
Uygun Oem No / Replacing Oe-Ref	0331303066	
	9330081062	
Marş Motor No / Unit No	0001110017	0001125602
	0001125507	0001208507
	0001125508	0001208516
	0001125517	0001208518
	0001125518	0001208707
Araç Model / Vehicle Model	**AUDI**	**VW**
	A4 1.6 L 1994 - 2003	PASSAT 1.6 L 1996 - 2005
	A4 1.8 L 1994 - 2004	PASSAT 1.8 L 1996 - 2005
	A4 2.0 L 2001 - 2004	PASSAT 2.0 L 1996 - 2005
	SKODA	
	SUPERB 1.8 L 2001-2008	
	SUPERB 2.0 L 2001-2008	

Marş Otomatiği / *Starter Solenoids*
Ürün Tipi / *Replacing*: Ford





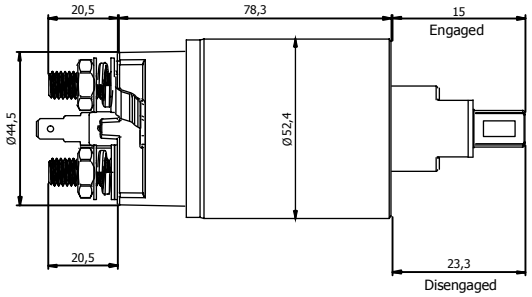


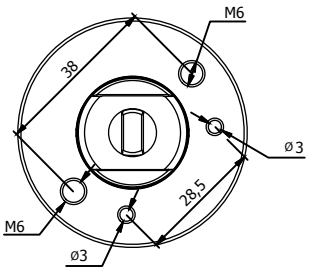
Ürün Numarası / Product Code	**SFO-1761**		
Volt	12V		
Uygun Oem No / Replacing Oe-Ref	E3RZ11390A	SW2506	
	F3RZ11390A	SW2507	
	F3RZ11390B	XS6U11390AA	
	F78Z11390AA	XS7U11390AA	
Marş Motor No / Unit No	1S4U11000AA	5268413	97VB11000AA
	1S7U11000AA	6G9N11000EB	98AB11000BC
	1S7U11000AB	6G9N11000FA	98VB11000BA
	1S7U11000AC	6L5Z11002ARM	F2OU11131AA
	1S7U11000BA	93BB11000JB	F3RZ11002A
	2T1411000BA	93BB11000KD	F3RZ11002B
	3R8311000AA	97BB11000BB	F77U11000AA
Araç Model / Vehicle Model	**FORD**		
	Connect, Escort, Focus, Fiesta, Mondeo, Tourneo, Transit		

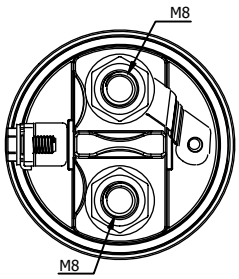
Marş Otomatiği / *Starter Solenoids*

Ürün Tipi / *Replacing:* Hitachi

Ürün Numarası **Product Code**	**SHI-1981**
Volt	12V
Marş Motor No **Unit No**	S13106 S13106A S13106B S13106C S13107 S13107A S13117A S13122 S13126 S13126A S13127 S13213 S13327 S13327A S14205
Araç Model **Vehicle Model**	**FORD** MAVERICK (UDS, UNS) 2.7 TD 1996 1998 MAVERICK (UDS, UNS) 2.7 TD 1993 1996



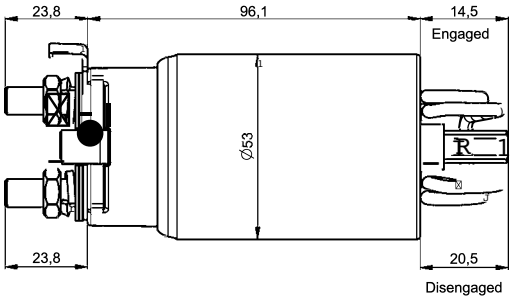


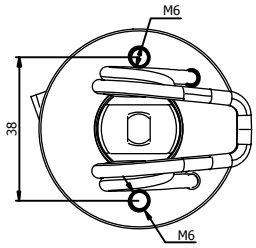


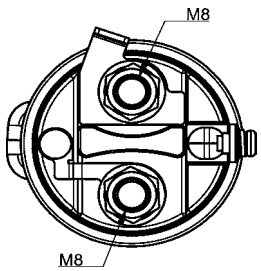
Marş Otomatiği / *Starter Solenoids*

Ürün Tipi / *Replacing:* Hitachi

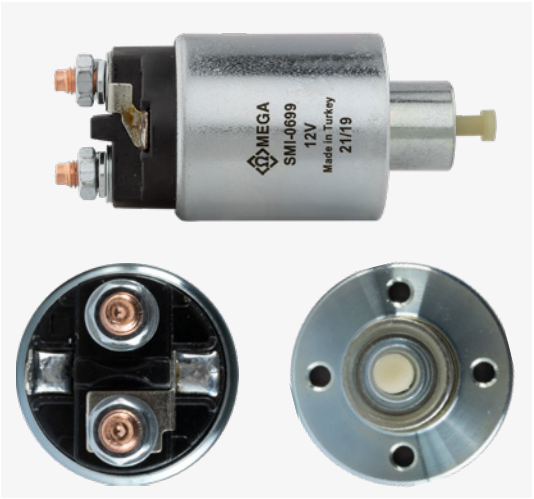
Ürün Numarası **Product Code**	**SHI-3982**
Volt	24V
Uygun Oem No **Replacing Oe-Ref**	225077008 225087007 8970656020 8972175690
Marş Motor No **Unit No**	S25501 S25501B S25505E S25505G S25514
Araç Model **Vehicle Model**	**ISUZU** NKR 3.6 NKR66 1987 **NISSAN** Cabstar 5.7 818 1985 YE 03 1980 YGF 03 1980 ATAMAN A-092 4.6D 2012 BOGDAN A-091 4.6D 2000-2003 BOGDAN A-092 4.6D 2003-2012 Cabstar 5.7 1985, YE 03 1980 YGF 03 1980 Atlas, SGH40 SH40 SQH40 Condor SQH40 SGH40 SH40 NPR72G

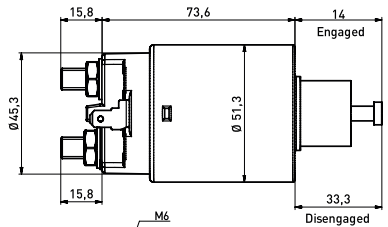


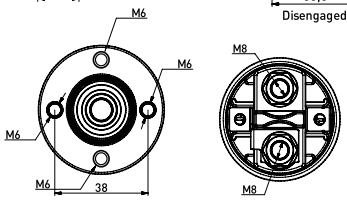




Marş Otomatiği / *Starter Solenoids*
Ürün Tipi / *Replacing:* Mitsubishi

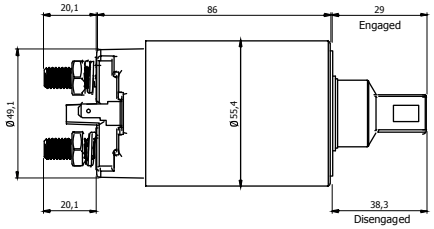


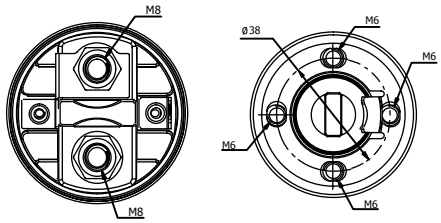




Ürün Numarası / Product Code	**SMI-0699**
Volt	12V
Uygun Oem No / Replacing Oe-Ref	E35618X10, MD618728, M371X60171, MD619114, M371X71473, MD619140, MD607889
Marş Motor No / Unit No	M0T80783, M3T32591, M0T85281, M3T33586D, M1T70481, M3T42881, M3T25981, MD189054
Araç Model / Vehicle Model	**HYUNDAI** Accent **MITSUBISHI** L300

Marş Otomatiği / *Starter Solenoids*
Ürün Tipi / *Replacing:* Mitsubishi



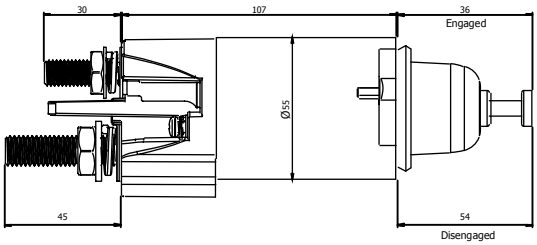


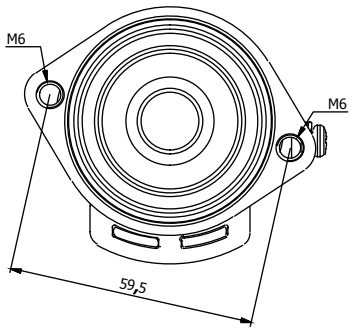
Ürün Numarası / Product Code	**SMI-0896**
Volt	24 V
Uygun Oem No / Replacing Oe-Ref	3612041100, M372X10271, ME700119, 3612045100, M372X10371, ME700135, 3612048100, M372X10372, ME700316, M371X02071, M372X10372PS, ME700984, M371X10171, M372X10971, ME753349, M372X08871, M372X11071, M372X10171, M372X11171
Marş Motor No / Unit No	3610045500, M2T66871, M2T67882, ME017035, 3610048100, M2T66872, M2T67883, ME017036, 5268413, M2T66872, M2T67884, ME017056, M2T64271, M2T66873, M3T54072, ME017061, M2T64371, M2T67871, M81R3001, ME017085, M2T64372, M2T67871, M8T60971, ME017089, M2T64373, M2T67872, M8T77071, M2T65271, M2T67873, M8T80471, M2T65272, M2T67881, ME017034
Araç Model / Vehicle Model	**MITSUBISHI** Canter 3.9

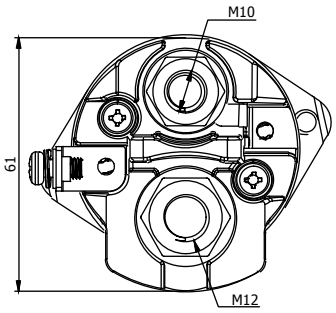
Marş Otomatiği / *Starter Solenoids*

Ürün Tipi / *Replacing:* Mitsubishi

Ürün Numarası **Product Code**	**SMI-0753C**
Volt	24V
Marş Motor No **Unit No**	M009T20171 M9T20171 0051516401 005151640180 0061511501 006151150180 0071510101 0071510201 A0071510201
Araç Model **Vehicle Model**	**MERCEDES-BENZ** Çeşitli Modeller / Various Models







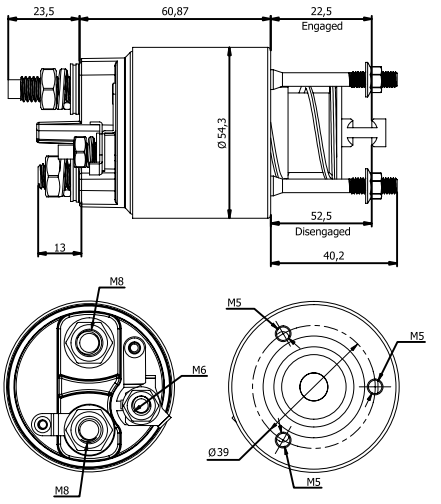
Marş Otomatiği / *Starter Solenoids*

Ürün Tipi / *Replacing:* Mako

Ürün Numarası **Product Code**	**SMA-3395** **YENİ / NEW**
Volt	12V
Uygun Oem No **Replacing Oe-Ref**	63602404 63602109

Marş Motor No **Unit No**	12412248314	63114014	STE1109WA
	2873K404	63280040	STE1109YJ
	2873K405	S4017	STE1124
	63114008	S4029	STE8655WA
	63114010	S4030	

Araç Model **Vehicle Model**	**KARSAN** **PEUGEOT** BOXER **FIAT** DUCATO **FORD** TRANSIT 02 1.8Kw 2.3 Kw 404, **DUCATO** DAILY **JCB** IS MAKINASI **HIDROMEK**



Marş Otomatiği / *Starter Solenoids*

Ürün Tipi / *Replacing:* Mitsubishi

Ürün Numarası / Product Code **SMI-0893**

Volt 12V

Uygun Oem No / Replacing Oe-Ref

M371X45971	M372X02871
M372X00171	M372X06871
M372X00471	MD607448
M372X02171	MD607634
M372X02371	ME700115

Marş Motor No / Unit No

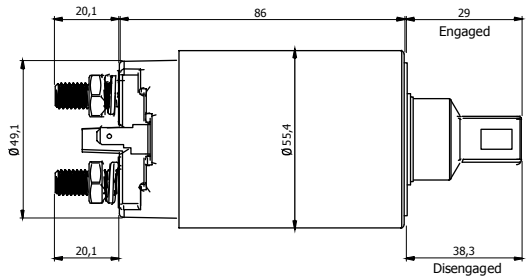
M002T56171	M2T56181	M3T61071
M002T56271	M2T56182	M3T61171
M002T56272	M2T56271	M8T70371
M008T70371	M2T56272	M8T71571
M008T71571	M2T56472	M8T75171
M008T75171	M2T56475	M8T75971
M2T51085	M2T57371	MD121581
M2T54172	M2T60171	MD164975
M2T54271	M2T60185	MD164976
M2T54272	M2T61071	MD164977
M2T54871	M2T61171	MD164978
M2T54881	M2T63271	ME200206
M2T54882	M2T63371	MM409411
M2T56071	M2T74171	MM409412
M2T56072	M2T92071	
M2T56171	M2T92071A	

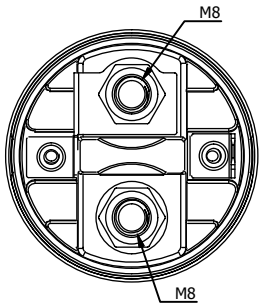
Araç Model / Vehicle Model

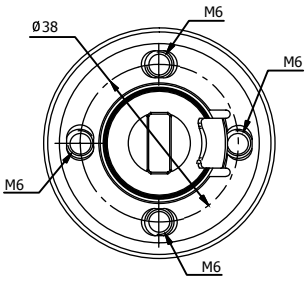
HYUNDAI
H1 2.5D 1997 - 2007
H100 2.5D 1997 - 2007
Starex 2.5D 1997 - 2007

MITSUBISHI
L200 2.5D 1986 - 1996
L300 2.5D 1983 - 2006

KIA
K2500 2.5D 2003 -> Pregio 2.5D 1995 - 2004



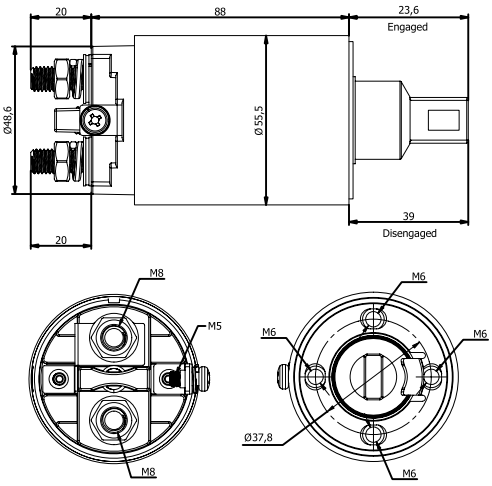




Marş Otomatiği / *Starter Solenoids*

Ürün Tipi / *Replacing:* Mitsubishi

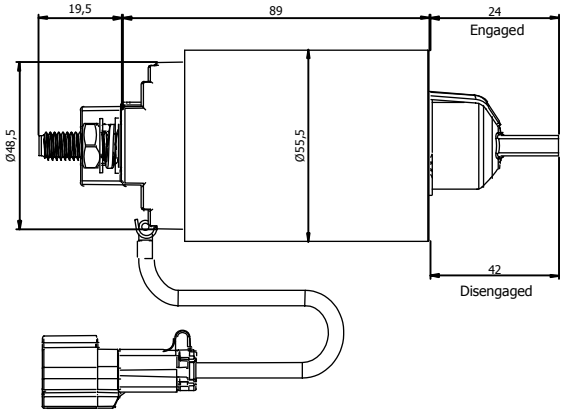
Ürün Numarası **Product Code**	**SMI-0894** **YENİ / NEW**
Volt	12V
Uygun Oem No **Replacing Oe-Ref**	M372X00171 M372X02371
Marş Motor No **Unit No**	0K60118400 M002T56071 2330005E10 M002T56072 2330006J03 M002T56171 2330009E10 M002T56271 32A6610101 STA2305EC 3610042C10 TM000A08501
Araç Model **Vehicle Model**	**MITSUBISHI** L300 - H 100 ESKI MODEL (672B) **FORD** ECONOVAN **KIA** BESTA, SPORTAGE **MAZDA** 323, 626, B 2200, 2200 **SUZUKI** GRAND VITARA

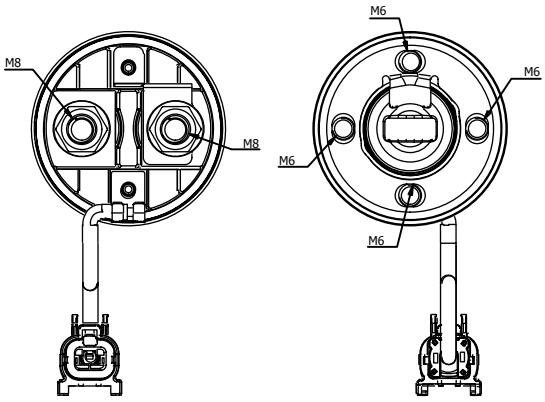


Marş Otomatiği / *Starter Solenoids*

Ürün Tipi / *Replacing:* Mitsubishi

Ürün Numarası **Product Code**	**SMI-2896**
Volt	24V
Uygun Oem No **Replacing Oe-Ref**	M372X11871 ME701490
Marş Motor No **Unit No**	M008T80071 M008T80071A M008T80071B M8T80071 ME012994 ME012995 ME014418
Araç Model **Vehicle Model**	**MITSUBISHI** Canter (FE5, FE6) VI Canter 60 1996, Canter (FE5, FE6) VI Canter 60 1996



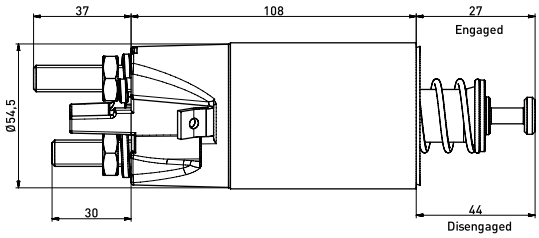


Marş Otomatiği / *Starter Solenoids*

Ürün Tipi / *Replacing:* Mitsubishi

Ürün Numarası **Product Code**	**SMI-2897**
Volt	24V
Uygun Oem No **Replacing Oe-Ref**	M371XB4171 M371XB4178 M371XB4180 M371XB6571 M373XB6571

Marş Motor No **Unit No**			
	M009T60471	M9T60172	M9T62071
	M009T60671	M9T60371	M9T62571
	M009T60672	M9T60372	M9T62572
	M009T61571	M9T60471	M9T62671
	M009T62172	M9T60671	M9T62971
	M009T62671	M9T60672	M9T64671
	M009T62671AM	M9T61171	M9T64771
	M8T60171	M9T61471	M9T64971
	M8T62471	M9T61474	M9T64972
	M8T62671	M9T61571	
	M8T63271	M9T61971	

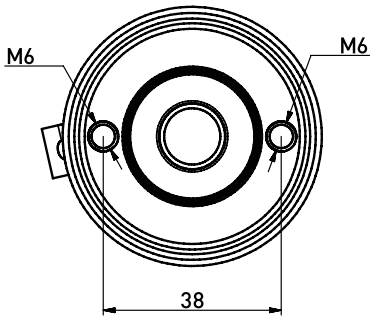


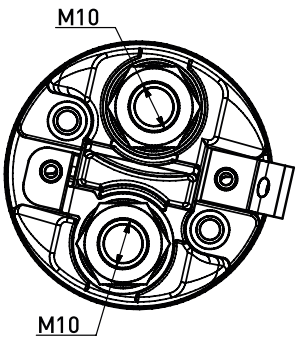
Araç Model
Vehicle Model

MAN
Tga 18.480 2002
Tga 18.530 2002
Tga 18.530 2002
Tga 24.480 2002
Tga 24.530 2001
Tga 26.480 2002
Tga 28.480 2002
Tga 28.530 2002
Tga 32.480 2002
Tga 23.480 2002
Tga 33.530 2002
Tga 35.480 2003
Tga 35.530 2004
Tga 40.480 2004
Tga 41.530 2002

RENAULT
Magnum
Premium
Kera
Midlum
Manager
Maxter

VOLVO
Fe 240-18
Fe 240-26
Fe 260-18
Fe 240-26
Fe 260-18
Fe 260-26
Fe 280-18
Fe 280-26
Fe 300-18
Fe 300-18
Fe 300-26 2012
Fh 400
Fh 440
Fh 480 2005
Fh 520 2005
Fh 420
Fh 460 2009
Fh 500 2005





Marş Otomatiği / *Starter Solenoids*
Ürün Tipi / *Replacing:* Mitsubishi

Ürün Numarası / Product Code **SMI-2993**

Volt 12V

Marş Motor No / Unit No

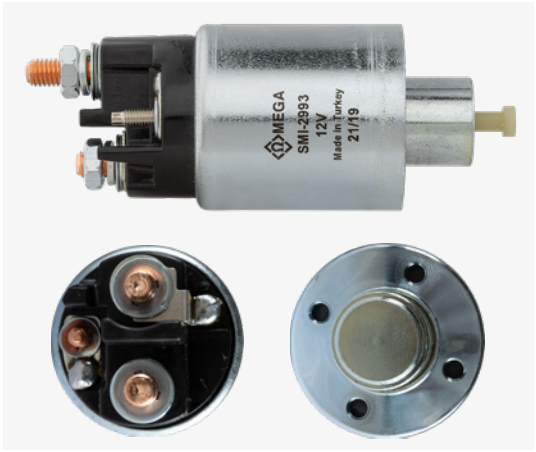
M000T35771	M0T35471	M0T86181
M000T86181	M0T35671	M0T87881
M000T87881	M0T35771	M0T91581
M000T91581	M0T46371	M0T93381
M001T85681	M0T46371	M1T85681
M001T85781	M0T46371ZT	M1T85781
M001T85981	M0T46371ZT	M1T85981

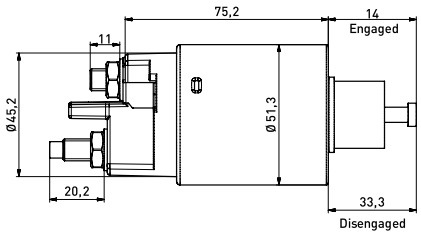
Araç Model / Vehicle Model

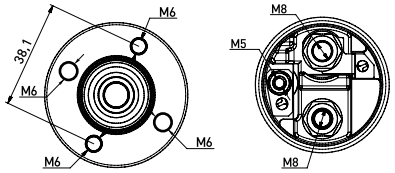
DACIA
Dokker 1.5 Dc,
Duster 1.5 Dc,
Logan 1.5 Dc,
Sandero 1.5 Dc

NISSAN
Almera 1.5 Dc,
Micra 1.5 Dc,
Qashqa 1.5 Dc

Renault
Clio 1.5 Dc,
Fluence 1.5 Dc,
Kangoo 1.5 Dc,
Megane 1.5 Dc,
Scenic 1.5 Dc







Marş Otomatiği / *Starter Solenoids*
Ürün Tipi / *Replacing:* Mitsubishi

Ürün Numarası / Product Code **SMI-4699**

Volt 12V

Uygun Oem No / Replacing Oe-Ref

E35618X10	MD618728
M371X60171	MD619114
M371X71473	MD619140
MD607889	

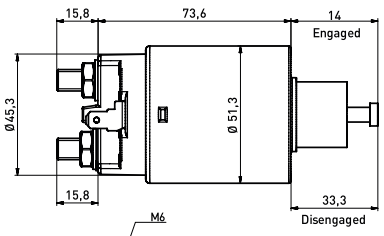
Marş Motor No / Unit No

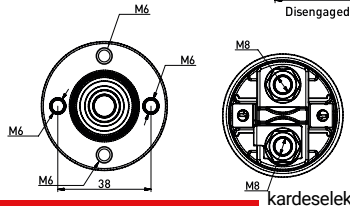
M0T80783	M3T32591
M0T85281	M3T33586D
M1T70481	M3T42881
M3T25981	MD189054

Araç Model / Vehicle Model

HYUNDAI
Accent

MITSUBISHI
L300





Marş Otomatiği / *Starter Solenoids*
Ürün Tipi / *Replacing:* Mitsubishi

Ürün Numarası / Product Code **SMI-5897**

Volt 24 V

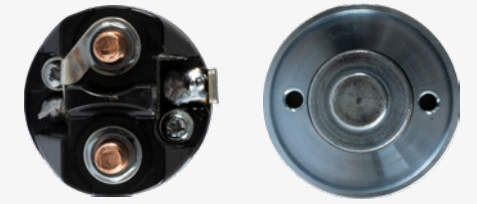
Uygun Oem No / Replacing Oe-Ref
M371XB2171, M371XB2371, M371XB2571, M371XB3571, M371XC3571, ME701442, ME701443

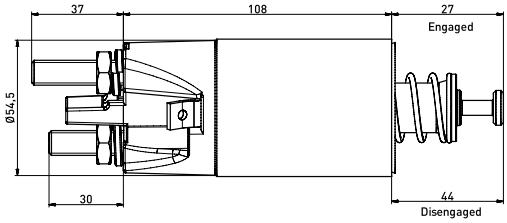
Marş Motor No / Unit No
M008T60371, M008T60372, M008T60373, M8T60071, M8T60071A, M8T60071C, M8T60271, M8T60371, M8T60372, M8T60373, M8T60471, M8T62271, M8T85071, M8T85271, M8T85271B, M8T85571, M8T85671, M8T85771, M8T87271, M93R3007SE, M9T64671, ME077796, ME220480

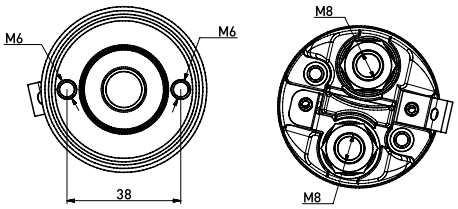
Araç Model / Vehicle Model
CAT - 3066T 320C

MITSUBISHI - Canter 3.3 1986 - 1992, Canter 3.9 Td 1996 -> Fuso 3.9 1999 -> Fuso 4.2 1999 -> Fuso Canter 3.9 1999 - 2004, Forklft, Pajero 3.2 2000

KOBELCO - Sk210v1







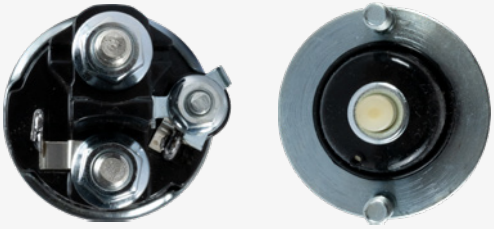
Marş Otomatiği / *Starter Solenoids*
Ürün Tipi / *Replacing:* Nippon Denso

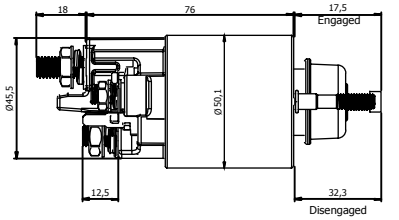
Ürün Numarası / Product Code **SND-2708**

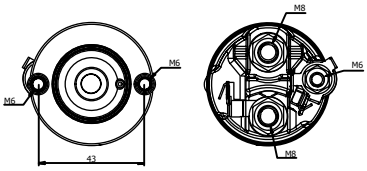
Volt 12V

Marş Motor No / Unit No
4280004600
DNS968

Araç Model / Vehicle Model
MERCEDES-BENZ
Çeşitli Modeller / Various Models



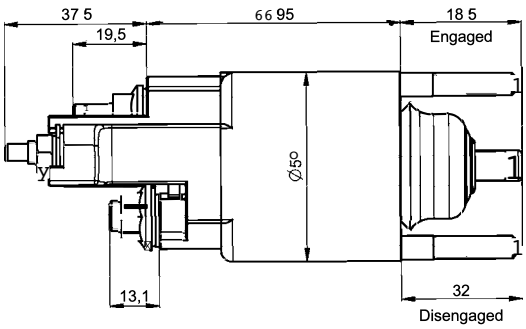


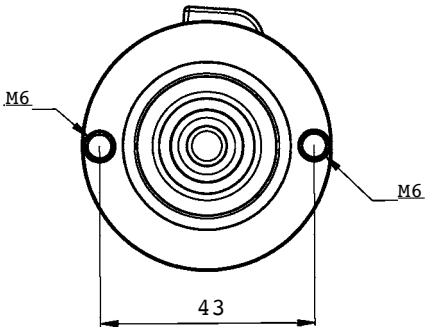


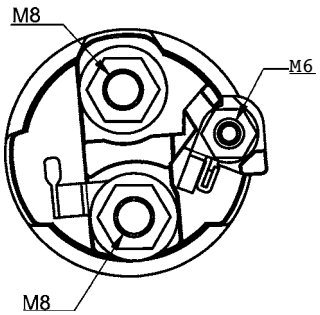
Marş Otomatiği / *Starter Solenoids*

Ürün Tipi / *Replacing:* Nippon Denso

Ürün Numarası **Product Code**	**SND-3708**
Volt	12V
Uygun Oem No **Replacing Oe-Ref**	0021520310 A0021520310
Marş Motor No **Unit No**	428000-5510 4280005511 4280005580 DSN967 0061514501 6519060026 A0061514501 A6519060026







Araç Model **Vehicle Model**	**MERCEDES-BENZ**	
	C 180 Kompressor 2011	Sprinter 213 2.1 CDi 2009
	C 180 2.1 CDi 2011	Sprinter 216 2009
	C 200 Kompressor 2009	Sprinter 313 2.1 CDi 2009
	C 200 2.1 CDi 2010	Sprinter 313 2.1 CDi 4x4 2009
	C 200 2.1 CDi 2011	Sprinter 316 2009
	C 220 Kompressor 2008	Sprinter 316 2.1 CDi 2009
	C 220 2.1 CDi 2008-2009	Sprinter 316 2.1 CDi 4x4 2009
	C 250 Kompressor 2008	Sprinter 416 2009
	C 250 2.1 CDi 2009	Sprinter 516 2009
	C 250 2.1 CDi 4-Matic 2010	Viano 200 CDI 2010
	E 200 2.1 CDi 2009	Viano 2.0 CDi 2010,
	E 220 Kompressor 2008	Viano 2.0 CDi 4x4 2010
	E 220 2.1 CDi 2009-2010	Viano 2.2 CDi 2010
	E 250 Kompressor 2009	Viano 2.2 CDi 4x4 2010
	E 250 2.1 CDi 2009-2010	Viano 220 CDI 2010
	E 250 2.1 CDi 4-Matic 2009-2010	Vito 113 CDI 2010
	GLK 200 Kompressor 2010	Vito 113 2.1 CDi 2010
	GLK 200 2.1 CDi 2010	Vito 113 2.1 CDi 4x4 2010
	GLK 220 Kompressor 2008	Vito 116 2.1 CDi 2010
	GLK 220 2.1 CDi 2008	Vito 116 2.1 CDi 4x4 2010
	GLK 220 2.1 CDi 4-Matic 2008	Vito 116 CDI 2010
	GLK 250 Kompressor 2009	
	GLK 250 2.1 CDi 4-Matic 2009	
	SLK 250 2.1 CDi 2012	

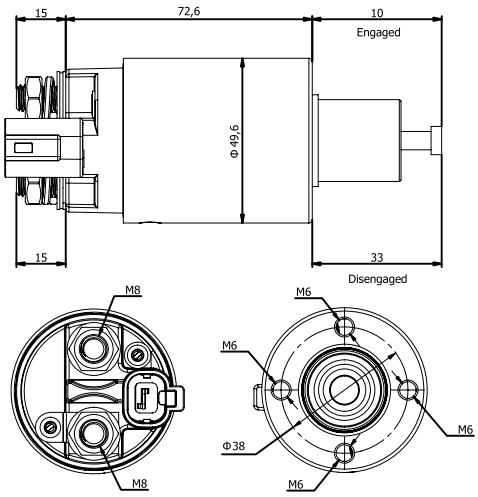
Marş Otomatiği / *Starter Solenoids*

Ürün Tipi / *Replacing:* Valeo

Ürün Numarası **Product Code**	**SVA-2A300** **YENİ / NEW**
Volt	12V
Uygun Oem No **Replacing Oe-Ref**	595893 691880

Marş Motor No **Unit No**	1199875	STA1365BA	STA6132BA
	1207077	STA1365LC	STA6132ZD
	1250295	STA1365RN	STA7132BA
	361002A300	STA1365YJ	STM6132BS
	361004A900	STA1728LC	STV1365LC
	600717	STA584BA	STV1555LC
	S0001195925	STA5884RN	TM000A33401

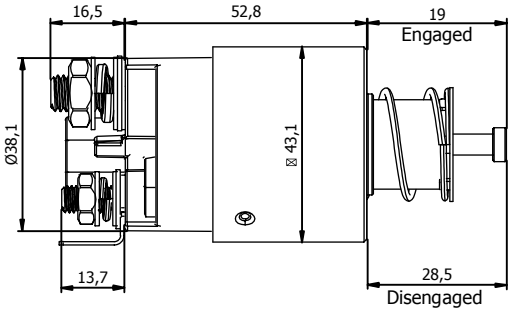
Araç Model **Vehicle Model**	**HYUNDAI** i20, i30, iX20, **KIA** SOUL, VENGA

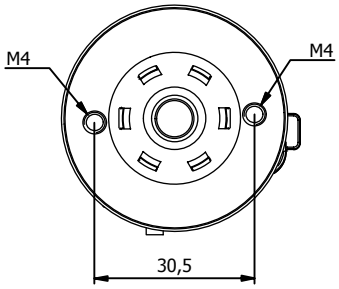


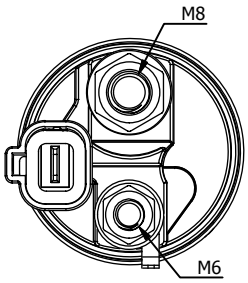
Marş Otomatiği / *Starter Solenoids*

Ürün Tipi / *Replacing:* Kore Valeo

Ürün Numarası **Product Code**	**SVA-0391**
Volt	12V
Uygun Oem No **Replacing Oe-Ref**	36120-03602 36120-2B100
Marş Motor No **Unit No**	3610003100 3610003200 361002B100
Araç Model **Vehicle Model**	**HYUNDAI** i20 I (PB, PBT) 1.4 2008 2015 i20 I (PB, PBT) 1.6 2008 2012 i30 (FD) 1.6 2008 2011 i30 Station wagon (FD) 1.4 2009 2012 i30 Station wagon (FD) 1.6 2008 2012 ix20 (JC) 1.4 2010 ix20 (JC) 1.6 2010 **KIA** Çeşitli Modeller / Various Models







Marş Otomatiği / *Starter Solenoids*

Ürün Tipi / *Replacing:* Valeo

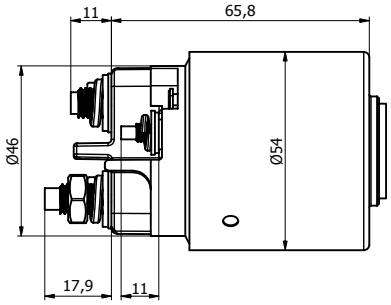
Ürün Numarası
Product Code **SVA-0490**

Volt 12V

Uygun Oem No
Replacing Oe-Ref 594118, 594140, 594426

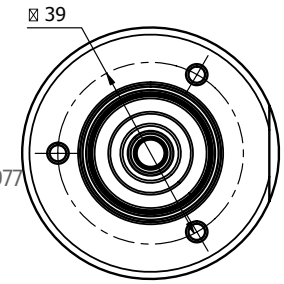
Marş Motor No
Unit No

D7R1	D7R11
D7R3	D7R15
D6RA100	D7R151
D6RA43	



Araç Model
Vehicle Model

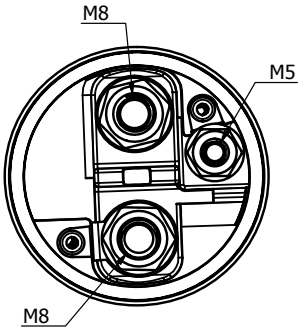
CITROËN
Berlingo 11 1996-2002,
Berlingo 14 B valent 112002,
Berlingo 14 1996-2002,
Berlingo 16 16V 2000,
C2 16 2003,
C2 11 2003,
C2 14 2003,
C2 14 16V 2006,
C2 16 VTS 2 004
C3 11 2002,
C3 14 2002-2007,
C3 14 16V 2003,
C3 14 B v alent 2002,
C3 16 2003,
C3 16 16V 2002,
C4 16 16V 2004,
Nemo 14 2008,
Saxo 10 1996-2003,
Saxo 11 1996-2003,
Saxo 14 VTS 2000-2003,
Saxo 14 VTS 1996,
Saxo 15 D 1996,
Saxo 16 1996,
Saxo 16 16V 1996,
Saxo 16 VTS 2000,
Xsara 14 2000-2005,
Xsara 14 1997-2005,
Xsara 15D 1996,
Xsara 16 16V 2000-2005,
Xsara 16 1997-2000,
Xsara 16 Picasso 2000-2002,
Xsara 16 16V Picasso 2005,
BX 11 1988-1992,
BX 14 14 1989-1993,
2 CV 4 with A53 engine 1963-1970,
2 CV 4 with A79/1 engine 1970-1975,
ZX 11 1991-1997,
ZX 14 1991-1997
2 CV 6 with A06/635 engine 1970-1990
AX 10 1986-1992,
AX 10 10 1997-1998,
AX 10 E 1986-1988,
AX 10 1986-1998,
AX 11 Cat 1988-1989,
AX 11 1986-1997,
AX 11 11 1991-1996,
AX 11 11 4x4 1991-1992,
AX 13 13 Sport 1987-1988,
AX 14 14 1986-1996,
AX 14 14 GTi 1991-1996,
AX 14 1,4 4x4 1988-1996,
AX 15 D 1994-1992,
C15 10 1988-1995,
Acadiane 6 with M28/1 engine 1978-1988
Ami 8 (AM3) with M28 engine 1969-1977
Ami Breack 8 (AM3) with M28 engine 1969-1977
Dyane 4 with A79/0 engine 1967-1968
Dyane 4 with A79/1 engine 1968-1975
Dyane 6 with M28 engine 1972-1980
Dyane 6 with M28/1 engine 1968-1984
Mehari 06 with M28/1 engine 1979-1987
Mehari 4x4 with A06/635 engine 1979-1987



FIAT
Fiorino 13 2007

PEUGEOT
106 10 1991-1996,
106 I 15 D 1994-1996,
1007 16 2005

RENAULT
Fuego 14 1980-1985,
R4 08 1962-1989,
R5 08 1982-1984,
Rodeo 08 4 1971-1981



Marş Otomatiği / *Starter Solenoids*

Ürün Tipi / *Replacing:* Valeo

Ürün Numarası Product Code	**SVA-0491**
Volt	12V

Uygun Oem No Replacing Oe-Ref

594045	594267	594275	594370
594145	594268	594319	594604
594178	594269	594322	
594186	594273	594325	

Marş Motor No Unit No

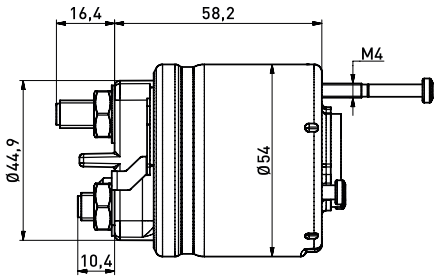
432557	436053	455873	D6RA45	D6RA98
432582	436081	455873	D6RA46	D7R13
432582	436081	455933	D6RA46	D7R16
432586	438019	458192	D6RA49	D7R18
432591	438023	594100	D6RA5	D7R22
432594	438025	D6RA10	D6RA53	D7R23
432598	438053	D6RA12	D6RA56	D7R25
432599	438072	D6RA13	D6RA56	D7R33
432628	438169	D6RA141	D6RA59	D7R41
432637	439638	D6RA15	D6RA6	D7R42
432650	455511	D6RA20	D6RA63	D7R5
432672	455550	D6RA210	D6RA7	D7R61
432673	455695	D6RA39	D6RA73	D7R7
432684	455697	D6RA40	D6RA76	
433243	455715	D6RA41	D6RA77	
433311	455719	D6RA42	D6RA78	
436044	455741	D6RA421	D6RA79	
436051	455745	D6RA44	D6RA811	

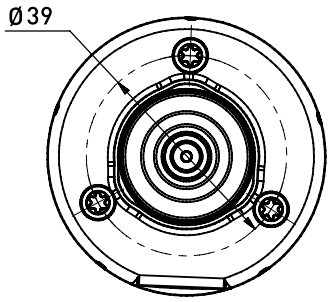
Araç Model Vehicle Model

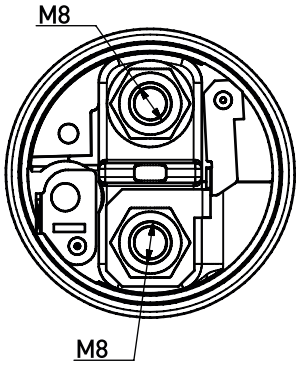
FIAT
Fiorino 1.4L 2007

CITROEN
Ax 10 1.0L 1986 - 1992
Ax 11 1.1L 1986 - 1997
Ax 14 1.4L 1987 - 1997
Berlingo 1.1L 1996 - 2008
Berlingo 1.4L 1996 - 2011
Berlingo 1.6L 2000 - 2011
Bx 11 1.1L 1986 - 1993
Bx 14 1.4L 1983 - 1993
C2 1.1L 2003
C2 1.4L 2003
C2 1.6L 2003
C3 1.1L 2003
C3 1.4L 2003
C3 1.6L 2003 - 2011
C4 1.6L 2004 - 2011
C15 1.1L 1986 - 1993
C15 1.4L 1987 - 1996
Saxo 1.1 1996 - 2003
Saxo 1.4L 1996 - 2003
Saxo 1.6L 1996 - 2003
Xsara 1.4L 1997 - 2003
Xsara 1.6L 1997 - 2005
Xsara Picasso 1.6L 1999 - 2010
Zx 1.1L 1991 - 1997
Zx 1.4L 1991 - 1997

PEUGEUT
106 1.0L 1991 - 2001
106 1.1L 1991 - 2004
106 1.3L 1993 - 1996
106 1.4L 1991 - 2004
106 1.6L 1993 - 2004
205 1.0L 1983 - 1997
205 1.1L 1987 - 1998
205 1.3L 1987 - 1990
205 1.4L 1987 - 1998
206 1.1L 1998
206 1.4L 1998 - 2007
206 1.6L 1998
207 1.4L 2006
207 1.6L 2007
306 1.1L 1993 - 2001
306 1.4L 1993 - 2001
306 1.6L 1993 - 2001
307 1.4L 2000 - 2007
307 1.6L 2000 - 2009
309 1.4L 1989 - 1993
1007 1.4L 2005
1007 1.6L 2005
Bipper Tepee 1.4L 2008
Partner 1.1L 1996 - 2005
Partner 1.4L 1996 - 2015
Partner 1.6L 2001 - 2008







Marş Otomatiği / *Starter Solenoids*

Ürün Tipi / *Replacing:* Valeo

Ürün Numarası **Product Code**	**SVA-0494**
Volt	12V
Uygun Oem No **Replacing Oe-Ref**	494806
Marş Motor No **Unit No**	432626 438126 438127 BD7E17 BD7E37

Araç Model
Vehicle Model

CHEVROLET

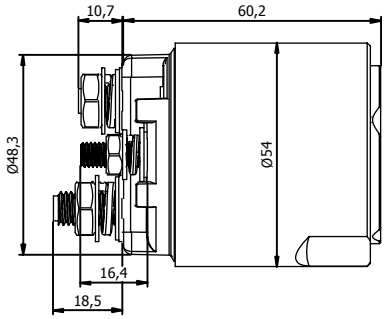
AVEO / KALOS Hatchback (T200) 1.4 16V 2003 2008
AVEO / KALOS Hatchback (T250, T255) 1.4 2008
LACETTI (J200) 1.4 16V 2005 2013
NUBIRA Sedan 1.6 2005 2011
REZZO MPV (U100) 1.6 2005

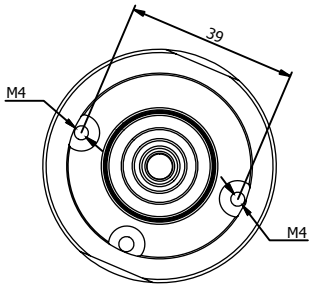
FIAT

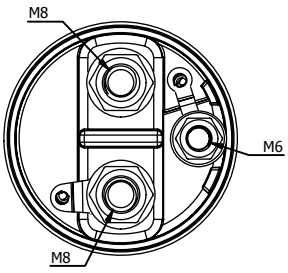
STILO (192_) 1.6 16V 2005 2006

OPEL

COMBO Tour 1.6 CNG 2005 2011
CORSA B (S93) 1.4 i 16V (F08, F68, M68) 1994 2000
CORSA C (X01) 1.2 Twinport (F08, F68) 2004 2009
CORSA C (X01) 1.4 Twinport (F08, F68) 2003 2009
CORSA D (S07) 1.2 LPG (L08, L68) 2006 2014
CORSA D (S07) 1.4 LPG (L08, L68) 2006 2011
KADETT E Hatchback (T85) 1.6 S (C08, C48, D08, D48) 1986 1991
MERIVA A MPV (X03) 1.6 16V (E75) 2003 2006

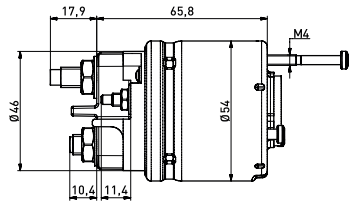


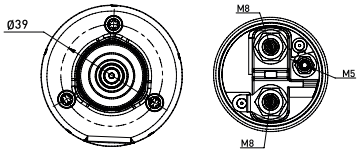




Marş Otomatiği / *Starter Solenoids*

Ürün Tipi / *Replacing:* Valeo





Ürün Numarası / Product Code	**SVA-0496**
Volt	12V
Uygun Oem No / Replacing Oe-Ref	594048, 594183, 594613

Marş Motor No / Unit No

432593	438087	455929	D6RA12	D7R26
432596	438092	455956	D6RA16	D7R27
432624	438165	455961	D6RA38	D8R27
432636	438165	458180	D6RA66	D8R28
433321	438193	458249	D6RA661	D8R29
436064	438193	458249	D6RA72	
436065	438200	458289	D6RA721	
438068	455512	458290	D6RA74	
438069	455928	D6RA107	D6RA98	

Araç Model / Vehicle Model

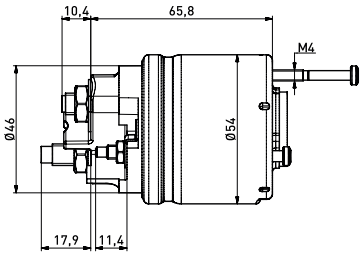
CITROEN
Berlingo 1.8D 1996
Berlingo 1.9D 2008
Berlingo 2.0 Hdi 1999
C4 2.0L 2004
C4 2.0 Hdi 2004
C4 2.0 Hdi Picasso 2010
C5 2.0 Hdi 2001
C5 2.2 Hdi 2001
C15 1.8D 1986-2000
C15 1.9D 2000 - 2005
C25 1.9D 1987 - 1994
C25 2.5D 1987-1994
Jumper 1.9D 1994 - 2002
Jumper 2.0 Hdi 2001
Jumper 2.2 Hdi 2002
Jumpy 1.9D 1995
Jump 2.0 Hdi 1999
Xhantia 1.9D 1994 - 1998
Xsara 1.8D 1996 - 2000
Xsara 2.0 Hdi 1999 - 2005

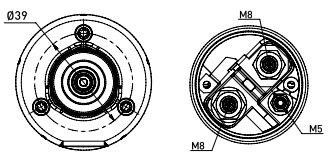
FIAT
Ducato 1.9D 1998 - 2002
Ducato 2.0 Jtd 2002
Scudo 1.9D 1996 - 2006
Scudo 1.9 Td 1996 - 2006
Scudo 2.0 Jtd 2002

PEUGEUT
205 1.7D 1994
205 1.8D 1983 - 1998

Marş Otomatiği / *Starter Solenoids*

Ürün Tipi / *Replacing:* Valeo





Ürün Numarası / Product Code	**SVA-0497**
Volt	12V
Uygun Oem No / Replacing Oe-Ref	594383, 594449

Marş Motor No / Unit No

438074	455936	B113708110BA
438088	455957	D6RA104
438133	455982	D6RA110, D7R40

Araç Model / Vehicle Model

CITROEN
Berlingo 1.6 Hdi 2005
C-Elysee 1.6 Hdi 2012
C1 1.4 Hdi 2005 - 2014
C2 1.4 Hdi 2003
C3 1.4 Hdi 2002
C3 1.6 Hdi 2005
C4 1.6 Hdi 2004
C4 Cactus 1.6 Hdi 2014
C5 1.6 Hdi 2004
C5 2.2 Hdi 2004
Ds3 1.4 Hdi 2010 - 2015
Ds3 1.6 Hdi 2010 - 2015
Ds4 1.6 Hdi 2011 - 2015
Jumpy 1.6 Hdi 2007
Nemo 1.4 Hdi 2009
Xsara 1.4 Hdi 2003 - 2005
Ds - Ds3 1.6 Hdi 2015

FIAT
Scudo 1.6 Mjet 2007 - 2016

PEUGEUT
107 1.4 Hdi 2005 - 2014
206 1.4 Hdi 2001 - 2009
206 1.6 Hdi 2004 - 2009
207 1.4 Hdi 2006 - 2012
208 1.4 Hdi 2012
208 1.6 Hdi 2012
301 1.6 Hdi 2012
307 1.4 Hdi 2002-2005
307 1.6 Hdi 2004 - 2008
308 1.6 Hdi 2009
308 1.5 Hdi 2018
407 1.6 Hdi 2004 - 2011
1007 1.4 Hdi 2005 - 2010
2008 Expert 1.6 Hdi 2016
Partner 1.6 Hdi 2006
Rifter 1.6 Hdi 2018

Marş Otomatiği / *Starter Solenoids*

Ürün Tipi / *Replacing:* Valeo

Ürün Numarası / Product Code **SVA-0590**

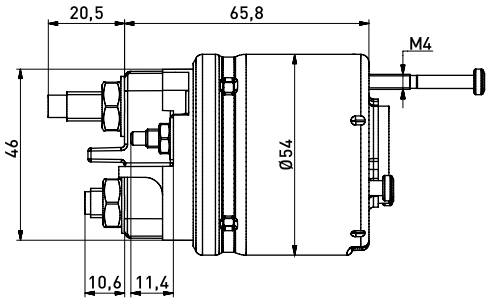
Volt 12V

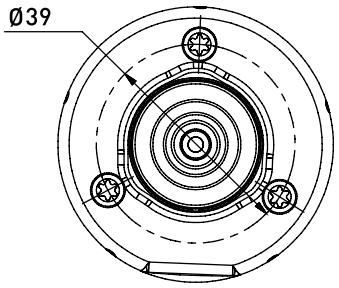
Uygun Oem No / Replacing Oe-Ref

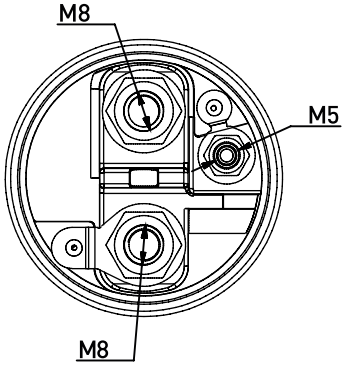
594047	594119
594048	594188
594087	594189
594117	

Marş Motor No / Unit No

432559	455734	D6RA163	D6RA50	D7R127
432588	455736	D6RA168	D6RA52	D7R13
432592	455749	D6RA169	D6RA53	D7R16
432626	455899	D6RA17	D6RA54	D7R17
432630	455937	D6RA18	D6RA56	D7R18
432632	455954	D6RA19	D6RA59	D7R2
432665	455956	D6RA190	D6RA6	D7R20
432668	455960	D6RA20	D6RA60	D7R22
432681	458172	D6RA210	D6RA62	D7R23
433206	458178	D6RA22	D6RA63	D7R24
433297	458228	D6RA23	D6RA64	D7R25
436064	458277	D6RA249	D6RA66	D7R26
438011	594081	D6RA27	D6RA661	D7R27
438013	594082	D6RA29	D6RA68	D7R33
438014	594085	D6RA32	D6RA7	D7R34
438030	594090	D6RA34	D6RA70	D7R35
438085	594091	D6RA38	D6RA72	D7R4
438087	626002	D6RA39	D6RA721	D7R42
438091	D6RA10	D6RA40	D6RA73	D7R5
438094	D6RA107	D6RA41	D6RA74	D7R53
438158	D6RA109	D6RA42	D6RA76	D7R56
438162	D6RA114	D6RA44	D6RA77	D7R57
438186	D6RA12	D6RA441	D6RA78	D7R61
438197	D6RA13	D6RA45	D6RA79	D7R7
438207	D6RA141	D6RA46	D6RA8	D7R8
455513	D6RA15	D6RA48	D6RA82	D7R9
455514	D6RA16	D6RA49	D6RAP404	D7RP204
455691	D6RA162	D6RA5	D7R12	D8R1
				D8R28







Araç Model / Vehicle Model

CITROEN
Berlingo 1.8D 1996 - 2002
Berlingo 1.9D 1998 - 2011
Berlingo 2.0 Hdi 1998 - 2011
C15 1.8D 1986 - 2000
C15 1.9D 2000 - 2005
C4 2.0L 2004 - 2011
C5 1.8L 2001
C5 2.0L 2001
C5 2.0 Hdi 2001 - 2004
C5 2.2 Hdi 2001 - 2004
C8 2.0L 2002
C8 2.2L 2002
Jumper 1.9D 1994 - 2002
Jumper 2.0 Hdi 2001
Jumper 2.5D 1994 - 2002
Jumpy 1.6 Hdi 2007
Jumpy 2.0L 2000 - 2006
Jumpy 1.9D 1995 - 2006
Jumpy 2.0 Hdi 1999
Xsara 2.0L 2000 - 2005
Xsara 1.9D 1998 - 2005
Xsara 2.0 Hdi 1998 - 2005
Xsara 2.0D 1998 - 2005

FIAT
Scudo 1.9D 1998 - 2006
Scudo 2.0L 2000 - 2006
Scudo 1.6D 2007
Ducato 2.0D 2002 - 2006
Ducato 2.5D 1994 - 2002

OPEL
Movano 2.2D 2000
Movano 2.5D 2000
Vivaro 2.5D 2003

RENAULT
Laguna 2.2 Dci 2002 - 2007
Trafic 2.5 Dci 2002
Master 2.2 Dci 2000
Master 2.5 Dci 2001

SUZUKI
Vitara 1.9D 1995 - 1999

PEUGEUT
206 2.0L 2000
206 1.9D 1999 - 2007
206 2.0D 1999
306 1.9D 1999 - 2001
306 2.0 Hdi 1999 - 2002
307 2.0L 2000 - 2009
307 2.0 Hdi 2000 - 2009
406 1.8L 2000 - 2004
406 2.0L 1999 - 2004
406 2.2L 1999 - 2004
406 1.8L 2004
406 2.0L 2004
406 2.2L 2004
406 2.2 Hdi 2006
607 2.0L 2000 - 2005
607 2.2L 2000 - 2010
807 2.0L 2002
Boxer 1.9D 1994 - 2002
Boxer 2.0 Hdi 2001
Boxer 2.5D 1994 - 2002
Expert 1.9D 1999 - 2006
Expert 2.0 Hdi 2000 - 2006
Partner 1.4L 2002 - 2006
Partner 1.9D 1999 - 2013
Partner 2.0 Hdi 2000 - 2008

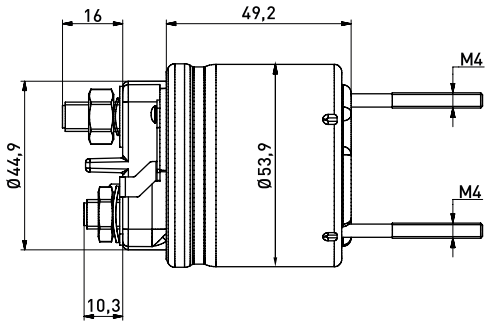
Marş Otomatiği / *Starter Solenoids*

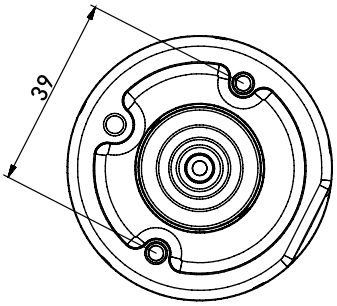
Ürün Tipi / *Replacing:* Valeo

Ürün Numarası **Product Code**	**SVA-0592**
Volt	12V

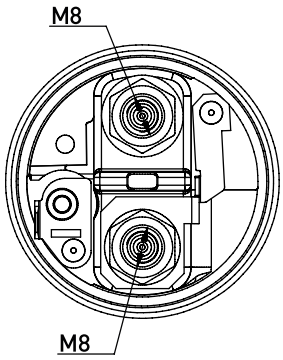
Uygun Oem No **Replacing Oe-Ref**	103489	182459	NE 134	NE 142
	105489	182461	NE 138	NE 420
	165354	182462	NE 140	
	181069	2102217	NE 141	

Marş Motor No **Unit No**	432511	433226	D10E92	D9E57	D9E93
	432512	433229	D10E921	D9E61	D9E94
	432529	433249	D6RA64	D9E62	D9E95
	432530	433305	D9E100	D9E64	D9E98
	432536	433306	D9E127	D9E66	D9R105
	432537	433307	D9E137	D9E68	D9R1050
	432538	433309	D9E138	D9E69	D9R106
	432551	433310	D9E200	D9E70	D9R112
	432554	433329	D9E237	D9E701	D9R118
	432555	433339	D9E238	D9E702	D9R121
	432561	436052	D9E276	D9E74	D9R122
	432566	436058	D9E300	D9E75	D9R135
	432574	436059	D9E38	D9E76	D9R142
	432577	436063	D9E39	D9E77	D9R73
	432581	455552	D9E45	D9E771	D9R84
	432608	D10E81	D9E46	D9E81	D9R89
	432609	D10E85	D9E48	D9E85	D9R91
	432614	D10E87	D9E49	D9E851	D9R99
	432621	D10E88	D9E50	D9E852	8V2111000BC
	433204	D10E881	D9E51	D9E86	
	433209	D10E882	D9E52	D9E861	
	433219	D10E89	D9E53	D9E87	
	433223	D10E90	D9E56	D9E92	





Araç Model **Vehicle Model**	**RENAULT**
	Clio 1.2L 1990 - 1996
	Clio 1.4L 1991 - 1998
	Clio 1.7L 1991 - 1993
	R9 1.4L 1981 - 1989
	R9 1.7L 1986 - 1988
	R11 1.4L 1983 - 1988
	R11 1.7L 1986 - 1988
	R19 1.4L 1988 - 1993
	R19 1.7L 1988 - 1992
	R21 1.4L 1988 - 1993
	R21 1.7L 1986 - 1994



Marş Otomatiği / *Starter Solenoids*

Ürün Tipi / *Replacing:* Valeo

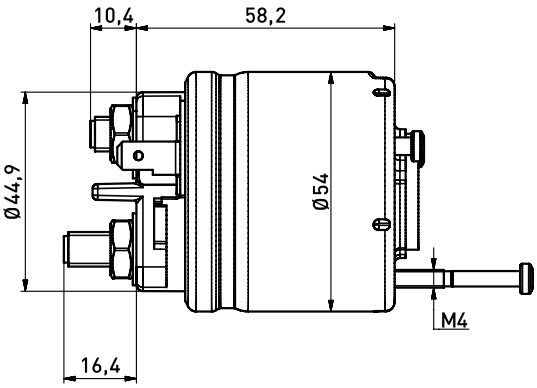
Ürün Numarası Product Code	**SVA-1491**
Volt	12V
Uygun Oem No Replacing Oe-Ref	594208

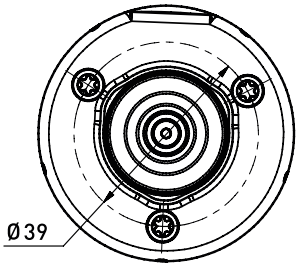
Marş Motor No Unit No

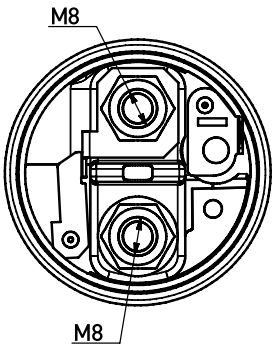
432622,	D6RA133,	D6RA45,
432631,	D6RA141,	D6RA46,
432638,	D6RA33,	D6RA53,
432670,	D6RA41,	D6RA13,
436060,	D6RA45,	D32RA
436079,	D6RA46,	
455551,	D6RA53,	
455693,	D6RA61,	

Araç Model Vehicle Model

RENAULT	VOLVO
Clio 1.2L 1990 - 1998	S40 1.6L 1995 - 2004
Clio 1.4L 1991 - 1998	S40 1.8L 1995 - 2004
Clio 1.6L 1998 - 2005	S40 1.9L 1997 - 2000
Clio 1.8L 1990 - 1998	S40 2.0L 1995 - 2003
Kangoo 1.4L 1997	V40 1.6L 1995 - 2004
Laguna 1.8L 1993 - 2001	V40 1.8L 1995 - 2004
Laguna 2.0L 1993 - 2001	V40 1.9L 1997 -2000
Megane 1.4L 1996 - 2003	V40 2.0L 1995 - 2003
Megane 1.6L 1996 - 2003	
Megane 2.0L 1996 - 2003	
R5 1.1L 1984 - 1996	
R5 1.4L 1985 - 1990	
R5 1.7L 1986 - 1995	
R19 1.2L 1992 - 1994	
R19 1.4L 1988- 1995	
R19 1.7L 1988 - 1995	
R19 1.8L 1992 - 1996	
R21 1.7L 1986 - 1994	
Rapid 1.2L 1991 - 1998	
Rapid 1.4L 1988 - 1998	
Scenic 1.4L 1996	
Scenic 1.6L 1996	
Scenic 2.0L 1996	
Trafic 1.7L 1989 - 1994	



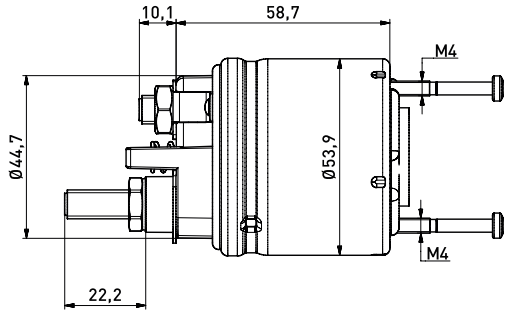


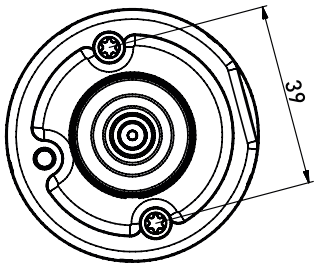


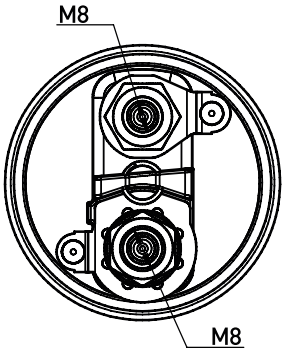
Marş Otomatiği / *Starter Solenoids*

Ürün Tipi / *Replacing:* Valeo

Ürün Numarası **Product Code**	**SVA-1495**
Volt	12V
Uygun Oem No **Replacing Oe-Ref**	594646
Marş Motor No **Unit No**	438168 458191 46823548 D6G1 D6G32
Araç Model **Vehicle Model**	**FIAT** Albea 1.3 M.jet Doblo 1.3 M.jet Egea 1.3 Mjet Fiorino 1.3 M.jet G.punto 1.3 M.jet Linea 1.3 M.jet 500 1.3 M.jet **OPEL** Astra 1.3 Cdti Combo 1.3 Cdti Corsa 1.3 Cdti Insignia 1.3 Cdti

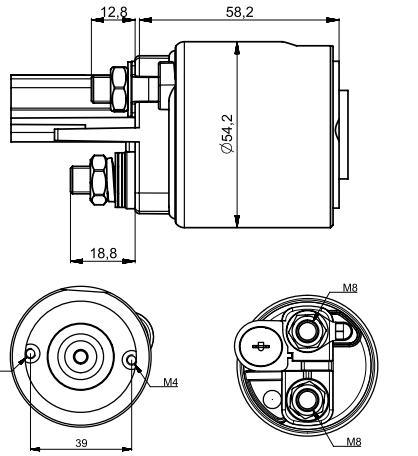






Marş Otomatiği / *Starter Solenoids*

Ürün Tipi / *Replacing:* Valeo



Ürün Numarası **Product Code**	**SVA-1498**
Volt	12V
Uygun Oem No **Replacing Oe-Ref**	594617, 595617, 594743

Marş Motor No
Unit No

02M911023M	438190	458412	TS12E1
02M911024A	438225	D6GS11	TS12ER20
02T911023T	438226	D6GS12	TS12ER21S
02Z911023G	438227	D6GS12M	TS12ER22
06D911023A	438252	D6GS13	TS12ER22S
0AM911023D	458181	D6GS14	TS18E1
0AM911023K	458213	D6GS14M	TS18E3
114299	458214	D6GS19	TS18ER121
2H0911023A	458215	D7G6	TS18ER123
438161	458216	D7GS10	TS18ER20
438171	458217	D7GS8	TS18ER22
438172	458218	D7GS9	TS22ER12
438173	458231	S3037	
438174	458238	S3043	
438175	458389	S3044	
438176	458390	S3055	
438184	458391	TS10E26	

Araç Model
Vehicle Model

AUDI
A1 12 TFSi gasoline 2012
A1 14 TFSi Sportback 2011
A3 16L FSI 2003
A3 20L FSI 2003
A3 Sportback 16 FSI 2004
A3 14 TFSi 2007-2012
A3 18 TFSi 2006-2013
A3 18 TFSi Quattro 2008-2013
A3 18 TFSi Sportback 2006-2013
A3 20 FSi 2003-2008
A3 20 FSi Sportback 2004-2008
A4 20 FSi 2006
A4 20 TFSi 2004
A4 20 TFSi 2005
A4 20 TFSi 2005
A4 20 TFSi Quattro 2004
A4 20 TFSi Quattro 2005
A4 20 TFSi Quattro 2006
A6 20 TFSi 2005
TT 18 TFSi 2008

SEAT
Altea 14 TSi 2007
Altea 18 TFSi 2007
Altea 20 FSi 2004
Altea XL 20 FSi 2006
Altea 16 2004, 5 speed
Altea 16 XL 2006
Ibiza 18 Turbo Cupra R 2004
Ibiza IV 16 2003
Cordoba 16 2003
Cordoba 20 2004-2005
Leon 14 TSi 2007
Leon 18 TSi 2007
Leon 20 FSi 2005
Leon 16 2005
Leon 16 16V 2005
Toledo 18 TFSi 2007
Toledo 20 FSi 2004-2005-2006
Toledo 16 2004

VOLKSWAGEN
5 speed Beetle 14 TSI 2012
Golf 14 16V 2003
Golf 14 FSI 2003
Golf 16 FSI 2003
Golf V 16 2004-2005
Golf V 16 Plus 2005
Golf V 14 2007
Golf V 14 TSi 2005-2006-2007-2008-2009
Golf V 14 TSi Plus 2006-2007-2008
Golf V 20 2006
Golf V 20 FSi 2004
Golf V 20 FSi 4 Motion 2004
Golf V 20 FSi Plus 2005
Golf VI 14 TSi 2009-2013
Golf VI 18 TSi 2009-2011
Jetta III 16 FSI 2005
Jetta 14 TSi 2006-2007-2008-2011
Jetta 20 2010
Jetta 20 FSi 2005
Jetta 25 2006
Jetta 16 2005
Passat 14 TSi 2007-2010-2012
Passat 14 TSi EcoFuel 2009-2010
Passat 14 TSi MultiFuel 2010
Passat 18 TSi 2007-2008-2009-2010-11
Passat 20 FSi 2005
Passat 20 FSi 4 Motion 2005
Passat CC 14 TSi MultiFuel 2011-2012

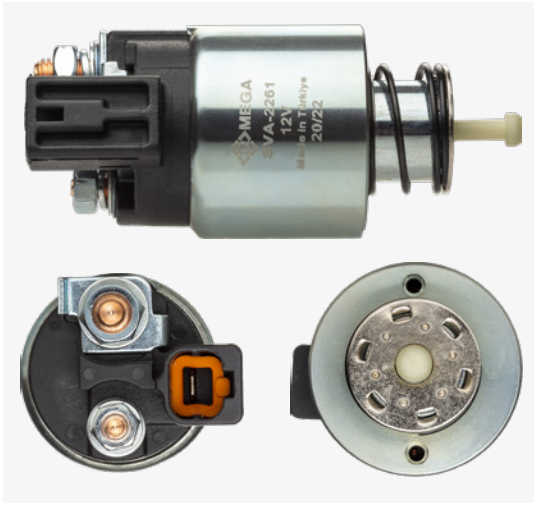
VOLKSWAGEN
Polo 18 GTi 2005
Scirocco 14 TSi 2008
Tiguan
Touran 14 FSi 2006
Touran 14 TSi EcoFuel 2009
Touran 20 FSi 2003-2004
Eos 14 TSi 2007-2008
EOS 20 FSi 2006
Multivan 20 2003
Transporter 20 T5 2003

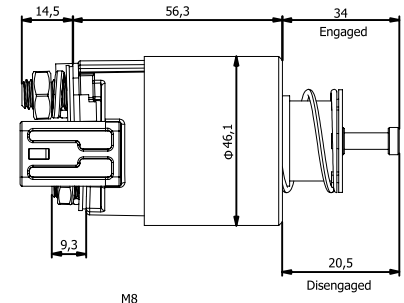
SKODA
Fabia
Octavia 14 FSI 2004
Octavia 14 TSi 2008
Octavia 16 FSi 2004
Octavia 16 2004
Octavia 18 TSi 2007-2009
Octavia 20 FSi 2004-2005
Octavia 20 FSi 4x4 2004-2005
Octavia 16 FSI 2004
Roomster
Superb 14 TSi 2008-2009
Superb 18 TSi 2008-2009
Superb 18 TSi 4x4 112008-2009
Yeti 14 TSi 2010

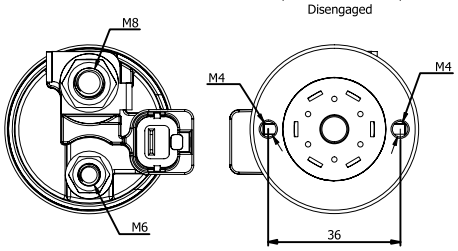
Marş Otomatiği / *Starter Solenoids*

Ürün Tipi / *Replacing:* Valeo

Ürün Numarası **Product Code**	**SVA-2261** **YENİ / NEW**
Volt	12V
Uygun Oem No **Replacing Oe-Ref**	36120-2E200
Marş Motor No **Unit No**	**DELCO REMY** 16282 - 8000604 - 8000864 **HYUNDAI** 36100-2E551 - 36100-2E561 1205004 1209395 361002B510 361002E200 STA3300LC
Araç Model **Vehicle Model**	**HYUNDAI** ELANTRA, VELOSTER, CRETA **KIA** CERATO, FORTE, OPTİMA, SPORTAGE





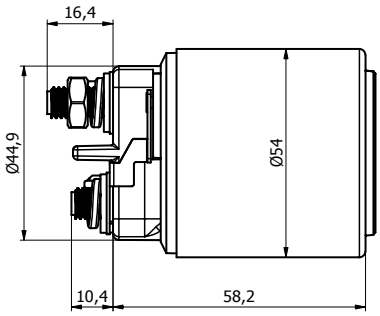


Marş Otomatiği / *Starter Solenoids*

Ürün Tipi / *Replacing:* Valeo

Ürün Numarası **Product Code**	**SVA-2491**
Volt	12V
Uygun Oem No **Replacing Oe-Ref**	438081 594407

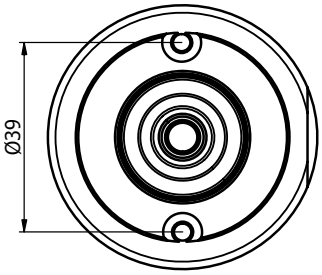
Marş Motor No **Unit No**	361004A010	250128
	3610042250	455950
	3610042350	4802243
	361004A025	D7E15
	438081	D7E20
	D7E15	D7E15
	D7E20	7E20
	7700274303	RAS34886
	438081	

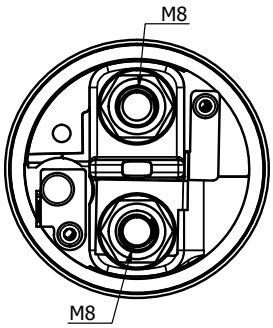


Araç Model
Vehicle Model

RENAULT
Clio II 16 1998
Clio 14 1998-2005
Clio 14 16V 1999
Clio 16 1998-2005
Kangoo 14 1997-1998-2000
Kangoo 16 1994
Kangoo 16 1999
Kangoo Express 14 1998-2000
Megane Classic 14 1996-2003
R19 16 1994
Megane 14 ECO 1996-1999
Megane 14 i 1996-2003
Scénic 16 1999
Thalia 14L 2001

DACIA
Logan 14 2007
Logan 16 2007
Logan 16 2006
Logan 16 I 2004



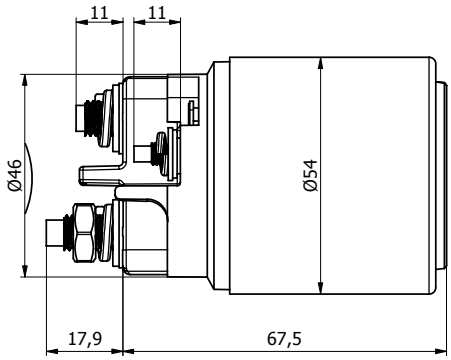


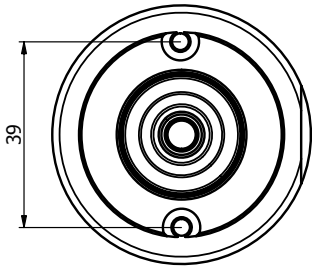
Marş Otomatiği / *Starter Solenoids*

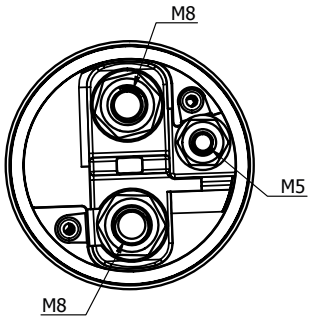
Ürün Tipi / *Replacing:* Valeo

Ürün Numarası **Product Code**	**SVA-2494**
Volt	12V
Uygun Oem No **Replacing Oe-Ref**	594348, 594731

Marş Motor No **Unit No**	9648644680	D6G3	S3023,
	9618725080	D7E16	S3032,
	438093	D7E23	04801472AA,
	438129	D7E5	25183761,
	432623	D6G5	281000Q012D,
	436062	D7E2,	361004A025,
	438028	D7E25,	TS10E1,
	438192	D7G18,	TS10E3,
	455748	D7G22,	TS12E200,
	455962	D7GS17,	TS24E2,
	458248	FS10E3,	TS8E2







Araç Model
Vehicle Model

CITROEN
AX 10 1986-1992,
AX 10 10 1986-1998,
AX 11 11 1986-1997,
AX 11 11 4x4 1991-1992,
AX 13 13 Sport 1987-1988,
AX 14 14 1986-1997,
AX 14 14 4x4 1991-1996,
AX 14 14 G Ti 1991-1992,
AX 14 14 i 1991-1996 Berlingo 11i 1996-2002,
Berlingo 11i GPL 1996-2002,
Berlingo 14 GPL 2003,
Berlingo 14i 2002,
Berlingo 14i GNV 2003,
Berlingo 14i GPL 1996-2002,
Berlingo 16i 16V 2000-2002,
Berlingo 11 i 1996,
Berlingo 11 i
Berlingo 14
Bivalent 2002,
Berlingo 14 i 1996,
Berlingo 16 2008,
Berlingo 16 16V 2000
BX 14 1987-1992,
BX 11 1988-1992,
BX 11 11 1986-1992
BX 14 14 1983-1989,
BX 14 14 1983-1993

CITROEN
C1 10 2005
C2 16 VTS 2005
C3 11 Flexfuel 2010,
C3 11 i 2002,
C3 14 2009,
C3 14 16V 2003,
C3 14 Flexfuel 2009,
C3 14 i 2002,
C3 14 i Biv alent 2002,
C3 14 LPG 2010,
C3 16 16V 2002-2003-2005,
C3 16 Bioflex 2005,
C3 16 Flexfuel 2009,
C3 Pluriel 14 2003
C4 14 16V 2004,
C4 16 16V 2004,
C4 16 Fl exfuel 2009
C-Elysee 16 VTi 2012
C15 10 1984-1997,
C15 11 ie1988-1996,
C15 14 1987-1996
Nemo 14 2009
Saxo 10 1996-2003,
Saxo 11 1996-2003,
Saxo 14 VTS 1996- 2003,
Saxo 16 1996-2003,
Saxo 16 16V 1996-2003,
Saxo 16 VTS 2000- 2003

CITROEN
Xsara 14 1998-2005,
Xsara 14 i 1997-1998-2005,
Xsara 14 LPG 1999-2000,
Xsara 16 16V 2000-2006,
Xsara 16 i 1997-2000,
Xsara Picasso 16 2000-2002
ZX 11 1991-1993-1997,
ZX 14 1991-1997,
ZX 14 i 1991-1997

PEUGEOT
107 10 2005,
206 14 2000,
206 16 2000
206 16 16V 2000
307
Partner 11i GLP 2002
Partner 14i GLP 1996 2002
Partner 16i 16V 2000 2002
Ranch 14i 1996 2002

RENAULT
Clio 16 16V 2000
Kangoo 16 16V c om motor K4M 2000

FIAT
Fiorino 14 2007-2009,
Fiorino 14 QUBO 2008-2009

Marş Otomatiği / *Starter Solenoids*

Ürün Tipi / *Replacing:* Valeo

Ürün Numarası / Product Code: SVA-2496

Volt: 12V

Uygun Oem No / Replacing Oe-Ref: 594658

Marş Motor No / Unit No:

438170	8200634602	TS18E33
438202	D7G11	TS22E5
438223	D7GS17	TS22E5B
458210	D7GS7	TS22E8
458291	D7R53	TS22E9
458387	RAS31224	
4802243	TS12E36	

Araç Model / Vehicle Model

OPEL

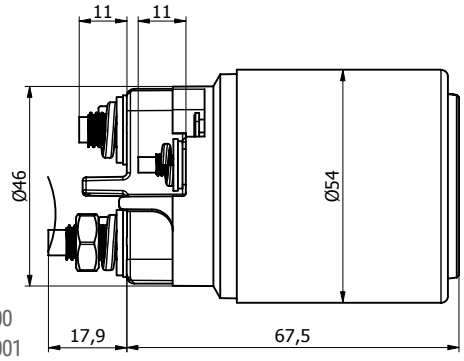
Movano Box 22 DTi 2000
Movano Box 25 CDTi 2006
Movano Box 25 DTi 2001
Movano Combi 25 CDTi 2006
Movano Combi 25 DTi 2001
Movano Dumptruck 22 DTi 2000
Movano Dumptruck 25 CDTi 2006
Movano Dumptruck 25 DTi 2003
Movano Flatbed/Chassis 22 DTi 2000
Movano Flatbed/Chassis 25 CDTi 2006
Movano Flatbed/Chassis 25 DTi 2001
Movano 22 DTi 2000
Movano 25 CDTi 2006
Movano 25 CDTi Combi 2006
Vivaro 25L CDTi Box 2006
Vivaro 25L CDTi Combi 2006
Vivaro 25L CDTi Flatbed/Chassis 2006
Vivaro 25L DTi Box 2006
Vivaro 25L DTi Combi 2003

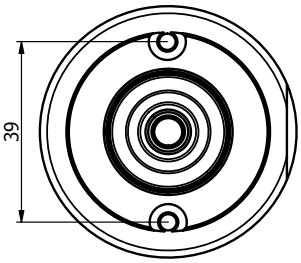
GM-VAUXHALL

Movano Chassis/Cad 22 DTi 2000
Movano Chassis/Cad 25 CDTi 2004, Movano Chassis/Cad 25 DTi 2001
Movano Combi 22 DTi 2001
Movano Combi 25 CDTi 2006
Movano Combi 25 DTi 2001
Movano Van 22 DTi 2000
Movano Van 25 CDTi 2004
Movano Van 25 DTi 2001
Vivaro 20L CDTi Flatbed/Chassis 2006
Vivaro 25L CDTi Box 2006
Vivaro 25L CDTi Flatbed/Chassis 2003
Vivaro 25L Combi 2004
Vivaro 25L DTi Box 2004

RENAULT

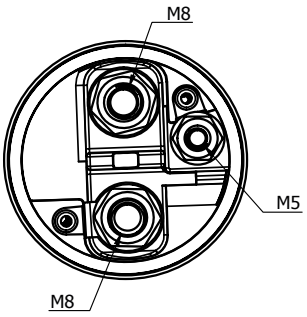
Avantime 22 dCi 2002 2003
Avantime 22 dCi 2001-2003
Espace III 22 D 1997 2000
Espace III 22 dCi 2000 2002
Laguna 19L 2001
Laguna II 22L dCi 2001
Laguna II 22L dCi Grandtour 2001, Laguna 22 dCi 2001
Master II Box 22L dCi 90 2000
Master II Box 25L dCi 120 2001
Master II Bus 22 dCi 90 2000
Master II Bus 25 dCi 120 2001
Master III Box 25 dCi 2006
Master III Flatbed/Chassis 25 dCi 2003
Trafic II Box 25 dCi 135 2003
Trafic II Box 25 dCi 145 2006
Trafic II Bus 25 dCi 135 2003
Trafic II Bus 25 dCi 145 2006
Trafic II Flatbed/Chassis 25 dCi 135 2001
Trafic II Flatbed/Chassis 25 dCi 145 2006
Vel Satis 22 dCi 2002





NISSAN

Interstar 22 DT 2002
Interstar Box dCi 120 2002
Interstar Box dCi 90 2002
Interstar Bus dCi 100 2006
Interstar Bus dCi 120 2006
Interstar Bus dCi 90 2002
Interstar Flatbed/Chassis dCi 100 2004
Interstar 22 dCi 2002
Interstar 25 dCi 2006
Interstar 25 dCi 2002
Interstar 25 dCi 100 2006
Primastar Box dCi 140 2003
Primastar Box dCi 150 2006
Primastar Bus dCi 140 2003
Primastar Bus dCi 150 2006
Primastar 25 dCi 2003



Marş Otomatiği / *Starter Solenoids*

Ürün Tipi / *Replacing:* Valeo

Ürün Numarası **Product Code**	**SVA-3497**
Volt	12V
Uygun Oem No **Replacing Oe-Ref**	594632, 595731

Marş Motor No
Unit No

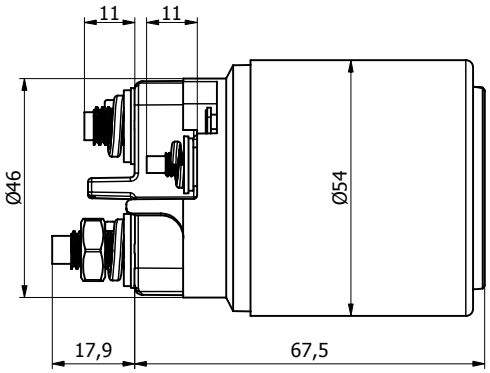
5802AZ	9688268480	438166	D7ES5
5802FG	28100-YV010	438189	D7G26
5802FH	438133	458185	S3029
5802FP	D7G3	458237	TS18E13
5802Y5	TS14E110	9662854180	TS22E26

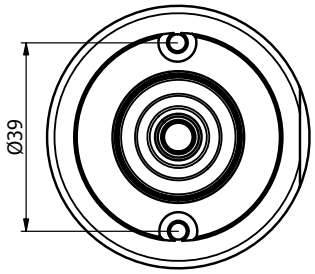
Araç Model
Vehicle Model

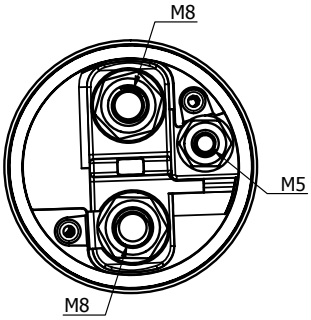
CITROËN
Berlingo 16 HDi 2005-2008
C1 2005
C2 2003, C2 16 HDi 2005
C3 2004, C3 16 HDi 16V 2005
C4 2004
Jumpy 2007
Nemo 14 HDi 2008
Xsara 2003 2005

PEUGEOT
1007 2005,
1007 16 HDi 2007
107 2005
206 2001,
206 16 HDi 2005
207 2006
307 2001,
307 16 HDi 2005
308 2007,
308 CC 16 HDi 2009
407 2004,
407 16 HDi FAP
3008 16 HDi 2009
Bipper 14 HDi 2008
Expert 2007
Partner 2006

TOYOTA
Aygo 14 HDi 2005







Marş Otomatiği / *Starter Solenoids*

Ürün Tipi / *Replacing:* Valeo

Ürün Numarası / Product Code: SVA-4411

Volt: 12V

Uygun Oem No / Replacing Oe-Ref: 594411, 594638

Marş Motor No / Unit No

41810A048	458290	D8R49
438090	8200628419	D8R49B
438095	8200628429	MW30620657
438112	D6RA105	S3058
438201	D6RA115	S3064
455959	D7R44	S3139
455971	D7R47	
455976	D7R49	

Araç Model / Vehicle Model

RENAULT
Kangoo 19 dCi 4x4 2003
Kangoo 19 dCi Express 4x4 2001
Kangoo 19 dTi Express 2000
Megane 19 dCi 2001-2002
Megane 19 dTi 2001
Scenic 19 dTi 2000-2003
Grand Scenic 19 dCi 2004-2005
Laguna 19dCi 2004-2005
Laguna 19 dCi 1999-2001
Master 19 dCi 80 2001
Megane 19 dCi 2002
Megane 19 dCi 2005
Megane 19 dCi 2002-2006
Scenic 19 dCi 2003
Trafic 19 dCi 2001
Trafic 19 dCi 100 2001
Trafic 19 dCi 80 2001

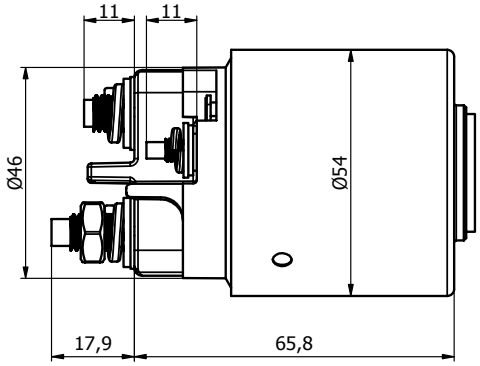
MITSUBISHI
Carisma 19 Diesel Di 2000-2006,
Space Star 19 Diesel Di 2000
Space Star 19 Diesel Di 2002

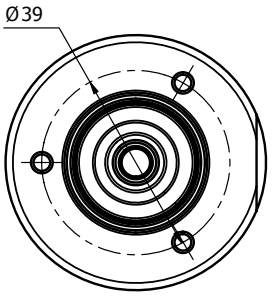
NISSAN
Interstar 19 dCi 2002
Interstar 25 dCi, 2006
Interstar 25 dCi 2003
Interstar 25 dCi 2002-2003
Interstar 25 dCi 100 2006
Interstar 25 dCi 100 2003
Interstar 25 dCi 120 2003
Interstar 25 dCi 150 2006
Primastar 19 dCi 2001
Primastar 19 dCi 2002
Primera 19 dCi 2003

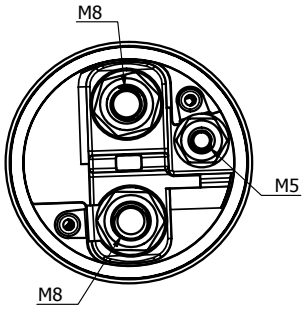
OPEL
Movano 19 DTi 2001
Vivaro 19 Diesel 2006
Vivaro 19 Diesel 2001
Vivaro 19 Diesel Di 2001
Vivaro 19 DTi 2001
Espace 19 dCi 2002
Espace 19 dCi
Expression 2003-2005

SUZUKI
Grand Vitara 19 DDiS 2005

VAUXHALL
Movano 19 DTi 2001
Vivaro 19 Diesel Di 2001
Vivaro 19 DTi 2001







Marş Otomatiği / *Starter Solenoids*

Ürün Tipi / *Replacing:* Valeo

Ürün Numarası Product Code	**SVA-4495**
Volt	12V
Uygun Oem No Replacing Oe-Ref	594288

Marş Motor No Unit No

7700864608	D7E1
7700867838	D7E35
0001107426	D7E39
432685	S3007
438142	TS8E6
455722	

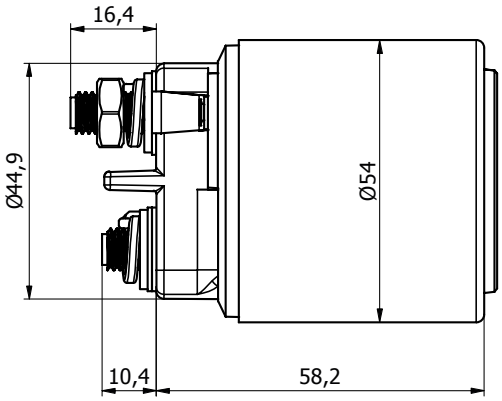
Araç Model Vehicle Model

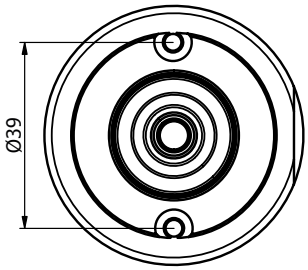
FIAT

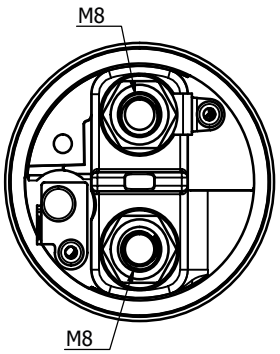
147 11 1973-1986
147 13 1973-1986
Duna 60 1986-1990
Duna 60 Weekend 1986-1990
Duna 70 1986-1990
Duna 70 Weekend 1986-1990
Elba 13 1985
Elba 15 1985
Elba Mille 10 1985
Fiorino 13L 1985
Fiorino 15L 1985
Fiorino Mille 10 1985
Oggi 11 1973-1986
Oggi 13 1973-1986
Panorama 11 1973-1986
Panorama 13 1973-1986
Pick-up 11 SOHC 1973-1986
Pick-up 13 1973-1986
Prêmio 13 1985
Prêmio 15 1985
Prêmio Mille 10 1985
Spazio 11 1973
Spazio 13 1973
Uno Mille ELX 1986,
Uno Mille EP 1986
Uno Mille Eletronic 1986
Uno Mille 1986

RENAULT

Clio 10 1999
Clio I 12 1996-1998
Clio II 12 16V 2001
Clio II 12 1998
Clio II Box 11 1998
Kangoo 10 1999
Kangoo 12 16V 2001
Kangoo 12 1998
Kangoo Express 12 16V 2001
Kangoo Express 12 1998
Modus 12L 2004-2005
Twingo 10 1999
Twingo 12 16V 2001
Twingo 12 1994
Twingo 12 1996
Twingo 12L 16V 2004
Twingo 12L 16V 2001
Twingo Box 12 1996
Fuego 14 1980-1985
R4 08 1962-1989
R5 08 1982-1984
Rodeo 08 4 1971-1981







Marş Otomatiği / *Starter Solenoids*

Ürün Tipi / *Replacing:* Valeo

Ürün Numarası Product Code	**SVA-5494**
Volt	12V
Uygun Oem No Replacing Oe-Ref	594610, 594653

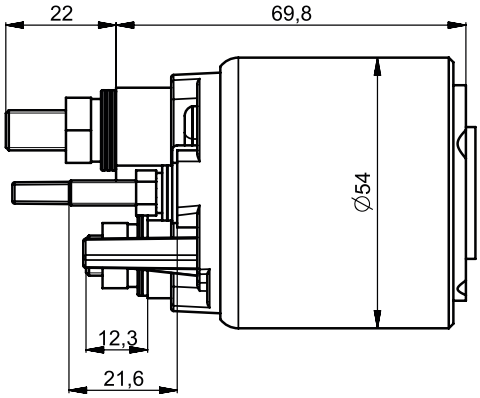
Marş Motor No Unit No			
	233003329R	438224	D7E47
	7711135334	458388	D7E48
	82006242588	38163	FS10E3
	8200624258B	458179	TS10E3
	8200836473,	458364	TS12E9
	8200836473B	D7E27	V1276WA

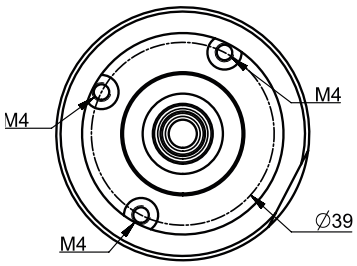
**Araç Model
Vehicle Model**

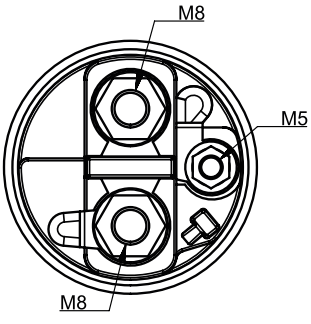
DACIA
Dokker 16 16V 2012
Dokker Express 16 16V 2012
Duster 16 16V 2010
Duster 16 16V 4x4 2010
Duster 16 16V Flex 2011
Duster 16 16V LPG 2011
Lodgy 16 2012
Logan 114 2007
Logan 14 i 2004
Logan 14 MPi 2006
Logan 16 2007
Logan 16 16V Flex 2011
Logan 16 16V Flexifuel 2009
Logan 16 Flexfuel 2010
Logan 16 i 2004
Logan 16 LPG 2008
Logan 16 MPi 85, 2010
Logan 16 2007
Logan 16 MCV 2007
Sandero 14 2008
Sandero 16 2007
Sandero 16 Hi-Flex 2007
Sandero 14 MPi LPG 2009
Sandero 16 16V 2011
Sandero 16 Flexfuel 2011
Sandero 16 MPi 85 2010

RENAULT
Clio 16 Hi-Flex 2005-2010
Kangoo 16 16V 2008
Kangoo 16 16V Express 2008
Kangoo 16 16V Express LPG 2008
Kangoo 16 16V Hi-Flex 2008
Kangoo 16 Be Bop 2009
Megane Grand Tour
Megane 14 2003
Megane 14 16V 1999-2003
Megane 16 2003-2005
Megane 16 16V 2002...2009
Megane 16 16V Flex-Fuel 2008
Megane 16 FlexFuel 2007
Megane 16 Hi-Flex 2006
Laguna 16 16V 2005
Scenic 16 i 16V 2003
Scenic 14 2003
Grand Scenic 16 2004
Grand Scenic 16 2006
Scenic 16 16V 2007
Fluence 16 16V 2010
Modus

NISSAN
Kubistar 16 16V X76 2003



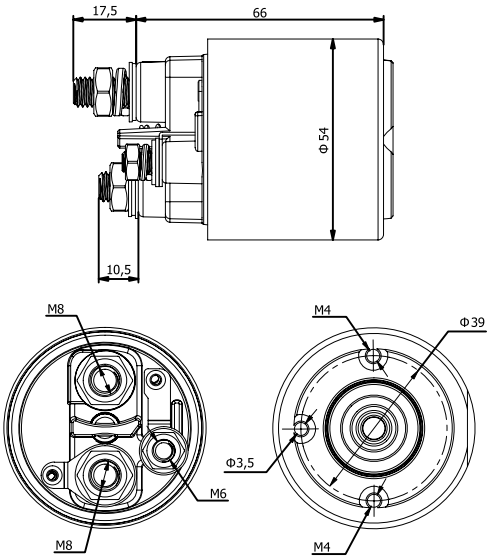




Marş Otomatiği / *Starter Solenoids*

Ürün Tipi / *Replacing:* Valeo

Ürün Numarası **Product Code**	**SVA-5838** **YENİ / NEW**
Volt	12V
Uygun Oem No **Replacing Oe-Ref**	595838
Araç Model **Vehicle Model**	**FORD TRANSIT / PSA GRUBU**



Çapraz Karşılaştırma Listesi / *Cross Reference List*

Ürün Tipi / *Replacing*: **BOSCH**

MEGA	UNIPOINT	SAYFA NO
SBO-0371	SNLS-221 B	12
SBO-0543	SNLS-280	13
SBO-0545	SNLS279	14
SBO-1371	SNLS-221 A	15
SBO-1639	SNLS-296	16
SBO-2371	SNLS-222	17
SBO-2571	SNLS-240	18
SBO-3639	SNLS-2968	20
SBO-5773	SNLS-236A	22

MEGA	WAI	SAYFA NO
SBO-0371	66-91115	12
SBO-0543	66-9121	13
SBO-0545	66-9106	14
SBO-1371	66-91181	15
SBO-1639	66-91132	16
SBO-2371	66-9199	17
SBO-2571	66-9129	18
SBO-3381	66-91195	19
SBO-3639	66-91110	20
SBO-5773	66-9126	22

MEGA	CARGO	SAYFA NO
SBO-0371	138877	12
SBO-0543	130302	13
SBO-0545	130939	14
SBO-1371	138763	15
SBO-1639	230904	16
SBO-2371	230356	17
SBO-2571	130476	18
SBO-3381	333243	19
SBO-3639	237753	20
SBO-4382	238106	21
SBO-5773	131586	22
SBO-0371	333149	12
SBO-0543	130302Z	13
SBO-0545	333140	14
SBO-1371	333163	15
SBO-1639	333158	16
SBO-2371	333157	17
SBO-2571	134826	18
SBO-3639	333478	20
SBO-5773	333146	22
SBO-0543	333137	13
SBO-5773	610332	22

Ürün Tipi / *Replacing*: **BOSCH**

MEGA	ZM	SAYFA NO
SBO-0371	ZM-371	12
SBO-0543	ZM-543	13
SBO-0545	ZM-545	14
SBO-1371	ZM-1371	15
SBO-1639	ZM-1639	16
SBO-2371	ZM-2371	17
SBO-2571	ZM-2571	18
SBO-3381	ZM-3381	19
SBO-3639	ZM-3639	20
SBO-4382	ZM-4382	21
SBO-5773	ZM-5773	22

Ürün Tipi / *Replacing*: **HITACHI**

MEGA	UNIPOINT	SAYFA NO
SHI-3982	SNLS-719B	24

MEGA	WAI	SAYFA NO
SHI-1981	66-8168	23
SHI-3982	66-8179	24

MEGA	CARGO	SAYFA NO
SHI-3982	234868	24

MEGA	ZM	SAYFA NO
SHI-1981	ZM-1981	23

Ürün Tipi / *Replacing*: **FORD**

MEGA	UNIPOINT	SAYFA NO
SFO-1761	SNLS-108D	22

MEGA	WAI	SAYFA NO
SFO-1761	66-207	22

MEGA	CARGO	SAYFA NO
SFO-1761	237616	22
SFO-1761	138496	22

MEGA	ZM	SAYFA NO
SFO-1761	ZM-1761	22

Ürün Tipi / *Replacing*: **DENSO**

MEGA	ZM	SAYFA NO
SND-2708	ZM-2708	31
SND-3708	ZM-3708	32

Ürün Tipi / *Replacing*: **DENSO**

MEGA	WAI	SAYFA NO
SND-2708	17883N	31
SND-3708	66-8240	32

MEGA	CARGO	SAYFA NO
SND-3708	334034	32

Ürün Tipi / *Replacing*: **MITSUBISHI**

MEGA	UNIPOINT	SAYFA NO
SMI-0699	SNLS-607	25
SMI-0753C	SNLS-753C	26
SMI-0893	SNLS-678	27
SMI-0896	SNLS-752	25
SMI-2897	SNLS-7531	29
SMI-2993	SNLS-6109	30
SMI-5897	SNLS-753A	31

MEGA	WAI	SAYFA NO
SMI-0699	66-8326	25
SMI-0753C	66-8312	26
SMI-0893	66-8331	27
SMI-0896	66-8323	25
SMI-2896	66-8399-1	28
SMI-2897	66-83121-1	29
SMI-2993	66-83129	30
SMI-4699	66-8330	30
SMI-5897	66-83101	31

MEGA	CARGO	SAYFA NO
SMI-0753C	335219	26
SMI-0893	231981	27
SMI-0896	132591	25
SMI-2896	139824	28
SMI-2897	237102	29
SMI-2993	233709	30
SMI-4699	231977	30
SMI-5897	234872	31

MEGA	ZM	SAYFA NO
SMI-0699	ZM-699	25
SMI-0753C	ZM3898	26
SMI-0893	ZM-893	27
SMI-0896	ZM-896	25
SMI-2896	ZM-2896	28
SMI-2897	ZM-2897	29
SMI-2993	ZM-2993	30

Ürün Tipi / *Replacing*: **MITSUBISHI**

MEGA	ZM	SAYFA NO
SMI-4699	ZM-4699	30
SMI-5897	ZM-5897	31

Ürün Tipi / *Replacing*: **VALEO**

MEGA	UNIPOINT	SAYFA NO
SVA-0491	SNLS-558	35
SVA-0496	SNLS-560	37
SVA-0497	SNLS-592	37
SVA-0590	SNLS-591C	38
SVA-0592	SNLS-538	39
SVA-1491	SNLS-590A	40
SVA-1495	SNLS-598	41
SVA-1498	SNLS-593	42
SVA-2491	SNLS-590F	43
SVA-2494	SNLS-597	44
SVA-2496	SNLS-592C	45
SVA-3497	SNLS-592B	46
SVA-4495	SNLS-590	48
SVA-5494	SNLS-596	49

MEGA	WAI	SAYFA NO
SVA-0391	66-9464	33
SVA-0490	66-9424	34
SVA-0491	66-9470	35
SVA-0494	66-9447	36
SVA-0496	66-9435	37
SVA-0497	66-9461	37
SVA-0590	66-9423	38
SVA-0592	66-9416	39
SVA-1491	66-9443	40
SVA-1495	66-9474	41
SVA-1498	66-9425	42
SVA-2491	66-9442	43
SVA-2494	66-9440	44
SVA-2496	66-9456	45
SVA-3497	66-9452	46
SVA-4411	66-9426	47
SVA-4495	66-9457	48
SVA-5494	66-9432	49

MEGA	CARGO	SAYFA NO
SVA-0391	334128	33
SVA-0490	135390	34
SVA-0491	132976	35

Ürün Tipi / *Replacing*: **VALEO**

MEGA	CARGO	SAYFA NO
SVA-0496	232012	37
SVA-0497	231610	37
SVA-0590	132977	38
SVA-0592	133532	39
SVA-1491	231718	40
SVA-1495	236801	41
SVA-1498	236366	42
SVA-2491	234969	43
SVA-2494	235106	44
SVA-2496	236269	45
SVA-3497	238193	46
SVA-4411	335192	47
SVA-4495	234778	48
SVA-5494	235869	49
SVA-0497	234944	37
SVA-0590	135391	38
SVA-1491	610318	40
SVA-1498	236626	42
SVA-4411	232041	47
SVA-0590	136255	38

MEGA	ZM	SAYFA NO
SVA-0391	ZM-391	33
SVA-0490	ZM-490	34
SVA-0491	ZM-491	35
SVA-0494	ZM-494	36
SVA-0496	ZM-496	37
SVA-0497	ZM-497	37
SVA-0590	ZM-590	38
SVA-0592	ZM-592	39
SVA-1491	ZM-1491	40
SVA-1495	ZM-1495	41
SVA-1498	ZM-1498	42
SVA-2491	ZM-2491	43
SVA-2494	ZM-2494	44
SVA-2496	ZM-2496	45
SVA-3497	ZM-3497	46
SVA-4495	ZM-4495	48
SVA-5494	ZM-5494	49

FAIL T.I.P. PASS
820-0063

%100 KONTROL
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APPROVED

Kardeş Elektrik olarak hedefimiz; son teknoloji cihazlarla test edilmiş, en yüksek kalite ürünleri kullanımınıza sunmaktır...

Our goal is to provide highest quality products, 100% tested with state of the art machines at Kardeş Elektrik.

SKC KARBON

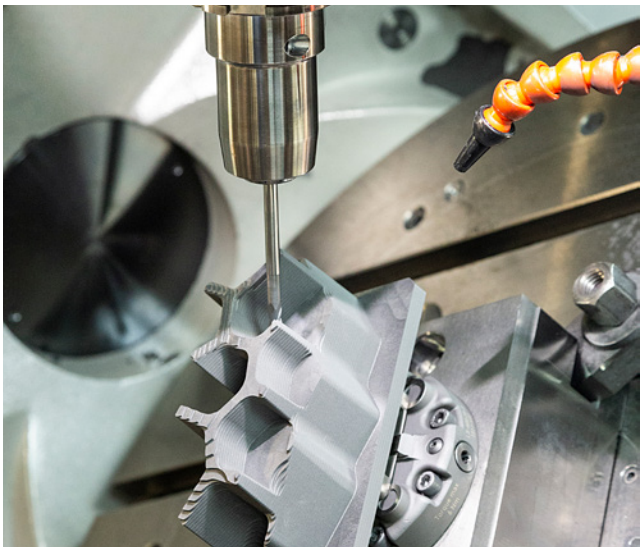
SKC Karbon; 1999 yılından bu yana, deneyimli ekibi ve gelişmiş makine parkuru ile %100 yerli işlenmiş karbon-grafit ürünlerinin imalatını gerçekleştirerek farklı sanayi tesislerine hizmet vermektedir.

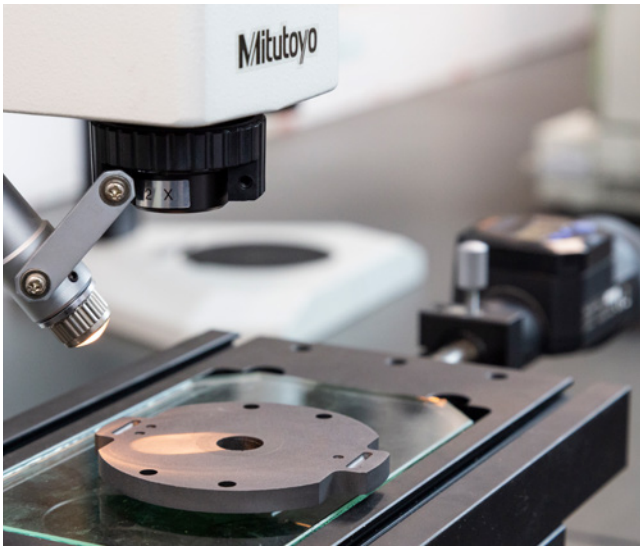
Grafit ürün yelpazemizde cam, alüminyum, elmaslı kesici takım uygulamalarına yönelik karmaşık geometrili özel grafit ürünlerinin yanı sıra; karbongrafit yataklar, sızdırmazlık karbonları, pompa palet kömürleri, karbon fırçalar, akım baraları, sürekli döküm kokilleri, pantograf kömürleri yer almaktadır. Makine mühendisliği, metalürji, kimya sanayi, enerji üretimi, çevre teknolojisi, cam/seramik sanayi portföyümüzdeki ürünlerin hitap ettiği sektörlerden bazıları olup, küresel kalite anlayışı ile bütünleşerek sanayimize en iyi hizmeti vermek firmamızın en önemli hedefidir.

SKC Karbon dünyaca tanınmış üretici firmaların Türkiye temsilciliğini üstlendiği gibi, bu firmaların sertifikalı malzemelerini de kendi üretiminde kullanmaktadır.

SKC Karbon has been providing service to different industries by manufacturing top quality carbon graphite products with its experienced team and state of the art machinery park since 1999.

Our product portfolio consists of Carbon-Graphite Bearings, Impermeability Carbons, Carbon Vanes, Industrial Carbon Brushes, Current Bars, Continuous Casting Tools and Carbon Current Collectors along with complex geometry Special Graphite products consumed in various industries such as Glass, Aluminum, EDM, Heat Treatment applications and so on. Machine Engineering, Metallurgy, Chemical Industry, Energy Generation, Environment Technology, Glass / Ceramic Industry are some of many industries where our products are widely used. Our most important goal is to provide best service to the industry by integrating with global quality concept. SKC Karbon provides excellent products made with certified raw materials manufactured by top global graphite manufacturers.





+90 (212) 624 92 04

Yassıören Mahallesi, Hifa Sokak No:4,
34277, Arnavutköy, İstanbul

www.skckarbon.com.tr

ACEL
elektrik

2008 yılında kurulan Acel Elektrik San. Tic. Ltd. Şti., Gemlik Bursa serbest bölgesinde, elektronik sektörünün uluslararası markası Phoenix Contact markalı çeşitli klemenslerin imalatına başlamıştır.

2011 yılında Phoenix Contact GmbH Almanya, Acel Elektrik'e ortak olmuş ve imalat hattı genişletilmiştir. Günümüzde ülkemizde üretilen 400'ün üzerinde çeşidi ile Phoenix Contact klemensleri dünyanın dört tarafına ihraç edilmektedir. Acel Elektrik yüksek kalitesi, zamanında sevkiyat performansı ve yüksek kaliteli imalatı sayesinde pek çok ürün için dünyada "Tek Tedarikçi" ilan edilmiştir.

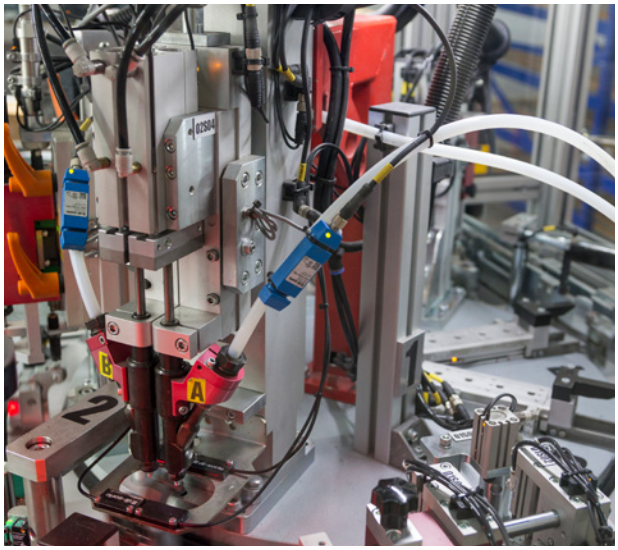
Üretilen ürünler UL, CSA, FM, VDE, ATEX sertifikalarına sahiptir. 2012 yılında imalat hattına dahil edilen gelişmiş kalıp ve enjeksiyon hatları ile hammadde ülkemizden temin edilmektedir.

Acel Elektrik, bugün 180'den fazla çalışanı ve %100 ihracat oranı ile ülke ekonomisine önemli katkıda bulunmaktadır.

Acel Elektrik San. Tic. Ltd Sti, founded in 2008, manufactures terminal blocks of Phoenix Contact, a global player in the industry, located in Bursa Free Zone in Gemlik, Bursa.

In 2011 Phoenix Contact GmbH Germany became shareholder of Acel Elektrik and the company has been expanding its manufacturing base since then. Today several hundred different types of Phoenix Contact terminal blocks are produced in Turkey, and Acel Elektrik exports all of its manufacturing 100%. Acel Elektrik is recognized as a reliabale supplier for its high quality and just in time shipment performance. All products possess UL, CSA, FM, VDE and ATEX certifications. All raw materials are manufactured in Turkey with advanced automated injection lines.

Acel Elektrik today contributes to Turkish Economy with % 100 export and employs over 180 people.



+90(224) 524 86 81

Bursa Serbest Bölgesi, Ata Mahallesi,
Orkide Caddesi 16600, Gemlik, Bursa

www.acelelektrik.com.tr

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MERKEZ / *HEADQUARTERS*

Yassıören Mahallesi, Hifa Sokak No:4
34277 - Arnavutköy / İstanbul / Türkiye

+90 (212) 624 92 04 pbx

+90 (212) 592 48 10

www.kardeselektrik.com.tr

info@kardeselektrik.com.tr