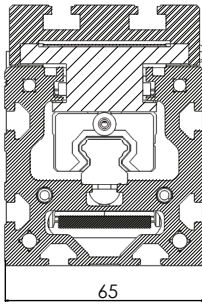
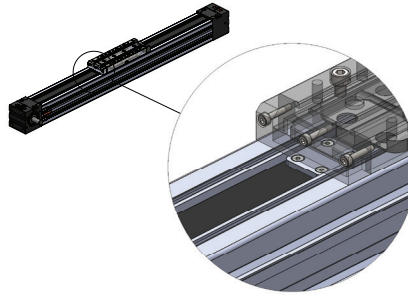


Sipariş Kodu / Ordering Code

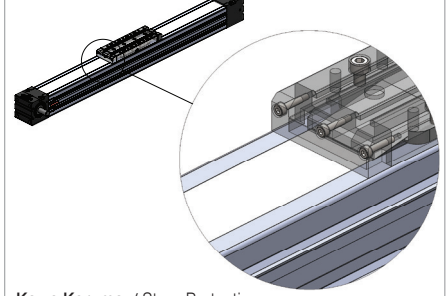
WMCS - TB - 065 -**1**
Model
Model**2**
Tahrik Birimi
Drive Unit**3**
Boyut
Size**4**
Strok
Stroke**5**
İlerleme
Lead**6**
Tahrik Yönü
Driving Side**7**
Bağlantı Kiti Modeli
Mounting Kit Model**8**
Bağlantı Kiti Montaj
Mounting Kit Assembly**1 - Model / Model****WMCS : Triger Kayışlı Modül / Timing Belt Driven Linear Module****2 - Tahrik Birimi / Drive Unit****TB : Triger Kayış / Timing Belt****3 - Boyut / Size****WMCS - TB - 065**

Standart / Standard



- - - _ - -

Opsiyon / Option



Kayış Koruma / Strap Protection

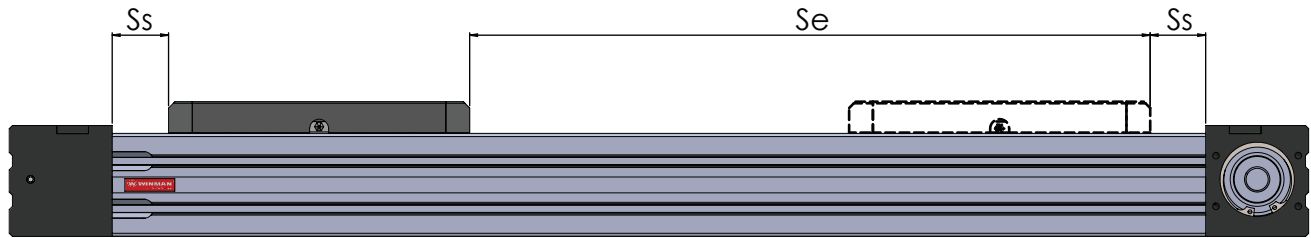
- - - _ KK

4 - Strok / Stroke**0000 : Maksimum 2750 mm / Maximum 2750 mm****Hareket Stroku / Movement Stroke**

İstenilen çalışma strokuna ek olarak Ss ölçüsü kadar her iki tarafta da boşluk bırakılması tavsiye edilir.
In addition to the desired movement stroke, it is recommended to leave a space on both sides until Ss.

$$S_m = S_e + 2.S_s$$
$$S_s = 50 \text{ mm}$$

S_m : Hareket Stroku / Movement Stroke
S_e : Etkin Hareket Stroku / Safety Stroke

**5 - İlerleme / Lead****140 : 140 mm/devir / 140 mm/rev**

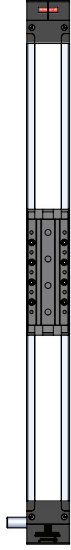
Sipariş Kodu / Ordering Code

WMCS - TB - 065 -

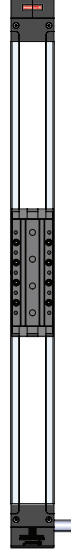
1	2	3	4	5	6	7	8
Model Model	Tahrik Birimi Drive Unit	Boyut Size	Strok Stroke	İlerleme Lead	Tahrik Yönü Driving Side	Bağlantı Kiti Modeli Mounting Kit Model	Bağlantı Kiti Montaj Mounting Kit Assembly

6 - Tahrik Yönü / Driving Side

00- Standart / Standard



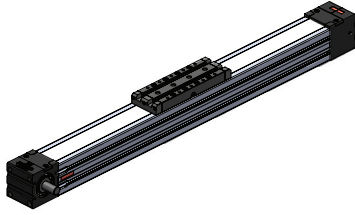
01



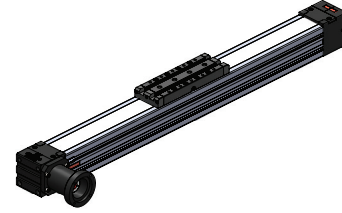
02



7 - Bağlantı Kiti Modeli / Mounting Kit Model



00 : Bağlantı Kitsiz (Standart)
Without Mounting (Standard)

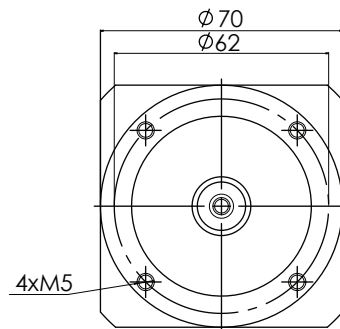


WDAK : Eksenel Kit
Axial Kit

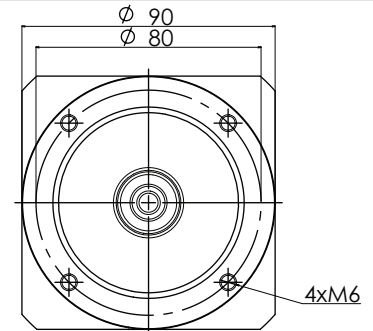
Not 1 : Farklı motor tipleri ve ölçüleri için irtibata geçiniz. Note 1 : Please contact for different motor types and mounting sizes.
Not 2 : Redüktörlü ürünler kullanmak için irtibata geçiniz. Note 2 : Please contact for to use gearbox.

8 - Bağlantı Kiti Montaj / Mounting Kit Assembly

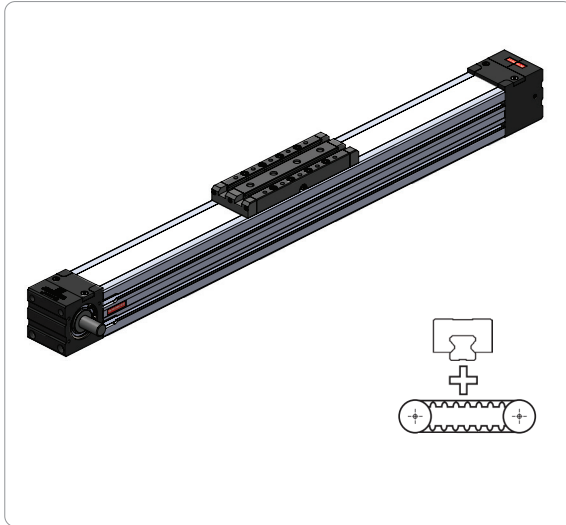
00 : Motorsuz (Standart)
Without Motor (Standard)



070 : Ø70 redüktör bağlantısı
Ø70 reducer mounting

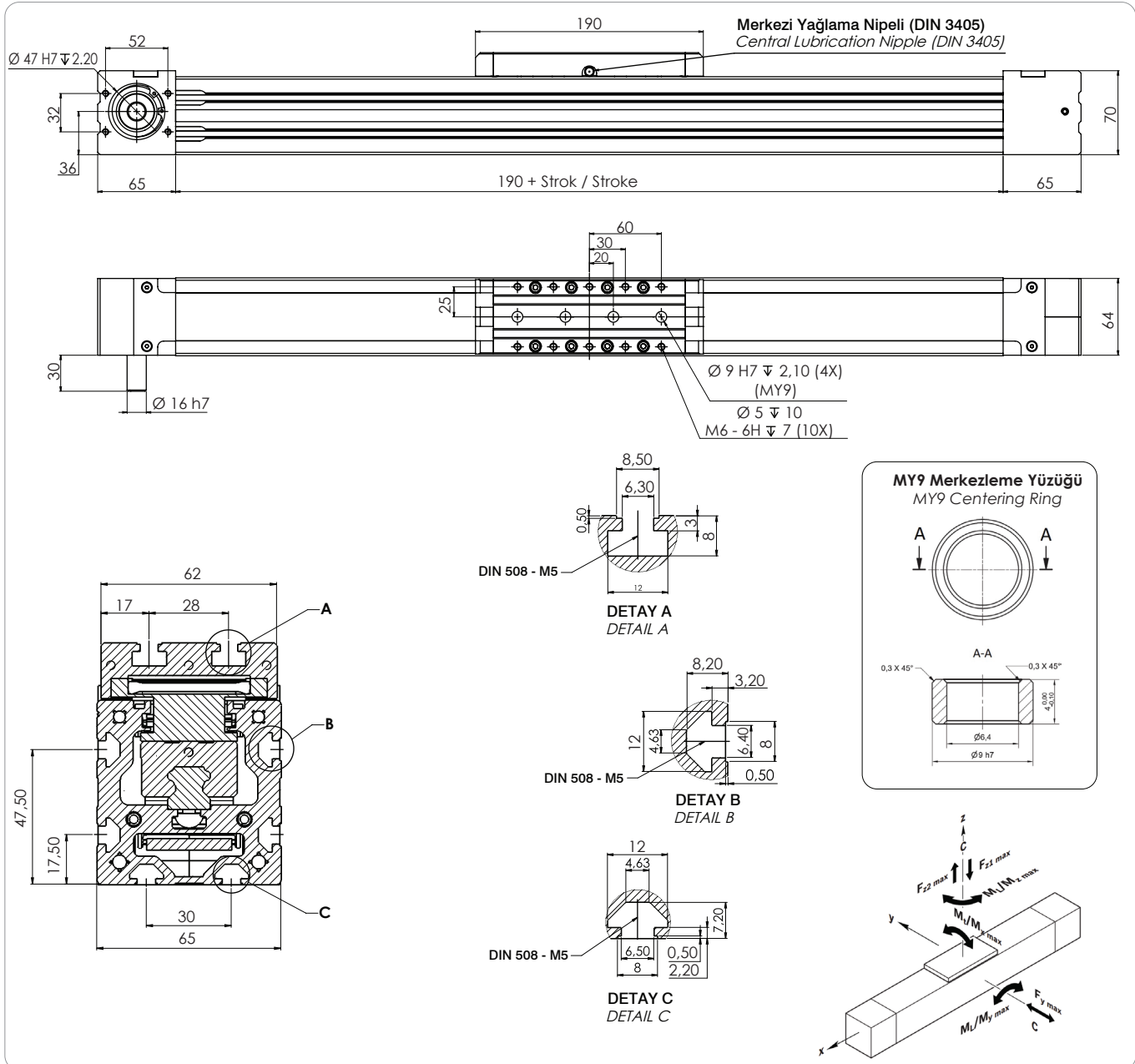


090 : Ø90 redüktör bağlantısı
Ø90 reducer mounting

WINMAN WMCS-065 Serisi Triger Kayışlı Modüller / WMCS-065 Series Timing Belt Driven Linear Modules

Özellikler / Specification

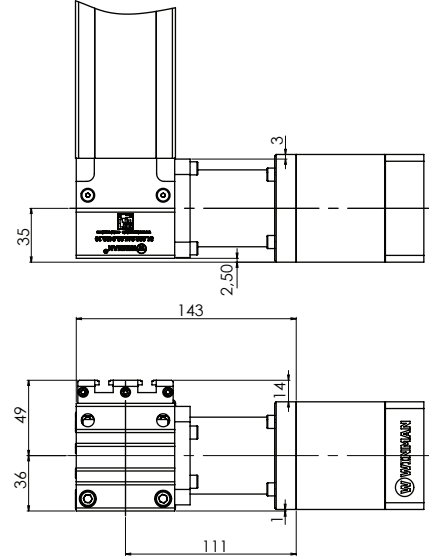
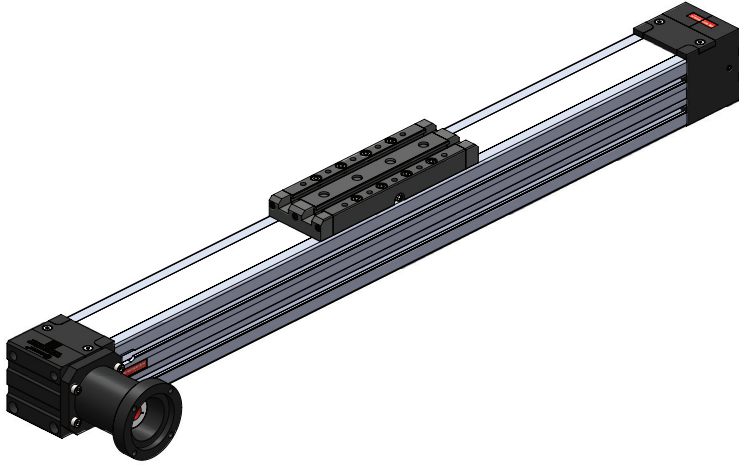
Maximum Strok / Maximum Stroke [mm]		2750
Minimum Strok / Minimum Stroke [mm]		60
Tekrarlama Hassasiyeti / Repeating Accuracy [mm]		< 0,1
Çalışma Hızı / Speed [m/s]		≤5,0
İvmelenme Max / Acceleration [m/s ²]		50
Dinamik Yük Kapasitesi Dynamic Load Capacity [kN]		Dinamik Moment Yük Kapasitesi Dynamic Torsional Moment Load Capacity [Nm]
C		M _t M _L
18,5		275 1250
Eksenlerde İzin Verilen Max. Moment Max. Permissible Torsional Moment Around The Axis [Nm]		
M _x max	M _y max	M _z max
110	502	502
Eksenlerde Max. Dinamik Yük Max. Dynamic Load in Directions [N]		
F _y max	F _{z1} max	F _{z2} max
7375	7375	7375

Not : Verilen değerler teorik değerlerdir. Emniyet kat sayısını 5 almanızı öneririz.
Note : Calculated value are theoretical values. We recommend you to calculate safety factor as five(5).

Teknik Çizim / Technical Drawing


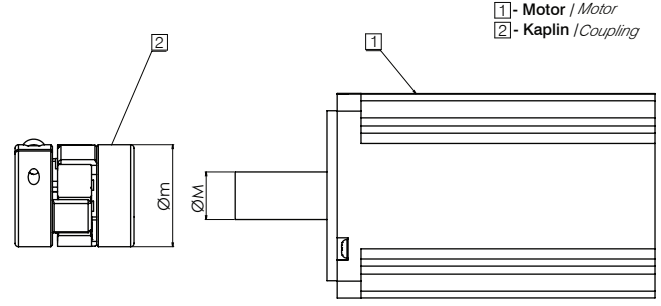
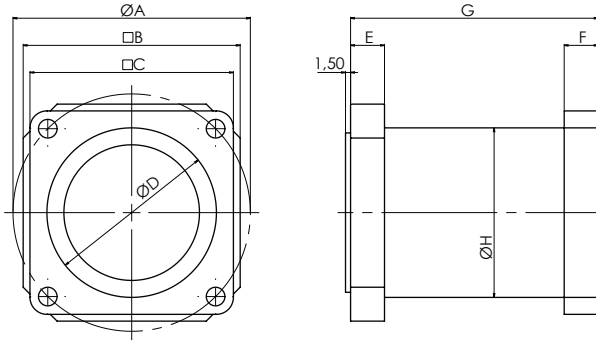
WDAK Eksenel Bağlantı Kiti / WDAK Axial Mounting Kit

Teknik Çizim / Technical Drawing



Kampana-Kaplin / Bellhousing-Coupling

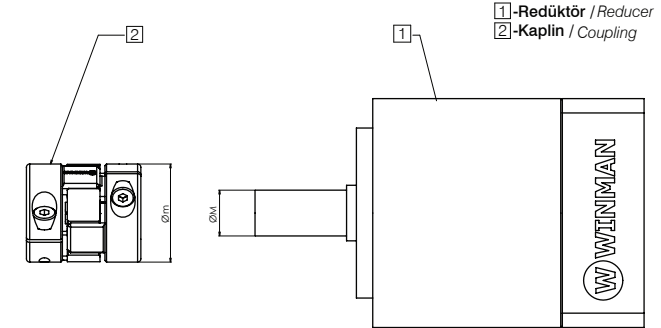
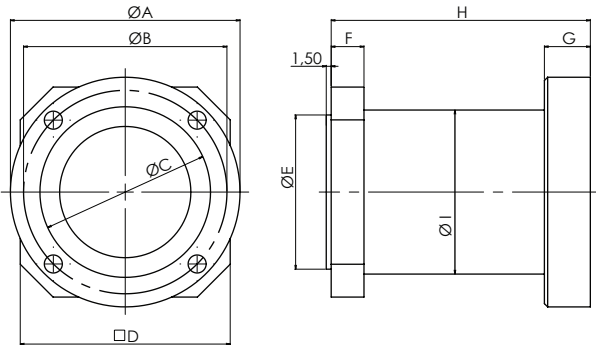
Motor Bağlantı / Motor Mounting


 1- Motor / Motor
 2- Kaplin / Coupling

Motor Tipi Motor Type	A	B	C	D	E	F	G	H
WDAK - 070	70	64	60,0	50,0	10,0	10,0	73,0	50,0
WDAK - 090	90	64	80,0	70,0	10,0	10,0	86,0	51,0

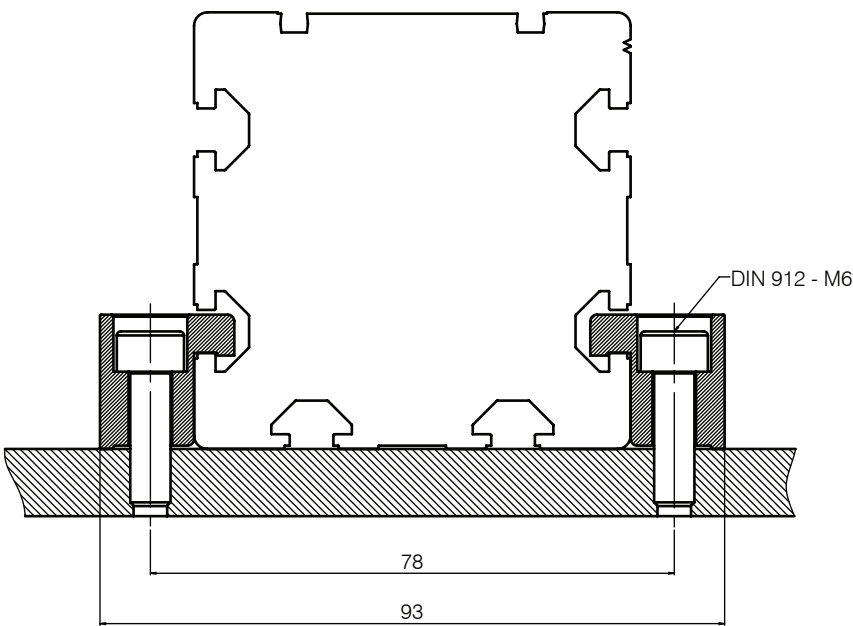
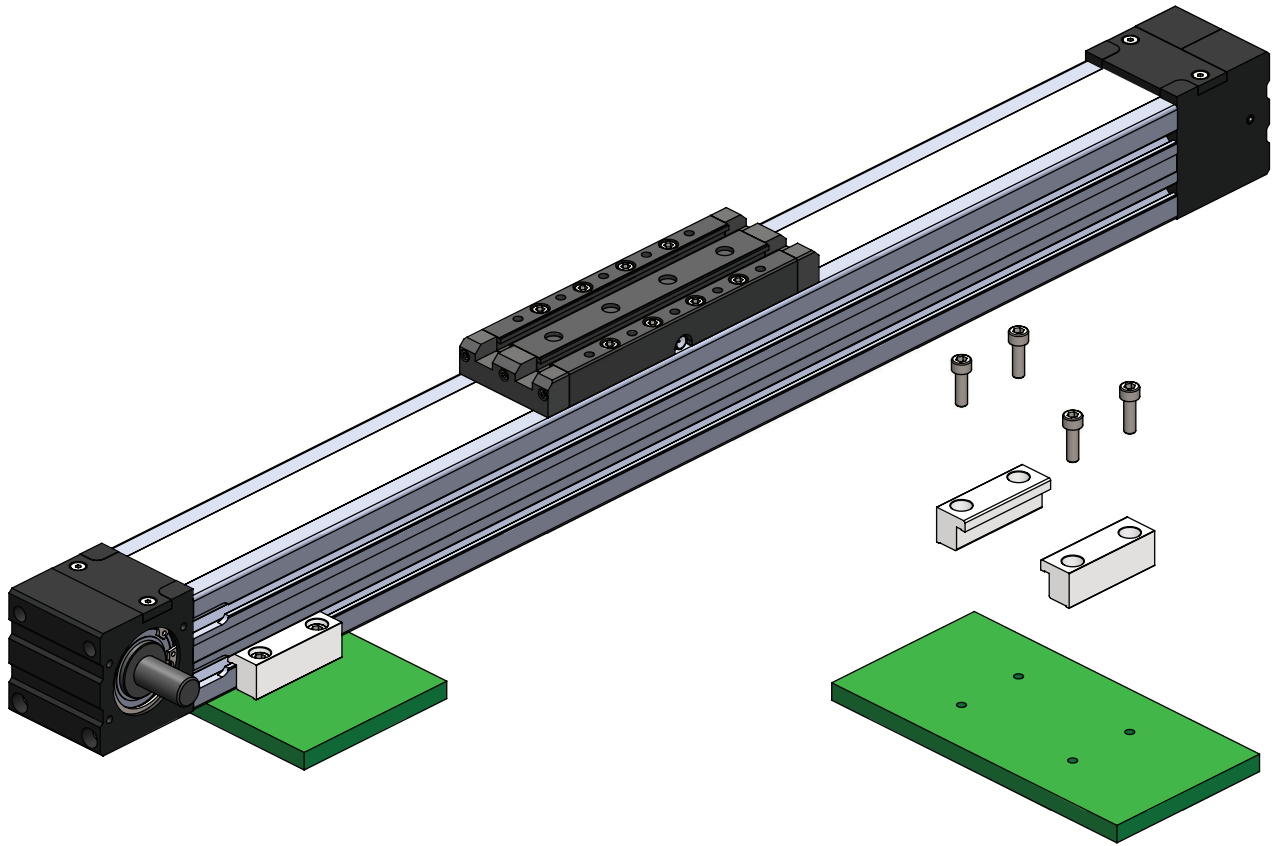
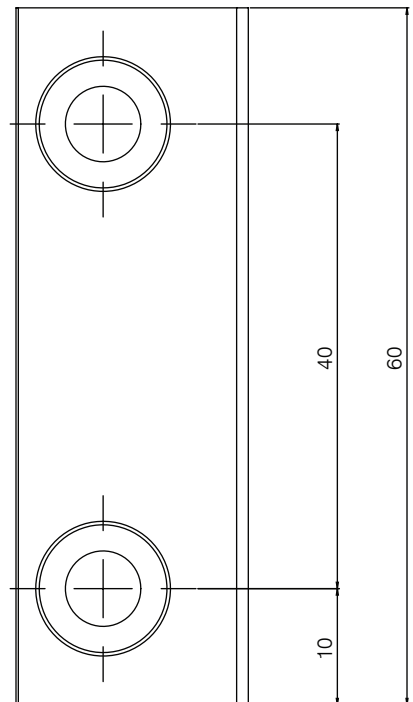
Motor Tipi Motor Type	M	m	Kaplin Modeli Coupling Model
WDAK-070	14	30	WWJCL - 30CRD
WDAK-090	19	40	WWJCL - 40CRD

Redüktör Bağlantı / Reducer Mounting

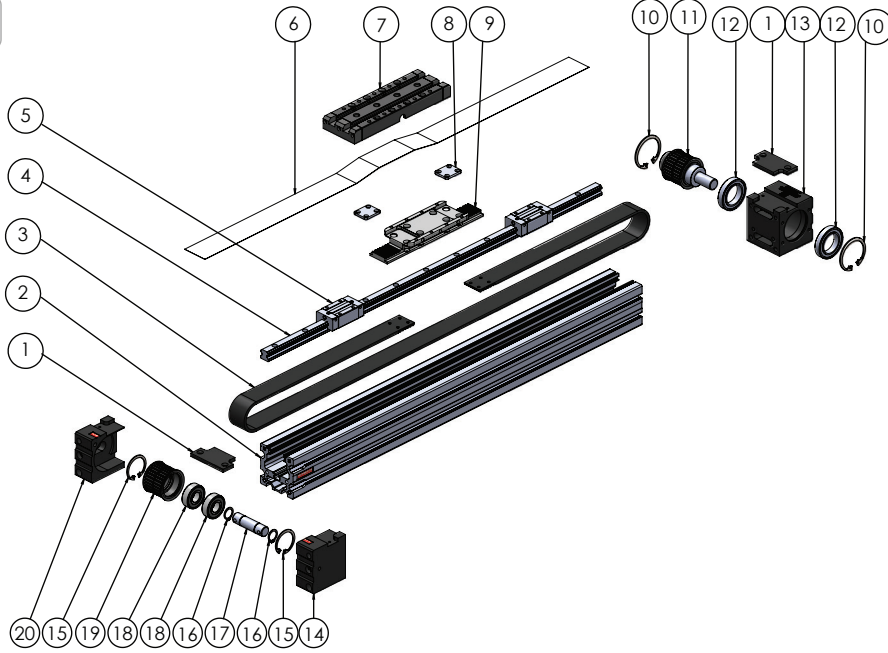
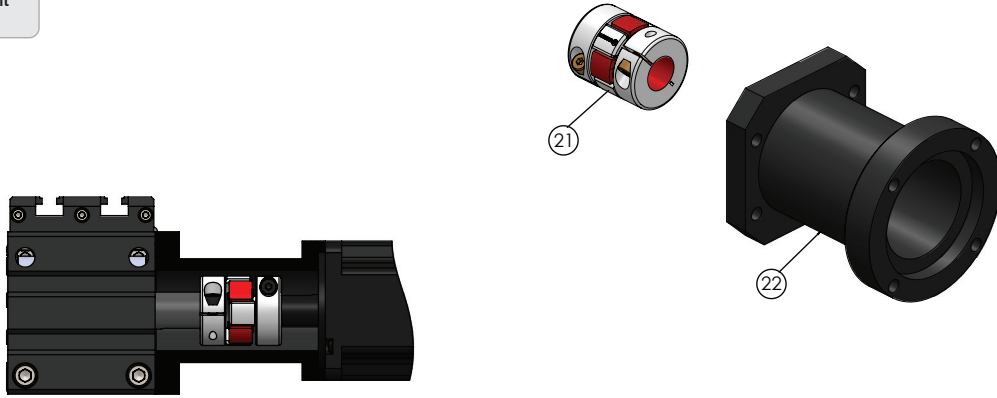

 1-Redüktör / Reducer
 2-Kaplin / Coupling

Redüktör Tipi Reducer Type	A	B	C	D	E	F	G	H	I
WPL - 070	70	62	52	64	47	10	14	79	50
WPL - 090	90	80	68	64	47	10	14	92	60

Redüktör Tipi Reducer Type	M	m	Kaplin Modeli Coupling Model
WPL-070	14	30	WWJC - 30CRD
WPL-090	22	40	WWJC - 40CRD

**WMCS 065 Sabitleme Braketi***Clamping Fixtures*

Montaj / Assembly

 WMCS Lineer Modül
 WMCS Linear Module

 WDAK Eksenel Kit
 WDAK Axial Kit


arça Piece	Miktar Qty	Parça Adı Part Name	Montaj Assembly
1	2	Koruma Plakası Bağlantı Parçası / Protect Plate Mounting Parts	Modül Module
2	1	Profil / Profile	
3	1	Triger Kayış / Timing Belt	
4	1	Lineer Ray / Ball Screw	
5	2	Lineer Araba / Linear Carriage	
6	1	Koruma Plakası / Protect Plate	
7	1	Bağlantı Plakası / Mounting Plate	
8	2	Kayış Bağlantı Parçası / Belt Mounting Parts	
9	1	Ara Bağlantı Plakası / Interface Plate	
10	2	Emniyet Segmanı / Security Clip	
11	1	Erkek Dişli Kasnak / Male Timing Belt Pulley	
12	2	Rulman / Bearing	
13	1	Kapak / Block	
14	1	Kapak Parça 1 / Block Part 1	
15	2	Emniyet Segmanı / Security Clip	
16	2	Mil Emniyet Segmanı / Shaft Security Clip	
17	1	Transmisyon Mili / Transmission Shaft	
18	2	Rulman / Bearing	
19	1	Transmisyon Kasnağı / Transmission Pulley	
20	1	Kapak Parça 2 / Block Part 2	
21	1	Kaplin / Coupling	Eksenel Kit Axial Kit
22	1	Kampana / Bellhousing	

Bakım / Maintenance

-İlk yağlama montaj sırasında yapılır.

Basic lubrication is done in-factory before shipment.

- Kapaklardaki dişli kasnakları yataklayan rulmanlar normal çalışma koşullarında tekrardan yağlama gerektirmez.

Bearings of the timing belt pulleys have been lubricated for life and will not require in-service lubrication under normal operating conditions.

- Kompakt modülün yağlaması için bağlantı plakasında yağlama nipeli için yer bulunmaktadır.

For lubrication of the compact module, link for lubrication is in the connection plate.

- Kompakt modüller sadece uygun gres yağlar ile yağlanmalıdır.

Compact Modules are designed for grease lubricants only!

- Lityum içerikli gres yağlar kullanılmalıdır.

Lithium soap grease should be used.

- Dikkat: grafit ya da MoS içeren gresler tercih etmeyiniz!

Caution: Do not use grease containing graphite or MoS!

- Yağlama, her 400 çalışma saatinde ya da 800km çalışma mesafesine ulaşıldığında yapılır.

Lubrication is performed every 400 hours or 800 km total working distance by normal operating conditions.

- Yağlama miktarı normal çalışma koşullarına göre tabloda verilmiştir.

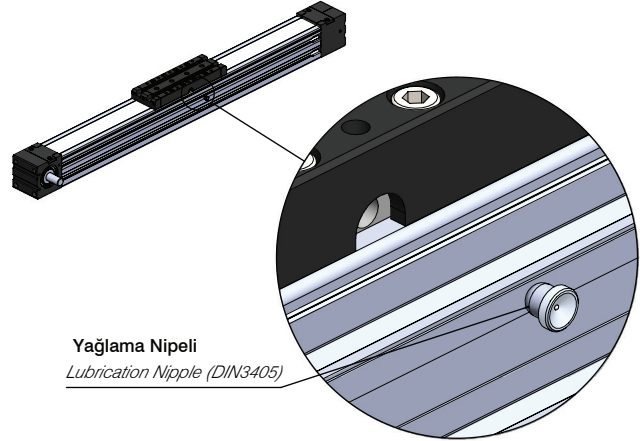
Lubrication quantity is provided in table by normal operating conditions.

- Yağlamadan sonra lineer modülü, strok mesafesi boyunca en az üç kez hareket ettirin. Bu esnada hareket hızı 10 mm/s değerini aşmamalıdır.

After lubrication, move the linear module along the stroke distance at least three times. Meanwhile, the moving speed should not exceed 10 mm/s.

- Kayış gergi ayarı; montaj sırasında fabrikada yapılır. Bakım sırasında kayış gerginliğini ayarlamak için bilgi alınız.

Belt tension adjustment; It is done at the factory during assembly. Get information to adjust the belt tension during maintenance.


Normal Çalışma Koşulları / Normal Working Conditions

Not : Tabloda belirtilen yağlama miktarı normal çalışma koşulları için geçerlidir. Farklı çalışma koşullarında yağlama miktarı değişkenlik gösterebilir.

Farklı çalışma şartlarında ki yağlama miktarı için bilgi alınız.

Note : The lubrication quantity specified in the table is valid for normal operating conditions. The lubrication quantity may vary in different operating conditions.

Get information for the lubrication quantity in different working conditions.

Ortam Sıcaklığı / Ambient Temperature	°C	10 ~ 40
Çalışma Hızı / Speed	m/s	≤ 5,0
Yük / Load	kN	≤ 0,2 C
Strok / Stroke	mm	> 60
Yağlama Periyodu / Lubrication Period	Km	800
	Hour	400
Yağlama Miktarı / Lubricate Dose	cm ³	2.5