

[www.neompart.com](http://www.neompart.com)



**HİDROLİK POMPA, P.T.O. ve VALFLER**  
HYDRAULIC PUMP, P.T.O. and VALVES

**NEOMPART**  
HYDRAULIC

# NEOMPART

## HYDRAULIC

### HAKKIMIZDA / ABOUT US

2020 yılında kurulan firmamız bugün yüzlerce hidrolik pompa, PTO ve valf çeşidiyle yurtiçinde ve dünyanın dört bir tarafında siz değerli müşterilerimize kaliteli hizmet sunmaya çalışmaktadır.

Kurulduğu ilk günden itibaren kaliteyi ön planda tutan firmamız bugünlere sizlerin güveniyle başarılı bir şekilde gelmiştir.

Üretim ve satış kanalları arasında, eksel pistonlu pompalar, pistonlu pompalar, dişli pompalar, pto'lar, kardan milleri vb. ürünler ile sektör ihtiyaçlarına tam anlamıyla karşılık verir duruma geldik.

Kalifiye personel kadromuzu kaliteli mamüller ile birleştirerek kıymetli müşterimize en kalite ürünü, en kısa sürede sunmak temel politikamızdır. Bizim hizmetlerimiz sadece ürünü satma aşamasında olmayıp satış sonrası hizmetlerimiz ve ürün güvenilirliğimiz bizi sektörde tercih edilir hale getirmiştir..

Our company, which was established in 2020, is trying to provide quality service to our valued customers in the country and all over the world with hundreds of hydraulic pumps, PTO and valve types today.

Our company, which has prioritized quality since the first day it was founded, has come to this day successfully with your trust.

Among its production and sales channels, there are axial piston pumps, piston pumps, gear pumps, ptos, cardan shafts, etc. We are in a position to fully respond to the needs of the sector with our products.

Our basic policy is to combine our qualified personnel with quality products and to offer the best quality product to our valuable customers as soon as possible. Our services are not only at the stage of selling the product, but also our after-sales services and product reliability have made us preferable in the sector.



### UYGUN POMPA VE YAĞ SEÇİMİ

#### POMPA SEÇİMİ

1. Kullanım amacına uygun performans (devir,basınç,debi) değerlerine sahip bir pompa modeli seçilmelidir. (dişli pompa, eksenel pompa, pistonlu pompa)
2. Uygun bağlantı flanş tipi belirlenmelidir. (DP,DPAD,vb.)
3. PTO elektrik motoru gibi tahrik elemanlarının dönüş yönüne uygun olarak pompa yönü belirlenir.
4. Pompa tahrik elemanlarına (PTO, elektrik motor vb.) bağlanırken kasıtlı olmamasına, somunların dengeli ve tam sıkılmasına, hortum bağlantılarının esnek ve rahat olmasına dikkat edilmelidir.
5. Yağ giriş çıkış deliklerindeki plastik koruyucular pompa, yerine yerleştirildikten sonra sökülmeli ve hemen rakorlar bağlanmalıdır.
6. Yağ deposu filtreler ve tesisatın temizlik ve esnekliği kontrol edilmeli yağ deposunun hava giriş çıkışı rahat olmalıdır.
7. İlk çalıştırma yapılmadan önce tesisatın pompa girişine kadar yağla dolu olduğu ve tüm vanaların açık olduğu kontrol edilmeli, bir anlık bile olsa pompa yağsız çalıştırılmamalıdır.
8. İlk çalıştırma basınç olmaksızın düşük devirde (kamyonlar için rölantide) birkaç dakika olmalı, pompanın normal çalışması, gürültü seviyesi, yağ kaçaqları gözlenmelidir. Anormal durumlarda sistemin zarar görmemesi için derhal durdurulmalı ve tekrar kontrol edilmelidir.
9. Şekilde görülen yağ tahliye deliği, yağ keçelerindeki arıza ve kaçağın kolay anlaşılması için dizayn edilmiştir. Yağ tahliye deliği operatör tarafından sık sık kontrol edilmelidir.
10. İlk çalıştırmadan sonra tesisat yağla dolacağından tank seviyesi tekrar kontrol edilmeli ve eksilen yağ miktarı eklenmelidir.
11. Pompa normal çalışırken katalogda belirtilen maksimum devilerin üzerine kesinlikle çıkılmamalıdır.
12. Pompaya basınç uygulama süreleri kesinlikle katalog değerlerinden uzun olmamalıdır.
13. Tesisattaki valflerin basınç ayarları üretin esnasında hassas ölçü aletleriyle yapıldığı için kesinlikle değiştirilmemelidir.
14. İdeal yağ sıcaklığı 500-600 arasındadır. 00-800 arasında sürekli çalıştırılabilir.
15. Sistem normal çalışsa bile tesisatın periyodik bakımları (yağ kalitesi, filtre temizliği, görsel kontroller vb.) ihmal edilmemelidir.
16. Olası problemlerde servis bölümüyle irtibat kurulmalıdır.

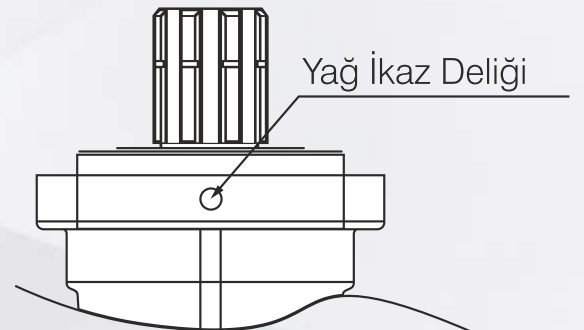
#### UYGUN YAĞ SEÇİMİ

Kullanılan yağlar pompanın ömrünü direkt etkilemektedir. Bu sebepten dolayı mümkün olduğunca pompaya giden yağın filtre sisteminden geçmesini sağlamalısınız. Filtresiz bir sistemde pompanızın ömrü kısa olacaktır.

Kış aylarında SAE 10W ve yaz aylarında SAE 20W tipi yağ kullanılması tavsiye edilir.

Kullanılabilecek bazı yağ tipleri aşağıdaki tabloda belirtilmiştir.

FİRMA ADI	ISO 32	ISO 46
BP	ENERGOL HLP 32	ENERGOL HLP 46
MOBİL	D.T.E. 24	D.T.E. 25
PETROL OFİSİ	RANDO OIL HD 32	RANDO OIL HD 46
SHELL	TELLUS 32	TELLUS 46



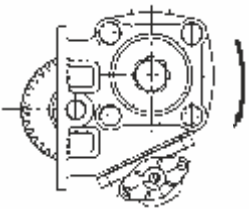
### PUMP SELECTION AND MOUNTING INSTRUCTIONS

#### PUMP SELECTION

1. Select a pump model which has performance values (pressure, flow) adequate to usage purpose (gear, pump, piston pump, bent axis pump)
2. Determine adequate connection flange type (UNI, ISO, Shaft, etc)
3. Choose pump rotation according to the rotation of stimulating components as PTO, electric motor.
4. Notice that while mounting pump to stimulating components (electric motor, PTO, etc.) it shouldn't be swanky, nuts should be tightened completely and balanced, hoses connections should be flexible.
5. Pull out plastic plugs on oil inlet and outlet holes after mounting the pump and mount fittings immediately.
6. Check cleanliness and flexibility oil tank, filters and the system. Air inlet and outlet of oil tank should be flexible.
7. Check that all the system is filled with oil till pump inlet and all the valves are open, do not run pump without oil even a few seconds.
8. First operation should be for a few minutes without pressure and with low circuit and check whether pump is working normally, its noise level and oil leaks. When an abnormal condition is aroused, stop system and check for faults.
9. Oil emptying hole shown on Figure is designed to understand the failures and leaks on oil seals. Operator should check oil emptying hole frequently.
10. After first operation system will fill with oil tank level should be checked again and add decreasing oil to oil tank.
11. While operating pump normally, do not extend maximum circuit values mentioned in catalogue.
12. Do not pass pressure valves pressure adjustments while they are adjusted during production with sensitive measurement tools.
13. Do not change valves pressure adjustments while they are adjusted during production with sensitive measurement tools.
14. Ideal oil temperature is between 50-60. Pump can run between 0-80.
15. Do not neglect periodical attentions of systems although it runs normally. (Oil quality, filter cleanliness, visual controls, etc...)
16. Contact with service department on probable problems.

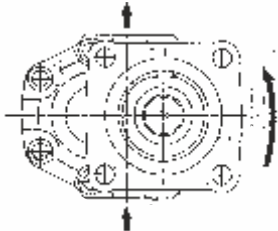
#### OUR SELECTION

Oil directly pumps lifetime. That's why pumps oil should pass from filter system. Your pumps life will be shorter without filters in your system. We recommend you to use SAE 10W type of oil in winters and SAE 20W in summers.

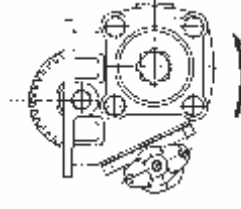


Your pump must be LEFT rotating if the PTO shaft is RIGHT rotating

PTO mili Sağa Dönüyorsa pompanız SOL dönüşlü olmalıdır.

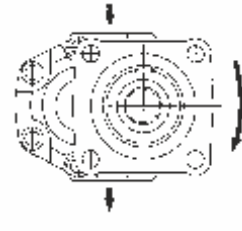


Anti-clokc rotation (LEFT)  
Saat ibresi tersi yönünde dönme (SOL)



Your pump must be RIGHT rotating if the PTO shaft is LEFT rotating

PTO mili SOLA Dönüyorsa pompanız SAĞ dönüşlü olmalıdır.



Clockwise rotation (RIGHT)  
Saat ibresi yönünde dönme (SAĞ)

# NEOMPART

## HYDRAULIC

### İÇİNDEKİLER / INDEX

EKSENEL PİSTONLU POMPALAR / AXIAL PISTON PUMP	5
PİSTONLU POMPALAR / PISTON PUMPS	9
DİŞLİ POMPALAR 30 GRUBU / GEAR PUMPS 30 GROUPS	17
DİŞLİ POMPALAR 35 GRUBU / GEAR PUMPS 35 GROUPS	29
DİŞLİ POMPALAR 40 GRUBU / GEAR PUMPS 40 GROUPS	33
GÜÇ AKTARMA KUTULARI / POWER TAKE OFF (P.T.O.)	43
PLEYTLER / PLATE	119
KARDAN MİLLERİ / CARDAN SHAFTS	121
ADAPTÖRLER / FLANŞLAR / KAPLINLER / ADAPTERS/FLANGES/COUPLINGS	125
HİDROLİK VAFLER / HYDRAULIC VALVES	129
KUMANDA KOLLARI / CONTROL VALVES	133
PNÖMATİK KONTROLLER / PNEUMATIC CONTROLS	137
YAĞ TANKLARI / OIL TANKS	141
SİLİNDİRLER / CYLINDERS	143
YEDEK PARÇALAR / SPARE PARTS	145

## EKSENEL PİSTONLU POMPALAR / AXIAL PISTON PUMPS

**35 LT EKSENEL PİSTONLU POMPA**  
35 LT AXIAL PISTON PUMP

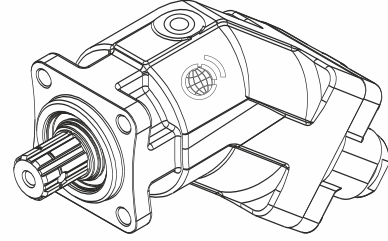
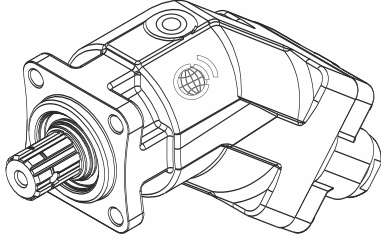
**45 LT EKSENEL PİSTONLU POMPA**  
45 LT AXIAL PISTON PUMP

**65 LT EKSENEL PİSTONLU POMPA**  
65 LT AXIAL PISTON PUMP

**85 LT EKSENEL PİSTONLU POMPA**  
85 LT AXIAL PISTON PUMP

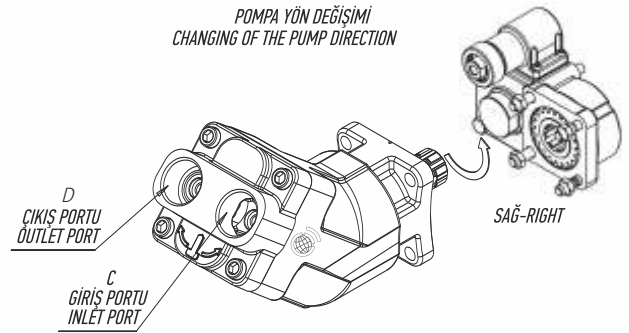
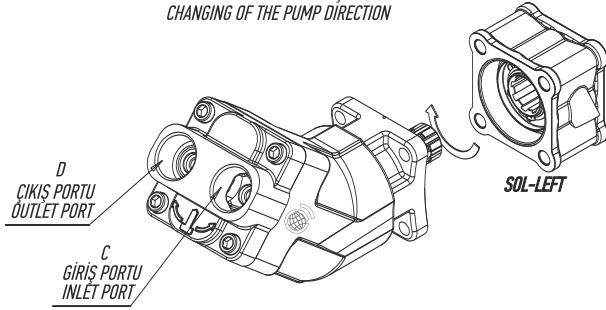
**105 LT EKSENEL PİSTONLU POMPA**  
105 LT AXIAL PISTON PUMP





POMPA YÖN DEĞİŞİMİ  
CHANGING OF THE PUMP DIRECTION

POMPA YÖN DEĞİŞİMİ  
CHANGING OF THE PUMP DIRECTION

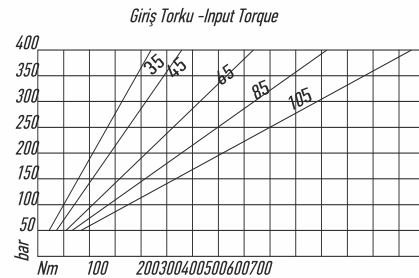
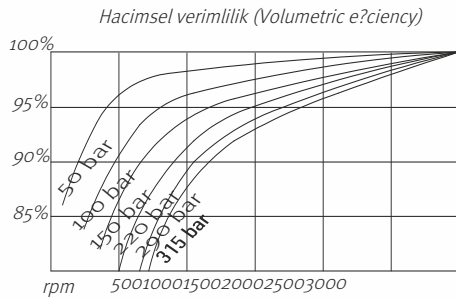
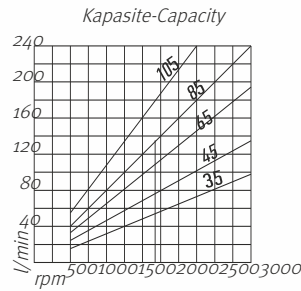
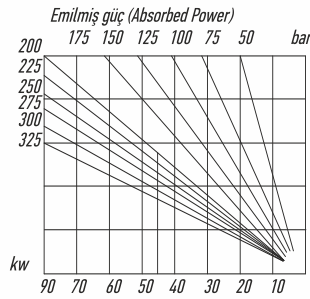


1-AŞAĞIDAKİ DEĞERLER GİRİŞ PORTU AÇIK KALIRDA HAVA ALIRSA 0.8 BARDA MİNERAL YAĞDA ÇALIŞTIRILDIĞI ZAMAN GİRİŞ PORTU AÇIK OLDUĞUNDAN DOLAYI TEKNİK VERİLER DÜŞER.BUDA %3 DEBİ KAYBIDA DAHİLDİR.

2-KURULUMDAN ÖNCE POMPA YÖNÜNÜ KONTROL ETTİĞİNİZDEN EMİN OLUN.

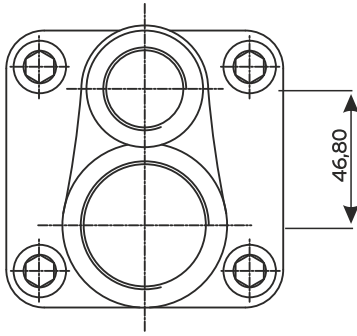
1. SUPPOSE THAT THE INLET PORT IS OPEN AND TAKES THE AIR, WHEN THE PUMP IS RUN BY THE MINERAL OIL AT 0.8 BAR, THE TECHNICAL DATA DECREASE DUE TO THE OPEN INLET PORT, INCLUDING 3% LACKING OF FLOW.

2. PLEASE BE SURE TO CHECK THE DIRECTION OF THE PUMP BEFORE INSTALLATION.

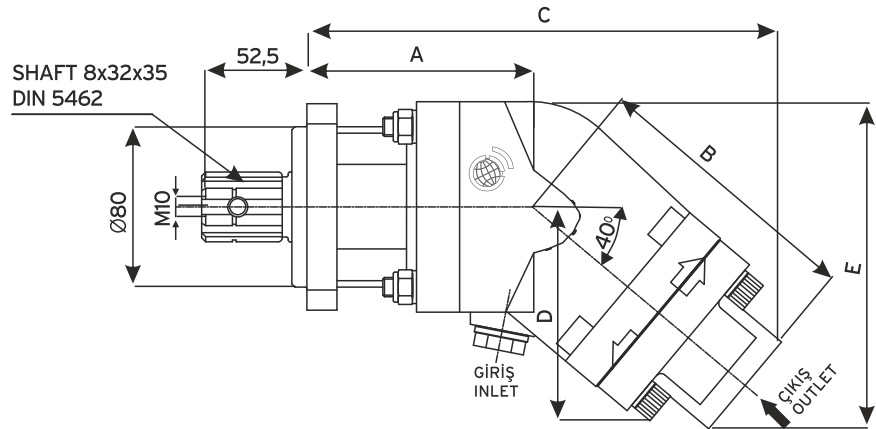
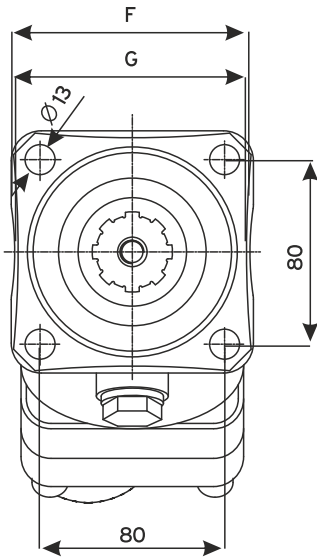


EKSENEL PİSTONLU POMPA  
30 GROUPS

43 LT



A GÖRÜNÜŞÜ  
A VIEW



KODU CODE	POMPA TİPİ PUMP TYPE	DEBİ DISPLACEMENT	MAX.ÇAL.BAS. MAX. WORK. PRESS.	MAX. ANİ BAS. MAX. PEAK PRESS.	MAX. HIZ MAX SPEED	GİRİŞ INLET	ÇIKIŞ OUTLET	AĞIRLIK WEIGHT
16220350366 SAĞ/CW 16220350399 SOL/CCW	35 LT EKSENEL	35 LT / 1000 DV	390 BAR	440 BAR	2100	R1" 1/4	3/4"	14 KG.
16220450366 SAĞ/CW 16220450399 SOL/CCW	45 LT EKSENEL	45 LT / 1000 DV	390 BAR	440 BAR	2000	R1" 1/4	3/4"	14 KG.
16220650366 SAĞ/CW 16220650399 SOL/CCW	65 LT EKSENEL	65 LT / 1000 DV	350 BAR	440 BAR	2000	R1" 1/4	R1"	16 KG.
16220850366 SAĞ/CW 16220850399 SOL/CCW	85 LT EKSENEL	85 LT / 1000 DV	300 BAR	350 BAR	1900	R1" 1/2	R1"	18 KG
16221050366 SAĞ/CW 16221050399 SOL/CCW	105 LT EKSENEL	105 LT / 1000 DV	300 BAR	350 BAR	1700	R1" 1/2	R1"	20 KG.

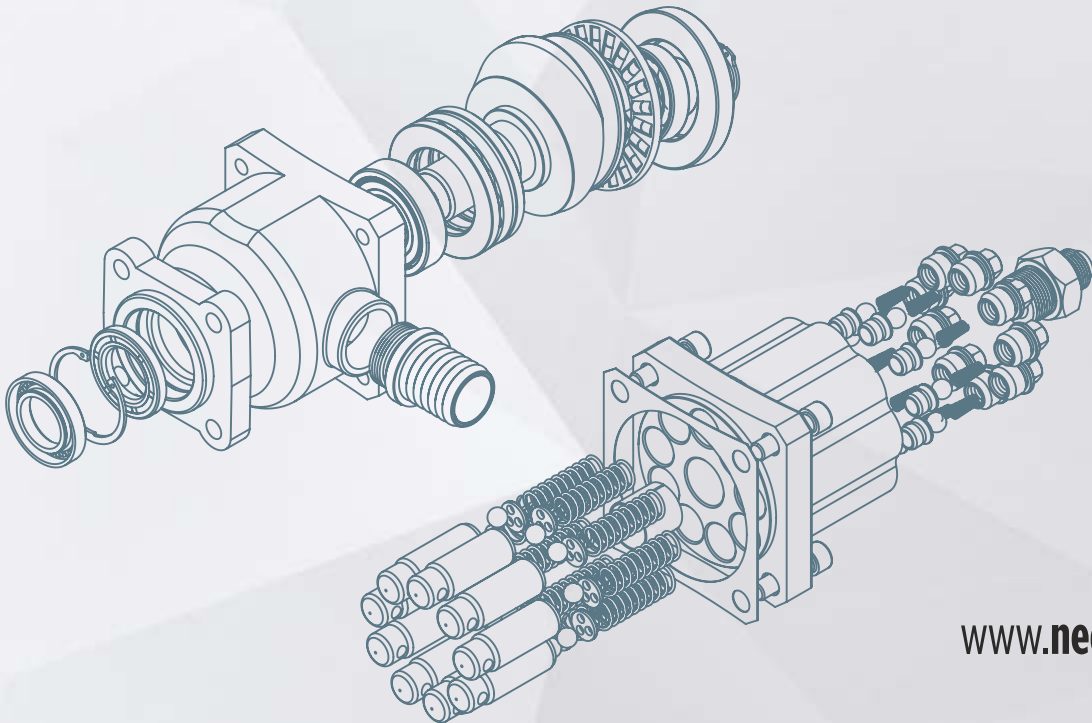


**NEOMPART**  
HYDRAULIC

---

# PISTONLU POMPALAR

## PISTON PUMPS



[www.neompart.com](http://www.neompart.com)

## PİSTONLU POMPALAR / PISTON PUMPS

**60 LT 6 PİSTON POMPA**  
60 LT 6 PISTON PUMP

**10**

**60 LT 6 PİSTON POMPA YÜKSEK BASINÇ**  
60 LT 6 PISTON PUMP HIGH PRESSURE

**11**

**85 LT - 105 LT 9 PİSTON POMPA**  
85 LT - 105 LT 9 PISTON PUMP

**12**

**85 LT - 105 LT 9 PİSTON POMPA YÜKSEK BASINÇ**  
85 LT - 105 LT 9 PISTON PUMP HIGH PRESSURE

**13**

**90 LT - 115 LT 10 PİSTON POMPA**  
90 LT - 115 LT 10 PISTON PUMP

**14**

**90 LT - 115 LT 10 PİSTON YÜKSEK BASINÇ POMPA**  
90 LT - 115 LT 10 PISTON PUMP HIGH PRESSURE

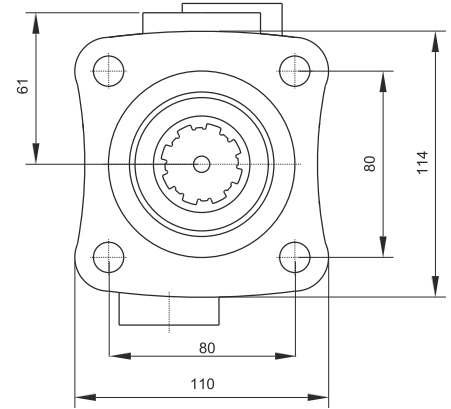
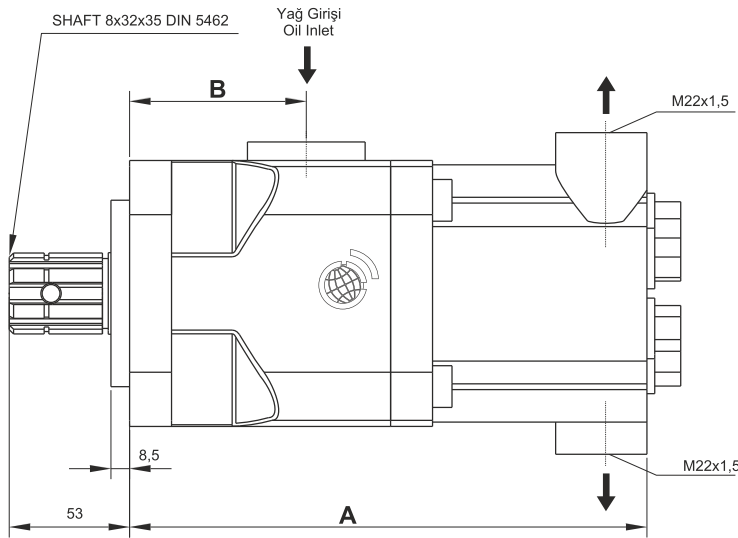
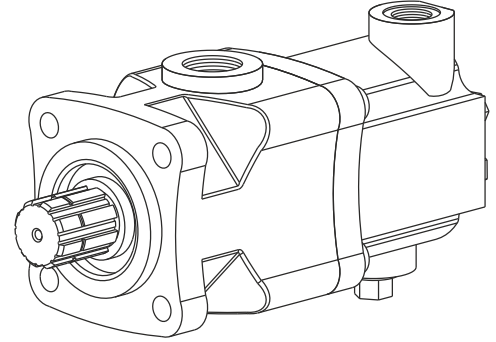
**15**



**6 PİSTONLU POMPA 60 LT**

6 PISTON PUMP 60 LT

KODU / CODE: 16110600369 Sağ CW - Sol CCW



**GENEL BİLGİLER / GENERAL DATA**

**POMPA KODU**  
PUMP CODE

**16110600369**

**İLETİM HACMİ**  
DISPLACEMENT CM/REV

**60 LT**

**A**  
mm

**221**

**B**  
mm

**75**

**GİRİŞ**  
INLET

**R1" 1/4**

**ÇIKIŞ**  
OUTLET

**M22X1.5**

**AĞIRLIK**  
WEIGHT KG

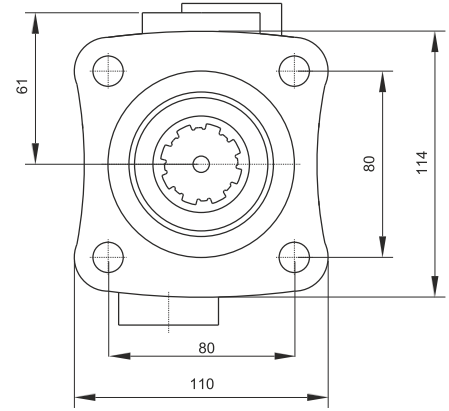
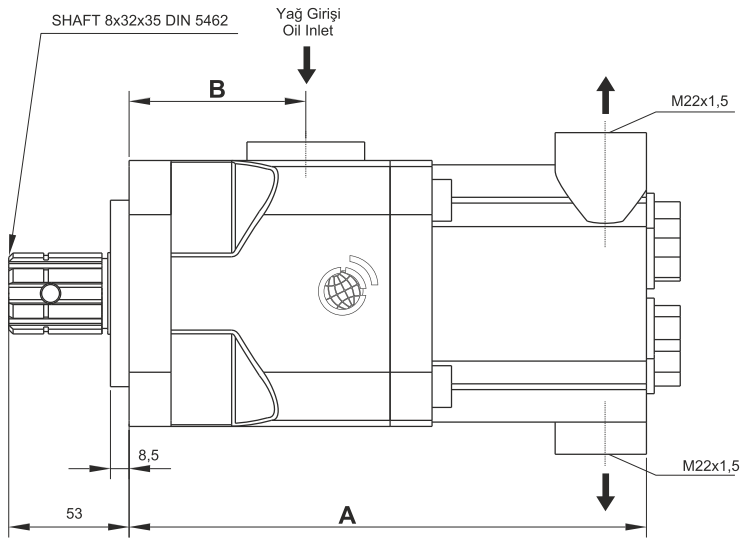
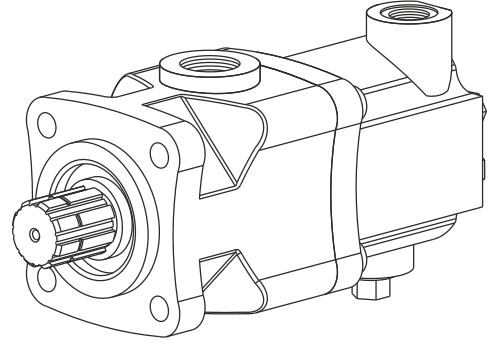
**14 Kg**

**ÇALIŞMA BASINCI**  
WORKING PRESSURE

**200 Bar**

**6 PİSTONLU YÜKSEK BASINÇ POMPA 60 LT**  
6 PISTON PUMPS HIGH PRESSURE 60 LT

KODU / CODE: 16160600369 Sağ CW - Sol CCW



GENEL BİLGİLER / GENERAL DATA

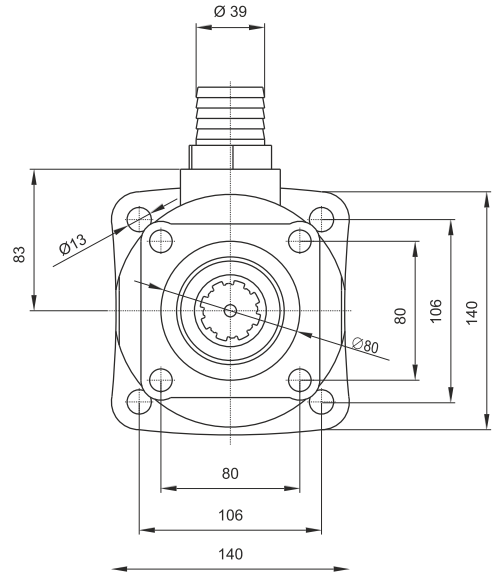
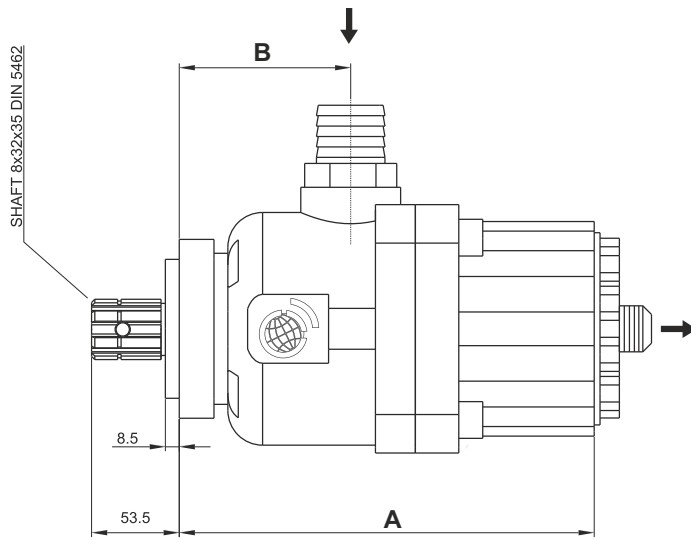
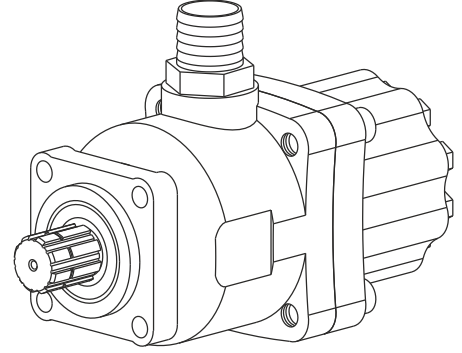
POMPA KODU PUMP CODE	İLETİM HACMİ DISPLACEMENT CM/REV	A mm	B mm	GİRİŞ INLET	ÇIKIŞ OUTLET	AĞIRLIK WEIGHT KG	ÇALIŞMA BASINCI WORKING PRESSURE
16160600369	60 LT	221	75	R1" 1/4	M22x1.5	14,5	300 Bar

**9 PİSTONLU POMPA 85 LT - 105**

9 PISTON PUMP 85 LT - 105

**85 LT KODU / CODE:** 16120851369 SAĞ CW - SOL CCW

**105 LT KODU / CODE:** 16121051369 SAĞ CW - SOL CCW



**GENEL BİLGİLER / GENERAL DATA**

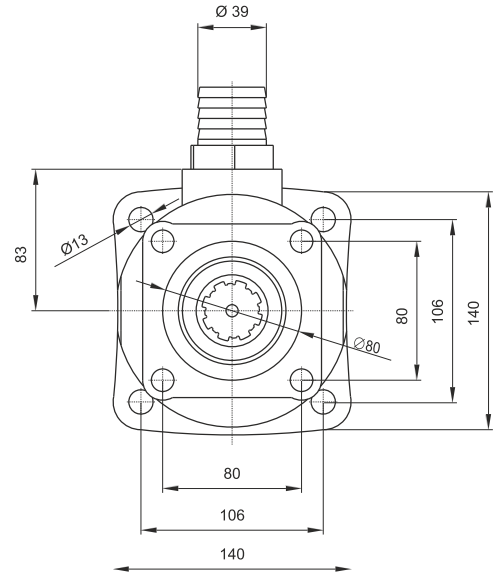
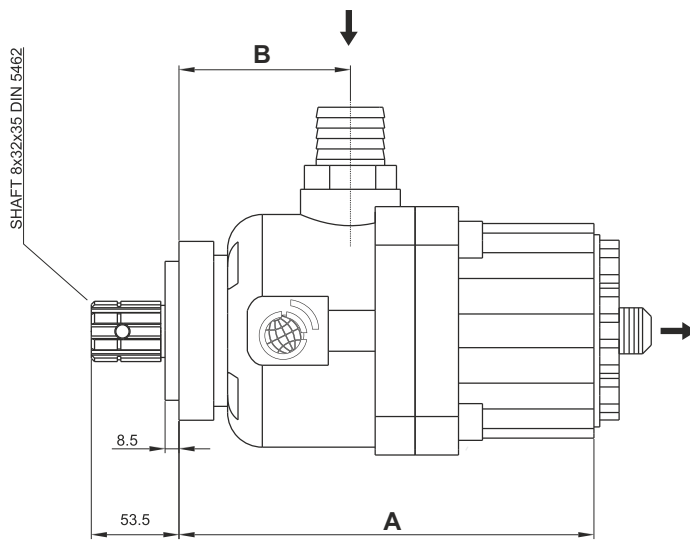
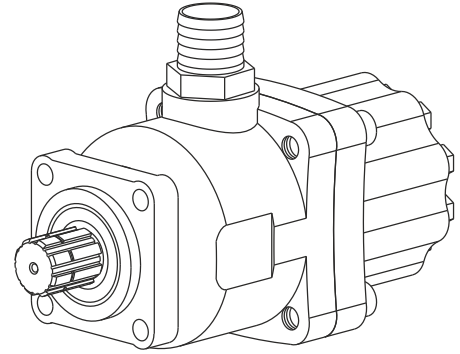
POMPA KODU PUMP CODE	İLETİM HACMİ DISPLACEMENT CM/REV	MAX. BASINÇ MAX. PRESSURE	MAX. HIZ MAX. SPEED	A mm	B mm	GİRİŞ INLET	ÇIKIŞ OUTLET	AĞIRLIK WEIGHT KG
16120851369 16121051369	85 LT 105 LT	200 Bar 200 Bar	1200 1200	240 240	100 100	R1" 1/4	R1"	18 KG

## 9 PİSTONLU YÜKSEK BASINÇ POMPA 85 LT - 105

9 PISTON HIGH PRESSURE PUMP 85 LT - 105

**85 LT KODU / CODE:** 16170851369 SAĞ CW - SOL CCW

**105 LT KODU / CODE:** 16171051369 SAĞ CW - SOL CCW



### GENEL BİLGİLER / GENERAL DATA

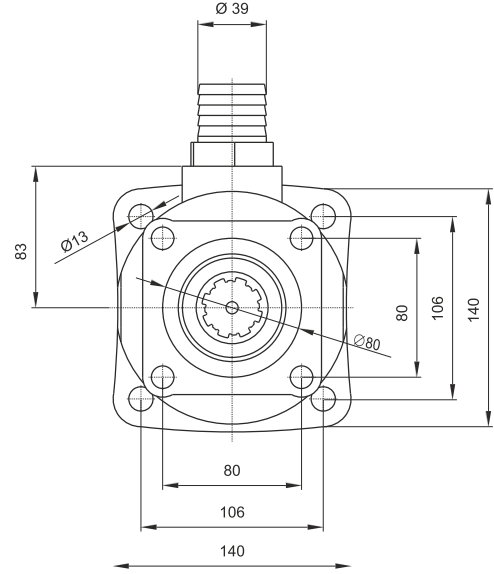
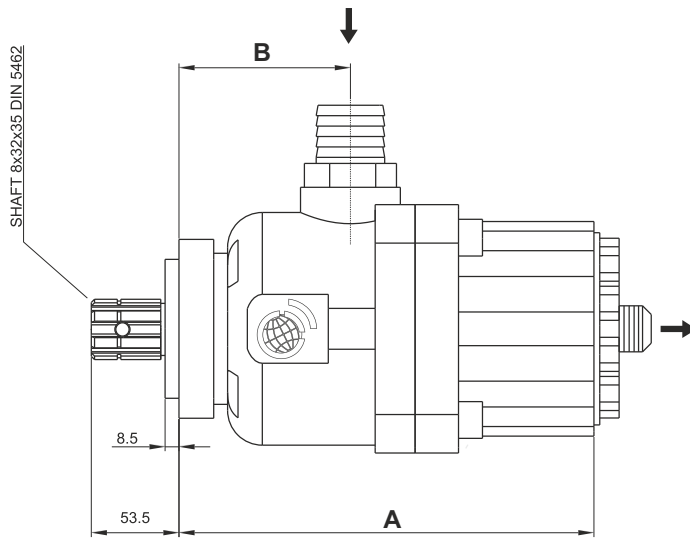
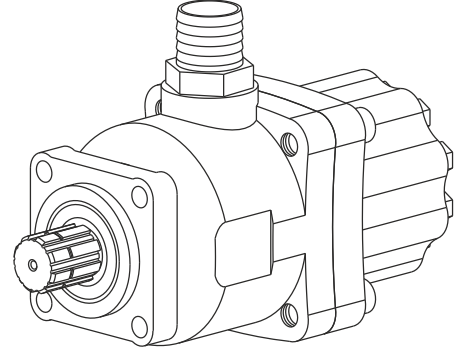
POMPA KODU PUMP CODE	İLETİM HACMİ DISPLACEMENT CM/REV	MAX. BASINÇ MAX. PRESSURE	MAX. HIZ MAX. SPEED	A mm	B mm	GİRİŞ INLET	ÇIKIŞ OUTLET	AĞIRLIK WEIGHT KG
16170851369 16171051369	85 LT 105 LT	300 Bar 300 Bar	1200 1200	240 240	100 100	R1" 1/4	R1"	19KG

**10 PİSTONLU POMPA 90 LT - 115**

10 PISTON PUMP 90 LT - 115

**90 LT KODU / CODE:** 16130900369 SAĞ CW - SOL CCW

**105 LT KODU / CODE:** 16131150369 SAĞ CW - SOL CCW



**GENEL BİLGİLER / GENERAL DATA**

POMPA KODU PUMP CODE	İLETİM HACMİ DISPLACEMENT CM/REV	MAX. BASINÇ MAX. PRESSURE	MAX. HIZ MAX. SPEED	A mm	B mm	GİRİŞ INLET	ÇIKIŞ OUTLET	AĞIRLIK WEIGHT KG
16130900369 16131150369	90 LT 115 LT	200 Bar 200 Bar	1200 1200	240 240	100 100	R1" 1/4	R1"	22 KG



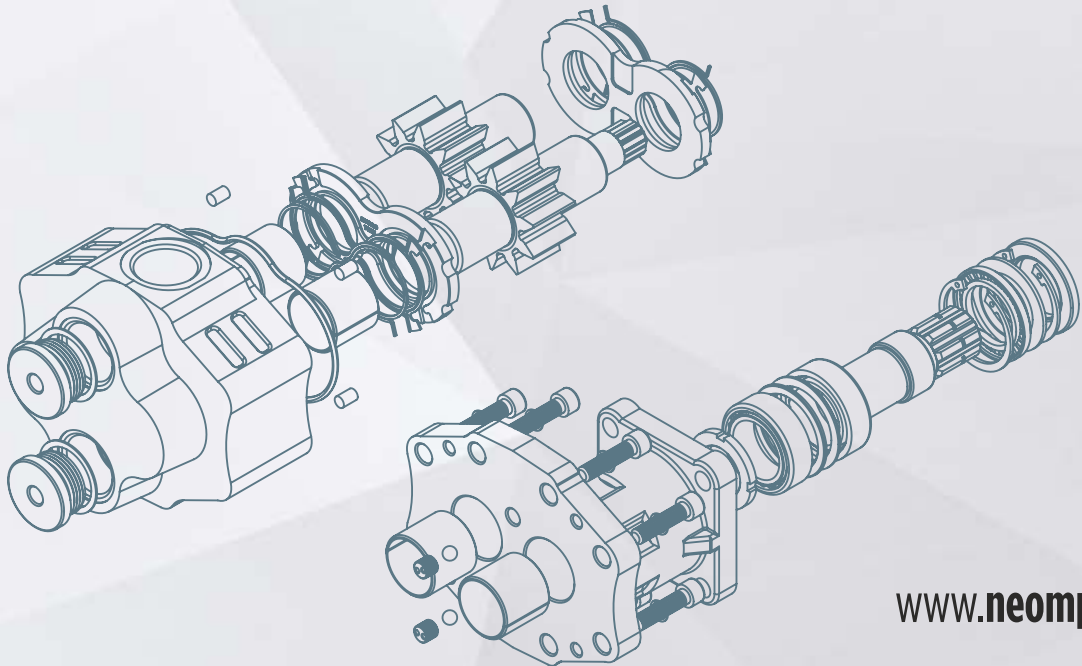


**NEOMPART**  
HYDRAULIC

---

# DIŞLİ POMPALAR

## GEAR PUMPS



[www.neompart.com](http://www.neompart.com)

## 30 SERİSİ DİŞLİ POMPALAR / 30 SERIES GEAR PUMPS

**17 LİTRE DİŞLİ POMPA**  
17 LT GEAR PUMP

**19**

**27 LİTRE DİŞLİ POMPA**  
27 LT GEAR PUMP

**20**

**34 LİTRE DİŞLİ POMPA**  
34 LT GEAR PUMP

**21**

**43 LİTRE DİŞLİ POMPA**  
43 LT GEAR PUMP

**22**

**51 LİTRE DİŞLİ POMPA**  
51 LT GEAR PUMP

**23**

**61 LİTRE DİŞLİ POMPA**  
61 LT GEAR PUMP

**24**

**61 LİTRE DİŞLİ POMPA ŞAFTLI VANALI**  
61 LT GEAR PUMP DPSV

**25**

**82 LİTRE DİŞLİ POMPA**  
82 LT GEAR PUMP

**26**

**82 LİTRE DİŞLİ POMPA ŞAFTLI VANALI**  
82 LT GEAR PUMP DPSV

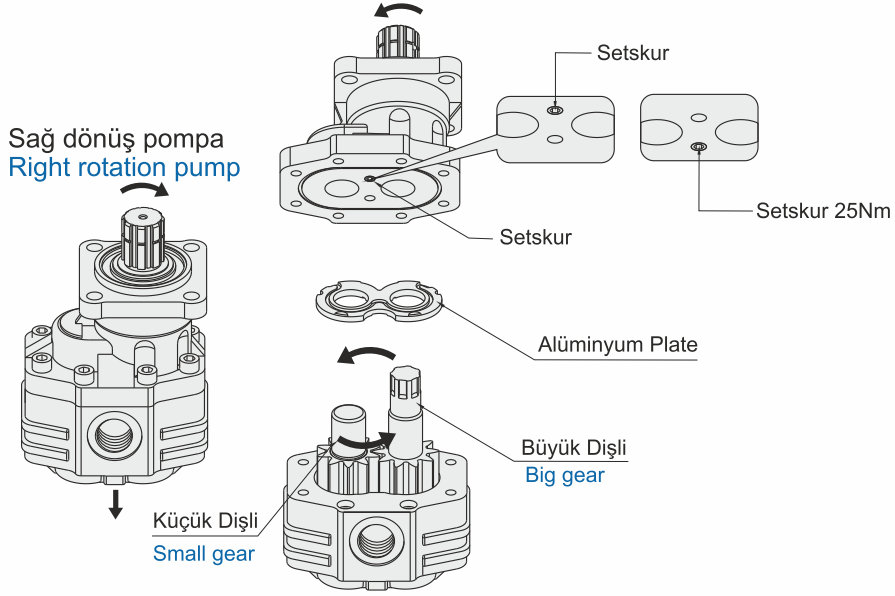
**27**

**82 LİTRE DİŞLİ POMPA HAVALI**  
82 LT GEAR PUMP PNEUMATIC

**28**



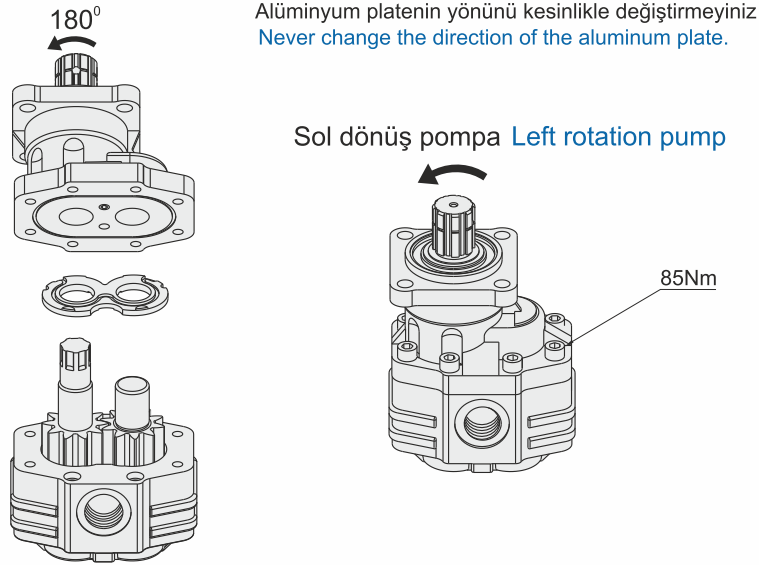
Pompanızın dönüş yönünü değiştirmek için önce kapağı gövdeden ayırınız. (Şekil 1)  
Separate first the cover from the body to reverse the pump (Diagram 1)



(Şekil1) (Diagram 1)

Kapakta gördüğünüz setskur vidayı yerinden çıkarıp karşısındaki boş deliğe takarız. Alüminyum platyi çıkarırız. Küçük dişli ve büyük dişliyi yer değiştiririz. Alüminyum playti söktüğümüz gibi tekrar takarız ve gövdedeki işlemi tamamlayıp kapağı 180° çevirerek pompanızı tekrar monte ederiz.

Remove the endless screw you see on the cover and put it on the opposite empty hole. Remove the aluminum plate. Change locations of the small and big gears. Set in place the aluminum plate you have already removed. The body operation is finished. Turn 180° the cover and re-assemble the pump.

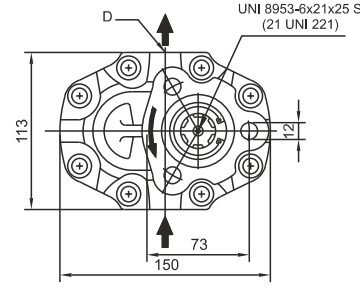
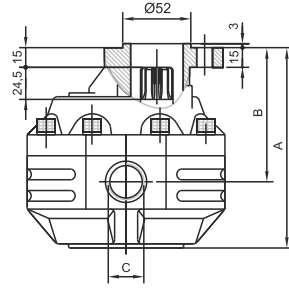


Not : Pompayı tekrar monte ederken kapak yüzeyindeki o-ringin montaj esnasında düşmemesi için yuvaya oturulup greslenmesi gerekir.

Note: O-ring on the cover surface has to be put againg on the greased in order to prevent it from falling down during the pump the pump re-assembly.

**30 GRUBU**  
30 GROUPS

**17 LT**

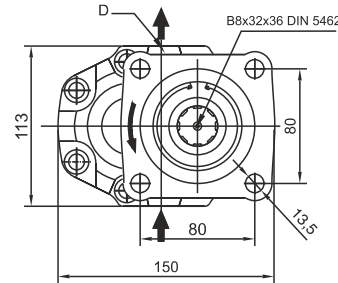
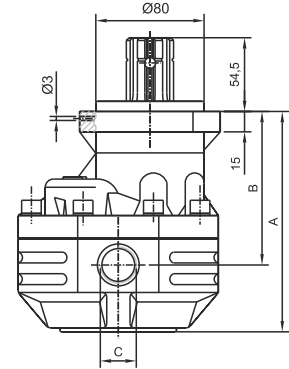


**UNI T1 KODU / CODE**

16300170166 CW Sağ

16300170199 CCW Sol

16300170169 CW - CCW Çift Yön



**ISO KODU / CODE**

16300170366 CW Sağ

16300170399 CCW Sol

16300170369 CW CCW Çift Yön

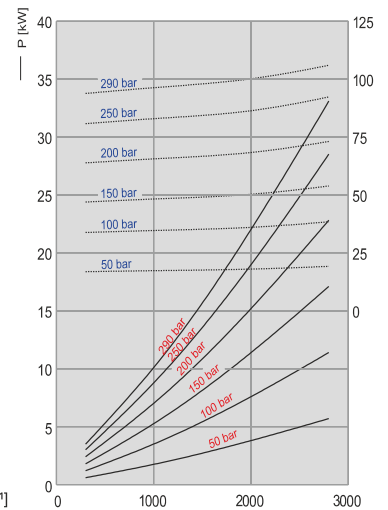
**GENEL BİLGİLER / GENERAL DATA**

30 - 17	UNI T-1	ISO
A (mm)	151,5	163,5
B (mm)	102	114
Ağırlık - Weight	8,5	10,5
C (Yağ Girişi-Oil Inlet)		G 1/2"
D (Yağ Çıkışı-Oil Outlet)		G 1/2"
Max. Sürekli Bas. (Max. Cont. Pres.)		230 Bar
Max. Ani Bas. (Max. Peak Pressure)		250 Bar
Akışkan / Fluit	Hidrolik mineral yağ ve yanmaya dayanıklı akışkanlar Mineral oil based hydraulic fluids to ISO/DIN and fire resistant fluids	



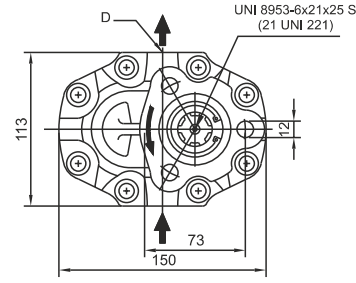
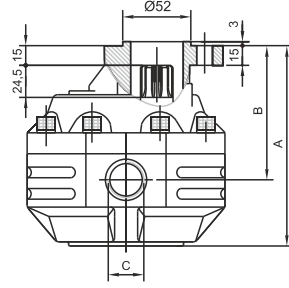
M [Nm]

Devir/Dakika n-[min<sup>-1</sup>]



**30 GRUBU**  
30 GROUPS

**27 LT**

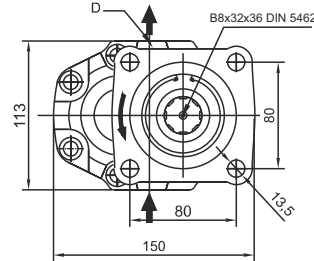
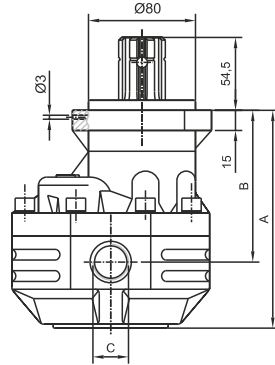


**UNI T1 KODU / CODE**

16300270166 CW Sağ

16300270166 CCW Sol

16300270169 CW - CCW Çift Yön



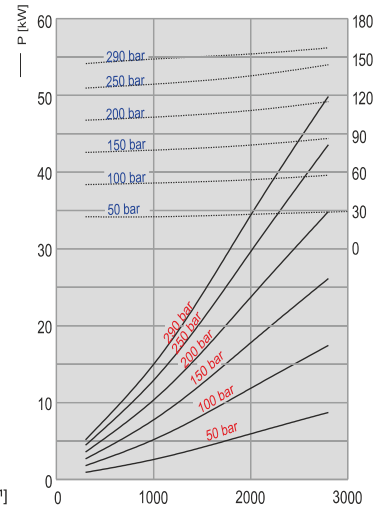
**ISO KODU / CODE**

**GENEL BİLGİLER / GENERAL DATA**

30 - 27	UNI T-1	ISO
A (mm)	151,5	163,5
B (mm)	102	114
Ağırlık - Weight	9	10,5
C (Yağ Girişi-Oil Inlet)		3/4"
D (Yağ Çıkışı-Oil Outlet)		3/4"
Max. Sürekli Bas. (Max. Cont. Pres.)		230 Bar
Max. Ani Bas. (Max. Peak Pressure)		250 Bar
Akışkan / Fluit	Hidrolik mineral yağ ve yanmaya dayanıklı akışkanlar Mineral oil based hydraulic fluids to ISO/DIN and fire resistant fluids	

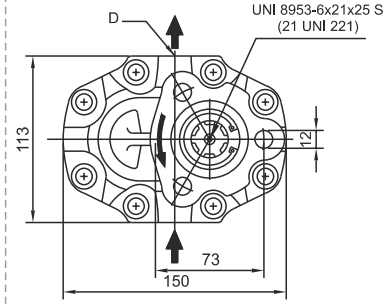
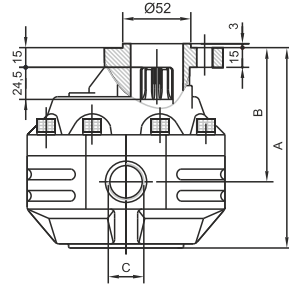


M [Nm]



**30 GRUBU**  
30 GROUPS

**34 LT**

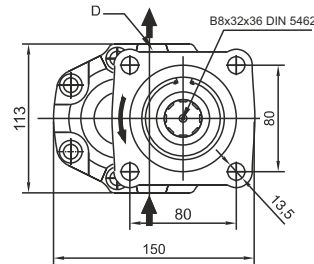
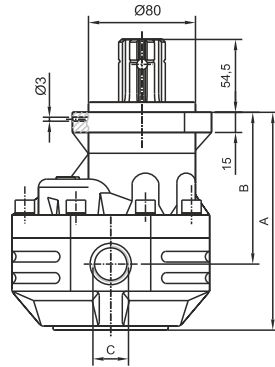


**UNI T1 KODU / CODE**

16300340166 CW Sağ

16300340199 CCW Sol

16300340169 CW - CCW Çift Yön



**ISO KODU / CODE**

16300340366 CW Sağ

16300340399 CCW Sol

16300340369 CW CCW Çift Yön

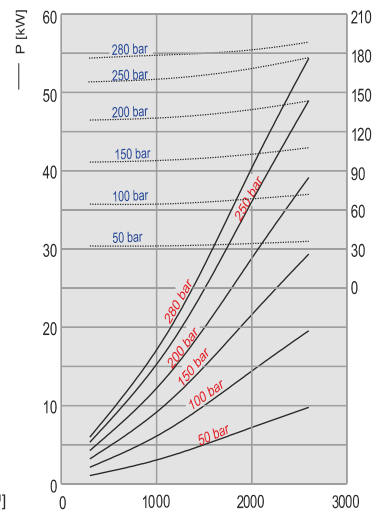
**GENEL BİLGİLER / GENERAL DATA**

30-34	UNI T-1	ISO
A (mm)	162,5	174,5
B (mm)	107,5	119,5
Ağırlık - Weight	9,5	11,5
C (Yağ Girişi-Oil Inlet)		3/4"
D (Yağ Çıkışı-Oil Outlet)		3/4"
Max. Sürekli Bas. (Max. Cont. Pres.)		230 Bar
Max. Ani Bas. (Max. Peak Pressure)		250 Bar
Akışkan / Fluit	Hidrolik mineral yağ ve yanmaya dayanıklı akışkanlar Mineral oil based hydraulic fluids to ISO/DIN and fire resistant fluids	



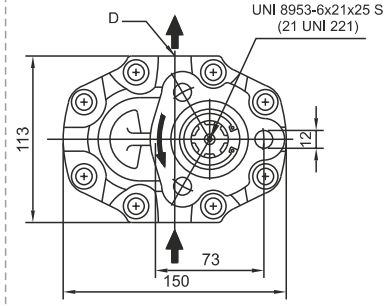
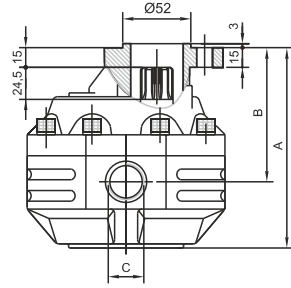
--- M [Nm]

Devir/Dakika n-[min<sup>-1</sup>]



**30 GRUBU**  
30 GROUPS

**43 LT**

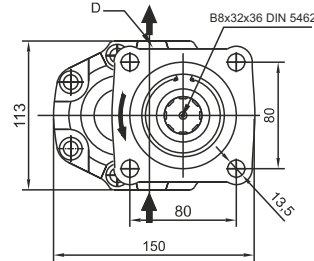
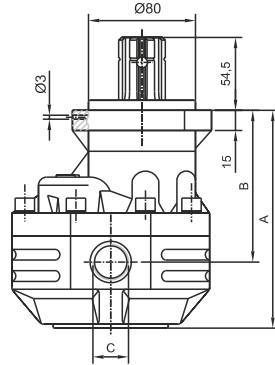


**UNI T1 KODU / CODE**

16300430166 CW Sağ

16300430199 CCW Sol

16300430169 CW - CCW Çift Yön



**ISO KODU / CODE**

16300430366 CW Sağ

16300430399 CCW Sol

16300430369 CW CCW Çift Yön

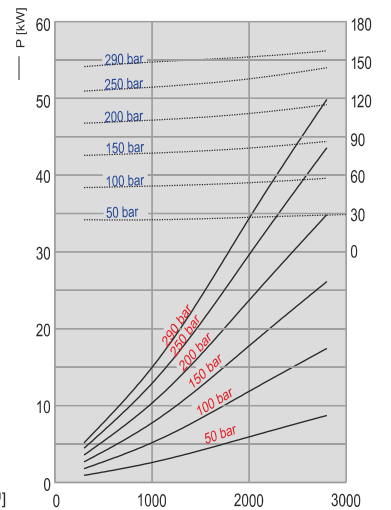
**GENEL BİLGİLER / GENERAL DATA**

30 - 43	UNI T-1	ISO
A (mm)	170,5	182,5
B (mm)	111	123
Ağırlık - Weight	10	12
C (Yağ Girişi-Oil Inlet)		R1"
D (Yağ Çıkışı-Oil Outlet)		R1"
Max. Sürekli Bas. (Max. Cont. Pres.)		220 Bar
Max. Ani Bas. (Max. Peak Pressure)		240 Bar
Akışkan / Fluit	Hidrolik mineral yağ ve yanmaya dayanıklı akışkanlar Mineral oil based hydraulic fluids to ISO/DIN and fire resistant fluids	



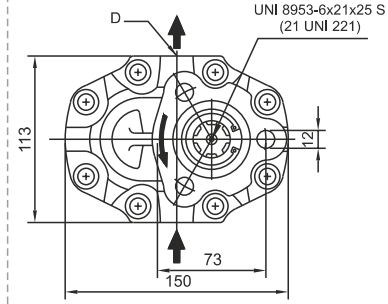
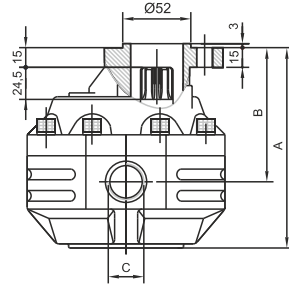
M [Nm]

Devir/Dakika n-[min<sup>-1</sup>]



**30 GRUBU**  
30 GROUPS

**51 LT**

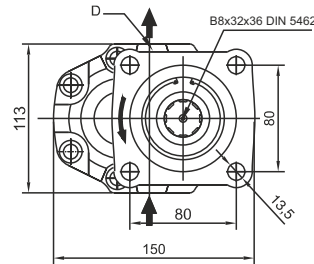
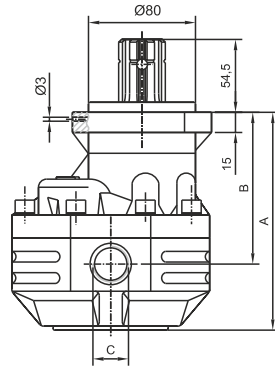


**UNI T1 KODU / CODE**

16300510166 CW Sağ

16300510199 CCW Sol

16300510169 CW - CCW Çift Yön



**ISO KODU / CODE**

16300510366 CW Sağ

16300510399 CCW Sol

16300510369 CW CCW Çift Yön

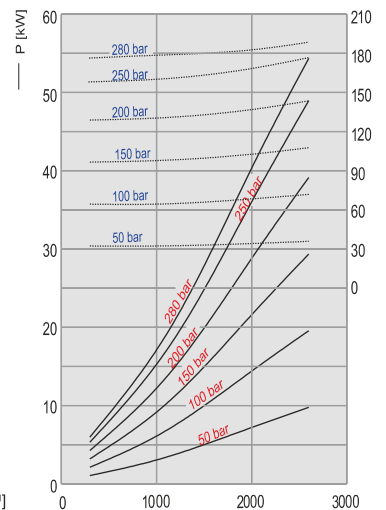
**GENEL BİLGİLER / GENERAL DATA**

30 - 51	UNI T-1	ISO
A (mm)	175,5	187,5
B (mm)	112,5	124,5
Ağırlık - Weight	10,5	12,5
C (Yağ Girişi-Oil Inlet)		R1"
D (Yağ Çıkışı-Oil Outlet)		R1"
Max. Sürekli Bas. (Max. Cont. Pres.)		220 Bar
Max. Ani Bas. (Max. Peak Pressure)		240 Bar
Akışkan / Fluit	Hidrolik mineral yağ ve yanmaya dayanıklı akışkanlar Mineral oil based hydraulic fluids to ISO/DIN and fire resistant fluids	



--- M [Nm]

Devir/Dakika n-[min<sup>-1</sup>]

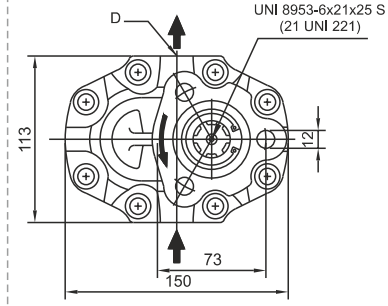
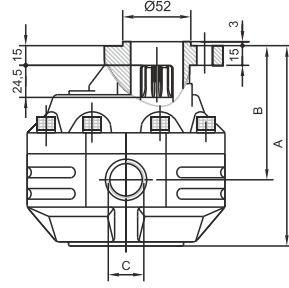




### 30 GRUBU

30 GROUPS

61LT

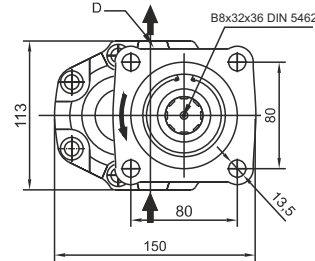
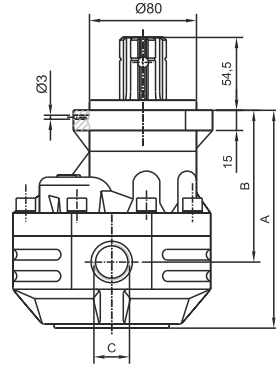


### UNI T1 KODU / CODE

16300610166 CW Sağ

16300610199 CCW Sol

16300610169 CW - CCW Çift Yön



### ISO KODU / CODE

16300610366 CW Sağ

16300610399 CCW Sol

16300610369 CW - CCW Çift Yön

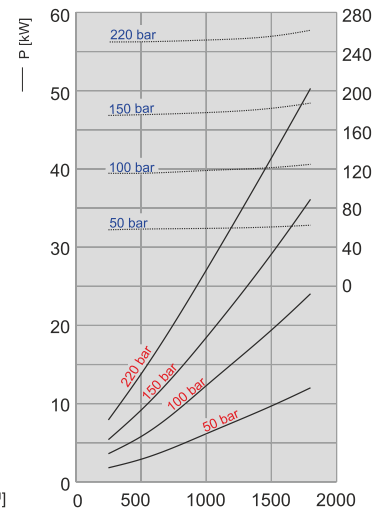
### GENEL BİLGİLER / GENERAL DATA

30-61	UNI T-1	ISO
A (mm)	176,5	188,5
B (mm)	115	127
Ağırlık - Weight	11	13
C (Yağ Girişi-Oil Inlet)		R1"
D (Yağ Çıkışı-Oil Outlet)		R1"
Max. Sürekli Bas. (Max. Cont. Pres.)		200 Bar
Max. Ani Bas. (Max. Peak Pressure)		220 Bar
Akışkan / Fluit	Hidrolik mineral yağ ve yanmaya dayanıklı akışkanlar Mineral oil based hydraulic fluids to ISO/DIN and fire resistant fluids	



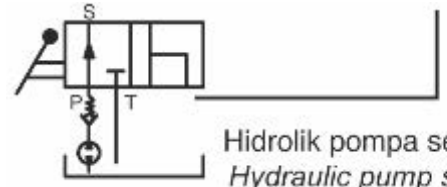
--- M [Nm]

Devir/Dakika n-[min<sup>-1</sup>]

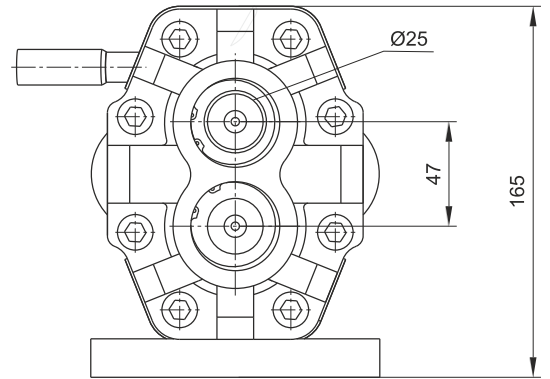
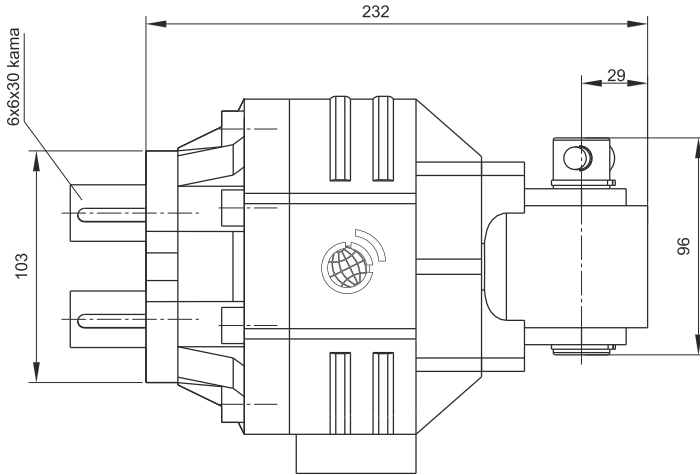


**30 GRUBU**  
30 GROUPS

**61 LT** KODU / CODE : 16370610469



Hidrolik pompa sembolü  
Hydraulic pump symbol



**POMPA KODU**  
PUMP CODE

16370610469

**İLETİM HACMİ**  
DISPLACEMENT CM/REV

61

**A**  
mm

185

**B**  
mm

156

**GİRİŞ**  
INLET

R1" 1/4

**ÇIKIŞ**  
OUTLET

R1"

**AĞIRLIK**  
WEIGHT KG

14

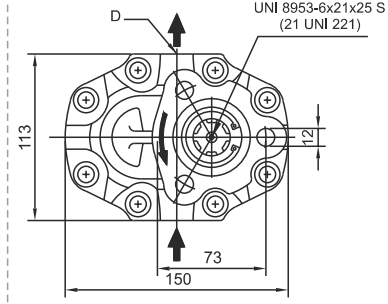
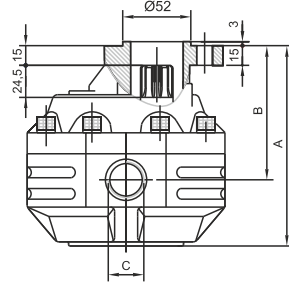
**ÇALIŞMA BASINCI**  
WORKING PRESSURE

200 Bar

### 30 GRUBU

30 GROUPS

82 LT

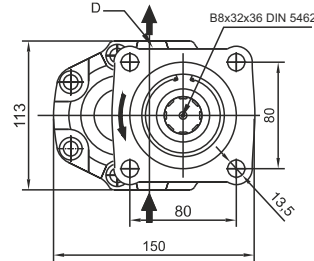
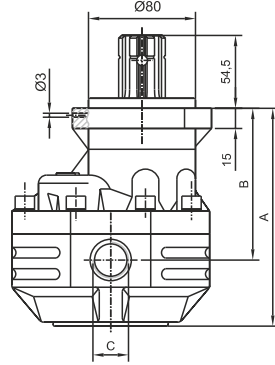


### UNI T1 KODU / CODE

16300820166 CW Sağ

16300820199 CCW Sol

16300820169 CW - CCW Çift Yön



### ISO KODU / CODE

16300820366 CW Sağ

16300820399 CCW Sol

16300820369 CW - CCW Çift Yön

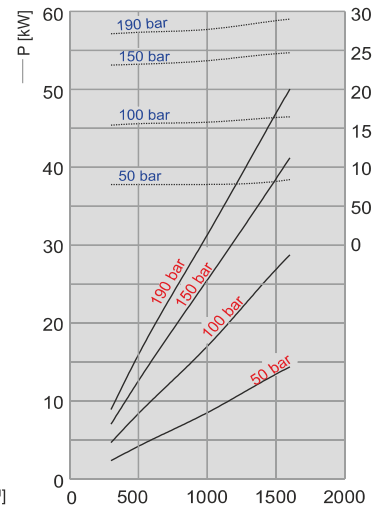
### GENEL BİLGİLER / GENERAL DATA

30 - 82	UNI T-1	ISO
A (mm)	191,5	203,5
B (mm)	121,5	133,5
Ağırlık - Weight	11,5	14
C (Yağ Girişi-Oil Inlet)		R1"
D (Yağ Çıkışı-Oil Outlet)		R1"
Max. Sürekli Bas. (Max. Cont. Pres.)		190 Bar
Max. Ani Bas. (Max. Peak Pressure)		210 Bar
Akışkan / Fluit	Hidrolik mineral yağ ve yanmaya dayanıklı akışkanlar Mineral oil based hydraulic fluids to ISO/DIN and fire resistant fluids	



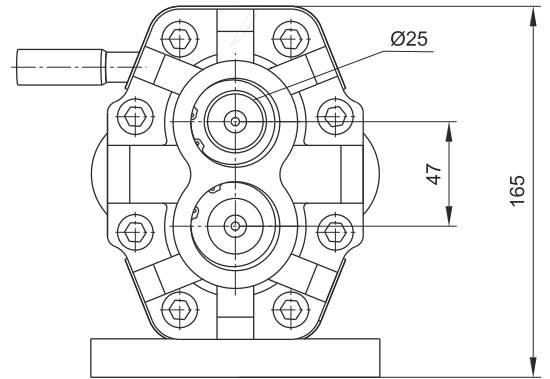
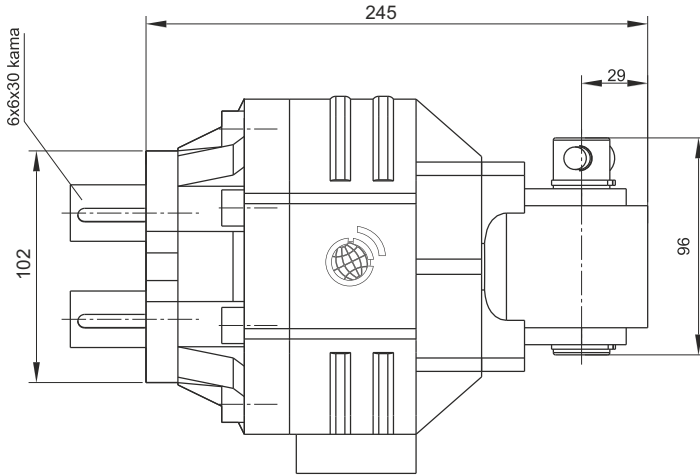
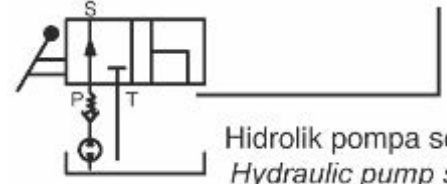
M [Nm]

Devir/Dakika n-[min<sup>-1</sup>]



**30 GRUBU ŞAFTLI - VANALI**  
30 GROUPS SHAFT - VALVE

**82 LT** KODU / CODE : 16370820469

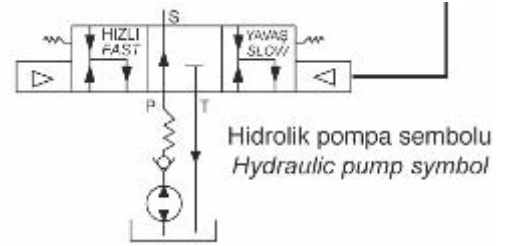


**GENEL BİLGİLER / GENERAL DATA**

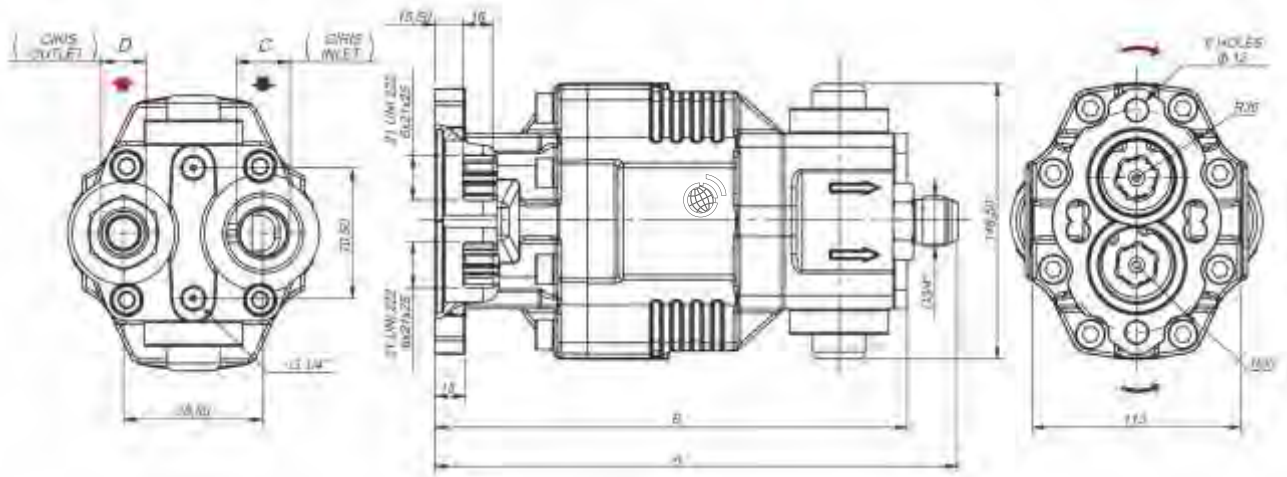
POMPA KODU PUMP CODE	İLETİM HACMİ DISPLACEMENT CM/REV	A mm	B mm	GİRİŞ INLET	ÇIKIŞ OUTLET	AĞIRLIK WEIGHT KG	ÇALIŞMA BASINCI WORKING PRESSURE
16370820469	82 LT	203	174	R1" 1/4	R1"	16,5	200 Bar

**30 GRUBU HAVALI**  
30 GROUPS PNEUMATIC

**82 LT** KODU / CODE : 16380820269



ÇİFT YÖNLÜ  
BI-DIRECTIONAL



**GENEL BİLGİLER / GENERAL DATA**

**POMPA KODU**  
PUMP CODE

16380820269

**İLETİM HACMİ**  
DISPLACEMENT CM/REV

82 LT

**A**  
mm

270

**B**  
mm

255

**C GİRİŞ**  
INLET

R1" 1/4

**D ÇIKIŞ**  
OUTLET

R1"

**AĞIRLIK**  
WEIGHT KG

17

**ÇALIŞMA BASINCI**  
WORKING PRESSURE

200 Bar

## 35 SERİSİ DİŞLİ POMPALAR / 30 SERIES GEAR PUMPS

90 LİTRE DİŞLİ POMPA  
90 LT GEAR PUMP

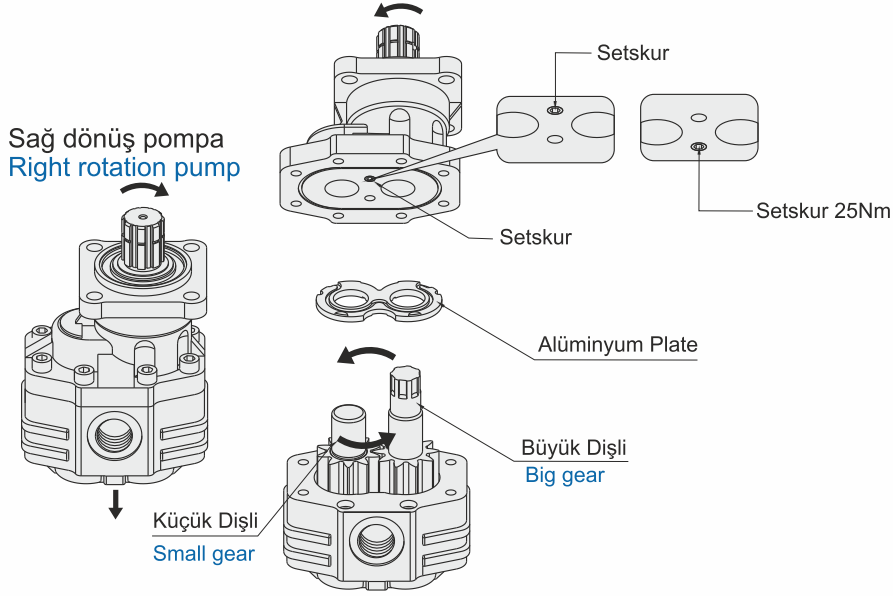
31

110 LİTRE DİŞLİ POMPA  
110 LT GEAR PUMP

32



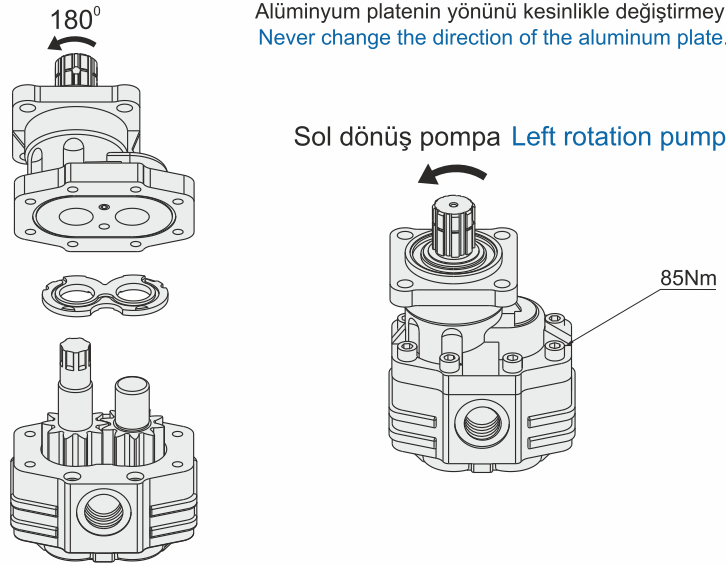
Pompanızın dönüş yönünü değiştirmek için önce kapağı gövdeden ayırınız. (Şekil 1)  
Separate first the cover from the body to reverse the pump (Diagram 1)



(Şekil1) (Diagram 1)

Kapakta gördüğünüz setskur vidayı yerinden çıkarıp karşısındaki boş deliğe takarız. Alüminyum platyi çıkarırız. Küçük dişli ve büyük dişliyi yer değiştiririz. Alüminyum platyi söktüğümüz gibi tekrar takarız ve gövdedeki işlemi tamamlayıp kapağı 180° çevirerek pompanızı tekrar monte ederiz.

Remove the endless screw you see on the cover and put it on the opposite empty hole. Remove the aluminum plate. Change locations of the small and big gears. Set in place the aluminum plate you have already removed. The body operation is finished. Turn 180° the cover and re-assemble the pump.



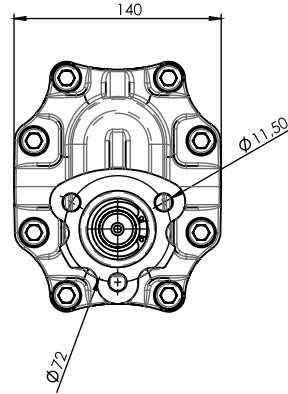
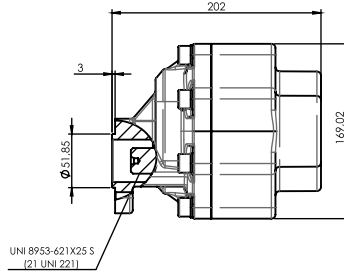
Not : Pompayı tekrar monte ederken kapak yüzeyindeki o-ringin montaj esnasında düşmemesi için yuvaya oturulup greslenmesi gerekir.

Note: O-ring on the cover surface has to be put againg on the greased in order to prevent it from falling down during the pump the pump re-assembly.

**35 GRUBU**

35 GROUPS

90 LT

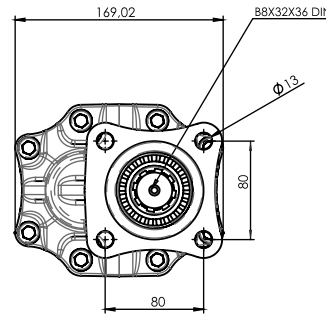
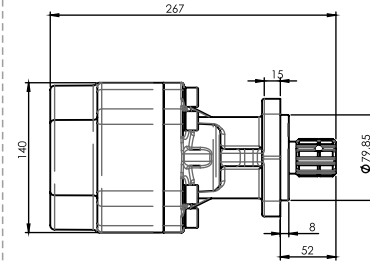


**UNI T1 KODU / CODE**

16350900166 CW Sağ

16350900199 CCW Sol

16350900169 CW-CCW Çift Yön



**ISO KODU / CODE**

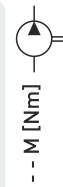
16350900366 CW Sağ

16350900399 CCW Sol

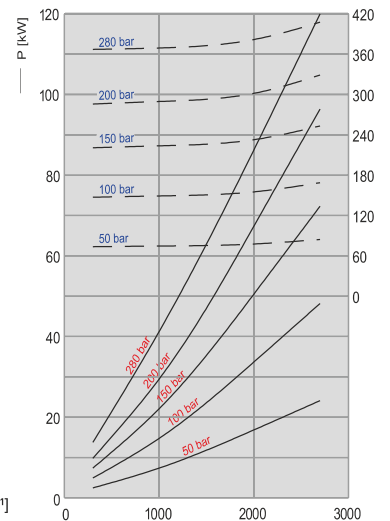
16350900369 CW-CCW Çift Yön

**GENEL BİLGİLER / GENERAL DATA**

35-90	UNI T-1	ISO
A (mm)	202	215
Ağırlık - Weight	16 kg	18 kg
C (Yağ Girişi-Oil Inlet)		R1" 1/4
D (Yağ Çıkışı-Oil Outlet)		R1" 1/4
Max. Sürekli Bas. (Max. Cont. Pres.)		220 Bar
Max. Ani Bas. (Max. Peak Pressure)		240 Bar
Akışkan / Fluit	Hidrolik mineral yağ ve yanmaya dayanıklı akışkanlar Mineral oil based hydraulic fluids to ISO/DIN and fire resistant fluids	



Devir/Dakika n-[min<sup>-1</sup>]

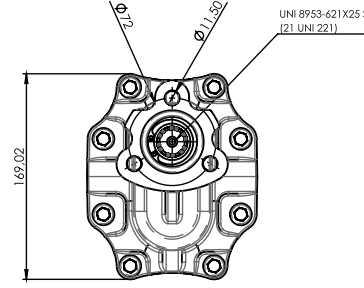
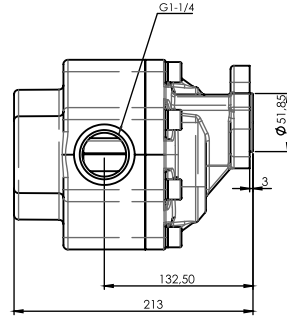




### 35 GRUBU

35 GROUPS

110 LT

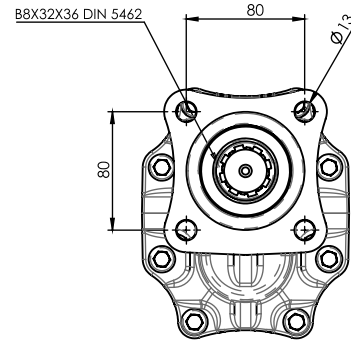
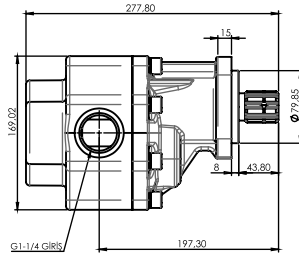


### UNI T1 KODU / CODE

16351100166 CW Sağ

16351100199 CCW Sol

16351100169 CW-CCW Çift Yön



### ISO KODU / CODE

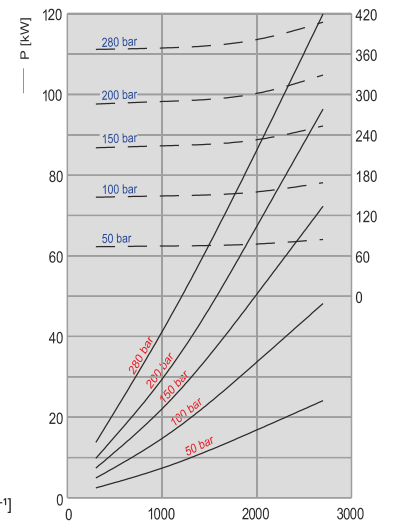
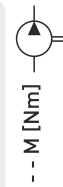
16351100366 CW Sağ

16351100399 CCW Sol

16351100369 CW-CCW Çift Yön

### GENEL BİLGİLER / GENERAL DATA

35-110	UNI T-1	ISO
A (mm)	213	234
B (mm)	132,50	153,5
Ağırlık - Weight	17 kg	19 kg
C (Yağ Girişi-Oil Inlet)	R1" 1/4	
D (Yağ Çıkışı-Oil Outlet)	R1" 1/4	
Max. Sürekli Bas. (Max. Cont. Pres.)	220 Bar	
Max. Ani Bas. (Max. Peak Pressure)	240 Bar	
Akışkan / Fluit	Hidrolik mineral yağ ve yanmaya dayanıklı akışkanlar Mineral oil based hydraulic fluids to ISO/DIN and fire resistant fluids	



## 40 SERİSİ DİŞLİ POMPALAR / 30 SERIES GEAR PUMPS

**63 LİTRE DİŞLİ POMPA**  
63 LT GEAR PUMP

35

**73 LİTRE DİŞLİ POMPA**  
73 LT GEAR PUMP

36

**87 LİTRE DİŞLİ POMPA**  
87 LT GEAR PUMP

37

**109 LİTRE DİŞLİ POMPA**  
109 LT GEAR PUMP

38

**109 LİTRE DİŞLİ POMPA ŞAFTLI VANALI**  
109 LT GEAR PUMP DPSV)

39

**133 LİTRE DİŞLİ POMPA**  
133 LT GEAR PUMP

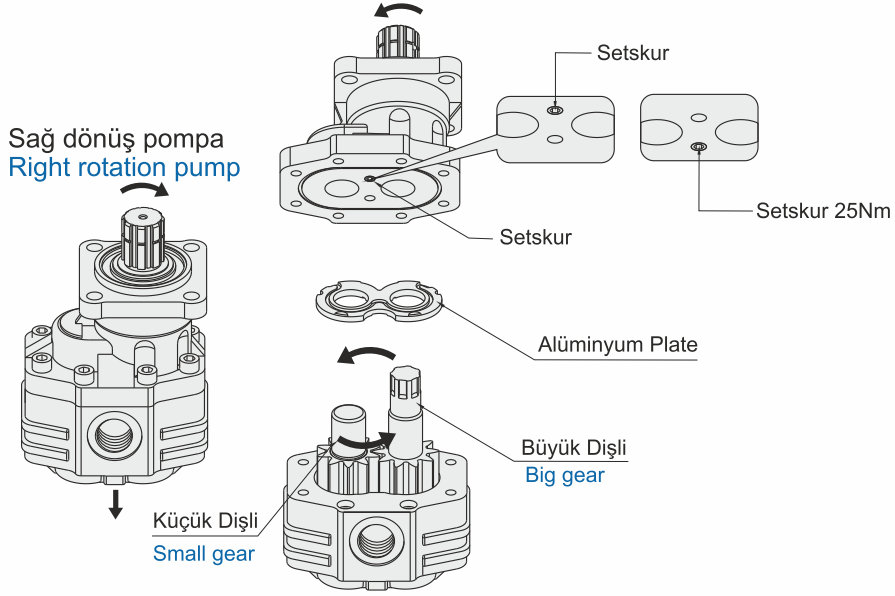
40

**151 LİTRE DİŞLİ POMPA**  
151 LT GEAR PUMP

41



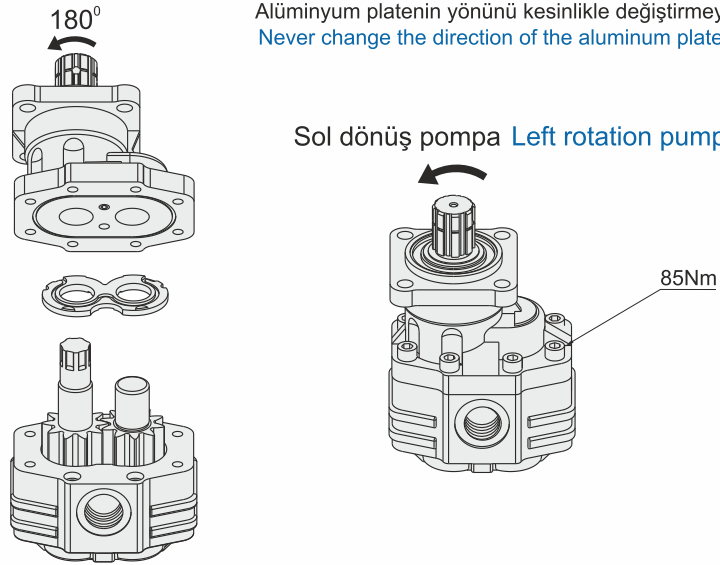
Pompanızın dönüş yönünü değiştirmek için önce kapağı gövdeden ayırınız. (Şekil 1)  
Separate first the cover from the body to reverse the pump (Diagram 1)



(Şekil1) (Diagram 1)

Kapakta gördüğünüz setskur vidayı yerinden çıkarıp karşısındaki boş deliğe takarız. Alüminyum platyi çıkarırız. Küçük dişli ve büyük dişliyi yer değiştiririz. Alüminyum platyi söktüğümüz gibi tekrar takarız ve gövdedeki işlemi tamamlayıp kapağı 180° çevirerek pompanızı tekrar monte ederiz.

Remove the endless screw you see on the cover and put it on the opposite empty hole. Remove the aluminum plate. Change locations of the small and big gears. Set in place the aluminum plate you have already removed. The body operation is finished. Turn 180° the cover and re-assemble the pump.



Alüminyum platenin yönünü kesinlikle değiştirmeyiniz  
Never change the direction of the aluminum plate.

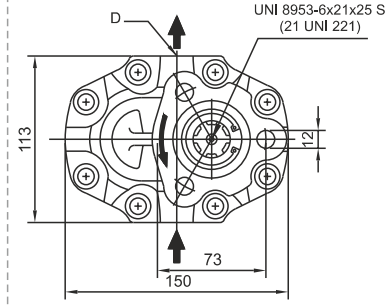
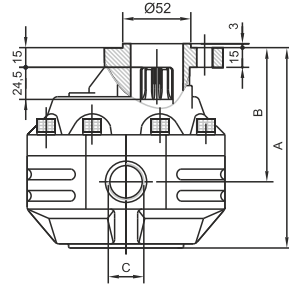
Not : Pompayı tekrar monte ederken kapak yüzeyindeki o-ringin montaj esnasında düşmemesi için yuvaya oturulup greslenmesi gerekir.

Note: O-ring on the cover surface has to be put againg on the greased in order to prevent it from falling down during the pump the pump re-assembly.

**40 GRUBU**

40 GROUPS

**63 LT**

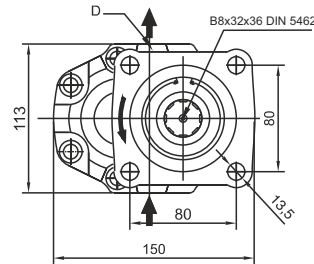
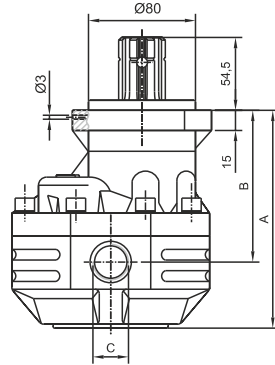


**UNI T1 KODU / CODE**

16400630166 CW Sağ

16400630199 CCW Sol

16400630169 CW - CCW Çift Yön



**ISO KODU / CODE**

16400630366 CW Sağ

16400630399 CCW Sol

16400630369 CW - CCW Çift Yön

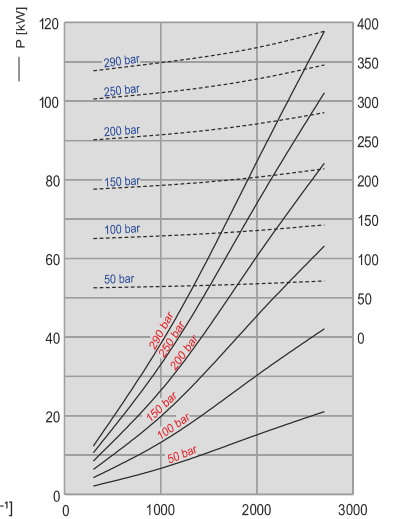
**GENEL BİLGİLER / GENERAL DATA**

40 - 63	UNI T-1	ISO
A (mm)	190,5	201
B (mm)	124,5	135
Ağırlık - Weight	16	18
C (Yağ Girişi-Oil Inlet)		R1"
D (Yağ Çıkışı-Oil Outlet)		R1"
Max. Sürekli Bas. (Max. Cont. Pres.)		220 Bar
Max. Ani Bas. (Max. Peak Pressure)		250 Bar
Akışkan / Fluit	Hidrolik mineral yağ ve yanmaya dayanıklı akışkanlar Mineral oil based hydraulic fluids to ISO/DIN and fire resistant fluids	



M [Nm]

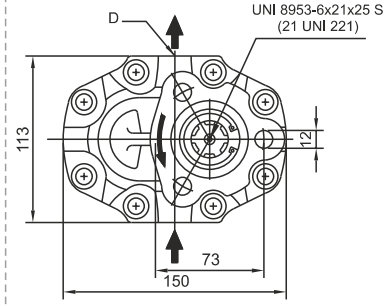
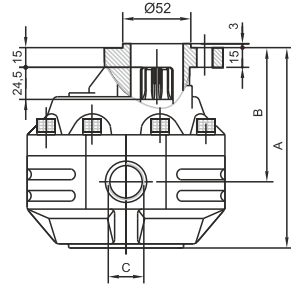
Devir/Dakika n-[min<sup>-1</sup>]



**40 GRUBU**

40 GROUPS

**73 LT**

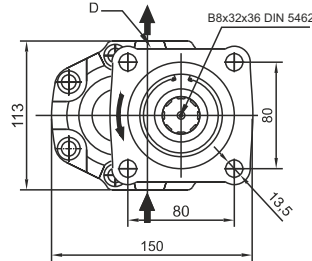
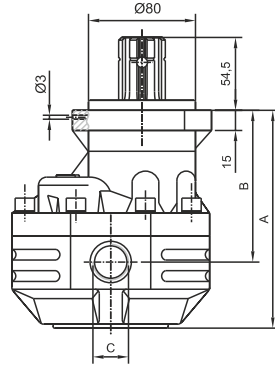


**UNI T1 KODU / CODE**

16400730166 CW Sağ

16400730199 CCW Sol

16400730169 CW - CCW Çift Yön



**ISO KODU / CODE**

16400730366 CW Sağ

16400730399 CCW Sol

16400730369 CW - CCW Çift Yön

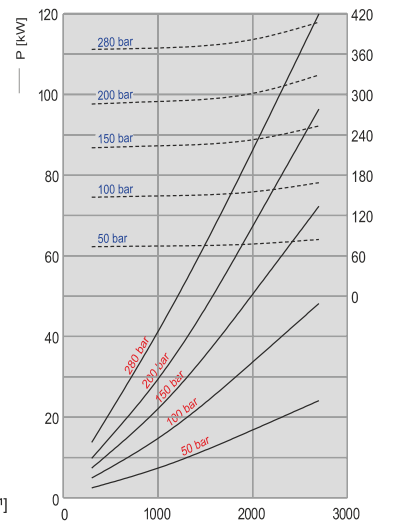
**GENEL BİLGİLER / GENERAL DATA**

40 - 73	UNI T-1	ISO
A (mm)	193,5	204
B (mm)	126,5	137
Ağırlık - Weight	16,5	19
C (Yağ Girişi-Oil Inlet)		R1"
D (Yağ Çıkışı-Oil Outlet)		R1"
Max. Sürekli Bas. (Max. Cont. Pres.)		210 Bar
Max. Ani Bas. (Max. Peak Pressure)		240 Bar
Akışkan / Fluit	Hidrolik mineral yağ ve yanmaya dayanıklı akışkanlar Mineral oil based hydraulic fluids to ISO/DIN and fire resistant fluids	



M [Nm]

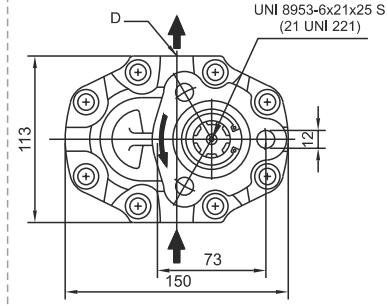
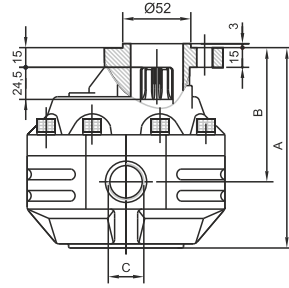
Devir/Dakika n-[min<sup>-1</sup>]



**40 GRUBU**

40 GROUPS

**87 LT**

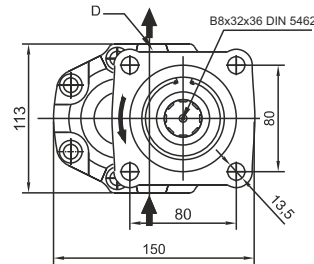
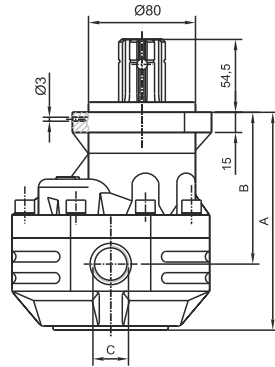


**UNI T1 KODU / CODE**

16400870166 CW Sağ

16400870199 CCW Sol

16400870169 CW - CCW Çift Yön



**ISO KODU / CODE**

16400870366 CW Sağ

16400870399 CCW Sol

16400870369 CW - CCW Çift Yön

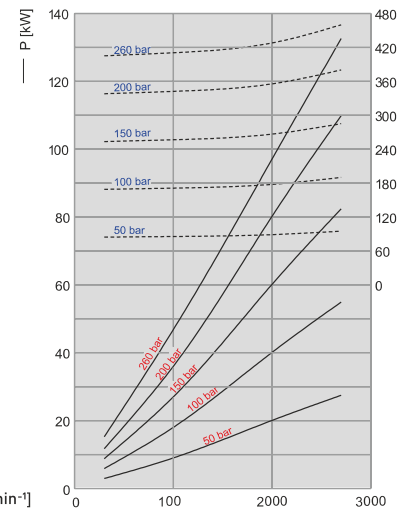
**GENEL BİLGİLER / GENERAL DATA**

40 - 87	UNI T-1	ISO
A (mm)	199,5	210
B (mm)	130,5	141
Ağırlık - Weight	17	19
C (Yağ Girişi-Oil Inlet)		R1" 1/4
D (Yağ Çıkışı-Oil Outlet)		R1" 1/4
Max. Sürekli Bas. (Max. Cont. Pres.)		220 Bar
Max. Ani Bas. (Max. Peak Pressure)		240 Bar
Akışkan / Fluit	Hidrolik mineral yağ ve yanmaya dayanıklı akışkanlar Mineral oil based hydraulic fluids to ISO/DIN and fire resistant fluids	



--- M [Nm]

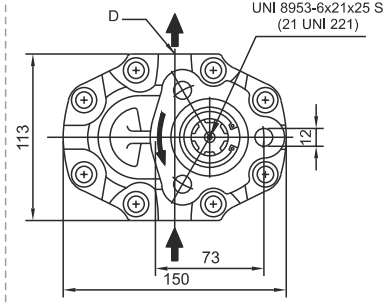
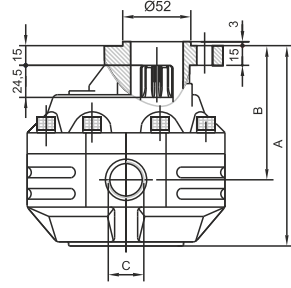
Devir/Dakika n-[min<sup>-1</sup>]



### 40 GRUBU

40 GROUPS

109LT

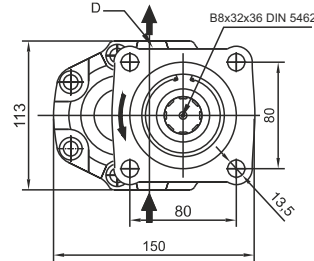
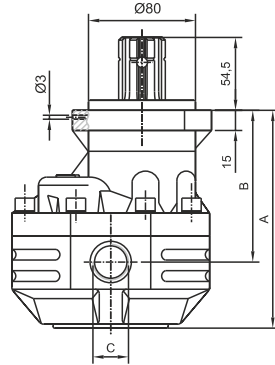


### UNI T1 KODU / CODE

16401090166 CW Sağ

16401090199 CCW Sol

16401090169 CW - CCW Çift Yön



### ISO KODU / CODE

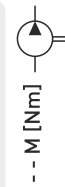
16401090366 CW Sağ

16401090399 CCW Sol

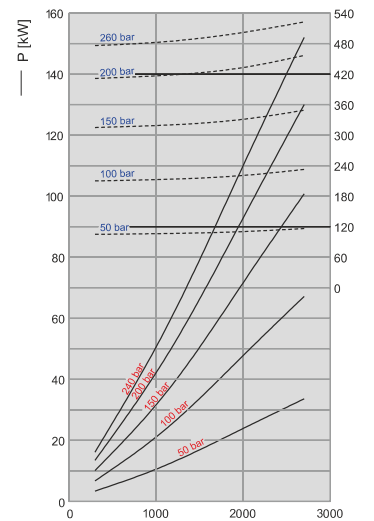
16401090369 CW - CCW Çift Yön

### GENEL BİLGİLER / GENERAL DATA

40 - 109	UNI T-1	ISO
A (mm)	206,5	217
B (mm)	134,5	145
Ağırlık - Weight	18	20,5
C (Yağ Girişi-Oil Inlet)		R1" 1/4
D (Yağ Çıkışı-Oil Outlet)		R1" 1/4
Max. Sürekli Bas. (Max. Cont. Pres.)		190 Bar
Max. Ani Bas. (Max. Peak Pressure)		220 Bar
Akışkan / Fluit	Hidrolik mineral yağ ve yanmaya dayanıklı akışkanlar Mineral oil based hydraulic fluids to ISO/DIN and fire resistant fluids	



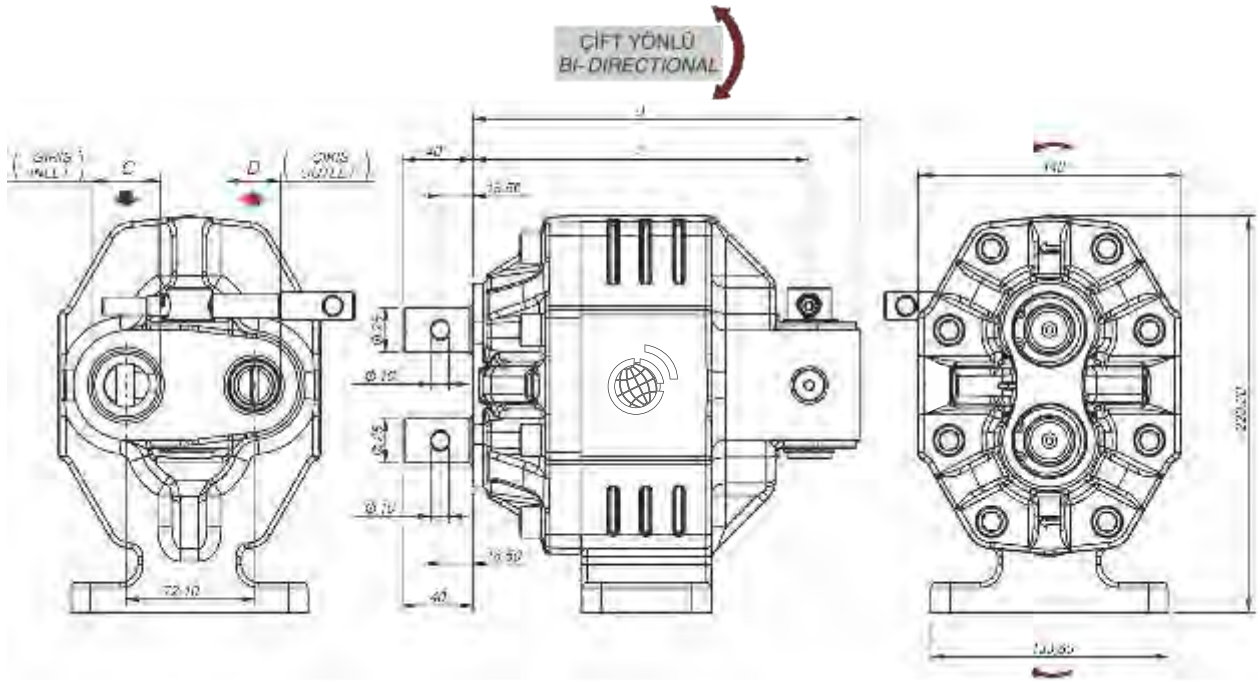
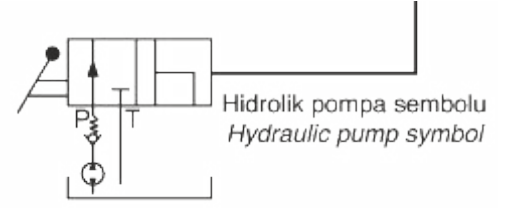
Devir/Dakika n-[min<sup>-1</sup>]



**40 GRUBU ŞAFLI - VANALI**

40 GROUPS SHAFT - VALVE

**109 LT** KODU / CODE : 16471090469



**GENEL BİLGİLER / GENERAL DATA**

**POMPA KODU**  
PUMP CODE

**16471090469**

**İLETİM HACMİ**  
DISPLACEMENT CM/REV

109 LT

**A**  
mm

189,5

**B**  
mm

218

**C GİRİŞ**  
INLET

R1" 1/4

**D ÇIKIŞ**  
OUTLET

R1"

**AĞIRLIK**  
WEIGHT KG

21

**ÇALIŞMA BASINCI**  
WORKING PRESSURE

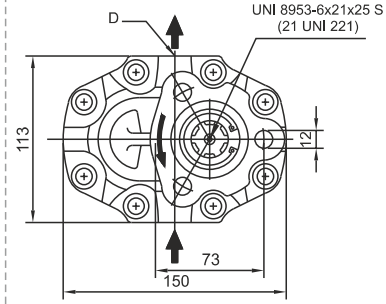
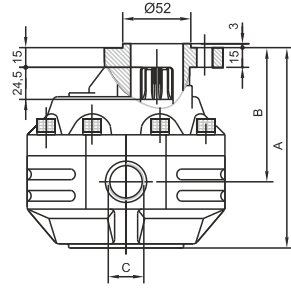
190 Bar



### 40 GRUBU

40 GROUPS

133 LT

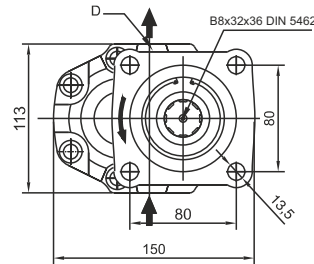
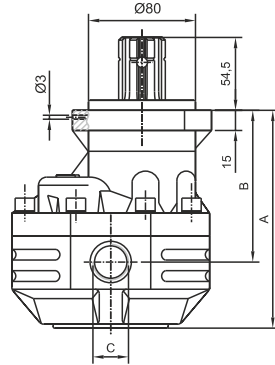


### UNI T1 KODU / CODE

16401330166 CW Sağ

16401330199 CCW Sol

16401330169 CW - CCW Çift Yön



### ISO KODU / CODE

16400730366 CW Sağ

16400730399 CCW Sol

16400730369 CW - CCW Çift Yön

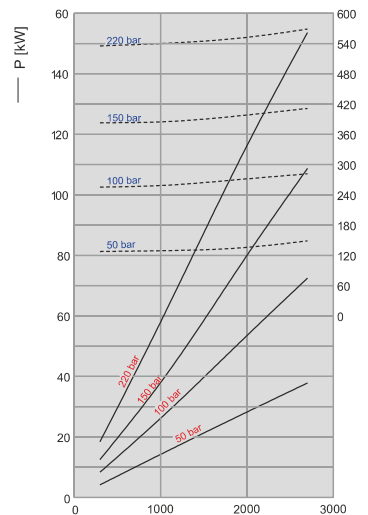
### GENEL BİLGİLER / GENERAL DATA

40 - 133	UNI T-1	ISO
A (mm)	216,5	227
B (mm)	138,5	149
Ağırlık - Weight	19,5	22
C (Yağ Girişi-Oil Inlet)		R1" 1/4
D (Yağ Çıkışı-Oil Outlet)		R1" 1/4
Max. Sürekli Bas. (Max. Cont. Pres.)		190 Bar
Max. Ani Bas. (Max. Peak Pressure)		220 Bar
Akışkan / Fluit	Hidrolik mineral yağ ve yanmaya dayanıklı akışkanlar Mineral oil based hydraulic fluids to ISO/DIN and fire resistant fluids	



— M [Nm]

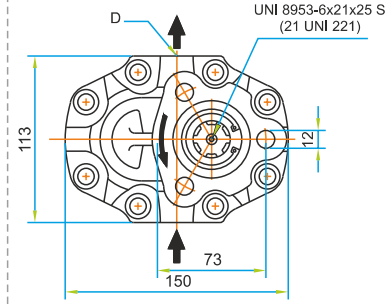
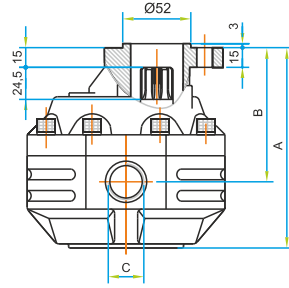
Devir/Dakika n-[min<sup>-1</sup>]



**40 GRUBU**

40 GROUPS

**151 LT**

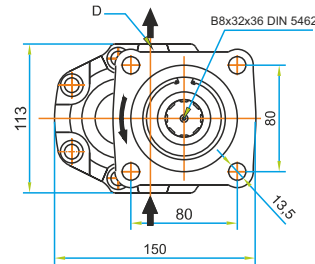
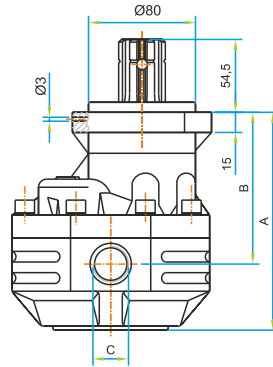


**UNI T1 KODU / CODE**

16401330166 CW Sağ

16401330199 CCW Sol

16401330169 CW - CCW Çift Yön



**ISO KODU / CODE**

16401510366 CW Sağ

16401510399 CCW Sol

16401510369 CW - CCW Çift Yön

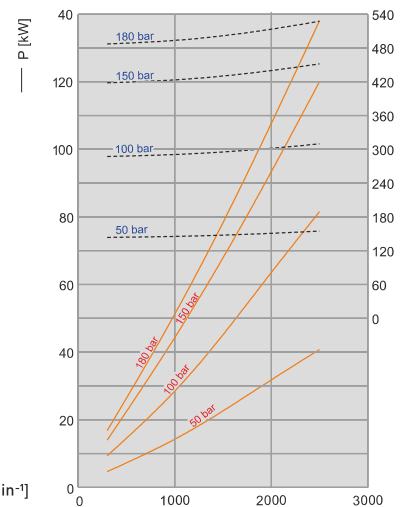
**GENEL BİLGİLER / GENERAL DATA**

40 - 151	UNI T-1	ISO
A (mm)	223,5	234
B (mm)	141	151,5
Ağırlık - Weight	20	22,5
C (Yağ Girişi-Oil Inlet)		R1" 1/4
D (Yağ Çıkışı-Oil Outlet)		R1" 1/4
Max. Sürekli Bas. (Max. Cont. Pres.)		190 Bar
Max. Ani Bas. (Max. Peak Pressure)		210 Bar
Akışkan / Fluit	Hidrolik mineral yağ ve yanmaya dayanıklı akışkanlar Mineral oil based hydraulic fluids to ISO/DIN and fire resistant fluids	



M [Nm]

Devir/Dakika n-[min<sup>-1</sup>]

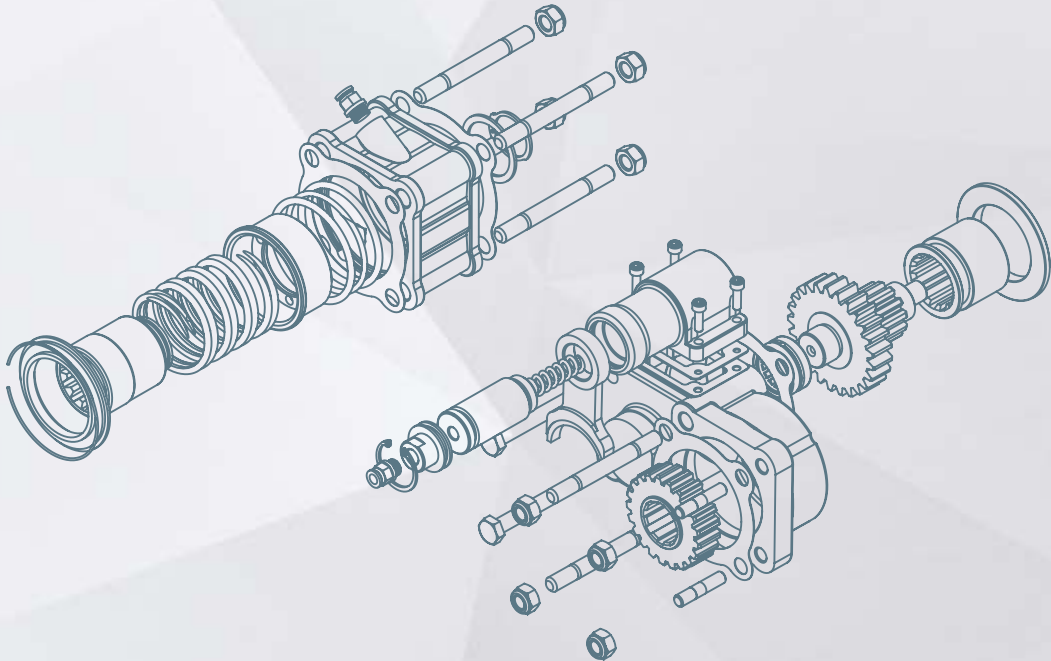


**NEOMPART**  
HYDRAULIC

---

# GÜÇ AKTARMA KUTUSU

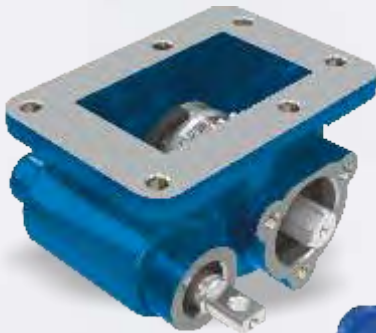
## POWER TAKE OFF



# NEOMPART

## HYDRAULIC

### GÜÇ AKTARMA KUTUSU / POWER TAKE OFF



**MERCEDES / MERCEDES**

**45**

**SCANIA / SCANIA**

**53**

**65**

**EATON HEMA / EATON HEMA**

**69**

**FULLER / FULLER**

**77**

**ISUZU / ISUZU**

**82**

**MITSUBISHI / MITSUBISHI**

**90**

**IVECO / IVECO**

**94**

**VOLVO / VOLVO**

**102**

**TURNER / TURNER**

**109**

**MACK / MACK**

**112**

**LIAZ / LIAZ**

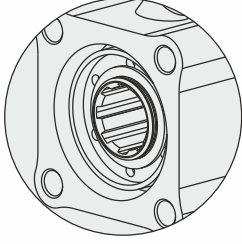
**114**

**MAN / MAN**

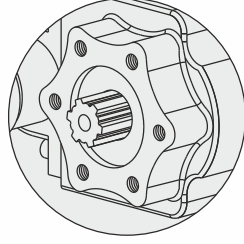
**116**

### PTO'LARIN SINIFLANDIRILMASI

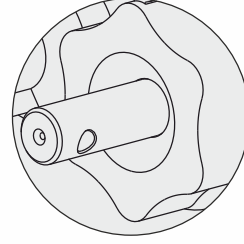
- 1) PTO'lar ana şanzımana sağ yandan, sol yandan veya yukarıdan bağlanabilirler.
- 2) Kuyruktan bağlanan PTO'lar düz tip (tek dişli) ve aktarmalı tip (çift dişli) olarak ikiye ayrılır.
- 3) PTO'lar çalışma sistemine göre havali, mekanik veya vakumlu olarak üç gruba ayrılır.
- 4) PTO çıkışları Iso, Uni, pim delikli ve flanşlı olmak üzere dört farklı çıkışa sahiptir.



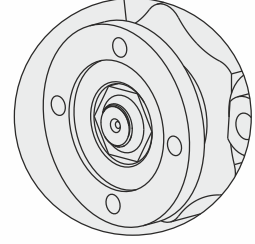
Iso



Uni



Pim Delikli  
Pin Hole



Flanşlı  
With Flange

### PTO SEÇİMİNDE DİKKAT EDİLECEK HUSUSLAR

- 1-) Araç modelini ve ana şanzıman model nosunu ana şanzıman üzerindeki etiketten tam olarak belirleyin. Kataloğdan ilgili PTO grubunu ve çeşitlerini inceleyin.
- 2-) Şanzıman bağlantı yerini belirleyin (kuyruk, sağ, sol)
- 3-) Ana şanzımana uygun PTO'yu seçin
- 4-) PTO'nun ürettiği gücün ve devrin sizin gereksiniminizi karşılayıp karşılamadığını belirleyin.
- 5-) PTO ile birlikte ihtiyacınız olabilecek ek ürünleri (kardan mili, flanş, kaplin vb.) belirleyin
- 6-) PTO'nun kumanda tipini belirleyiniz (havali, mekanik, vakumlu)

### MONTAJ YAPILIRKEN DİKKAT EDİLMESİ GEREKEN HUSUSLAR

- 1-) Montaj sırasında aracın motorunu kapatın.
- 2-) Ana şanzıman yağını kapalı bir kutuya boşaltın.
- 3-) Ana şanzıman dişlisini koruyan kapağı açın. Bağlantı yüzeyini ve civata deliklerini temizleyin.
- 4-) PTO bağlantı saplamalarını ana şanzımana gevşemeyecek şekilde sıkın.
- 5-) PTO contasını montaj esnasında sabit durması için gres ile yağlayın. Kullanılan yağ kalıcı olmalıdır.
- 6-) 6 delikli PTO'larda civatalar 60Nm, 8 delikli PTO'larda 70Nm, kuyruktan 4 delikli PTO'larda 70Nm olmalıdır.
- 7-) PTO'yu ana şanzımana monte ettikten sonra motoru 5-10 sn kadar çalıştırın ve PTO'dan gelen sesi dinleyin. Ses iniltili ise dişler birbirinin üzerine fazla basmış olabilir. PTO'yu alıp bir conta daha veya biraz daha kalın bir conta takın. Eğer PTO'dan gelen ses takırlı ise daha ince bir conta takın. Hiçbir zaman PTO ile şanzıman yüzeyini birbirine temas ettirmeyelim.
- 8-) Boşaltılan ana şanzıman yağını doldurun, eksik ise tamamlayın. Kontrol etmeden kesinlikle aracı hareket ettirmeyin.
- 9-) Motoru 5-10 dakika kadar çalıştırın. Bu süre zarfında herhangi bir problemle karşılaşmadığınız takdirde montaj başarılı olmuştur.
- 10-) Civataların sıkılığını tekrar kontrol edin, gözle sıkı kontrolü yapın.
- 11-) Kompresörden gelen hortumu PTO'ya takın. Minimum 6 bar.
- 12-) PTO'nun devreye geçip geçmediğini kontrol edin

### PTO PROBLEMLERİ

#### a-) PTO Devreye Geçmemesi

- 1-) Bu sorunun en önemli nedeni hava basıncının yeterince yüksek olmayışı yada hava basınç hortumunda bir kaçak olmasıdır. PTO'lar 6 bar basınç ve üzerinde çalışır.
- 2-) PTO'ya tozlu veya sulu hava gelmektedir. Hava akışlarını temizlemeli, gerekirse yenilenmelidir.
- 3-) Pnömatik piston belli süre çalışmadığı zaman sıkışma yapabilir ve hava basıncı yüksek olsa bile PTO çalışmaz.
- 4-) Dumper düğmesi bozulmuş olabilir.

#### b-) PTO'nun Devreden Çıkması

- 1-) Pnömatik piston bozulmuştur. Genelde pistonun içine tozlu ve sulu hava gelmesinden kaynaklanır.
- 2-) Dumper düğmesi bozulmuştur. Tahliye yapmaz, pistonu bırakmaz.
- 3-) Debriyajsız kullanımlarda dişli uçları şişme yapıp kavrama dişlisini bırakmayabilir.

#### c-) Diğer Problemler

- 1-) PTO üzerindeki sızdırmazlık ve contaların doğru monte edilmemesi durumunda PTO'nun ürettiği tork düşer.
- 2-) Kavrama dişlisi ile ana şanzıman dişlisinin birbirine sıkı monte edilmesi sonucu PTO'dan yüksek ses çıkar. Sorun giderilmediği takdirde zamanla rulmanlar ve dişliler zarar görebilir.
- 3-) Araç PTO devreden çıkarılmadan hareket ettirilirse PTO'ya ve ana şanzımana ciddi zararlar verebilir.

### CLASSIFICATION OF PTO

- 1) PTOs can be mounted to the gear box from the right or left side or from the rear.
- 2) PTOs mounted from the rear are divided into two, namely flat type (single gear) and mounting type (double gear)
- 3) PTOs are divided into three groups according to operation system, namely pneumatic, mechanic or vacuum.
- 4) PTOs have four different types of outlets such as Iso, Uni, pin holed and flanged.

### POINTS TO TAKE INTO CONSIDERATION ON PTO SELECTION

- 1) Define exactly the vehicle and the gear box models numbers from the label the gear box. Examine relevant PTO group and types from the catalogue
- 2) Determine the gear box mounting location (rear, right, left).
- 3) Select the PTO compatible with the gear box.
- 4) Determine whether the power and rotation provided by the PTO meet your requirement or not.
- 5) Determine additional products (drive shaft, flange, coupling, etc) you may need together with the PTO
- 6) Determine the PTO command type (pneumatic, mechanic, vacuum).

### POINTS TO BE TAKEN INTO CONSIDERATION DURING THE ASSEMBLY

- 1) Stop the vehicle engine during the assembly.
- 2) Discharge the gear box oil into a can.
- 3) Open the cover protecting the main transmission gear. Clean the mounting surface and bolt holes.
- 4) Tighten well PTO mounting drift pins to the gear box.
- 5) Grease PTO seal to make it stable during the assembly. Grease used should be permanent.
- 6) Bolts should be 60Nm on 6 holes PTO, 70 Nm on 8 holes PTO and 70Nm on rear mounting 4 holes PTO.
- 7) Start the engine for 5-10 seconds after having assembled the PTO on the gear box and listen to the noise of PTO. Gears may be pressed more than necessary on each other if the noise is moaning. Remove PTO and put another seal in addition or a thicker seal. Put a thinner seal if the noise is clattering. Never contact the PTO with gear box surface.
- 8) Fill in the discharged gear box oil and add if necessary. Never move the vehicle without having controlled.
- 9) Start the engine for 50 to 10 minutes. The assembly is successful if no problems occur within this period
- 10) Control again the tightness of bolts and make a last visual control.
- 11) Mount the hose coming from the compressor to the PTO. Minimum 6 bar.
- 12) Control whether PTO works or not.

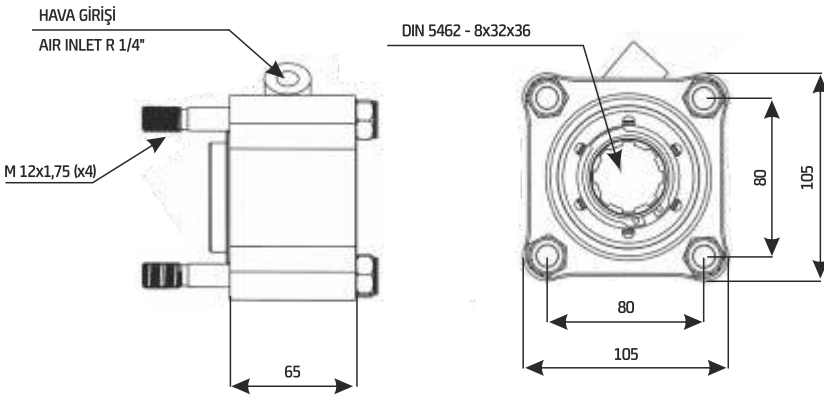
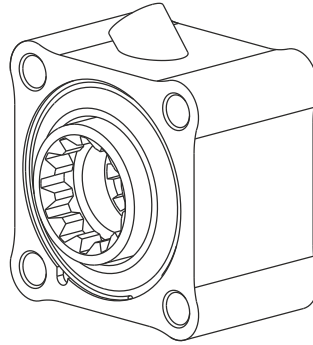
### PTO PROBLEMS

#### a-) Not Working Pto

- 1) The most important reason for this problem may be a not sufficiently high pressure or a leak on air pressure hose. PTOs operate under 6 bar pressure or over
- 2) Dusty or wet air is coming to PTO. Air should be cleaned in the night and renewed if necessary.
- 3) Pneumatic piston may get jammed if it is not operational for a given time and doesn't operate even on high air pressure.
- 4) Dumper button may be deteriorated.
- b) Not be able to stop pto while working
- 1) Pneumatic piston may be deteriorated. This is generally due to coming of dusty and wet air to the piston.
- 2) Dumper button may be deteriorated. It does not discharge and let the piston free.
- 3) Gear ends may get swelled and do not let the coupler gear free on uses without clutch.
- c) Other problems
- 1) Torque provided by PTO decreases if the impermeability is not fit and seals are not assembled in the right way
- 2) A loud noise emerges from the PTO if coupler gear and transmission gear are not tightly assembled. Ball bearings and gears may be damaged if the problem is not solved.
- 3) PTO and the gear box may be severely damaged if the vehicles starts to work without PTO getting disengaged.

**ZF ALÜMİNYUM**  
ZF ALUMINUM

KODU / CODE: 17811138366



**GENEL BİLGİLER / GENERAL DATA**

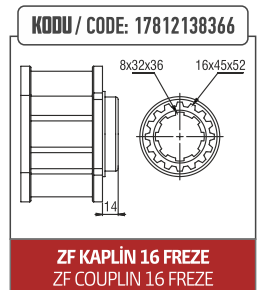
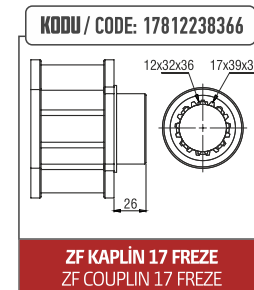
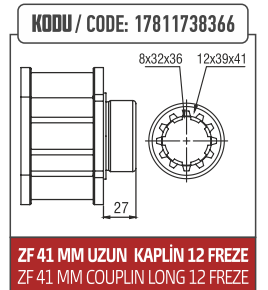
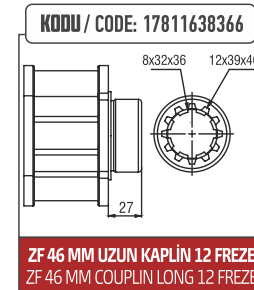
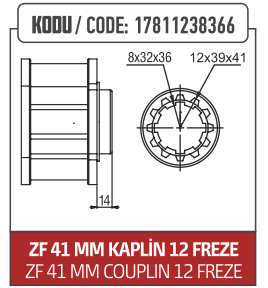
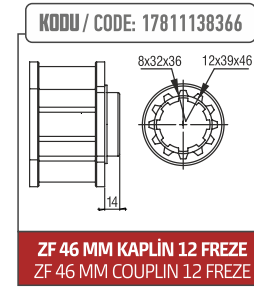
**ANA ŞANZİMAN / MAIN GEARBOX**

ZF16S251-221-151-150-130 ZF S5/AK/6S-120-111-110-92 GP ZF S5/AK/6S-90-80-70-66-65-55-50-42-36-35  
ECONOMIT 9S75-9S109-16S109 - ZF NEW ECOSPLIT 16S1620TD-16S1820TO - 18S1820TD-16S2220TD -  
16S220TO - 16S2520TO - 16S2023TDL

**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

MAN / MERCEDES / BMC PROFESYONEL / FORD CARGO / CHRYSLER HINO / DODGE / FARGO / IVECO  
/ DAF / DAEWOO / RENAULT

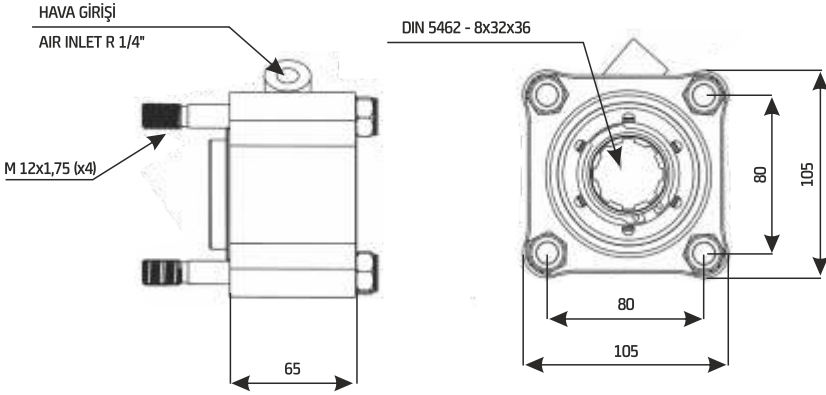
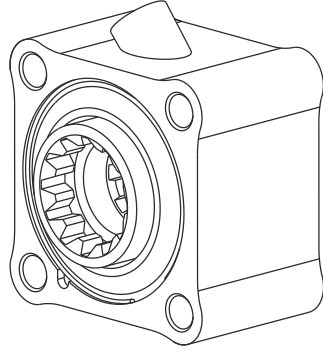
**KAPLİN SEÇENEKLERİ**  
COUPLING OPTIONS



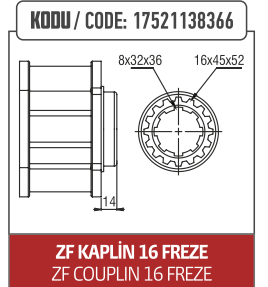
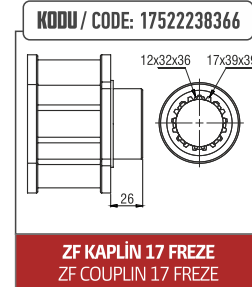
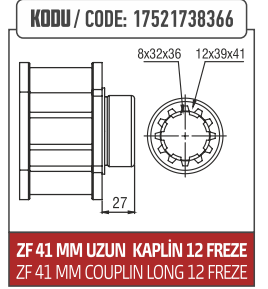
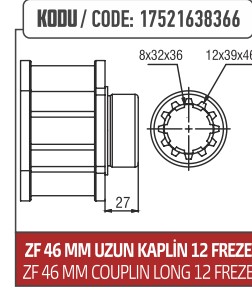
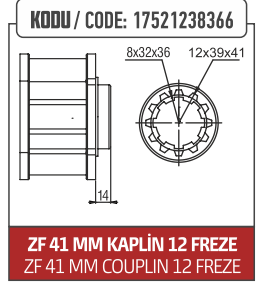
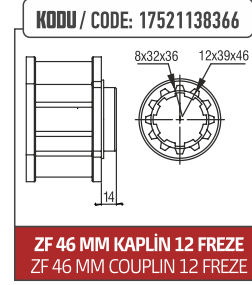
P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
17811138366	48,9 Kg 479,5 Nm	34,5 Hp 25,7 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
513 rpm 513 rpm	1/1 1/1	3,5 Kg -- lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Kuyruk Rear	Havalı Pneumatic	Sağ - ISO Right - ISO

**ZF DÖKÜM**  
ZF CASTING

KODU / CODE: 17521138366



**KAPLİN SEÇENEKLERİ**  
COUPLING OPTIONS



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZİMAN / MAIN GEARBOX**

ZF16S251-221-151-150-130 ZF S5/AK/6S-120-111-110-92 GP ZF S5/AK/6S-90-80-70-66-65-55-50-42-36-35  
ECONOMIT 9S75-9S109-16S109 - ZF NEW ECOSPLIT 16S1620TD-16S1820TO - 18S1820TD-16S2220TD -  
16S220TO - 16S2520TO - 16S2023TDL

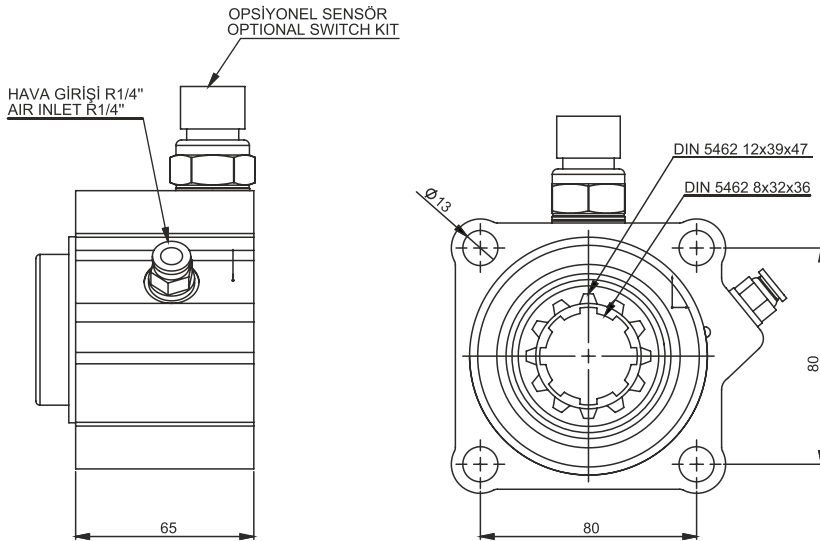
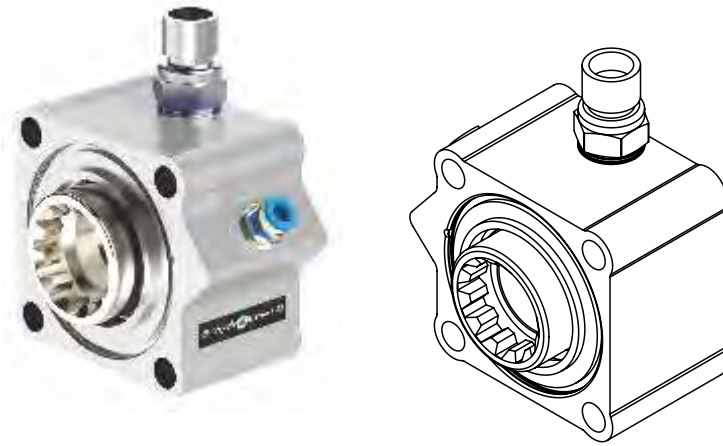
**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

MAN / MERCEDES / BMC PROFESYONEL / FORD CARGO / CHRYSLER HINO / DODGE / FARGO / IVECO  
/ DAF / DAEWOO / RENAULT

P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
17521138366	48,9 Kg 479,5 Nm	34,5 Hp 25,7 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
513 rpm 513 rpm	1/1 1/1	4 Kg 8,5 lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Kuyruk Rear	Havalı Pneumatic	Sağ - ISO Right - ISO

**ZF ALÜMİNYUM MÜŞÜRLÜ**  
ZF ALUMINUM WITH SWITCH

AÇIK DEVRE / OPEN LOOP KODU / CODE: 17821136366  
KAPALI DEVRE / CLOSE LOOP KODU / CODE: 17821135366



**GENEL BİLGİLER / GENERAL DATA**

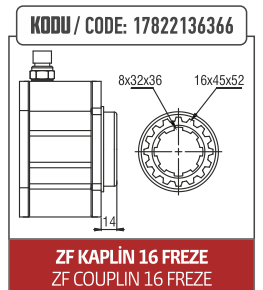
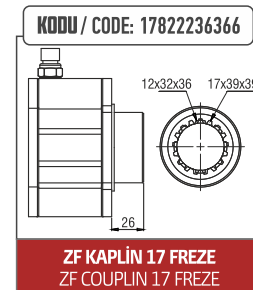
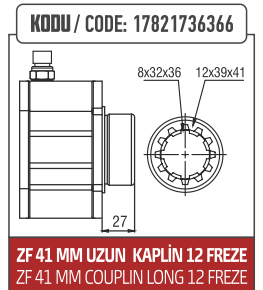
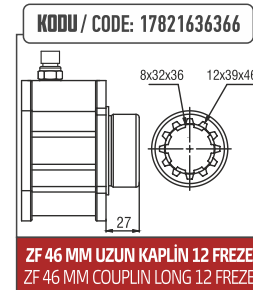
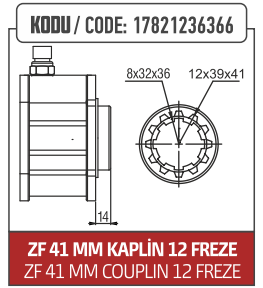
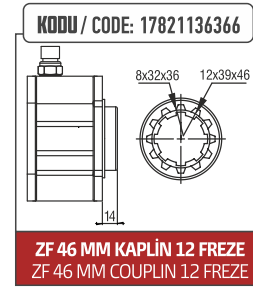
**ANA ŞANZİMAN / MAIN GEARBOX**

ZF16S251-221-151-150-130 ZF S5/AK/6S-120-111-110-92 GP ZF S5/AK/6S-90-80-70-66-65-55-50-42-36-35  
ECONOMIT 9S75-9S109-16S109 - ZF NEW ECOSPLIT 16S1620TD-16S1820TO - 18S1820TD-16S2220TD -  
16S220TO - 16S2520TO - 16S2023TDL

**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

MAN / MERCEDES / BMC PROFESYONEL / FORD CARGO / CHRYSLER HINO / DODGE / FARGO / IVECO  
/ DAF / DAEWOO / RENAULT

**KAPLIN SEÇENEKLERİ**  
COUPLING OPTIONS

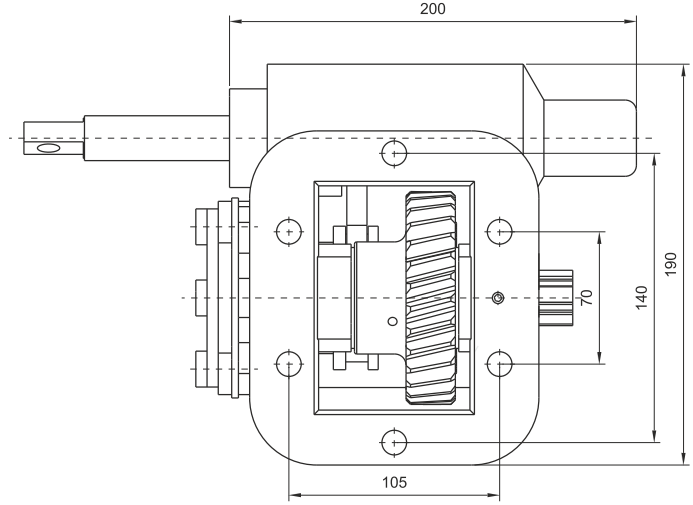
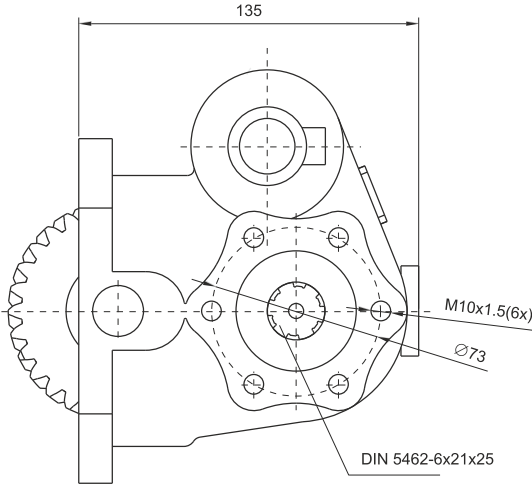
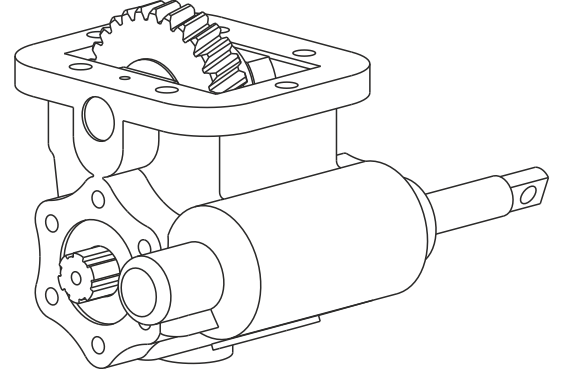


P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
<b>17821136366</b>	48,9 Kg 479,7 Nm	-- Hp 25,7 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
513 rpm 513 rpm	1/1 1/1	3,5 Kg -- lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Kuyruk Rear	Havalı Pneumatic	Sağ - ISO Right - ISO



**ZF-MB 800 YAN**  
ZF-MB 800 SIDE

KODU / CODE: 17524127166



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZİMAN / MAIN GEARBOX**

ZF ECOLITE S5 - 42 (5,72)

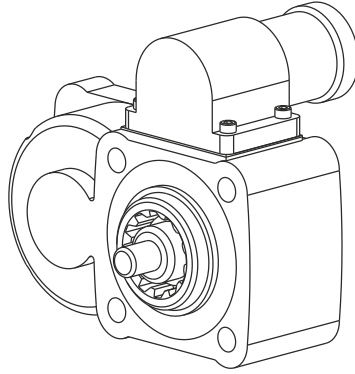
**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

8,150 - 8,153 - 10,153 - 10,163 - 10,185 MAN / MB 800 - 1215 - 1517 - ATEGO MERCEDES BENZ / 45LF - 170 DAF 45, 120 - 45,130 - 45,150 - 45,160 - 50,130 - LEYLAND DAF / RENAULT S120, 07 - S120,08 - 135 - 370 - MIDLUM 302 - 304 - 306 - 313 - 317 LEYLAND / 45LF, 150 - 45LF, 170 / MERCEDES VARIO LEICHT, 614 - 712 - 715 - 812 - 814 - 815

P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
<b>17524127166</b>	21 Kgm 206,01 Nm	26,8 Hp 20 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
1000 rpm 1000 rpm	1/0,8 1/0,8	13 Kg 28,65 lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Sağ - Yan Right - Side	Mekanik Mechanic	Sağ - UNI Right - UNI

**ZF-2 DÖKÜM**  
ZF-2 CASTING

KODU / CODE: 17531138399



**KAPLIN SEÇENEKLERİ**  
COUPLING OPTIONS

KODU / CODE: 17821236366

8x32x36 12x39x46



ZF 46 MM KAPLIN 12 FREZE  
ZF 46 MM COUPLIN 12 FREZE

KODU / CODE: 17531238399

8x32x36 12x39x41



ZF 41 MM KAPLIN 12 FREZE  
ZF 41 MM COUPLIN 12 FREZE

KODU / CODE: 17532238399

12x32x36 17x39x39



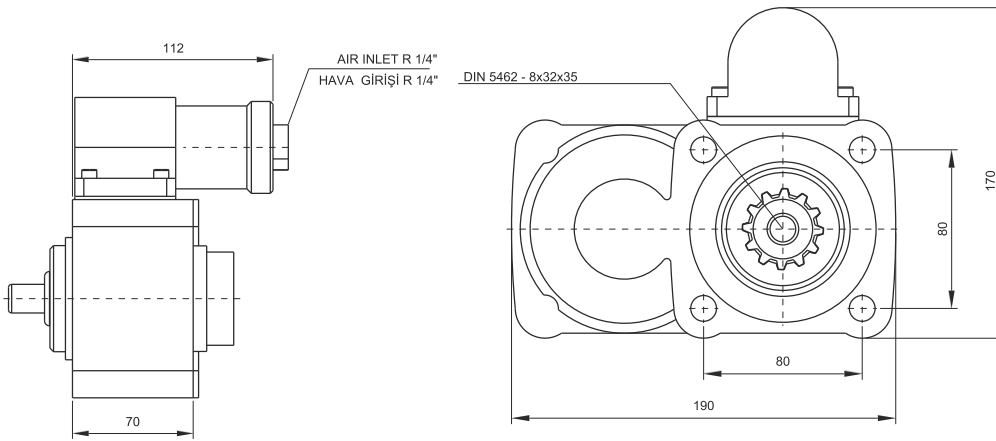
ZF KAPLIN 17 FREZE  
ZF COUPLIN 17 FREZE

KODU / CODE: 17532138399

8x32x36 16x45x52



ZF KAPLIN 16 FREZE  
ZF COUPLIN 16 FREZE



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZİMAN / MAIN GEARBOX**

ZF16S251 - 221 - 151 - 150 - 130 - ZF55 / AK / 65 - 120 - 111 - 110 - 92 - GP ZF55 / AK / 65 - 90 - 80 - 70 - 66 - 65 - 55 - 50 - 42 - 36 - 35 - ZF - ECOMIT 95 75 - 95 109 - 16S 109 - ZF NEW ECOSPLIT 16S1620TD - 16S1820TO - 18S1820TO - 16S2220TD - 16S220TO - 16S2520TO - 16S2023TDL

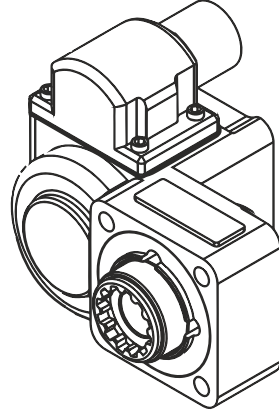
**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

MAN / MERCEDES / BMC PROFESYONEL / FORD CARGO / CHRYSLER HINO / DODGE / FARGO / IVECO / DAF / DAEWOO / RENAULT

P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
<b>17531138399</b>	26,5 Kg 260 Nm	24,5 Hp 18,3 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
675 rpm 675 rpm	1/1,2 1/1,2	7,5 Kg -- lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Kuyruk Rear	Havalı Pneumatic	Sol - ISO Left - ISO

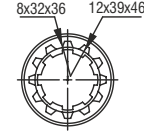
**ZF-2 KEÇELİ**  
ZF-2

KODU / CODE: 17532238399



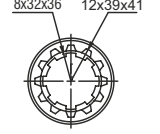
**KAPLIN SEÇENEKLERİ**  
COUPLING OPTIONS

KODU / CODE: 17821236366



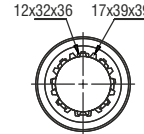
ZF 46 MM KAPLIN 12 FREZE  
ZF 46 MM COUPLIN 12 FREZE

KODU / CODE: 17531238399



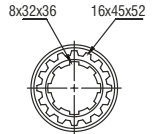
ZF 41 MM KAPLIN 12 FREZE  
ZF 41 MM COUPLIN 12 FREZE

KODU / CODE: 17532238399

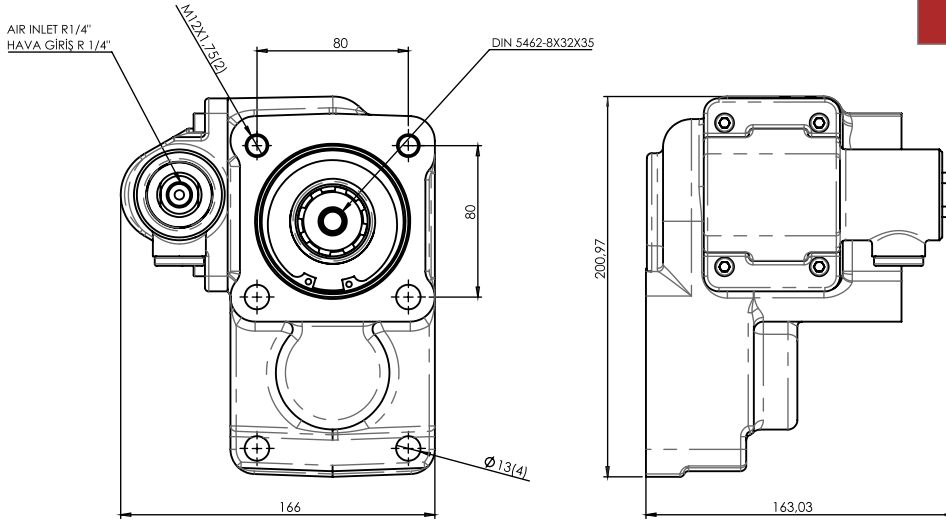


ZF KAPLIN 17 FREZE  
ZF COUPLIN 17 FREZE

KODU / CODE: 17532138399



ZF KAPLIN 16 FREZE  
ZF COUPLIN 16 FREZE



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZİMAN / MAIN GEARBOX**

ZF16S251- 221- 151- 150- 130- ZF55/AK/65- 120- 111- 110- 92-GPZF55/AK65 90 - 80 - 70 - 66 - 65 - 55 - 50 - 42 - 36 - 35 - ZF - ECOMIT 9S 75 - 9S 109 - 16S 109 - ZF NEW ECOSPLIT 16S1620TD - 16S1820TO - 18S1820TO-

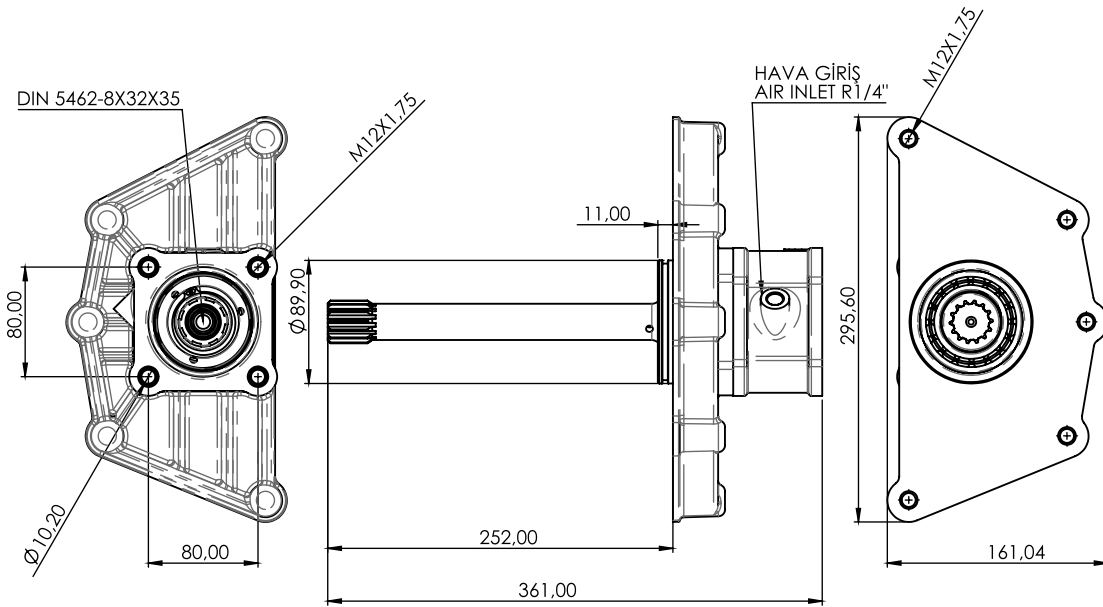
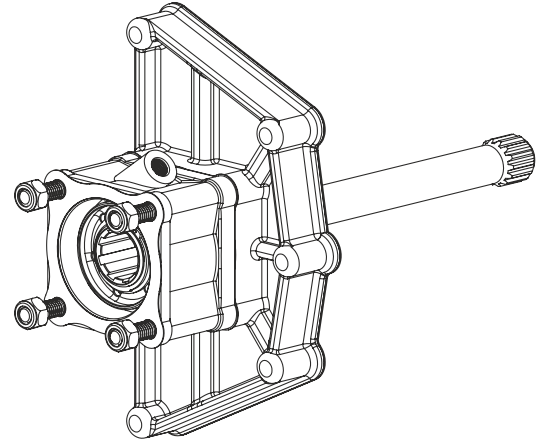
**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

MAN/ MERCEDES/ BMC PROFESYONEL/ FORD CARGO/ CHRYSLER HINO/ DODGE/ FARGO IVECO / DAF / DAEWOO / RENAULT

P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
17532238399	21 Kgm 206,01 Nm	26,8 Hp 20 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
1000 rpm 1000 rpm	1/0,8 1/0,8	13 Kg 28,65 lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Sağ - Yan Right - Side	Mekanik Mechanic	Sağ - UNI Right - UNI

**TRAXON ZF-1**  
TRAXIN ZF-1

KODU / CODE: 17511138166



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZİMAN / MAIN GEARBOX**

12TX-1410TD-16.69-1.0, 12TX-1610TD-16.69-1.0, 12TX-1610TO-12.92-0.77, 12TX-1810TD-16.69-1.0, 12TX-1810TO-12.92-0.77, 12TX-2010TD-16.69-1.0, 12TX-2010TO-12.92-0.77, 12TX-2210TD-16.69-1.0, 12TX-2210TO-12.92-0.77, 12TX-2420TD-16.69-1.0, 12TX-2610TD-12.92-0.77, 12TX-2620TD-16.69-1.0, 12TX-2820TD-16.69-1.0, 12TX-2820TO-12.92-0.77, 12TX-3020TO-12.92-0.77, 12TX-3220TO-12.92-0.77, 12TX-3420TO-12.92-0.77, 16TX-1640TD-17.94-1.0, 16TX-1840TD-17.94-1.0, 16TX-1840TO-14.68-0.82, 16TX-2040TD-17.94-1.0, 16TX-2040TO-14.68-0.82, 16TX-2240TD-17.94-1.0, 16TX-2240TO-14.68-0.82, 16TX-2440TD-17.94-1.0, 16TX-2440TO-14.68-0.82, 16TX-2640TD-17.94-1.0, 16TX-2640TO-14.68-0.82, 16TX-2840TD-17.94-1.0, 16TX-2840TO-14.68-0.82

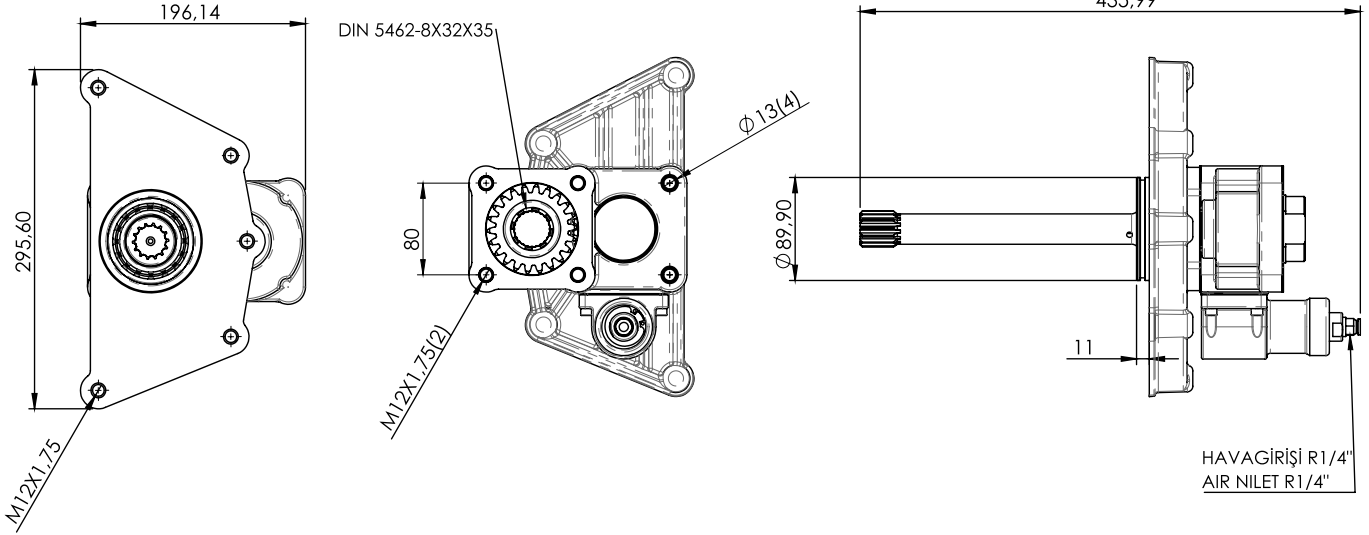
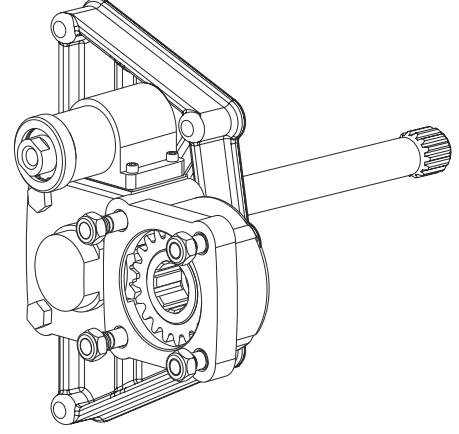
**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

FORD 1848

<b>P.T.O. KODU</b> P.T.O. CODE	<b>TORK</b> TORQUE	<b>GÜÇ (1000 rpm)</b> POWER
<b>17511138166</b>	21 Kgm 206,01 Nm	26,8 Hp 20 Kw
<b>DEVİR</b> SPEED	<b>ORAN</b> RATIO	<b>AĞIRLIK</b> WEIGHT
1000 rpm 1000 rpm	1/1	10 Kg
<b>BAĞLANTI</b> MOUNTING	<b>KUMANDA</b> CONTROL	<b>DÖNÜŞ*</b> PTO ROTATION
Kuyruk	Phomatik	Sağ - UNI Right - UNI

**TRAXON ZF-2**  
TRAXON ZF-2

KODU / CODE: 17511238266



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZİMAN / MAIN GEARBOX**

12TX-1410TD-16.69-1.0, 12TX-1610TD-16.69-1.0, 12TX-1610TO-12.92-0.77, 12TX-1810TD-16.69-1.0, 12TX-1810TO-12.92-0.77, 12TX-2010TD-16.69-1.0, 12TX-2010TO-12.92-0.77, 12TX-2210TD-16.69-1.0, 12TX-2210TO-12.92-0.77, 12TX-2420TD-16.69-1.0, 12TX-2610TD-12.92-0.77, 12TX-2620TD-16.69-1.0, 12TX-2820TD-16.69-1.0, 12TX-2820TO-12.92-0.77, 12TX-3020TO-12.92-0.77, 12TX-3220TO-12.92-0.77, 12TX-3420TO-12.92-0.77, 16TX-1640TD-17.94-1.0, 16TX-1840TD-17.94-1.0, 16TX-1840TO-14.68-0.82, 16TX-2040TD-17.94-1.0, 16TX-2040TO-14.68-0.82, 16TX-2240TD-17.94-1.0, 16TX-2240TO-14.68-0.82, 16TX-2440TD-17.94-1.0, 16TX-2440TO-14.68-0.82, 16TX-2640TD-17.94-1.0, 16TX-2640TO-14.68-0.82, 16TX-2840TD-17.94-1.0, 16TX-2840TO-14.68-0.82

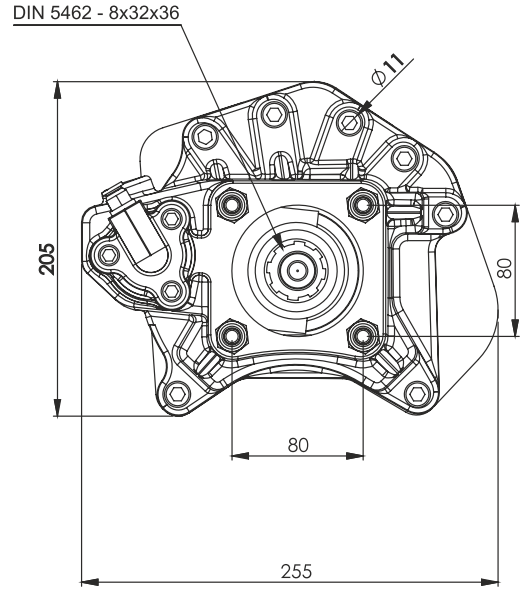
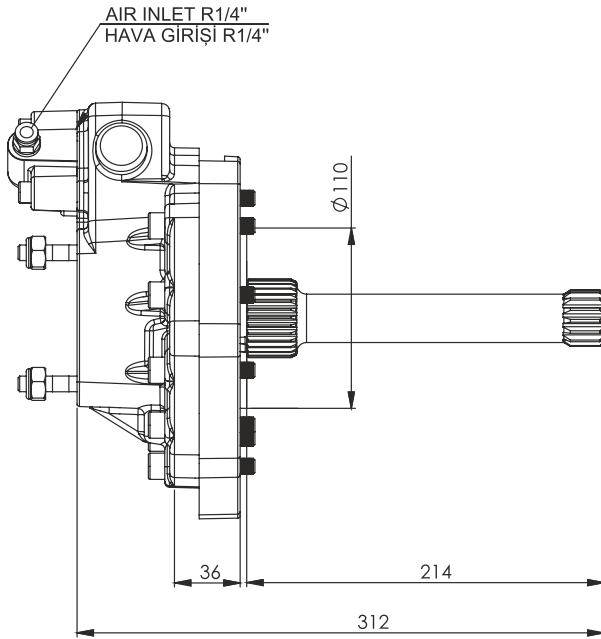
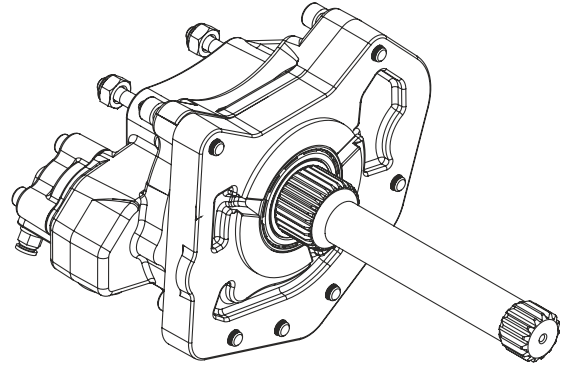
**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

FORD 1848

P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
<b>17511238266</b>	21 Kgm 206,01 Nm	26,8 Hp 20 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
1000 rpm 1000 rpm	1/1,2	15 Kg
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Kuyruk	Phomatik	Sol - UNI Left - UNI

**MERCEDES ACTROS A**  
MERCEDES ACTROS A

KODU / CODE: 17513138366



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZİMAN / MAIN GEARBOX**

G125-9, G135, G155-9, G180, G200, G211-9, G240, G255, G260 (11,9-15,9-16,2)  
G125-16, G135-16, G155-16, G180-16, G200-16, G210-16, G240-16, G255

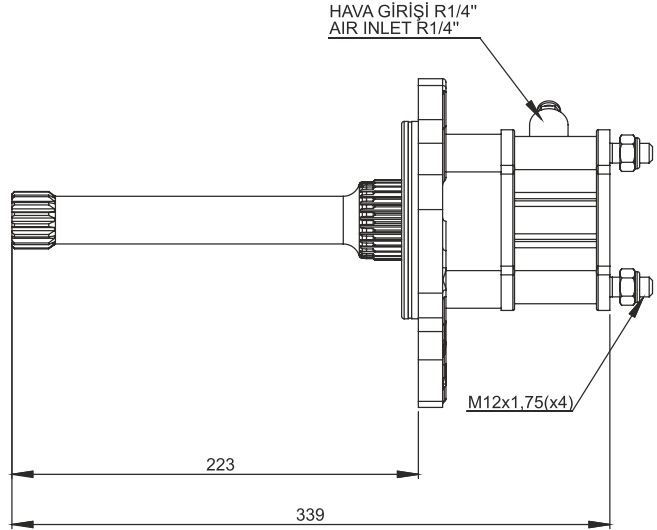
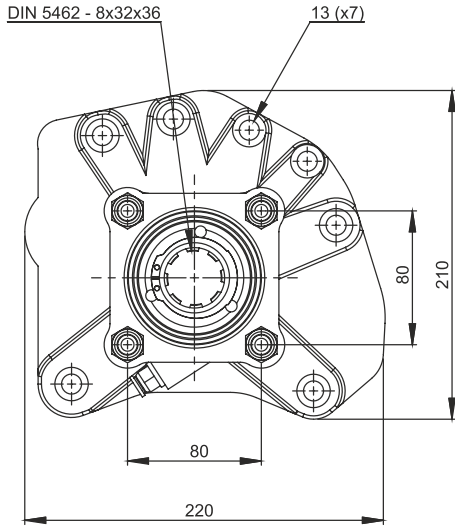
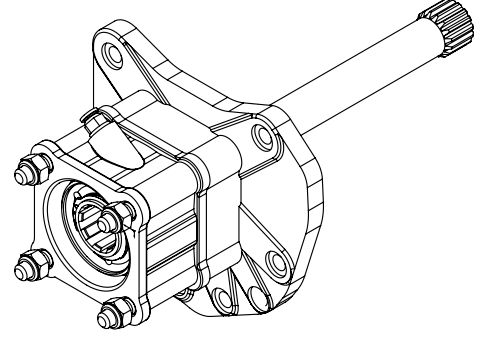
**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

1729 - 1735 - 1827 - 1834 - 1838 - 1929 - 1935 - 2038 - 2429 - 2435 - 2527 - 2531 - 2534 - 2629 - 2631 - 2635 - 2638 -  
3229 - 3234 - 3534 - 3535 - 1831 - 1835 - 1840 - 1844 - 1848 - 1850 - 1857 - 1934 - 1938 - 1953 - 2044 - 2050 - 2544 -  
2550 - 2650 - 2643 - 2644 - 3031 - 3234 - 3331 - 3335 - 3336 - 3340 - 3235 - 2031 - 2040 - 2648 - 3548 - 3553 - 3557 -  
3538 - 2641 - 3244 ACTROS

<b>P.T.O. KODU</b> P.T.O. CODE	<b>TORK</b> TORQUE	<b>GÜÇ (1000 rpm)</b> POWER
<b>17513138366</b>	23,5 Kgm 130,5 Nm	16 Hp 12 Kw
<b>DEVİR</b> SPEED	<b>ORAN</b> RATIO	<b>AĞIRLIK</b> WEIGHT
500 rpm 500 rpm	1/1 1/1	9,5 Kg -- lb
<b>BAĞLANTI</b> MOUNTING	<b>KUMANDA</b> CONTROL	<b>DÖNÜŞ*</b> PTO ROTATION
Kuyruk Rear	Havalı Pneumatic	Sağ - ISO Right - ISO

**MERCEDES AXOR - 1**  
MERCEDES AXOR - 1

KODU / CODE: 17511138366



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZİMAN / MAIN GEARBOX**

G125-9, G135, G155-9, G180, G200, G211-9, G240, G255, G260 (11,9-15,9-16,2)  
G125-16, G135-16, G155-16, G180-16, G200-16, G210-16, G240-16, G255

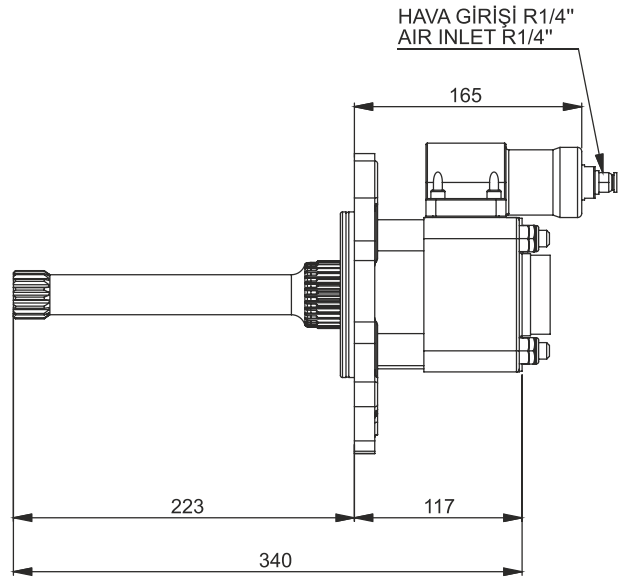
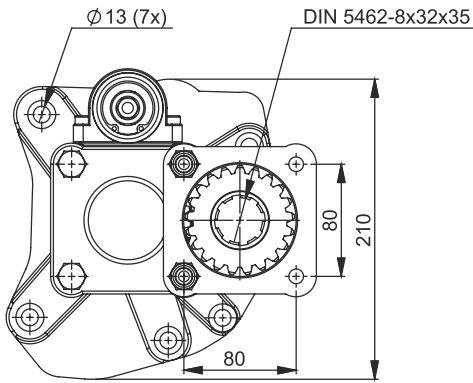
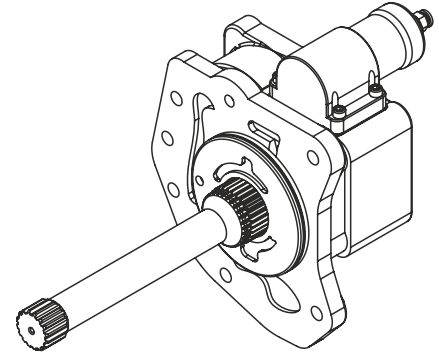
**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

1729 - 1735 - 1827 - 1834 - 1838 - 1929 - 1935 - 2038 - 2429 - 2435 - 2527 - 2531 - 2534 - 2629 - 2631 - 2635 - 2638 -  
3229 - 3234 - 3534 - 3535 - 1831 - 1835 - 1840 - 1844 - 1848 - 1850 - 1857 - 1934 - 1938 - 1953 - 2044 - 2050 - 2544 -  
2550 - 2650 - 2643 - 2644 - 3031 - 3234 - 3331 - 3335 - 3336 - 3340 - 3235 - 2031 - 2040 - 2648 - 3548 - 3553 - 3557 -  
3538 - 2641 - 3244 ACTROS

P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
<b>17511138366</b>	24 Kgm 235,5 Nm	16 Hp 12 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
500 rpm 500 rpm	1/1 1/1	10,5 Kg 23,3 lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Kuyruk Rear	Havalı Pneumatic	Sağ - ISO Right - ISO

**MERCEDES AXOR - 2**  
MERCEDES AXOR - 2

KODU / CODE: 17511638399



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZİMAN / MAIN GEARBOX**

G125-9, G135, G155-9, G180, G200, G211-9, G240, G255, G260 (11,9-15,9-16,2)  
G125-16, G135-16, G155-16, G180-16, G200-16, G210-16, G240-16, G255

**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

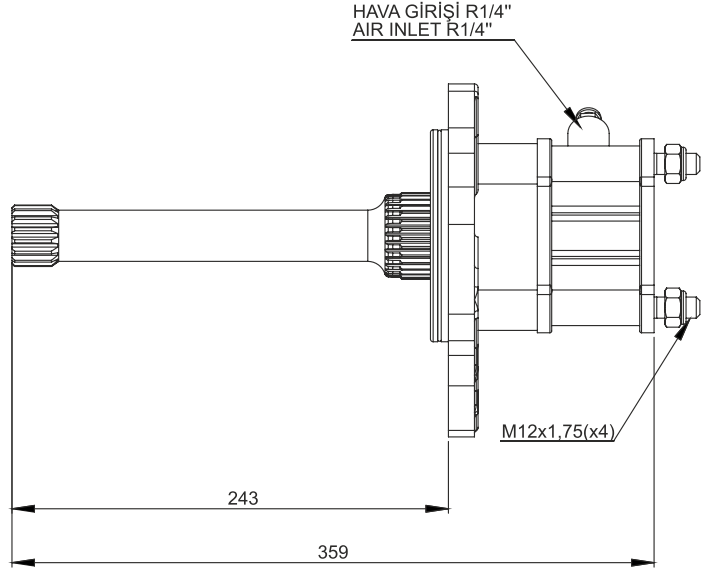
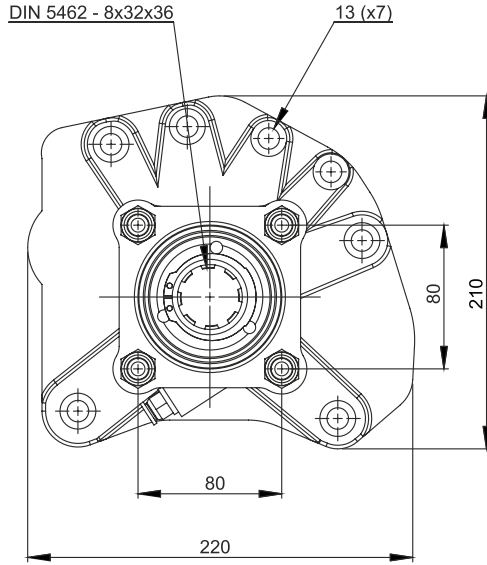
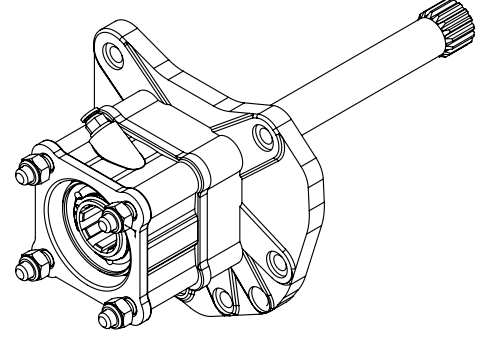
1729 - 1735 - 1827 - 1834 - 1838 - 1929 - 1935 - 2038 - 2429 - 2435 - 2527 - 2531 - 2534 - 2629 - 2631 - 2635 - 2638 -  
3229 - 3234 - 3534 - 3535 - 1831 - 1835 - 1840 - 1844 - 1848 - 1850 - 1857 - 1934 - 1938 - 1953 - 2044 - 2050 - 2544 -  
2550 - 2650 - 2643 - 2644 - 3031 - 3234 - 3331 - 3335 - 3336 - 3340 - 3235 - 2031 - 2040 - 2648 - 3548 - 3553 - 3557 -  
3538 - 2641 - 3244 ACTROS

P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
17511638399	30 Kg 295 Nm	57,7 Hp 43 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
675 rpm 675 rpm	1/1,12 1/1,12	16,6 Kg 36,6 lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Kuyruk Rear	Havali Pneumatic	Sol - ISO Left - ISO



**MERCEDES G155 - 1 ACTROS**  
MERCEDES G155 - 1 ACTROS

KODU / CODE: 17512138366



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZİMAN / MAIN GEARBOX**

G125-9, G135, G155-9, G180, G200, G211-9, G240, G255, G260 (11,9-15,9-16,2)  
G125-16, G135-16, G155-16, G180-16, G200-16, G210-16, G240-16, G255

**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

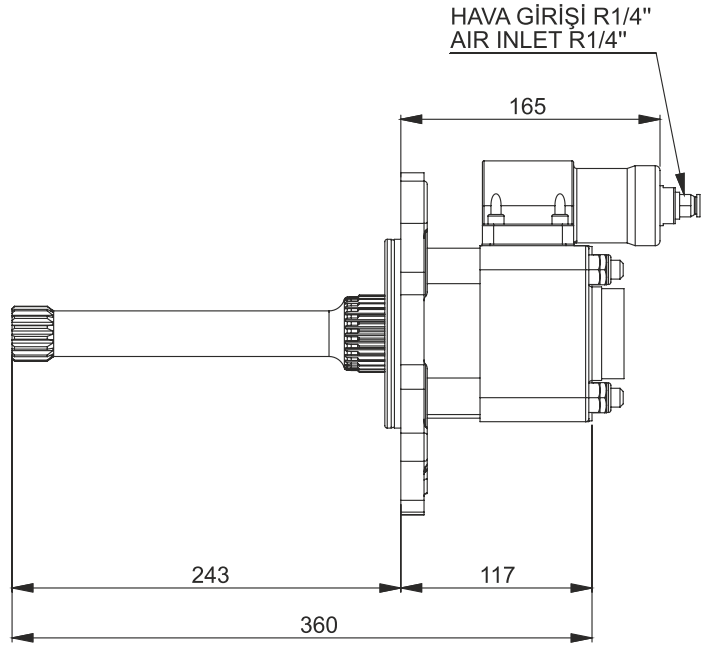
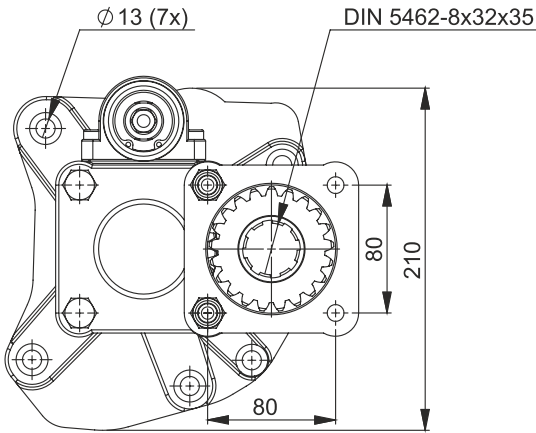
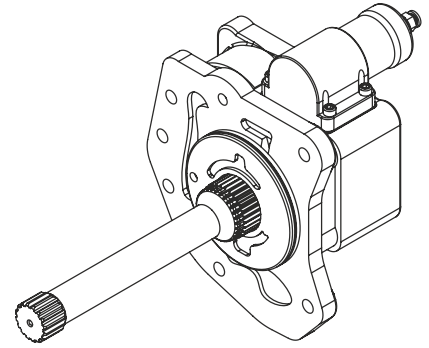
1729 - 1735 - 1827 - 1834 - 1838 - 1929 - 1935 - 2038 - 2429 - 2435 - 2527 - 2531 - 2534 - 2629 - 2631 - 2635 - 2638 - 3229 - 3234 - 3534 - 3535 - 1831 - 1835 - 1840 - 1844 - 1848 - 1850 - 1857 - 1934 - 1938 - 1953 - 2044 - 2050 - 2544 - 2550 - 2650 - 2643 - 2644 - 3031 - 3234 - 3331 - 3335 - 3336 - 3340 - 3235 - 2031 - 2040 - 2648 - 3548 - 3553 - 3557 - 3538 - 2641 - 3244 ACTROS

P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
17512138366	23 Kgm 255 Nm	16 Hp 12 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
500 rpm 500 rpm	1/1 1/1	11 Kg 24,3 lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Kuyruk Rear	Havali Pneumatic	Sağ - ISO Right - ISO

**MERCEDES G155 - 2 ACTROS**

MERCEDES G155 - 2 ACTROS

KODU / CODE: 17512638399



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZİMAN / MAIN GEARBOX**

G125-9, G135, G155-9, G180, G200, G211-9, G240, G255, G260 (11,9-15,9-16,2)  
G125-16, G135-16, G155-16, G180-16, G200-16, G210-16, G240-16, G255

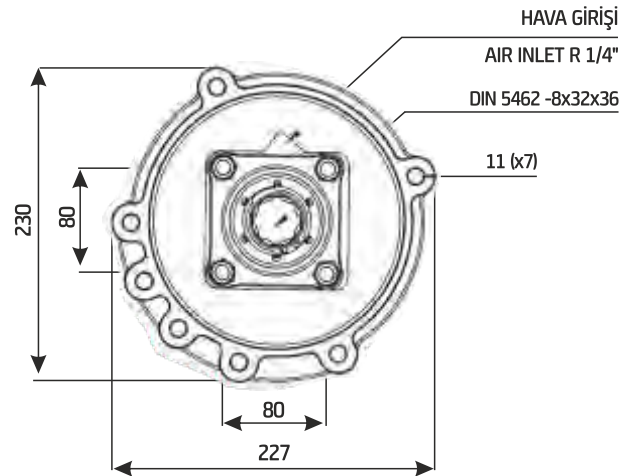
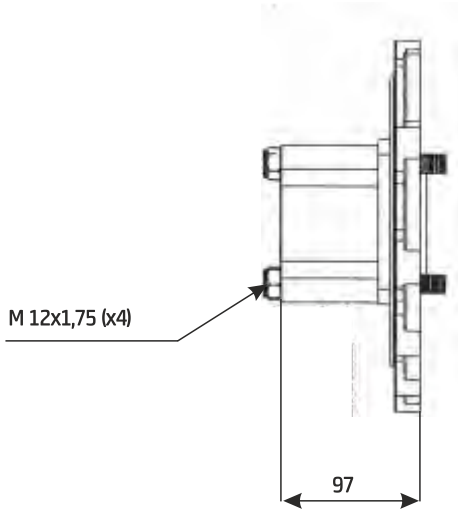
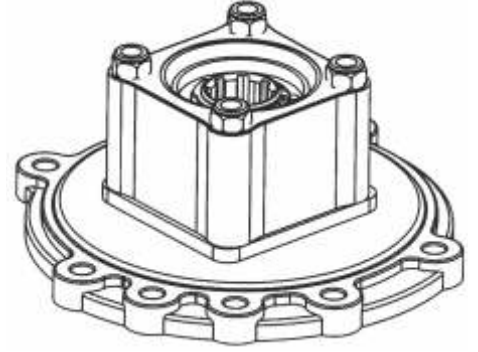
**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

1729 - 1735 - 1827 - 1834 - 1838 - 1929 - 1935 - 2038 - 2429 - 2435 - 2527 - 2531 - 2534 - 2629 - 2631 - 2635 - 2638 -  
3229 - 3234 - 3534 - 3535 - 1831 - 1835 - 1840 - 1844 - 1848 - 1850 - 1857 - 1934 - 1938 - 1953 - 2044 - 2050 - 2544 -  
2550 - 2650 - 2643 - 2644 - 3031 - 3234 - 3331 - 3335 - 3336 - 3340 - 3235 - 2031 - 2040 - 2648 - 3548 - 3553 - 3557 -  
3538 - 2641 - 3244 ACTROS

<b>P.T.O. KODU</b> P.T.O. CODE	<b>TORK</b> TORQUE	<b>GÜÇ (1000 rpm)</b> POWER
<b>17512638399</b>	28 Kgm 275 Nm	57,7 Hp 43 Kw
<b>DEVİR</b> SPEED	<b>ORAN</b> RATIO	<b>AĞIRLIK</b> WEIGHT
675 rpm 675 rpm	1/1,12 1/1,12	16,5 Kg 36,6 lb
<b>BAĞLANTI</b> MOUNTING	<b>KUMANDA</b> CONTROL	<b>DÖNÜŞ*</b> PTO ROTATION
Kuyruk Rear	Havali Pneumatic	Sol - ISO Left - ISO

**MERCEDES G4**  
MERCEDES G4

KODU / CODE: 17514138366



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZİMAN / MAIN GEARBOX**

G4-GV/ 4 65, 90, 95, 110, 125, 135, 155, 180

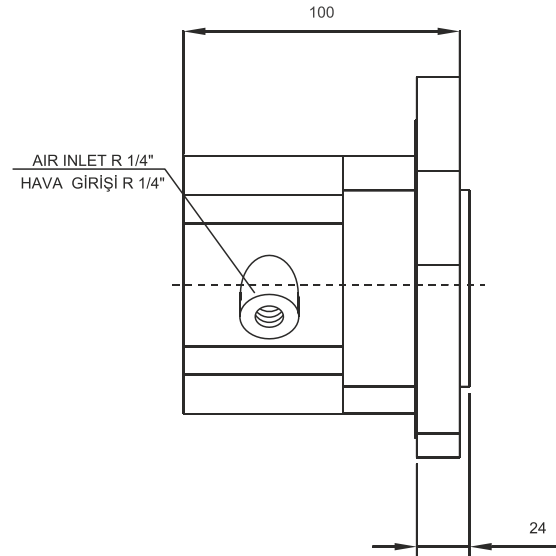
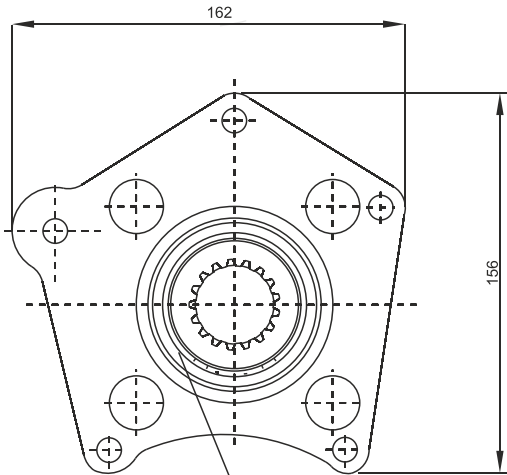
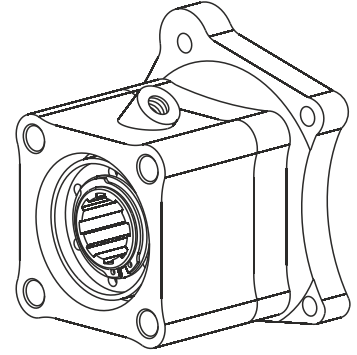
**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

1222-1224-1417-1419-1617-1619-1620-1722-1733-1817-1820-1821-1827-1831-1922-2232-2517-2521-2527-3027-1424-1628-1820-1824-1929-1935-1948-2224-2222-2426-2524-2622-2629-2635  
MERCEDES BENZ

<b>P.T.O. KODU</b> P.T.O. CODE	<b>TORK</b> TORQUE	<b>GÜÇ (1000 rpm)</b> POWER
<b>17514138366</b>	22,5 Kgm 219,7 Nm	16 Hp 12 Kw
<b>DEVİR</b> SPEED	<b>ORAN</b> RATIO	<b>AĞIRLIK</b> WEIGHT
500 rpm 500 rpm	1/1 1/1	6 Kg - lb
<b>BAĞLANTI</b> MOUNTING	<b>KUMANDA</b> CONTROL	<b>DÖNÜŞ*</b> PTO ROTATION
Kuyruk Rear	Havalı Pneumatic	Sağ - ISO Right - ISO

**MERCEDES 352-1**  
MERCEDES 352-1

KODU / CODE: 17515138366



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZİMAN / MAIN GEARBOX**

G3 / 32, 36, 40, 45, 50, 55, 60, 61,

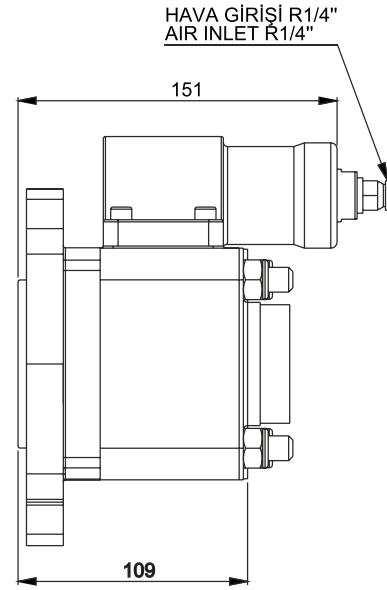
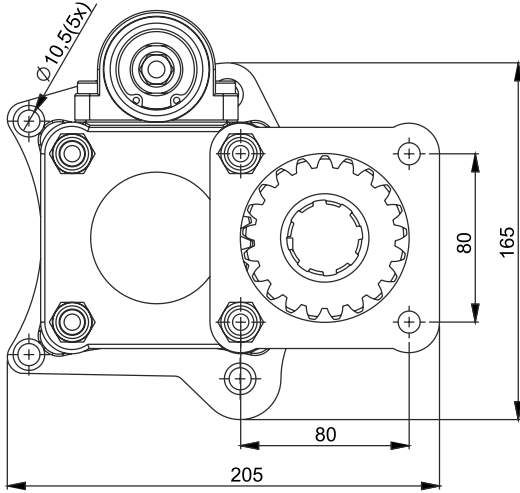
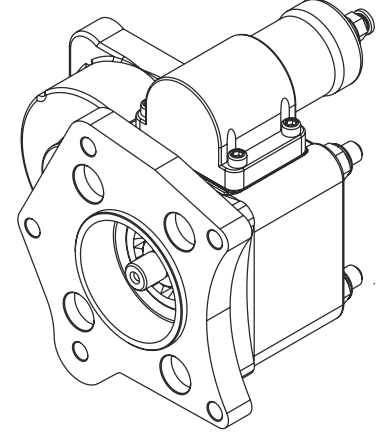
**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

315 - 352 - 362 - 383 - 609 - 710 - 712 - 809 - 812 - 813 - 814 - 817 - 913 - 1017 - 1113 - 1114 - 1213 - 1216 - 1318 - 1618

P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
<b>17515138366</b>	23 Kgm 225 Nm	29,7 Hp 21,9 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
1000 rpm 1000 rpm	1/1 1/1	5,5 Kg - lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Kuyruk Rear	Havalı Pneumatic	Sağ - ISO Right - ISO

**MERCEDES 352-2**  
MERCEDES 352-2

KODU / CODE: 17515638399



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZİMAN / MAIN GEARBOX**

G3 / 32, 36, 40, 45, 50, 55, 60, 61

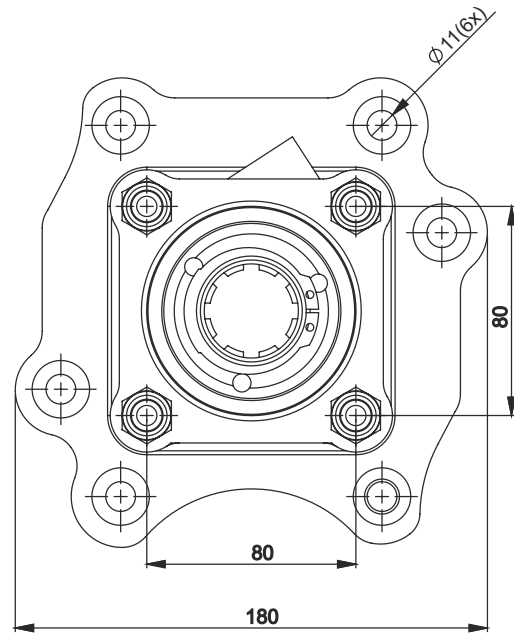
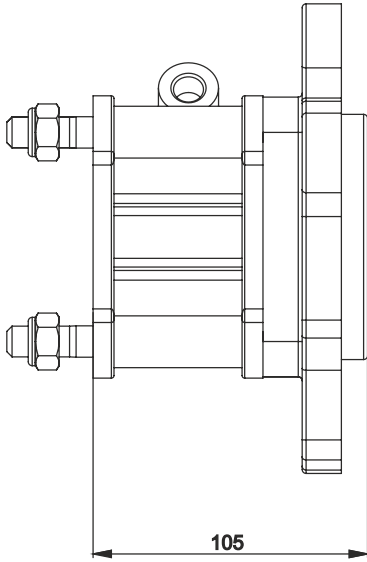
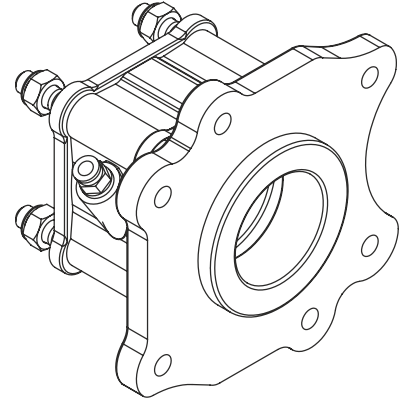
**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

315 - 352 - 362 - 383 - 609 - 710 - 712 - 809 - 812 - 813 - 814 - 817 - 913 - 1017 - 1113 - 1114 - 1213 - 1216 - 1318 - 1618

P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
<b>17515638399</b>	22,4 Kgm 219,7 Nm	18,5 Hp 13,8 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
600 rpm 600 rpm	1/1, 12 1/1, 12	10 Kg - lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Kuyruk Rear	Havalı Pneumatic	Sol - UNI Left - UNI

**MERCEDES ATEGO - 1/6 DELİKLİ**  
MERCEDES ATEGO - 1/6 HOLE

KODU / CODE: 17516138366



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZİMAN / MAIN GEARBOX**

G56-6 (6,291)

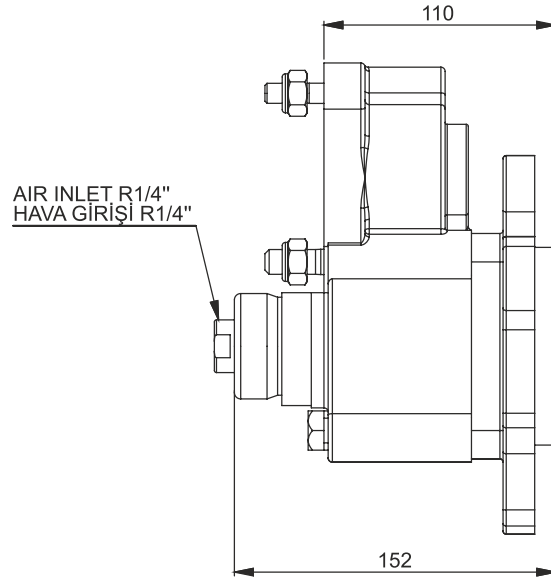
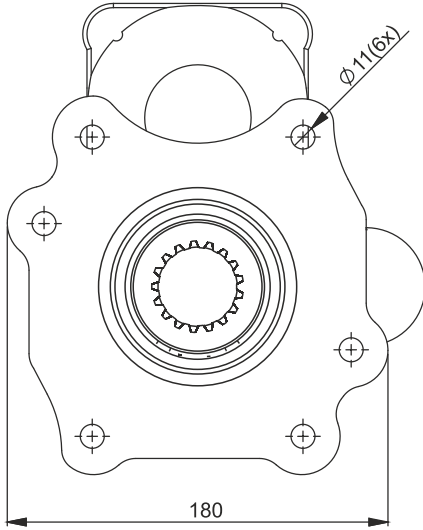
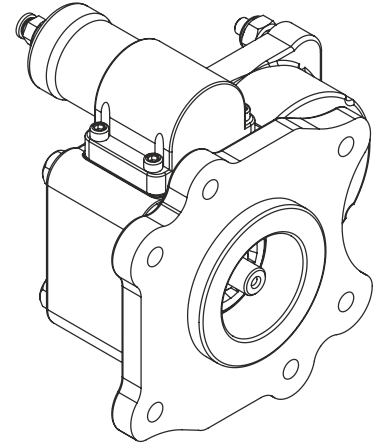
**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

614 - 814 - 815 - 817 - 818 - 823 - 925 - 1017 - 1328 - 1215 - 1217 - 1223 - 1225 - 1317 - 1323 - 1328 - 1517 - 1523 - 1618 - 1623 - 1823 ATEGO

P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
17516138366	26,5 Kgm 265,5 Nm	-- Hp 14,9 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
650 rpm 650 rpm	1/1 1/1	7 Kg -- lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Kuyruk Rear	Havalı Pneumatic	Sol - ISO Left - ISO

**MERCEDES ATEGO - 2 / 6 DELİKLİ**  
MERCEDES ATEGO - 2 / 6 HOLE

KODU / CODE: 17516638399



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZIMAN / MAIN GEARBOX**

G56-6 (6,291)

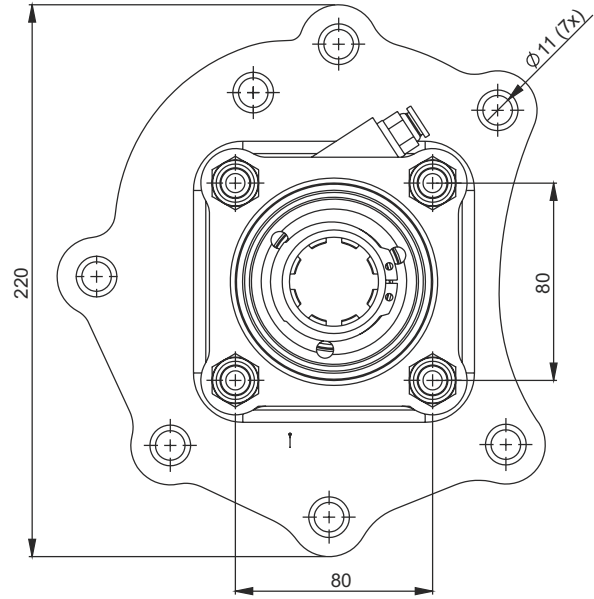
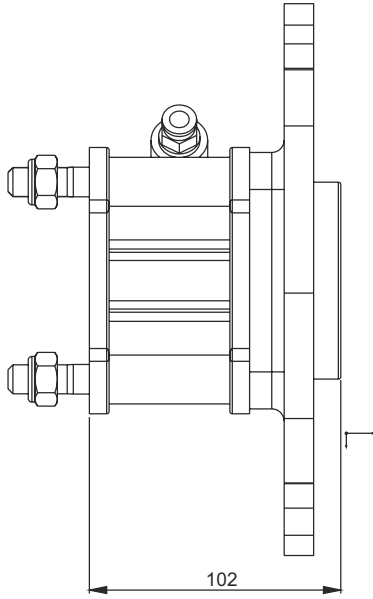
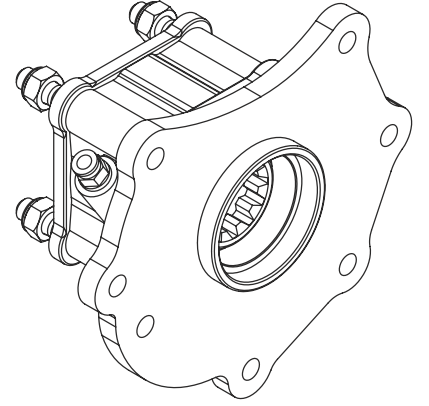
**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

614 - 814 - 815 - 817 - 818 - 823 - 925 - 1017 - 1328 - 1215 - 1217 - 1223 - 1225 - 1317 - 1323 - 1328 - 1517 - 1523 - 1618 - 1623 - 1823 ATEGO

<b>P.T.O. KODU</b> P.T.O. CODE	<b>TORK</b> TORQUE	<b>GÜÇ (1000 rpm)</b> POWER
<b>17516638399</b>	26,5 Kgm 265,5 Nm	-- Hp 14,9 Kw
<b>DEVİR</b> SPEED	<b>ORAN</b> RATIO	<b>AĞIRLIK</b> WEIGHT
650 rpm 650 rpm	---	11 Kg --- lb
<b>BAĞLANTI</b> MOUNTING	<b>KUMANDA</b> CONTROL	<b>DÖNÜŞ*</b> PTO ROTATION
Kuyruk Rear	Havalı Pneumatic	Sol - ISO Left - ISO

**MERCEDES ATEGO - 1 / 7 DELİKLİ**  
MERCEDES ATEGO - 1 / 7 HOLE

KODU / CODE: 17516238366



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZİMAN / MAIN GEARBOX**

G 60-6 (9,20) / G85-6 (6,70),

**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

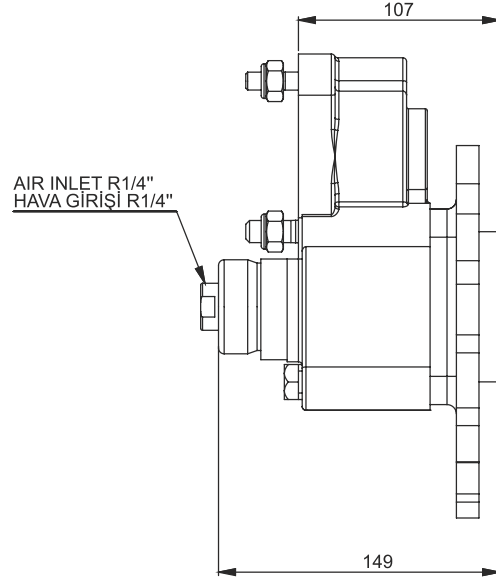
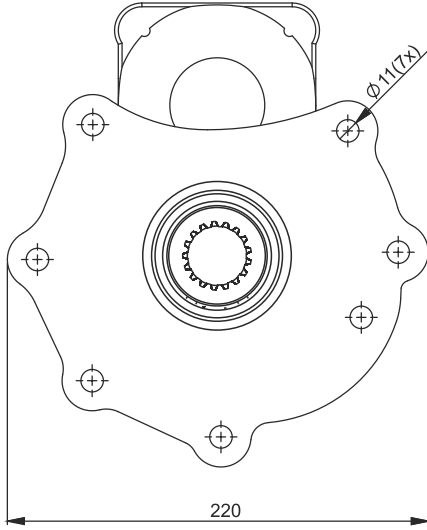
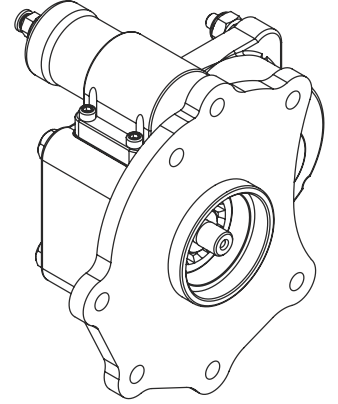
614 - 814 - 815 - 817 - 818 - 823 - 925 - 1017 - 1328 - 1215 - 1217 - 1223 - 1225 - 1317 - 1323 - 1328 - 1517 - 1523 - 1618 - 1623 - 1823 ATEGO

<b>P.T.O. KODU</b> P.T.O. CODE	<b>TORK</b> TORQUE	<b>GÜÇ (1000 rpm)</b> POWER
<b>17516238366</b>	23,5 Kg 230,5 Nm	-- Hp 12 Kw
<b>DEVİR</b> SPEED	<b>ORAN</b> RATIO	<b>AĞIRLIK</b> WEIGHT
500 rpm 500 rpm	1/1 1/1	8 Kg -- lb
<b>BAĞLANTI</b> MOUNTING	<b>KUMANDA</b> CONTROL	<b>DÖNÜŞ*</b> PTO ROTATION
Kuyruk Rear	Havalı Pneumatic	Sağ - ISO Right - ISO



**MERCEDES ATEGO - 2 / 7 DELİKLİ**  
MERCEDES ATEGO - 2 / 7 DELİKLİ

KODU / CODE: 17516738399



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZİMAN / MAIN GEARBOX**

G 60-6 (9,20) / G85-6 (6,70),

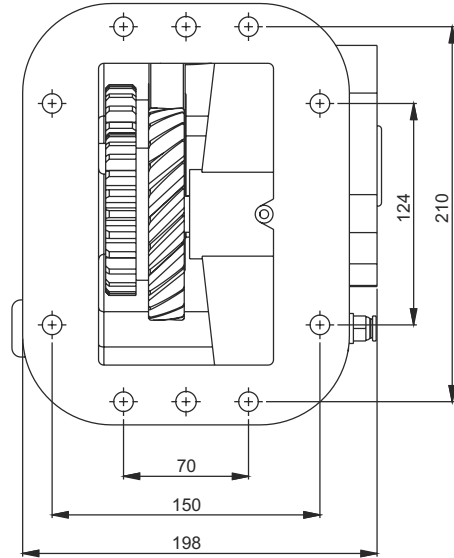
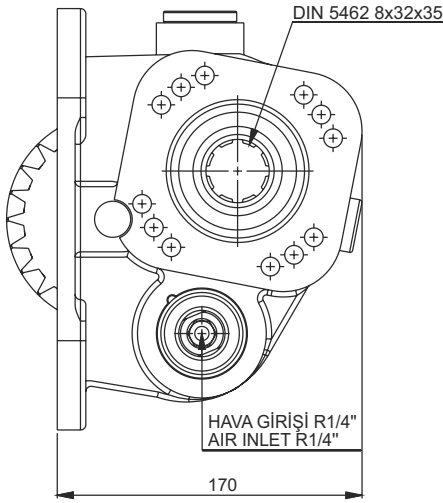
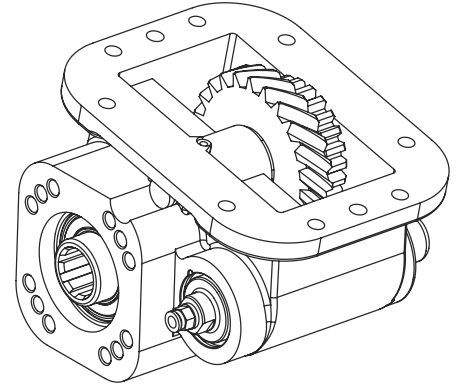
**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

614 - 814 - 815 - 817 - 818 - 823 - 925 - 1017 - 1328 - 1215 - 1217 - 1223 - 1225 - 1317 - 1323 - 1328 - 1517 - 1523 - 1618 - 1623 - 1823 ATEGO

P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
17516738399	26,5 Kgm 265,5 Nm	- Hp 14,9 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
650 rpm 650 rpm		12 Kg -- lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Kuyruk Rear	Havali Pneumatic	Sol - ISO Left - ISO

**SCANIA GR 900**  
SCANIA GR 900

KODU / CODE: 17541128366



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZİMAN / MAIN GEARBOX**

GR 900 / GRH 900

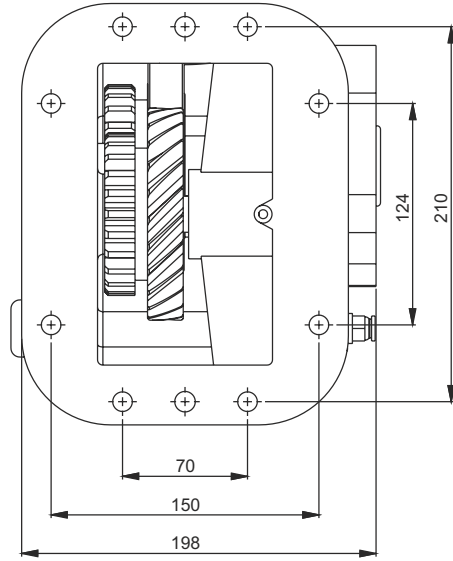
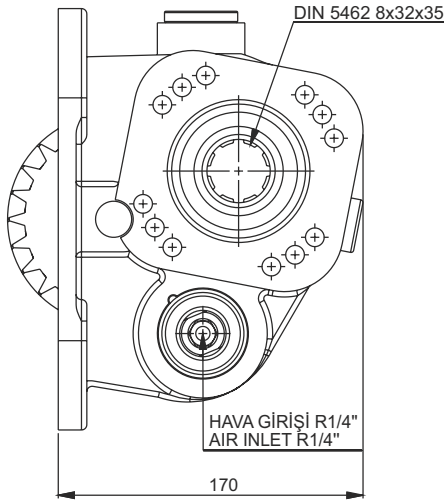
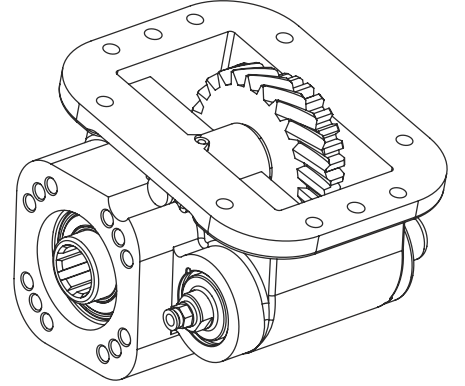
**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

94 C 310 - 124 C 360-R 124 G 360-124 G 360-143H450CV- 143M400CV - 260H-143H - P113M P114-GA380 - 114P - 124R - 113P - 114R - 113H 360 SCANIA

P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
<b>17541128366</b>	25 Kgm 245 Nm	45,3 Hp 33,8 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
1065 rpm 1065 rpm	1/0,78 1/0,78	22,5 Kg -- lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Sağ - Yan Right - Side	Havalı Pneumatic	Sağ - ISO Right - ISO

**SCANIA GRS 900**  
SCANIA GRS 900

KODU / CODE: 17542128366



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZİMAN / MAIN GEARBOX**

GRS 900 / GRS 890 / GRS 920

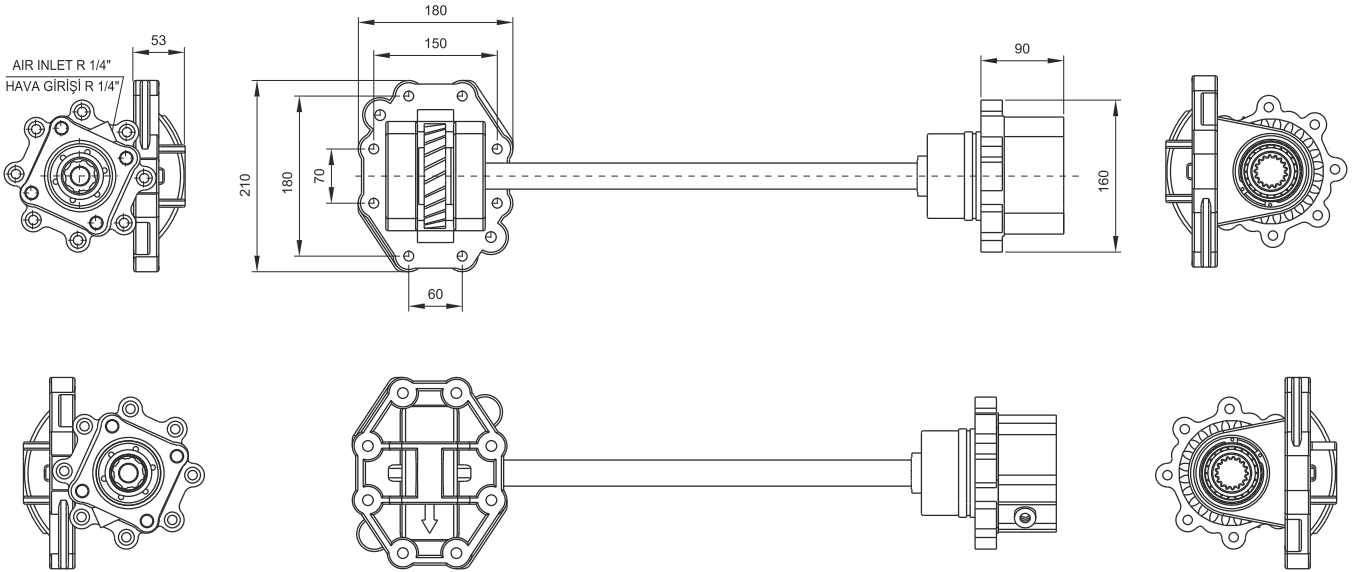
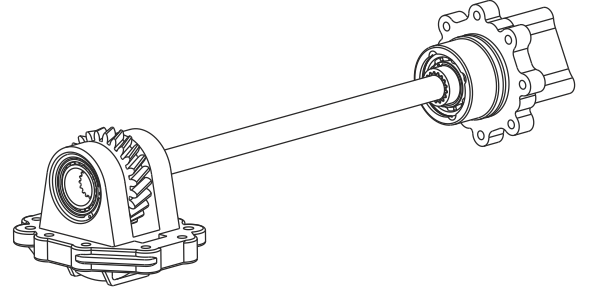
**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

124 G 420-113-124 L 400-144 L 530-124 LA 420-144 LA 460 - 144 LA 530-R124 LA 420 R 124 - GA  
420-143H-143M-143,400-143,450 - 143,500-R580-R124GA / CB-R164 GA SCANIA

P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
17542128366	25 Kg 245 Nm	45,3 Hp 33,8 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
1065 rpm 1065 rpm	1/0,78 1/0,78	22,5 Kg -- lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Sağ - Yan Right - Side	Havali Pneumatic	Sağ - ISO Right - ISO

**SCANIA GRS 905**  
SCANIA GRS 905

KODU / CODE: 17543138399



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZIMAN / MAIN GEARBOX**

GR 905 / GRS 905

**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

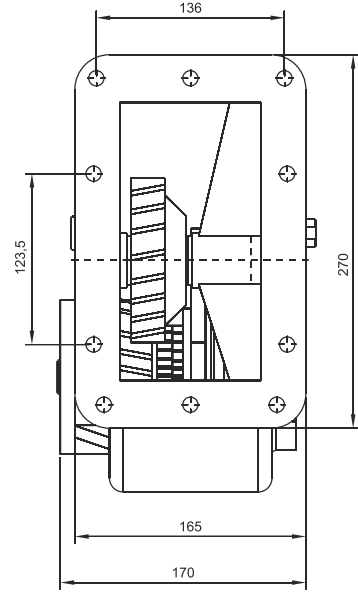
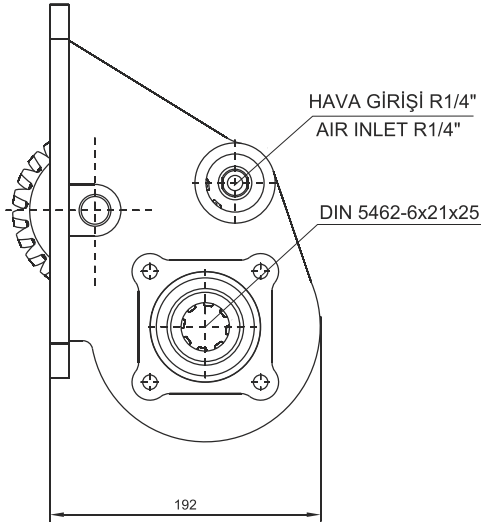
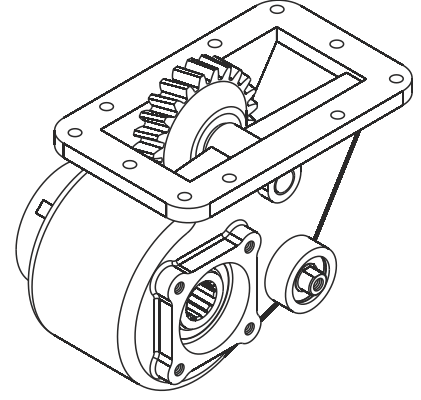
R420 - G420 EURO 5 SCANIA

P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
17543138399	22,5 Kgm 436 Nm	56,8 Hp 42,4 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
1250 rpm 1250 rpm	1/1 1/1	22,5 Kg 51,8 lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Kuyruk Rear	Havali Pneumatic	Sol - Yan Left - Side

**SCANIA GR 871**

SCANIA GR 871

KODU / CODE: 17544128366



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZİMAN / MAIN GEARBOX**

GR 870 - 871 SCANIA

**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

P92 - 93 - 111 - 112C - 113R - 114H - 142M - 144L - 93H - 280R - 113M - SCANIA

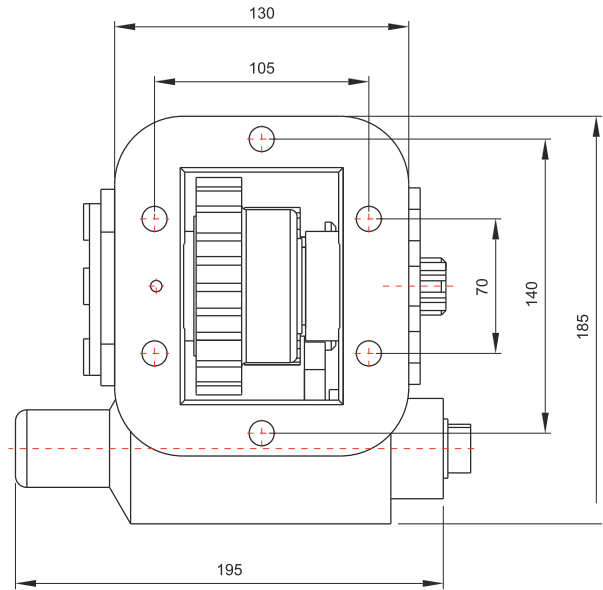
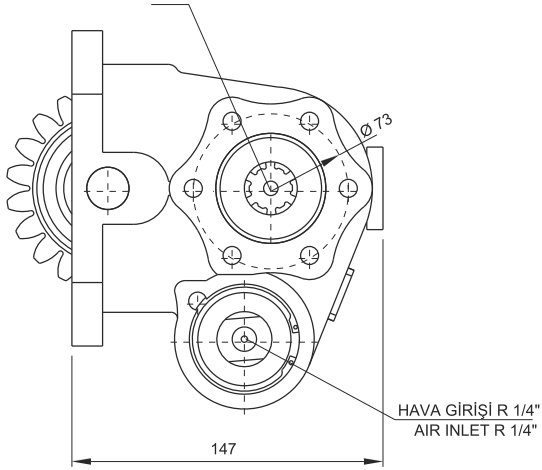
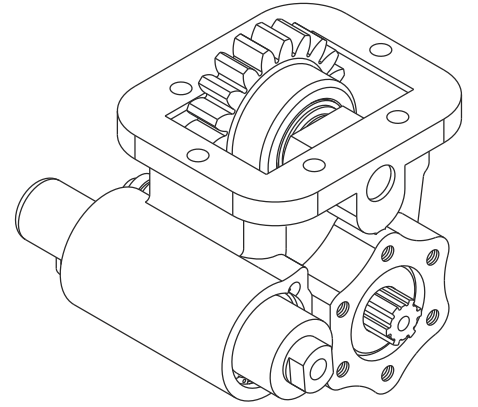
P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
<b>17544128366</b>	29 Kgm 284 Nm	37,5 Hp 27,6 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
1000 rpm 1000 rpm	1/0,78 1/0,78	22,5 Kg 49,6 lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Sağ Yan Right Side	Havalı Pneumatic	Sağ - ISO Right - ISO

**EATON - HEMA 475 L-R (SAĞ-SOL-YAN)**

EATON - HEMA 475 L-R (RIGHT - LEFT SIDE)

**SAG KODU / RIGHT CODE: 17551128166**

**SOL KODU / LEFT CODE : 17551128199**



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZİMAN / MAIN GEARBOX**

EATON - HEMA 475 L SML - SMA - SMO - SME - CMA - CMO

**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

105.08-110.08-145.22 FATİH / 2014-2114 FORD CARGO  
AS 600 DODGE / 1800 INTER / 1210-1212-1312 FORD (83-86)  
1812-1814-2117-2517- FORD (86) 140-1340 BMC / GENETO 570

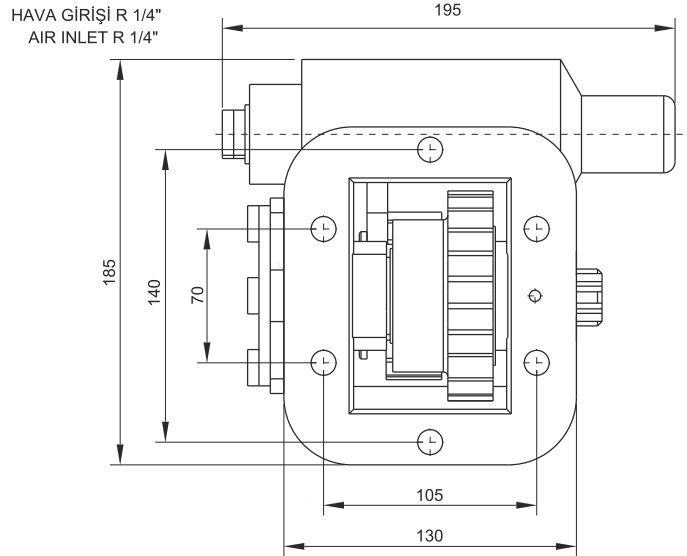
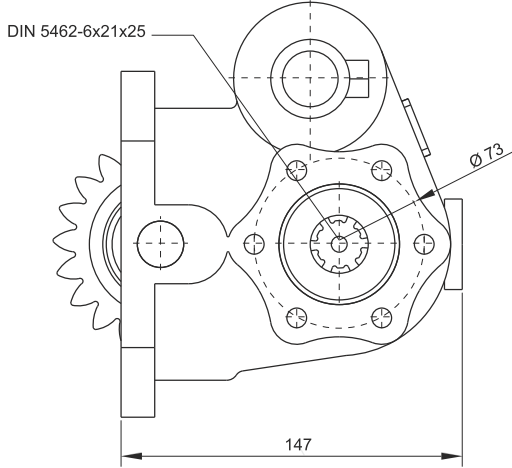
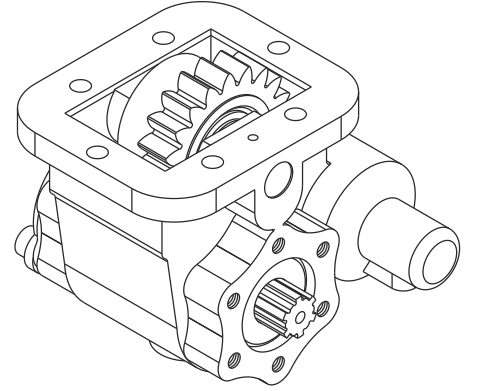
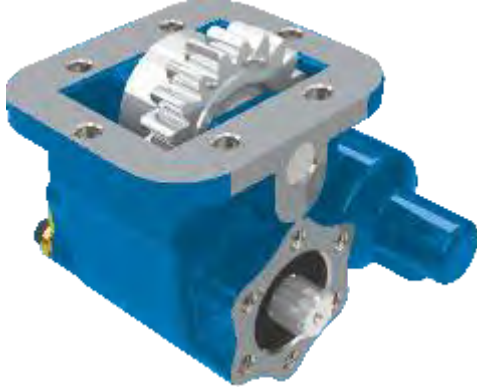
P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
17551128166-R 17551128199-L	23 Kgm 225 Nm	15,8 Hp 11,8 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
500 rpm 500 rpm	1/1,5 1/1,5	11 Kg 24,3 lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Kuyruk Rear	Havalı Pneumatic	Sol Left- UNI Sağ Right - UNI

**EATON - HEMA 570 - L-R (SAĞ-SOL YAN)**

EATON - HEMA 570 L-R (RIGHT - LEFT SIDE)

**SAG KODU / RIGHT CODE:** 17552128166

**SOL KODU / LEFT CODE :** 17552128199



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZİMAN / MAIN GEARBOX**

EATON-HEMA 570-542-640 L SMA-SMS-SMR-SMH-SMJ-CMA-CMR

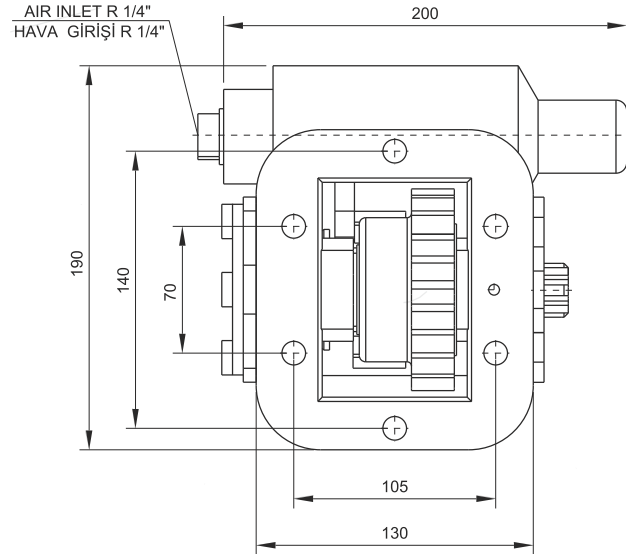
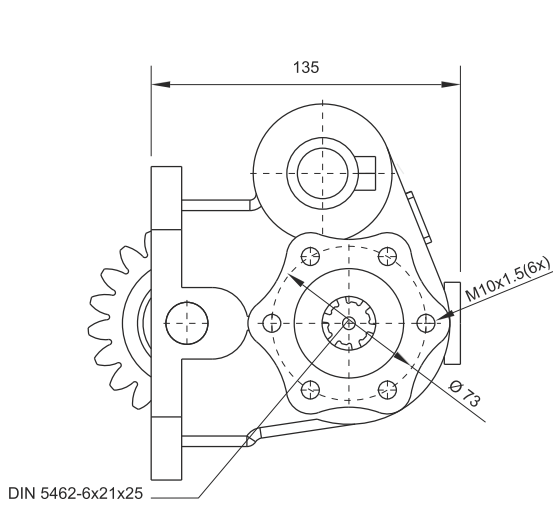
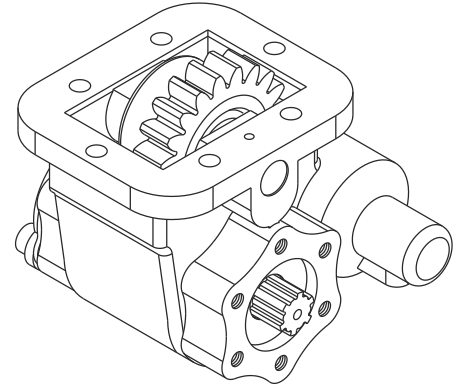
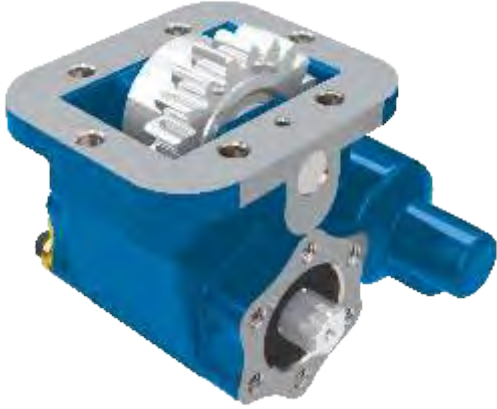
**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

162.22-162.25-170.25 FATİH / 2114-2116-2517 FORD CARGO  
BEDFORD GETENO / 1830 INTER

P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
<b>72582</b>	25 Kg 245 Nm	17,2 Hp 12,8 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
500 rpm 500 rpm	1/1,25 1/1,25	11 Kg 24,3 lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Yan Side	Havalı Pneumatic	Sol Left- UNI Sağ Right - UNI

**EATON 4106 YAN**  
EATON 4106 SIDE

KODU / CODE: 17561128166



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZİMAN / MAIN GEARBOX**

EATON FS/FSO/H/V/4106-5206 A/B/H

**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

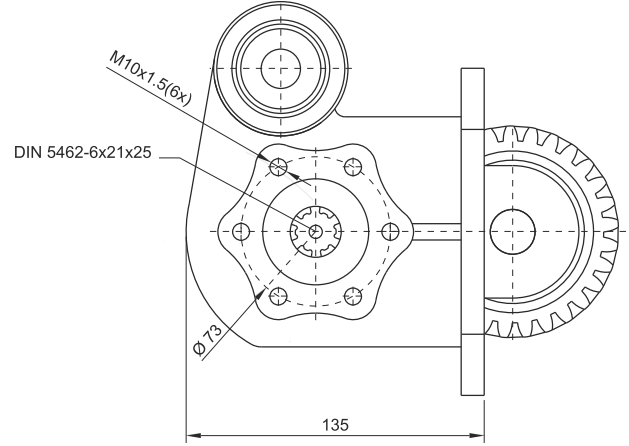
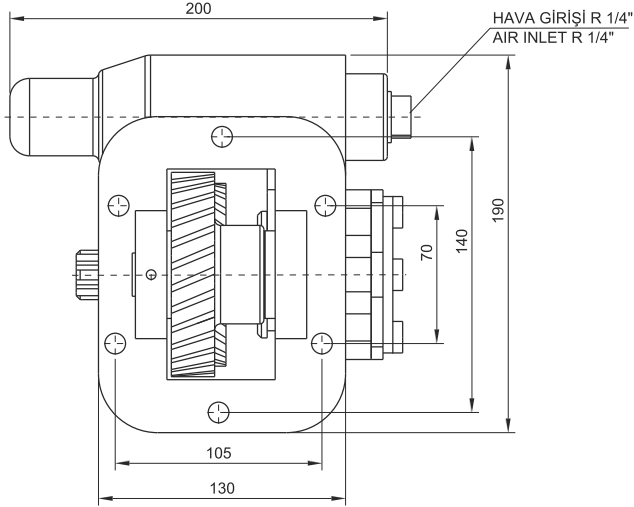
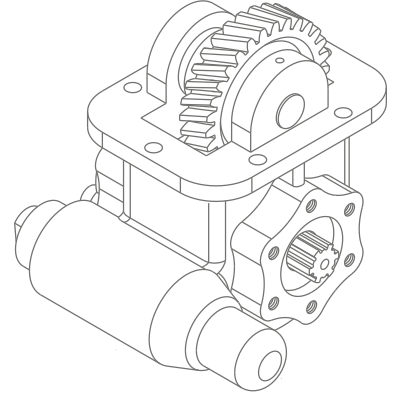
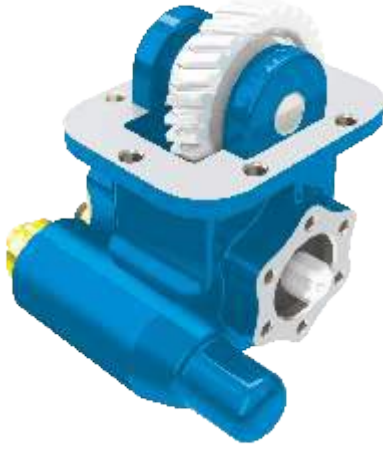
180-617-620-622 BMC PRO / 220.26-180 FATİH BMC  
2520 FORD CARGO / AS 950 / CHRYSLER 180.12-210-220 CD-320  
MIDLUM RENAULT / FODEN 2000 / ERF E6.18 / 1415-1718 FORD 8.163-8.224-18.224 MAN

P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
<b>17561128166</b>	21 Kg 206 Nm	10,7 Hp 8,1 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
375 rpm 375 rpm	1/1,25 1/1,25	11 Kg 24,3 lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Yan Side	Havali Pneumatic	Sağ - UNI Right - UNI



**EATON 4106 YAN HELİS**  
EATON 4106 SIDE HELIX

KODU / CODE: 17561158166



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZİMAN / MAIN GEARBOX**

EATON FS / FSO/H/V 4106 - 5206 A/B/H

**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

180 - 617 - 620 - 622 BMC PRO / 220.26-180 FATİH BMC 2520 FORD CARGO AS 950 / CHYRESLER  
180.12-210-220 CD - 320 MIDLUM RENAULT / FODEN 2000 / ERF E6.18 / 1415-1718 FORD  
8.163-8.224 - 18.228 MAN

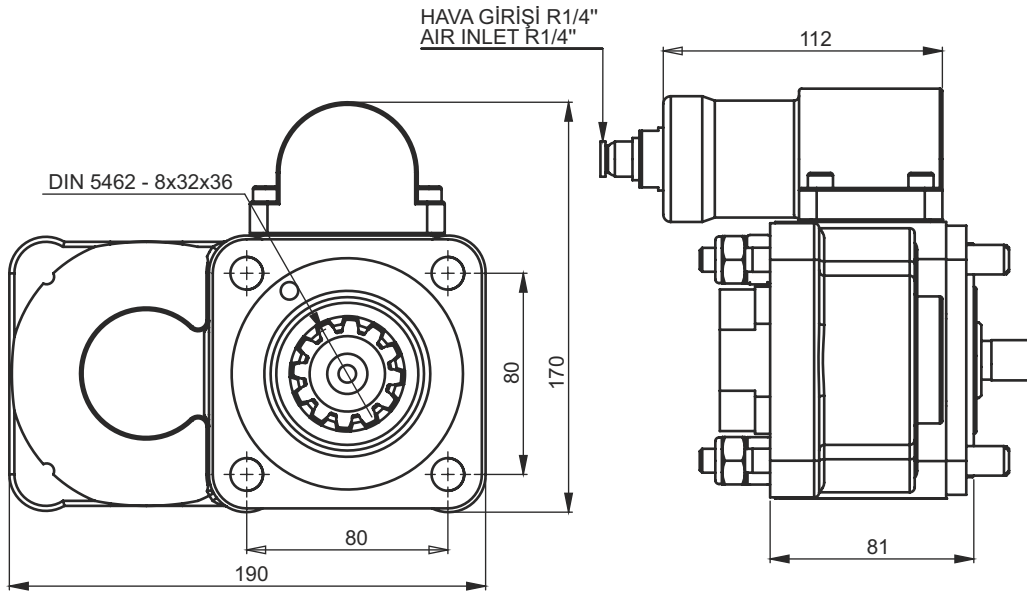
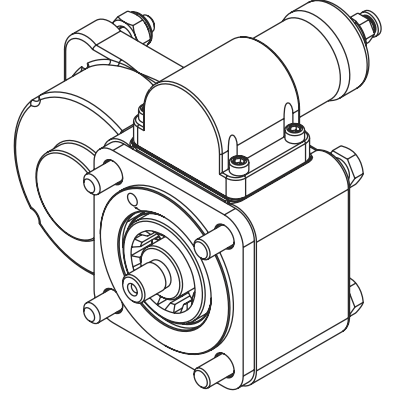
P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
<b>17561158166</b>	25 Kgm 245 Nm	26,8 Hp 20 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
750 rpm 750 rpm	1/1,16 1/1,16	13 Kg 28,7 lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Yan Side	Havalı Pneumatic	Sağ - UNI Right - UNI

**EATON - 4106 KUYRUK**  
EATON - 4106 REAR

KODU / CODE: 17561138399



**KAPLIN SEÇENEKLERİ**  
COUPLING OPTIONS



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZİMAN / MAIN GEARBOX**

EATON FS/FSO - H-V 4106 - 5106 A/B/H

**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

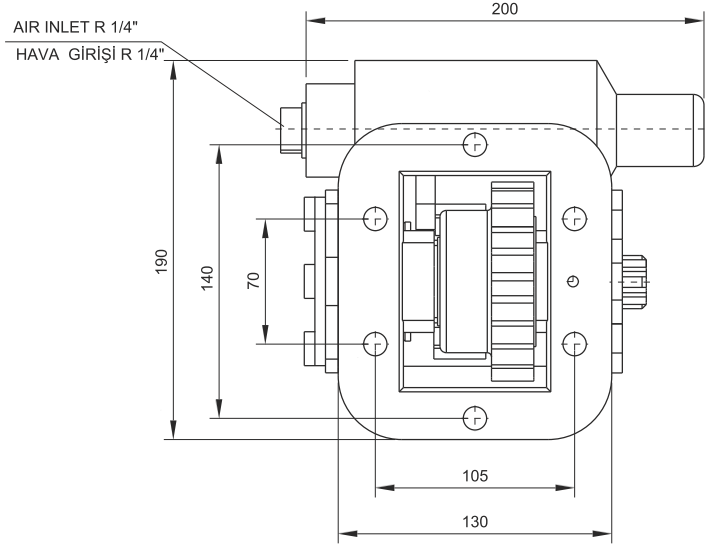
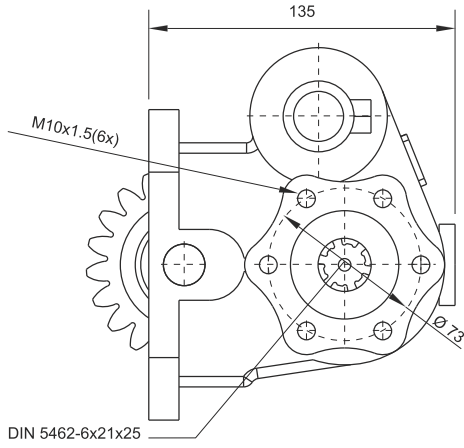
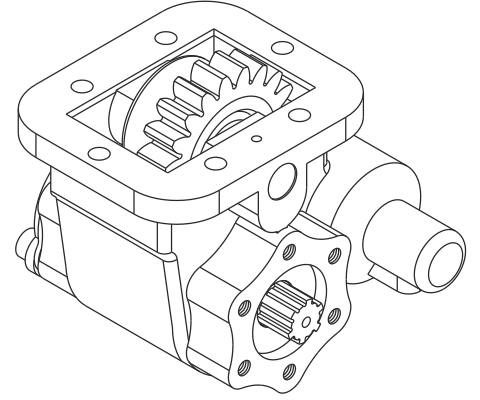
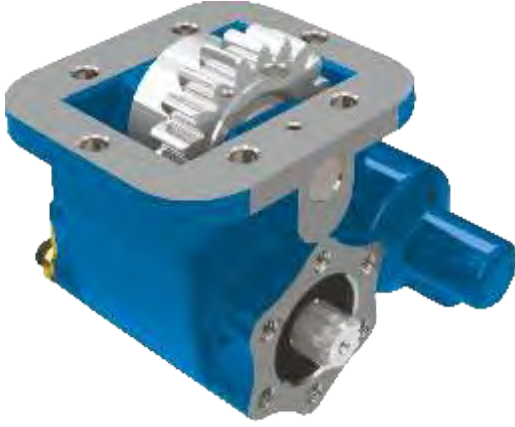
180 - 617 - 620 - 622 BMC PRO / 220.26-180 FATİH BMC 2520 FORD CARGO AS 950 / CHYRESLER  
180.12-210-220 CD - 320 MIDLUM RENAULT / FODEN 2000 / ERF E6.18 / 1415-1718 FORD  
8.163-8.224 - 18.228 MAN

P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
17561138399	26 Kgm 260 Nm	24,5 Hp 13,8 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
675 rpm 675 rpm	1/1,2 1/1,2	8 Kg - lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Kuyruk Rear	Havalı Pneumatic	Sol - ISO Left - ISO

**EATON 6109 - 8209 YAN**

EATON 6109 - 8209 SIDE

KODU / CODE: 17562128166



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZİMAN / MAIN GEARBOX**

EATON FS/FSV/FSO/H/V 6109-6209-8209-8309 A

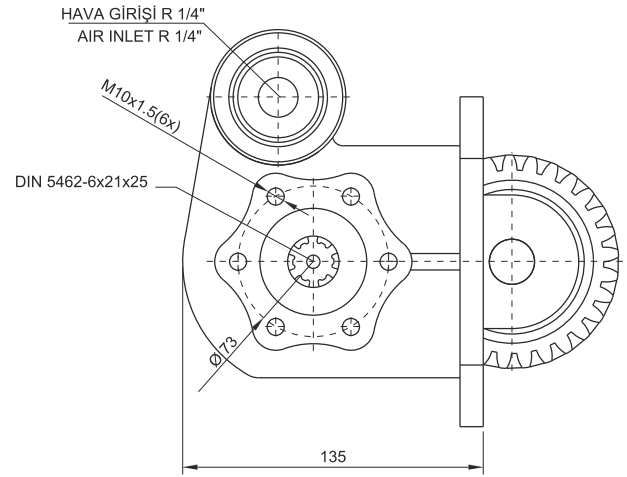
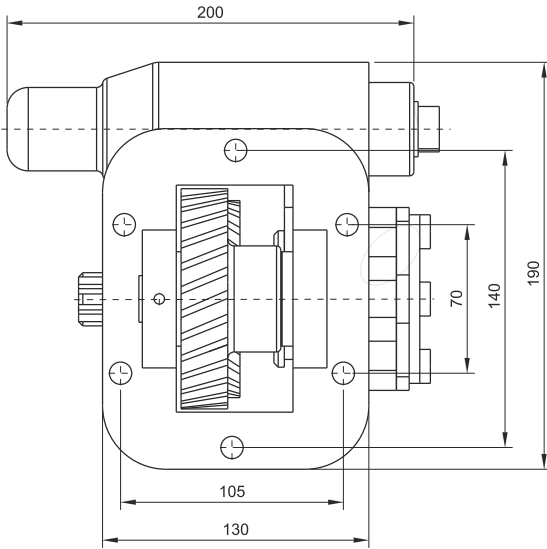
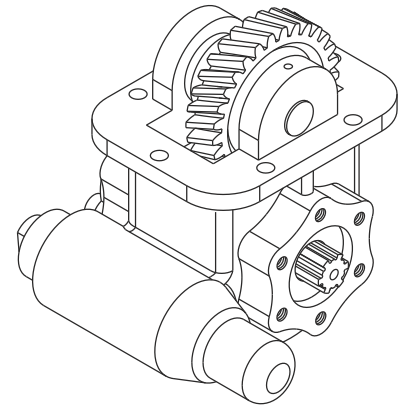
**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

214.26-220.26-280 FATİH / 2520L-2621 FORD CARGO  
522-822-620 BMC 280 / FODEN 3000 26.234-26.264-26.284 MAN 6x2  
EURO/SEDDON 211 / NISSAN CPC 16 / RENAULT MIDLUM 270 TATA  
LPTA 1621 TC 6x6 LPS 4021 TC

P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
<b>17562128166</b>	21 Kgm 206 Nm	10,8 Hp 8,1 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
375 rpm 375 rpm	4/5 4/5	11 Kg 24,3 lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Yan Side	Havalı Pneumatic	Sağ - UNI Right - UNI

**EATON 610 HELİS YAN**  
EATON 6109 HELIX SIDE

KODU / CODE: 17562158166



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZİMAN / MAIN GEARBOX**

EATON FS / FSV / FSO / H / V 6109 - 6209 - 8209 - 8309 A

**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

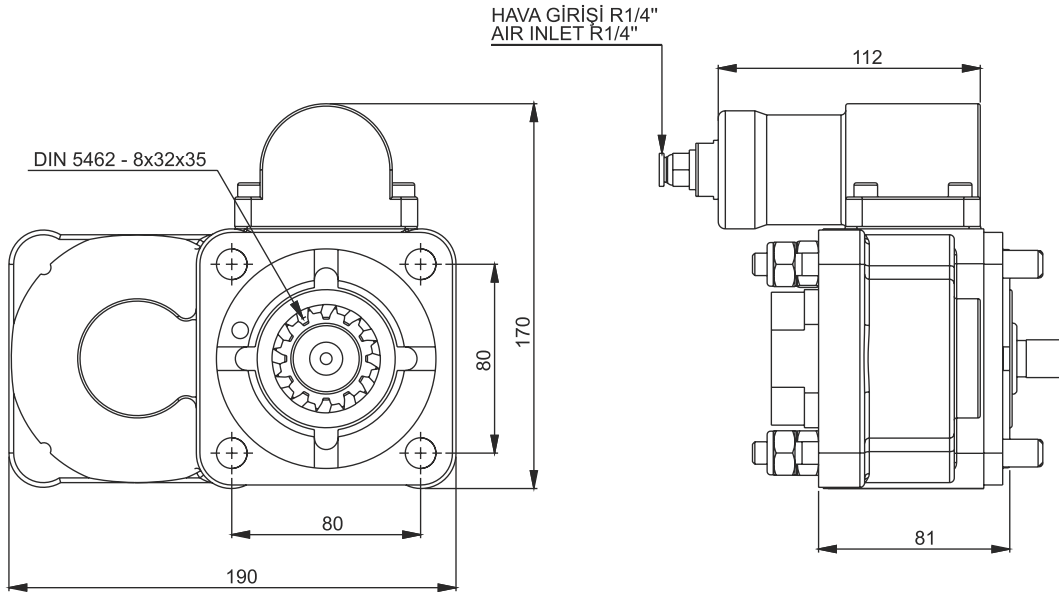
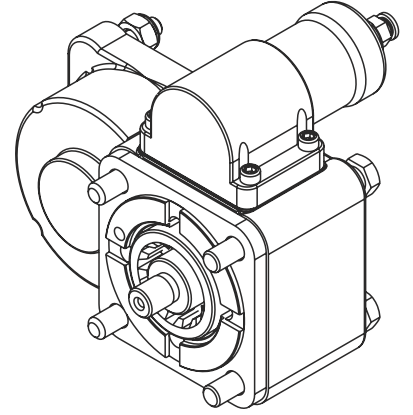
214.26-220.26-280 FATİH / 2520L-2621 FORD CARGO  
522-822-620 BMC 280 / FODEN 3000 26.234-26.264-26.284 MAN 6x2  
EURO/SEDDON 211 / NISSAN CPC 16 / RENAULT MIDLUM 270 TATA  
LPTA 1621 TC 6x6 LPS 4021 TC

P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
<b>17562158166</b>	26 Kgm 255 Nm	26,8 Hp 20 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
750 rpm 750 rpm	1/1,16 1/1,16	13 Kg 28,7 lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Yan Side	Havalı Pneumatic	Sağ - UNI Right - UNI

**EATON 6109 KUYRUK**

EATON 6109 REAR

KODU / CODE: 17561138399



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZİMAN / MAIN GEARBOX**

EATON FS / FSV / FSO/H/V 6109 - 6209-8209-8309 A

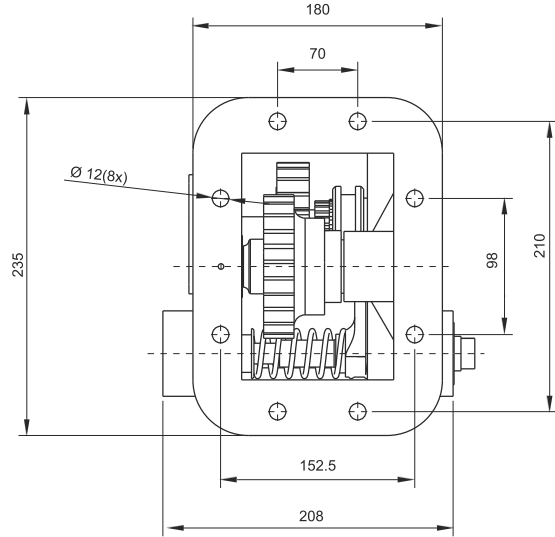
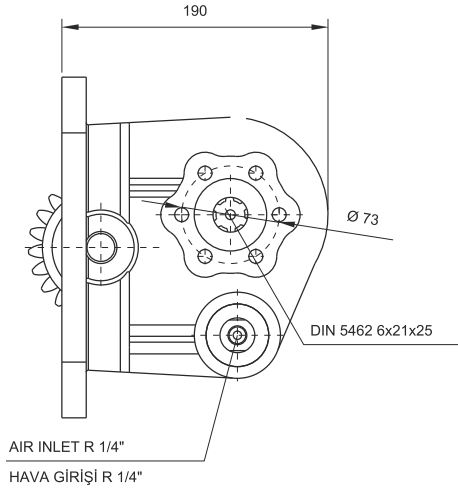
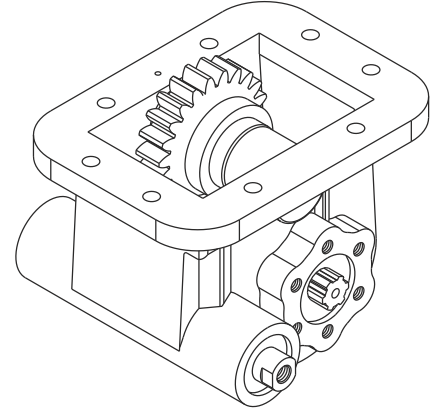
**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

214.26-220.26-280 FATİH / 2520L-2621 FORD CARGO  
522-822-620 BMC 280 / FODEN 3000 26.234-26.264-26.284 MAN 6x2  
EURO / SEDDON 211 / NISSAN CPC 16 / RENAULT MIDLUM 270 TATA  
LPTA 1621 TC 6x6 - LPS 4021 TC

P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
17561138399	26,5 Kgm 260 Nm	24,5 Hp 18,3 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
675 rpm 675 rpm	5/6 5/6	8 Kg - lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Kuyruk Rear	Havalı Pneumatic	Sol - UNI Left - UNI

**FULLER 11609 UNI ALT**  
FULLER 11609 UNI BOTTOM

KODU / CODE: 17571118166



**17571118166**

40 Kgm  
392,4 Nm

7,6 Hp  
43,1 Kw

RTO 11609 - 11613 - 11709 - 12709 - 14609  
MRTO/RTX 9509 - 9513 - 9710 - 11509 - 14613 - 15613 - 15615 A/B/H

19.361 - 266.321 - 26.240 - 26.280 MAN  
180.24 - 280.26 - 190.26 - 190.30 - 190.35 - 190.42 198.38 - 240.36 - 330.26 - 330.35 - 380E30 IVECO 270-26 FATİH BMC  
DAF 85-2605 - 28002815- 3030 - 3300 - 3300 - 3600 - 4400 ERF E6-E8E12-EC 14  
LEYLAND / FODEN 4000 / MAGIRUS / 19.320 - 30.280 MAN / FIAT 619 - 697

1050 rpm  
1050 rpm

1/1  
1/1

19 Kg  
- lb

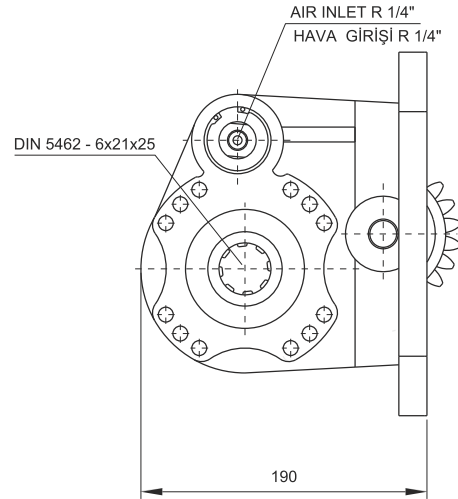
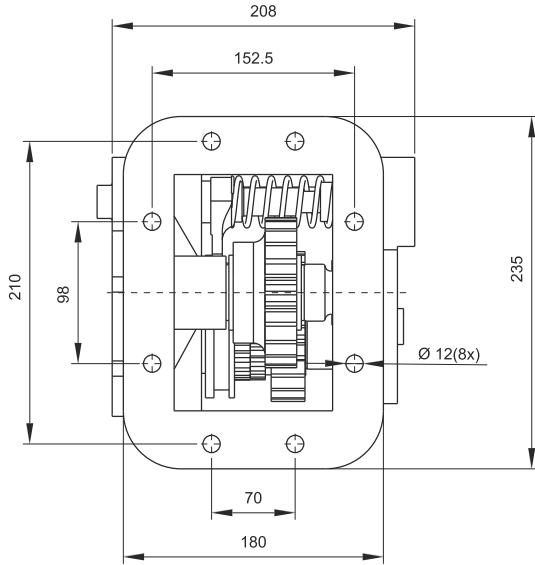
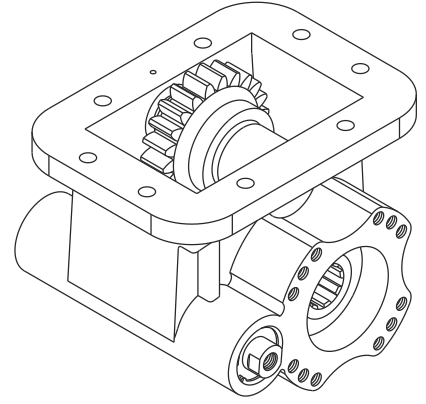
Alltan  
Bottom

Havalı  
Pneumatic

Sağ - UNI  
Right - UNI

**FULLER 11609 ISO ALT**  
FULLER 11609 ISO BOTTOM

KODU / CODE: 17571118366



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZİMAN / MAIN GEARBOX**

RT0 11609 - 11613 - 11709 - 12709 - 14609  
MRTO/RTX 9509 - 9513 - 9710 - 11509 - 14613 - 15613 - 15615 A/B/H

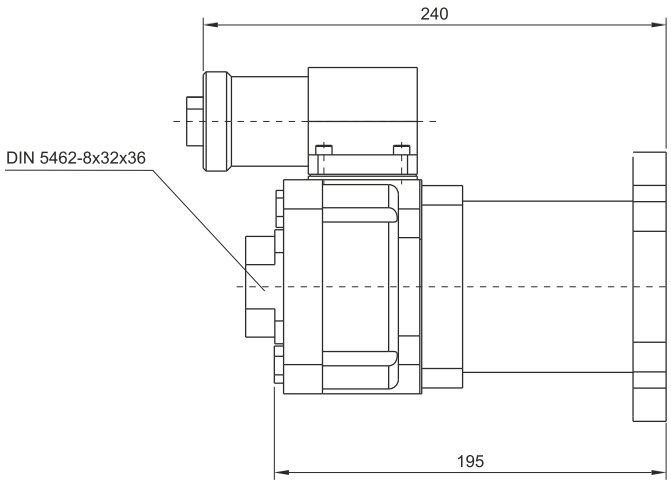
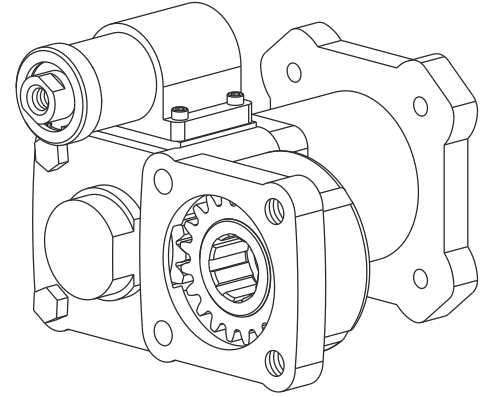
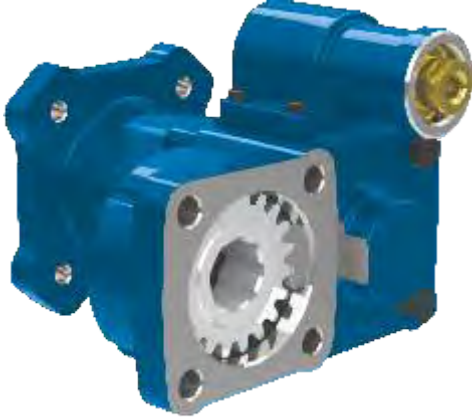
**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

19.361 - 26.321 - 26.240 - 26.280 MAN  
180.24 - 280.26 - 190.26 - 190.30 - 190.35 - 190.42 198.38 - 240.36 - 330.26 - 330.30 - 330.35 - 380E30 IVECO /  
270-26 FATİH BMC  
DAF 85-2605 - 2800 - 2815- 3030 - 3300 - 3330 - 3600 - 4400 ERF E6 - E8 - E12 - EC 14  
LEYLAND / FODEN 4000 / MAGIRUS / 19.320 - 30.280 MAN / FIAT 619 - 697

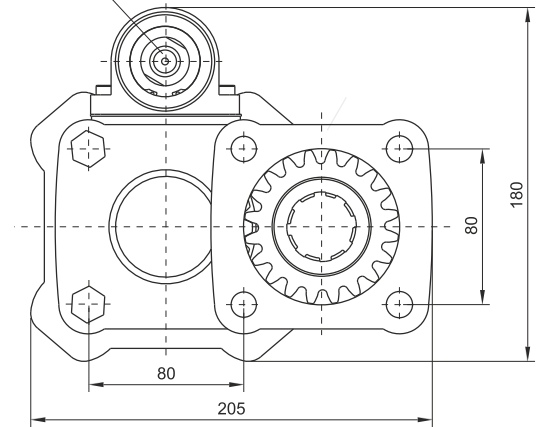
P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
<b>17571118366</b>	40 Kgm 392,4 Nm	57,8 Hp 43,1 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
1050 rpm 1050 rpm	1/1 1/1	19 Kg - lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Alltan Bottom	Havalı Pneumatic	Sağ - UNI Right - UNI

**FULLER 11609 KUYRUK**  
FULLER 11609 REAR

KODU / CODE: 17571138399



AIR INLET R 1/4"  
HAVA GİRİŞİ R 1/4"



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZİMAN / MAIN GEARBOX**

EATON FULLER RT-RTF-RTO-RTX-RTOF-RTOX-MRT11609A-B-RT-RTX-RTO-RTLO-RTOO-RTOOF-RTOOX 11509-14613-15613-15615-A-B-H / RTO-RTX 11709,12609 / RTO 11608 LL / RTX 11613-B/RT-RTX 11709 H-B / RT-RTF 910 / RTO 910 / RT1110 / RTO 1110 / RT 7609 / RTO-RTX 7609 / RT-RTO 7613 / RT-RTF 9509 A-C-RT-RTF-MRT-MRTO-RTO-RTOF 9509, 9513, 9710 A-B-RT-RTO-RTX 12509,12513,12709 H, 12710- B/RT-RTF-RTO-RTOF-RTLO-RTX 14608 LL, 14609, 14613, 14710E

**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

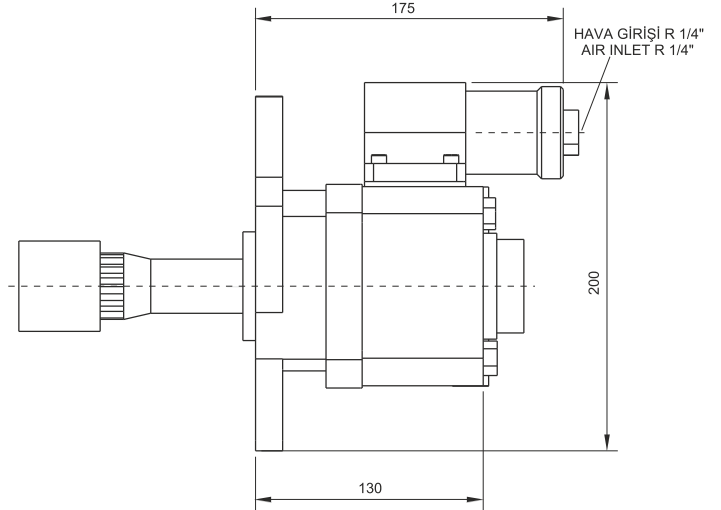
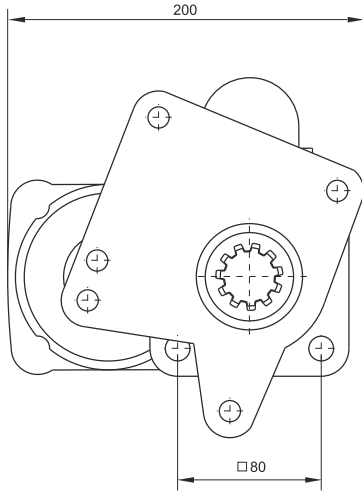
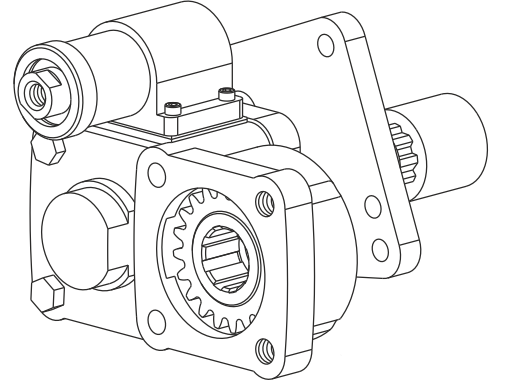
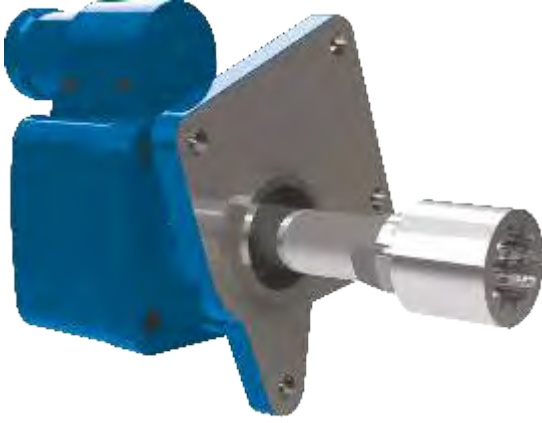
19.361-26.321-26.240-26.280 MAN / 180.24-180.26-190.26-190.30 - 190.35-190.42-198.38-240.36-330.26-330.30-330.35-380E30 IVECO / 270-26 FATİH BMC / DAF 85-2605-2800-2815-3030-3300-3330 - 3600-4400 / ERF E6-E8-E12-EC 14 / LEYLAND / FODEN 4000 / MAGIRUS / 19.320-30.280 MAN / FIAT 619-697

P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
<b>17571138399</b>	26,5 Kg 260 Nm	32,9 Hp 24,5 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
900 rpm 900 rpm	1/1,2 1/1,2	14 Kg 30,9 lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Kuyruk Rear	Havali Pneumatic	Sol - ISO Left - ISO



**FULLER 17316 KUYRUK**  
FULLER 17316 REAR

KODU / CODE: 17572138399



GENEL BİLGİLER / GENERAL DATA

ANA ŞANZİMAN / MAIN GEARBOX

RTSO 12316-14316-15316-17316 A

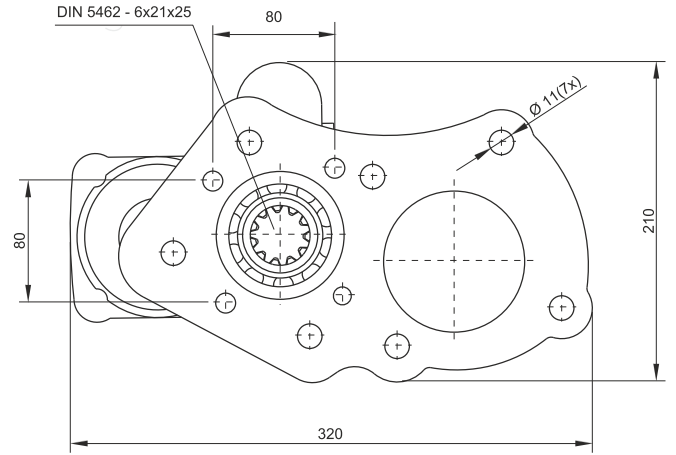
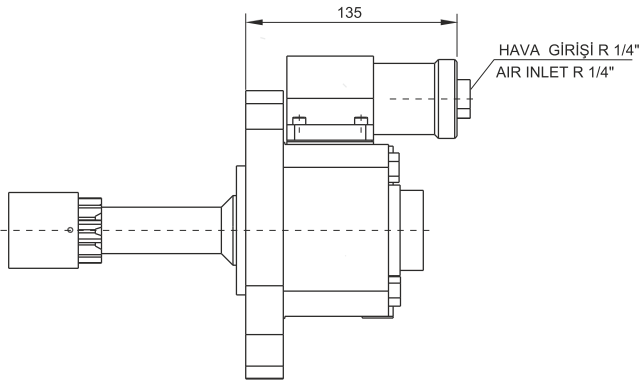
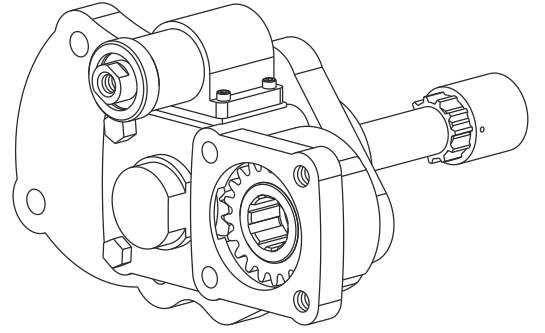
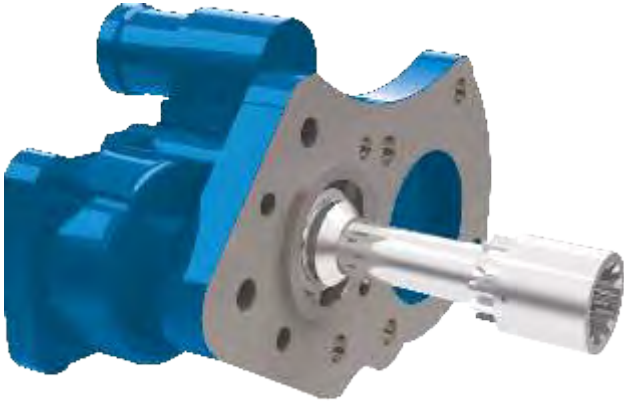
KULLANILAN BAZI ARAÇLAR / USED VEHICLES

19.463 SILENT  
19.314-19.364-19.414-19.464-18.403-35.403-21.314-24.417-27.364 MAN  
35.314-35.414-37.464-41.414-41.603-41.464-50.414 MAN

P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
<b>17572138399</b>	24 Kg 235,4 Nm	30,6 Hp 22,9 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
1000 rpm 1000 rpm	1/1,2 1/1,2	13 Kg - lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Kuyruk Çift Dişli Rear	Havalı Pneumatic	Sol - ISO Left - ISO

**FULLER 15612 KUYRUK**  
FULLER 15612 REAR

KODU / CODE: 17573138399



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZİMAN / MAIN GEARBOX**

EATON - FULLER 11612 - 12612 - 13612 - 15612 - 14607 - 16612 A/H

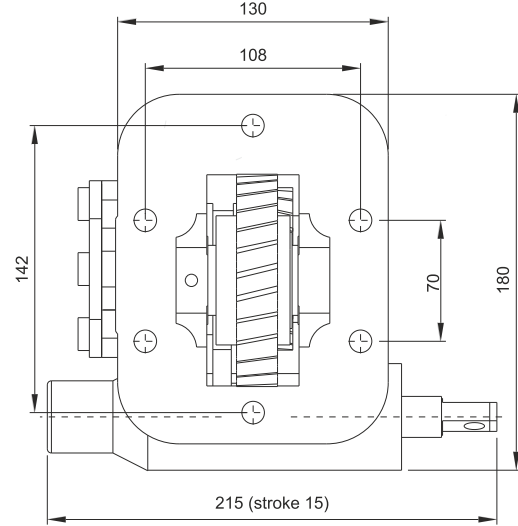
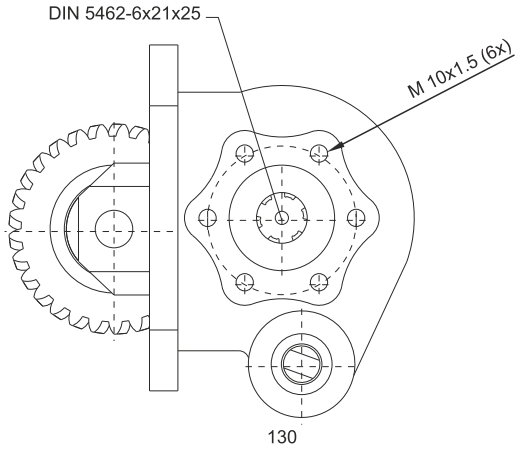
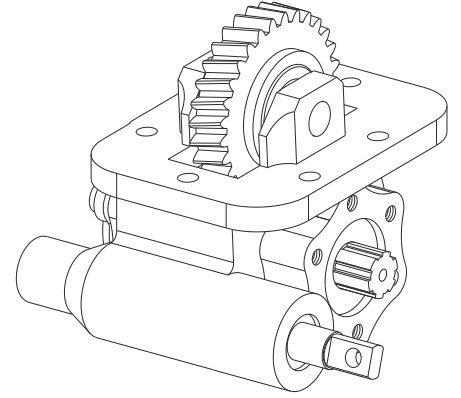
**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

440E42 - 720E37 EUROTECH - EUROTRACKER - EUROSTAR / LEYLAND  
80.330-85.330-85.400 DAF / 190.36-240.36 IVECO / FODEN 4275  
SEDDON ATKINSON 3.11 L 25 / ERF E 14.35 TT / 400E34 IVECO

P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
<b>17573138399</b>	26,5 Kg 260 Nm	24,5 Hp 8,3 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
675 rpm 675 rpm	1/1,2	16 Kg 35,3 lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Kuyruk Rear	Havalı Pneumatic	Sol - ISO Left - ISO

**ISUZU MSB 5S MEKANİK - VAKUM**  
ISUZU MSB 5S MECHANIC - VACUM

MEKANİK KODU / MECHANIC CODE: 17581127166  
VAKUM KODU / VACUM CODE : 17581129166



GENEL BİLGİLER / GENERAL DATA

ANA ŞANZİMAN / MAIN GEARBOX

MSB-5S / MSB-5M / MSB-5G / MOA-89 / MSB-5R

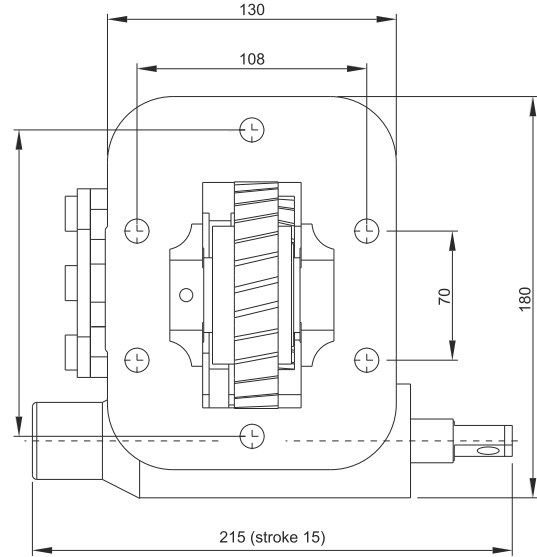
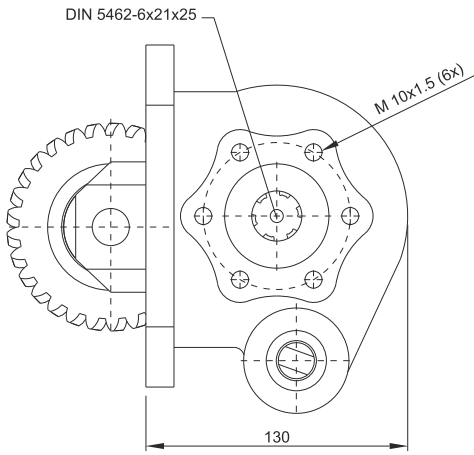
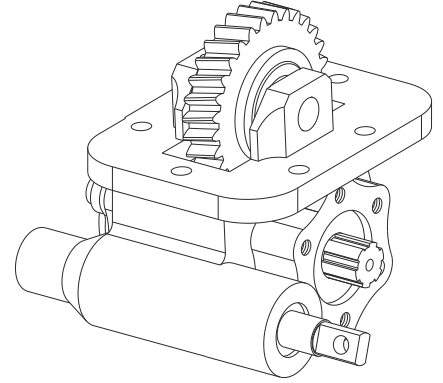
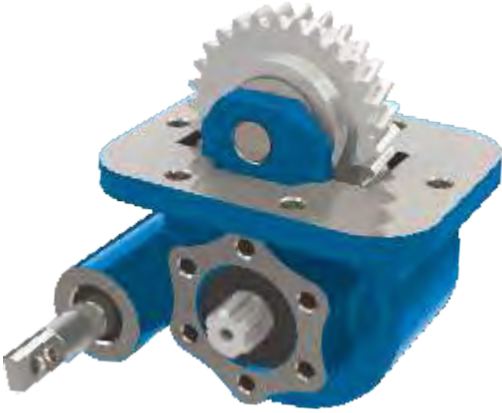
KULLANILAN BAZI ARAÇLAR / USED VEHICLES

NKR 2.8 ISUZU LOW / NKR 55 LOW / NHR 55 E / CARRIER 250 T

P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
<b>17581127166-M</b>	16,6 Kg <sub>m</sub>	14,2 Hp
<b>17581129166-V</b>	162,8 Nm	10,6 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
600 rpm	1/1,34	11 Kg
600 rpm	1/1,34	24,3 lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Yan Side	Mekanik / Mechanic Vakumlu / Vacum	Sağ - UNI Right - UNI

**ISUZU MSA 5P MEKANİK - VAKUM**  
ISUZU MSA 5P MECHANIC - VACUM

**MEKANİK KODU / MECHANIC CODE:** 17582127166  
**VAKUM KODU / VACUM CODE :** 17582129166



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZİMAN / MAIN GEARBOX**

MSA-5P / MSA-5G / SMA-5P / MSA-5D

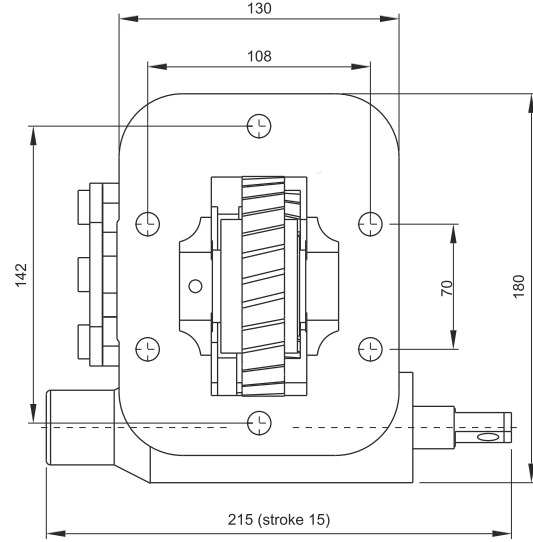
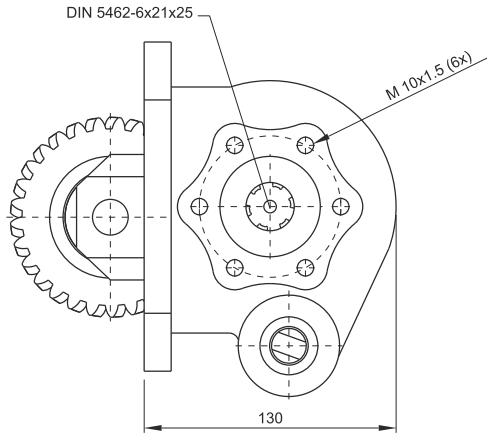
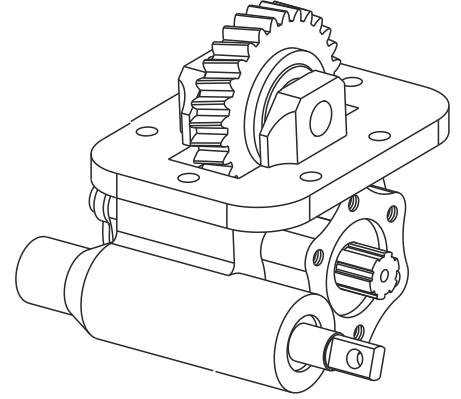
**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

KS 11-KS 20-KS 32 - 8.8 WIDE DIESEL - NKR 55 L / 3.3 IRAN ISUZU  
NKR - NHR - NPR 3.6 / 3.9 ISUZU - JAC HVC SAH 1063 (LC 5 T 30)

P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
<b>17582127166-M</b> <b>17582129166-V</b>	18,2 Kgm 178,5 Nm	15 Hp 11,2 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
600 rpm 600 rpm	1/1,31 1/1,31	11 Kg 24,3 lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Sol Left	Mekanik / Mechanic Vakumlu / Vacum	Sağ - UNI Right - UNI

**ISUZU MXA 5R MEKANİK - VAKUM**  
ISUZU MXA 5R MECHANIC - VACUM

MEKANİK KODU / MECHANIC CODE: 17583127166  
VAKUM KODU / VACUM CODE : 17583129166



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZİMAN / MAIN GEARBOX**

MXA-5R / MXA-5S / MSA-5D / MSA-5S / MXA-6R / MXA-5C / MXA-5D

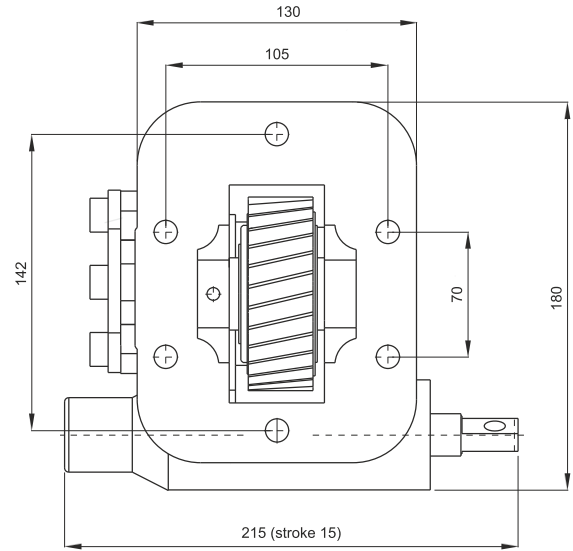
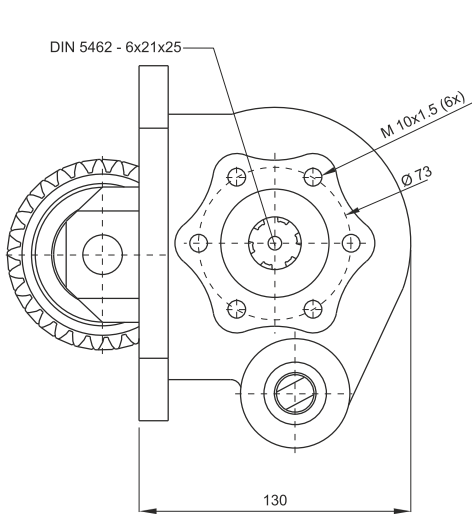
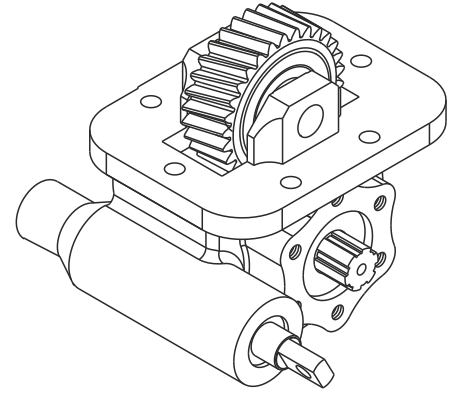
**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

NKR WIDE LX 100 HP - 4.3 NPR CHAMPION ISUZU / 3.2 NPR ISUZU  
NPR 66 / NHR 70 / NKR 66E / NPR 66P / NPR 300-400-400S  
FRR500 / ISUZU ELF 250

P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
17583127166-M	18,3 Kg <sub>m</sub>	15 Hp
17583129166-V	179,5 Nm	11,2 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
600 rpm	1/1,36	11 Kg
600 rpm	1/1,36	24,3 lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Sol Left	Mekanik / Mechanic Vakumlu / Vacum	Sağ - UNI Right - UNI

**ISUZU MOY CR MEKANİK - VAKUM**  
ISUZU MOY CR MECHANIC - VACUM

**MEKANİK KODU / MECHANIC CODE:** 17584127166  
**VAKUM KODU / VACUM CODE :** 17584129166



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZİMAN / MAIN GEARBOX**

MOY-9F / MOY-9H / MOYCR

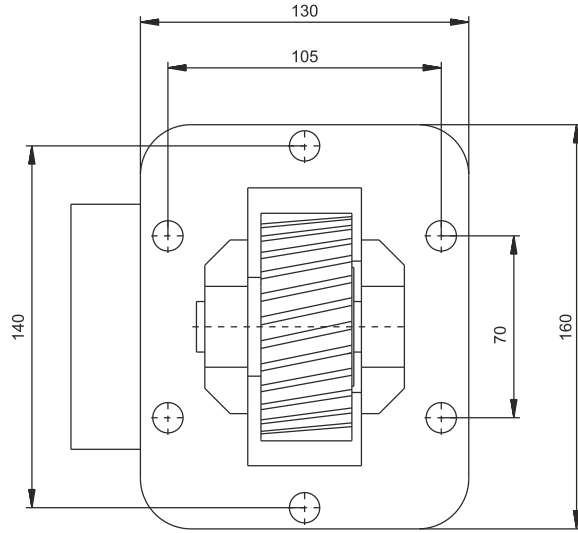
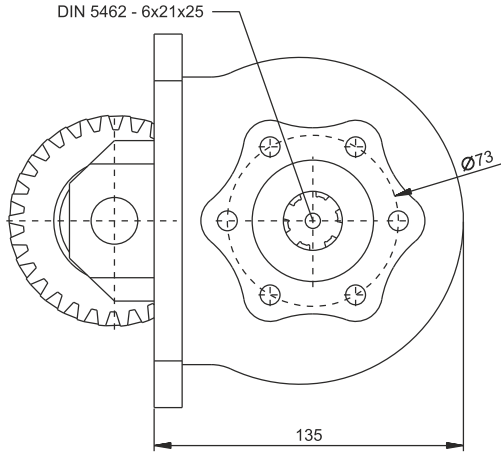
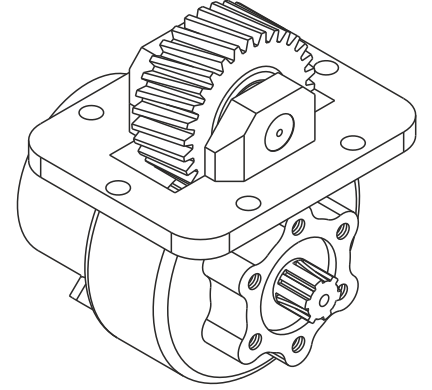
**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

4.3 NP 66-71-75-77 ISUZU CHAMPION (2005-2006) / NKR 250 / NKR 66 E2L

P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
<b>17584127166-M</b> <b>17584129166-V</b>	23 Kgm 225 Nm	29,4 Hp 22 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
1000 rpm 1000 rpm	1/1,03 1/1,03	13 Kg 28,6 lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Sol Left	Mekanik / Mechanic Vakumlu / Vacum	Sağ - UNI Right - UNI

**ISUZU MYY5T VAKUM**  
ISUZU MYY5T VACUM

KODU / CODE: 17585129166



GENEL BİLGİLER / GENERAL DATA

ANA ŞANZİMAN / MAIN GEARBOX

MYY-5T / MYY-6P / MYY-5A

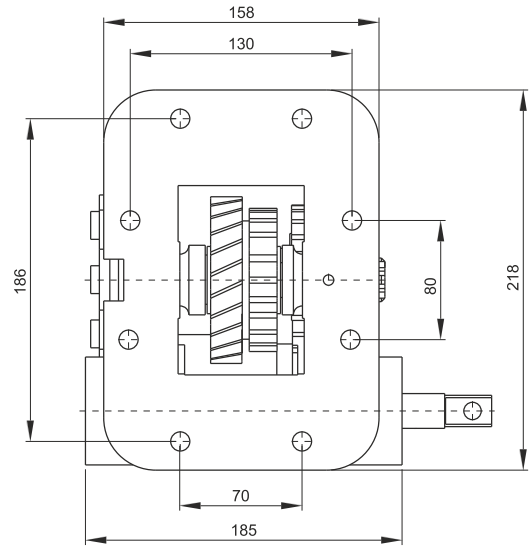
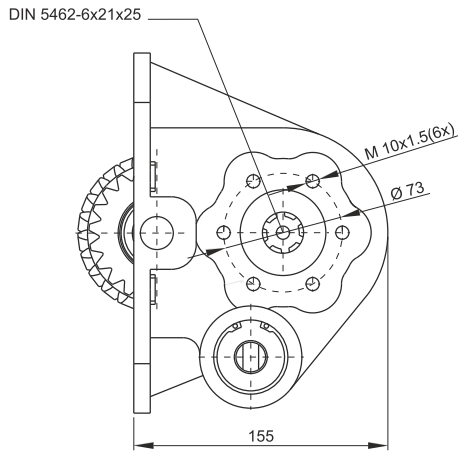
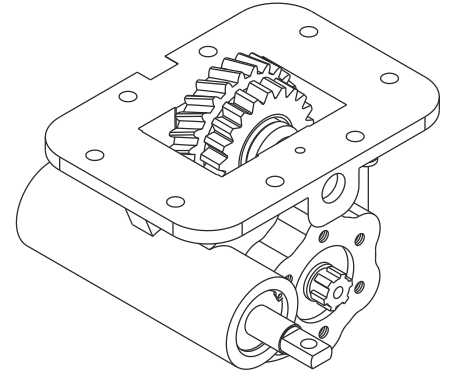
KULLANILAN BAZI ARAÇLAR / USED VEHICLES

4.3 NPR 70 ISUZU CHAMPION (2005) NKR 66 E-NPR 66 P-NQR 71-R

P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
<b>17585129166</b>	- Kg - Nm	- Hp - Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
625 rpm 625 rpm	1/1,03 1/1,03	13 Kg 28,65 lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Sol Left	Vakumlu Vacuum	Sağ - UNI Right - UNI

**ISUZU MBP 6P MEKANİK - VAKUM**  
ISUZU MBP 6P MECHANIC - VACUM

**MEKANİK KODU / MECHANIC CODE: 17586127166**  
**VAKUM KODU / VACUM CODE : 17586129166**



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZIMAN / MAIN GEARBOX**

MBP-6P / MBF-5C / MBG-6P-6Q / MBD-5A

**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

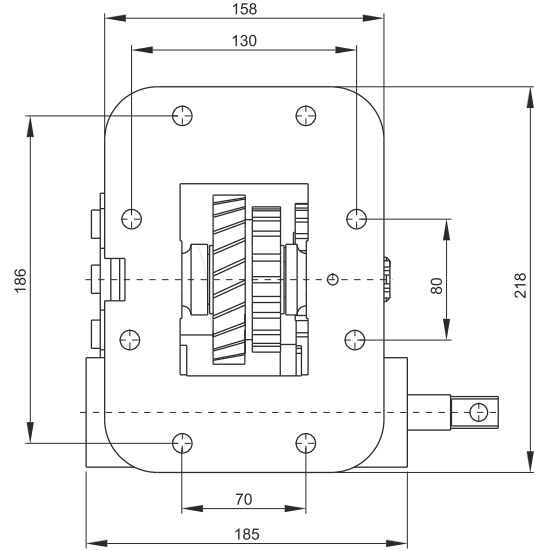
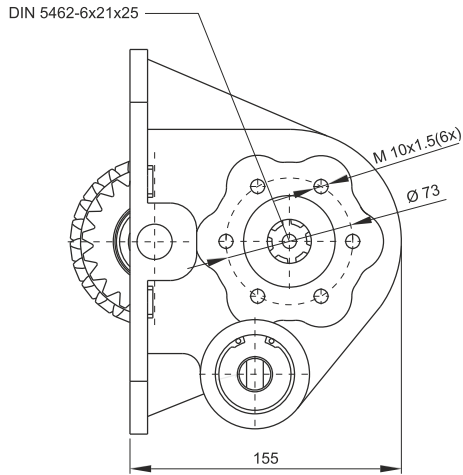
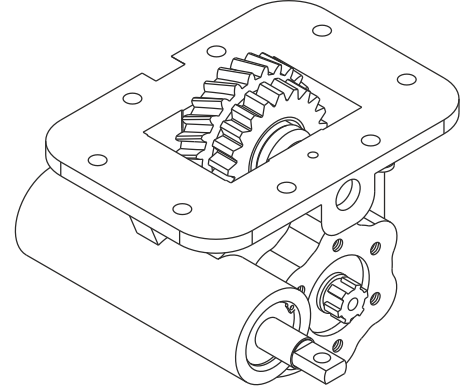
NQR 4.8 TURBO ISUZU / NQR 70 P

P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
17586127166 17586129166	18 Kg 176,6 Nm	14,2 Hp 10,6 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
550 rpm 550 rpm	1/0,95 1/0,95	13 Kg 28,7 lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Sol Left	Mekanik / Mechanic Vakumlu / Vacum	Sağ - UNI Right - UNI



**ISUZU MOZ 06 MEKANİK**  
ISUZU MOZ 06 MECHANIC

KODU / CODE: 17587127166



GENEL BİLGİLER / GENERAL DATA

ANA ŞANZİMAN / MAIN GEARBOX

MOZ-06 / MZZ-6U / MZZ-6W / MZZ-5L / MZZ-6C

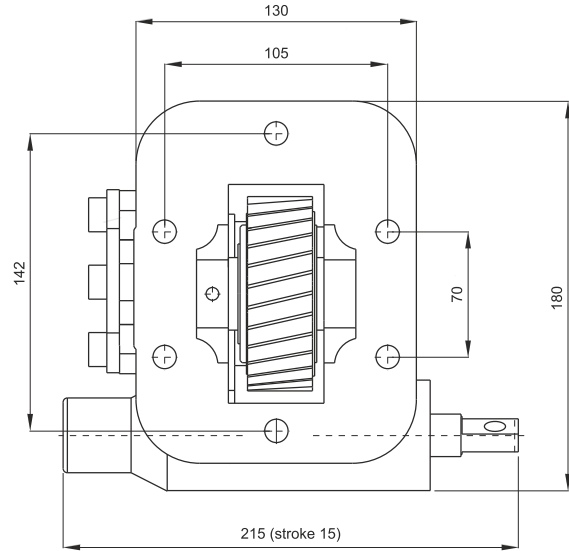
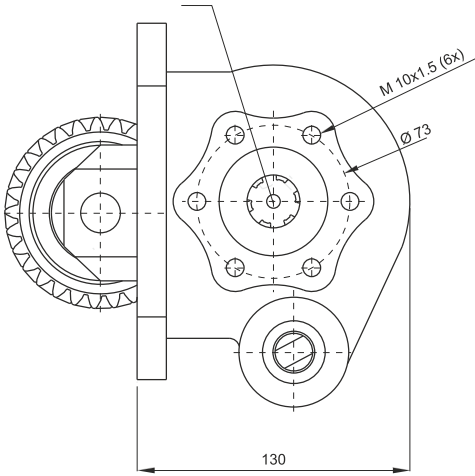
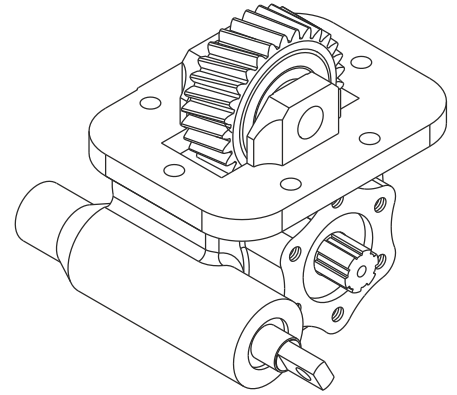
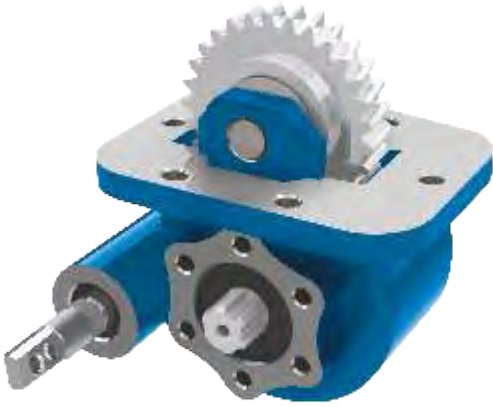
KULLANILAN BAZI ARAÇLAR / USED VEHICLES

NQR 4.8 3D TURBO ISUZU (2005)

P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
<b>17587127166</b>	212 Kgm 21,6 Nm	27,6 Hp 20,6 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
700 rpm 700 rpm	1/0,95 1/0,95	14 Kg 30,86 lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Sol Left	Mekanik Mechanic	Sağ - UNI Right - UNI

**ISUZU HINO MEKANİK**  
ISUZU HINO MECHANIC

KODU / CODE: 17588127166



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZİMAN / MAIN GEARBOX**

33111-2065 / 08 V 0484 / 07 L 108 / LE 05 S / LH 06 S

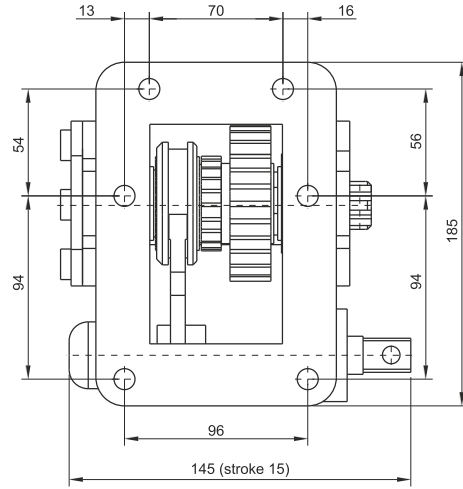
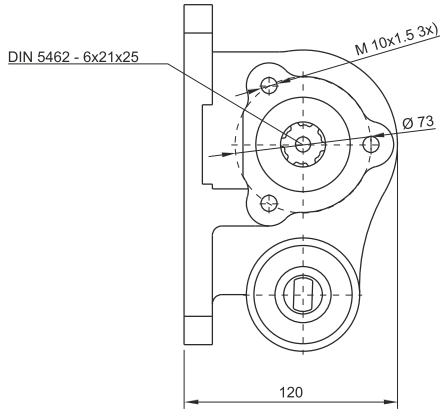
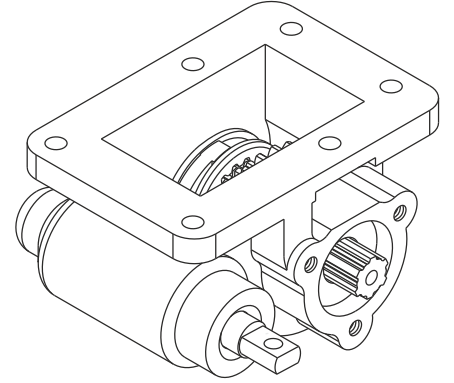
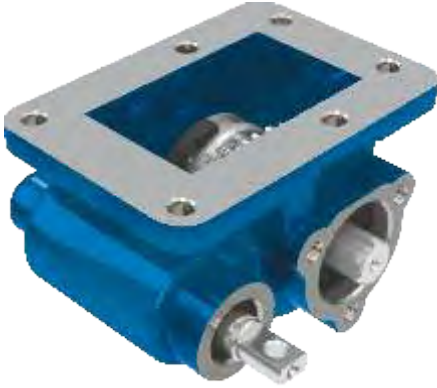
**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

HINO L 100 / FB 112 SA 11 Y0563

P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
<b>17588127166</b>	18,6 Kg 182,4 Nm	15,4 Hp 11,5 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
600 rpm 600 rpm	1/1,28 1/1,28	11 Kg 24,3 lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Sol Left	Mekanik Mechanic	Sağ - UNI Right - UNI

**MITSUBISHI M1 S5 MEKANİK - VAKUM**  
MITSUBISHI M1 S5 MECHANIC - VACUM

**MEKANİK KODU / MECHANIC CODE:** 17591127166  
**VAKUM KODU / VACUM CODE :** 17591129166



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZIMAN / MAIN GEARBOX**

M1S5-M2S5-M3S5

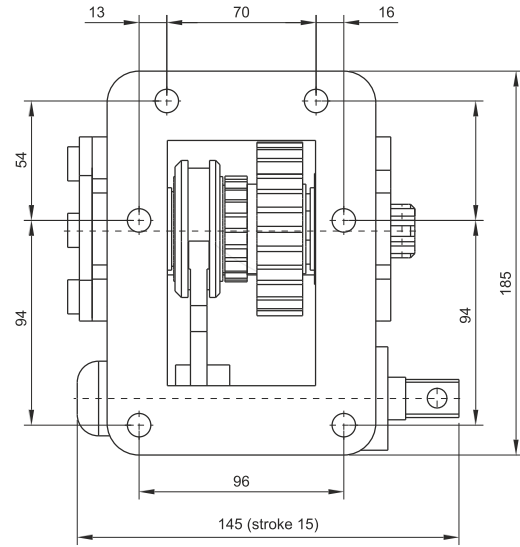
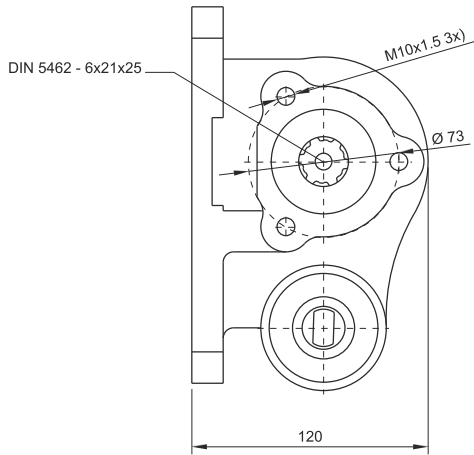
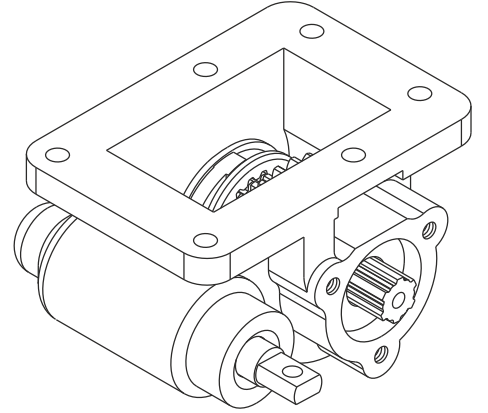
**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

444-449 CANTER MITSUBISHI (704)

P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
<b>17591127166-M</b> <b>17591129166-V</b>	18,2 Kg 178,5 Nm	9,4 Hp 7 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
375 rpm 375 rpm	1/1 1/1	8,5 Kg - lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Sol Left	Mekanik / Mechanic Vakumlu / Vacum	Sağ - UNI Right - UNI

**MITSUBISHI MO 15 S5 MEKANİK - VAKUM**  
MITSUBISHI MO 15 S5 MECHANIC - VACUM

MEKANİK KODU / MECHANIC CODE: 17592127166  
VAKUM KODU / VACUM CODE : 17592129166



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZIMAN / MAIN GEARBOX**

MO 15 S5

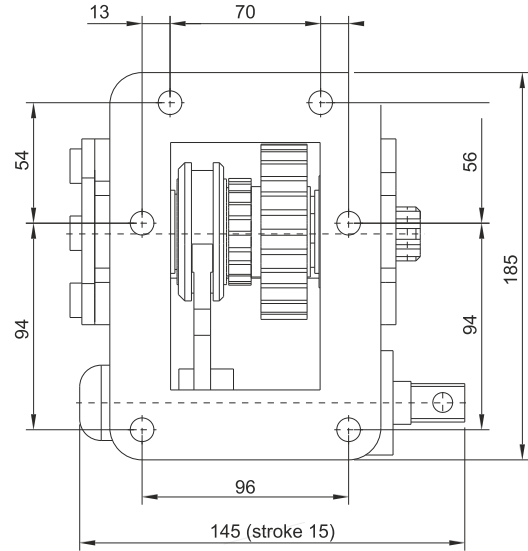
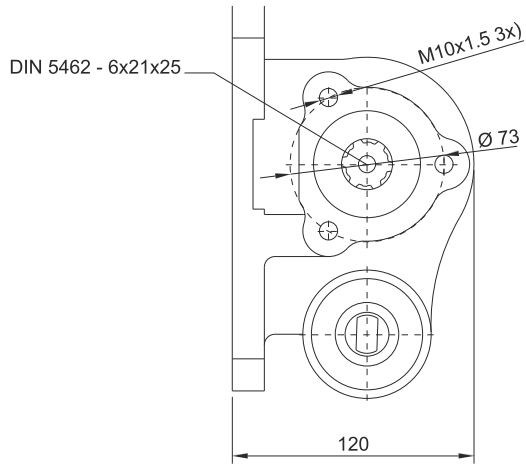
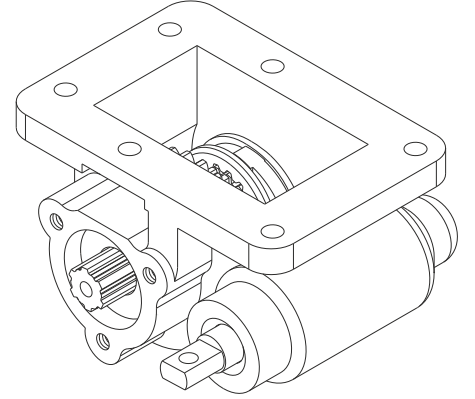
**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

FE 511-711 MITSUBISHI

P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
17592127166-M 17592129166-V	24 Kg 235,5 Nm	11,7 Hp 8,7 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
375 rpm 375 rpm	1/1 1/1	8,5 Kg - lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Sol Left	Mekanik / Mechanic Vakumlu / Vacum	Sağ - UNI Right - UNI

**MITSUBISHI MO 25 S5 MEKANİK - VAKUM**  
MITSUBISHI MO 25 S5 MECHANIC - VACUM

**MEKANİK KODU / MECHANIC CODE:** 17593127166  
**VAKUM KODU / VACUM CODE :** 17593129166



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZİMAN / MAIN GEARBOX**

MO 25 S5

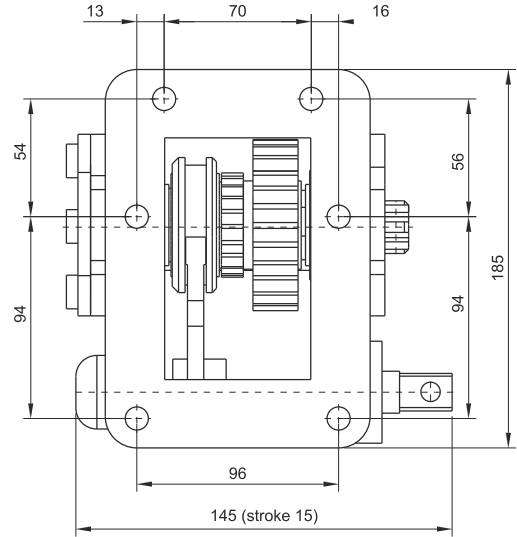
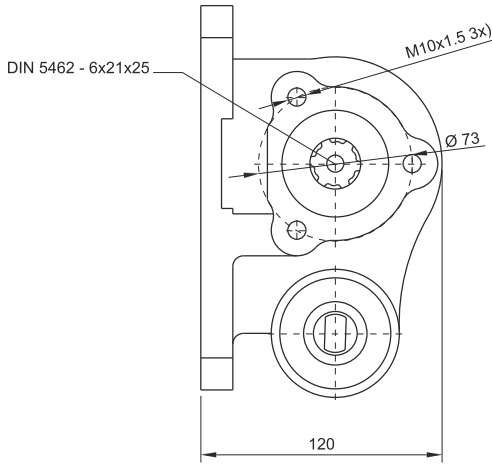
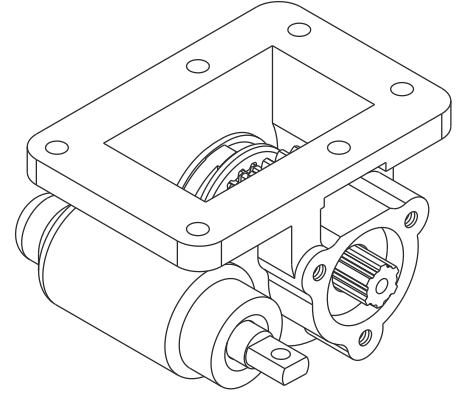
**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

635 FE-515 FE-519 FE-FE 534-FE 544-FB 634-FE 639 C-839-859 G  
MITSUBISHI (739) FE130C1 CANTER 2.0 SUPER LOW

P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
17593127166-M 17593129166-V	21,1 Kgm 207 Nm	10,2 Hp 7,6 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
350 rpm 350 rpm	1/1 1/1	8,5 Kg - lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Sol Left	Mekanik / Mechanic Vakumlu / Vacum	Sağ - UNI Right - UNI

**MITSUBISHI MO 35 S5 MEKANİK - VAKUM**  
MITSUBISHI MO 35 S5 MECHANIC - VACUM

**MEKANİK KODU / MECHANIC CODE: 17594127166**  
**VAKUM KODU / VACUM CODE : 17594139166**



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZIMAN / MAIN GEARBOX**

MO 35 S 5 / MO 35 T3

**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

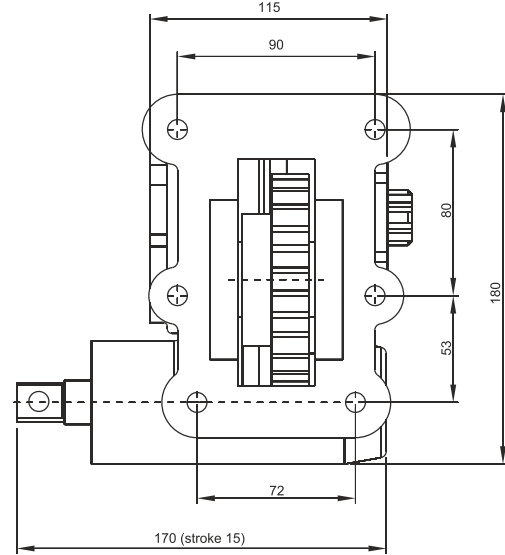
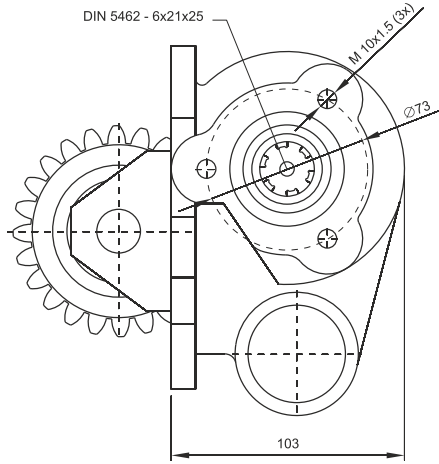
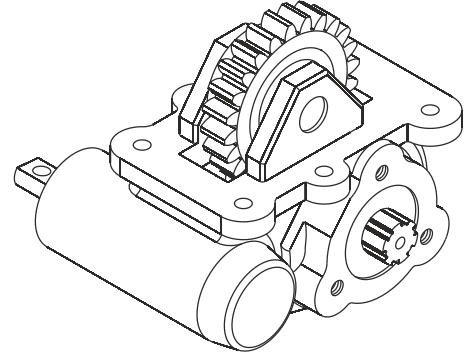
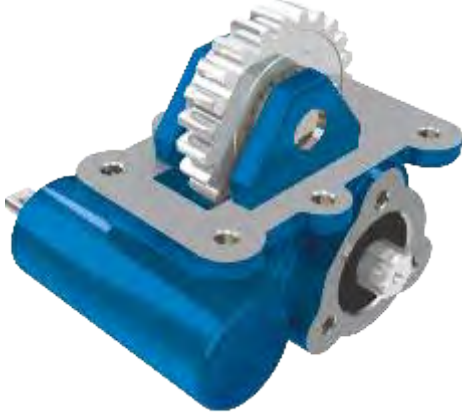
FE-649-659-FE 859 E MITSUBISHI (722) / FE150C1-150E1-FE150E2 CANTER  
2.0T / WIDE CAB FG145C1 4X4 CANTER 2,5-FE 150W1 3,5T  
150G1 4T-150G2, 4,5T

P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
17594127166-M 17594139166-V	24,2 Kg 237,4 Nm	11,7 Hp 8,7 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
350 rpm 350 rpm	1/1 1/1	8,5 Kg - lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Sol Left	Mekanik / Mechanic Vakumlu / Vacum	Sağ - UNI Right - UNI

**IVECO 2828**

IVECO 2828

KODU / CODE: 17601127166



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZIMAN / MAIN GEARBOX**

2828.5-2831.5-28028-28031

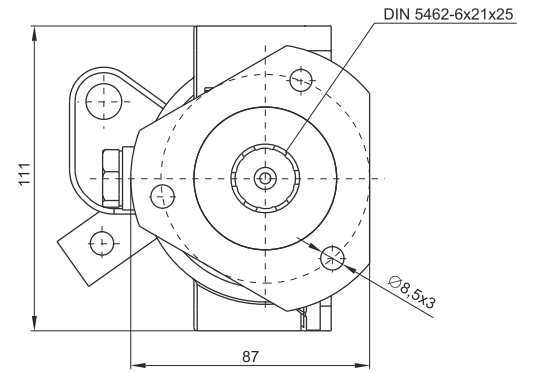
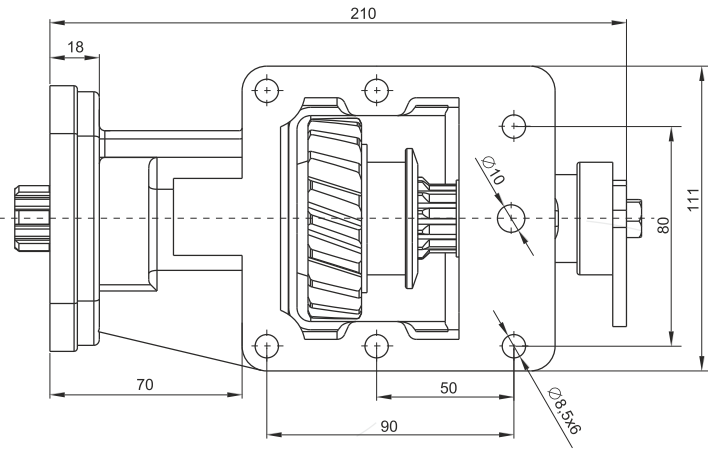
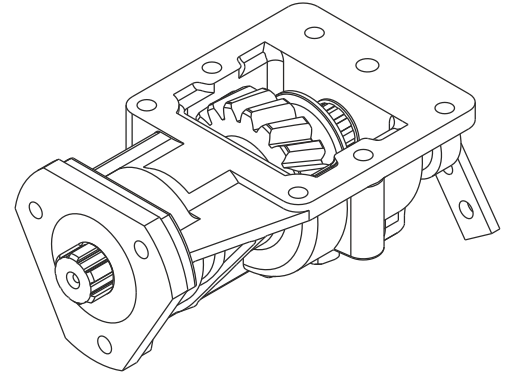
**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

35.9-65.9-35 NC-50 - NC-50.9-50.11 IVECO

P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
<b>17601127166</b>	15 Kgm 147 Nm	6,2 Hp 4,6 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
300 rpm 300 rpm	1/1,26 1/1,26	9 Kg 19,9 lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Sağ Right	Mekanik Mechanic	Sağ - UNI Right - UNI

**IVECO 2826 YAN**  
IVECO 2826 SIDE

KODU / CODE: 17602127199



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZİMAN / MAIN GEARBOX**

2826,5 IVECO

**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

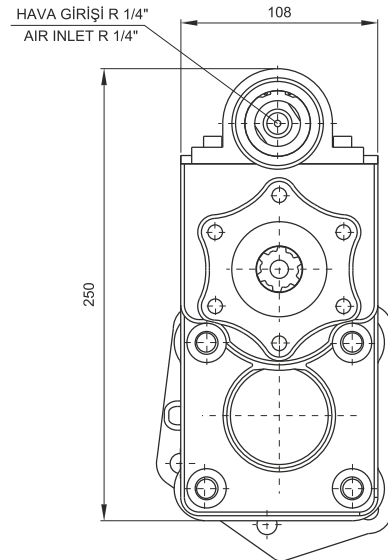
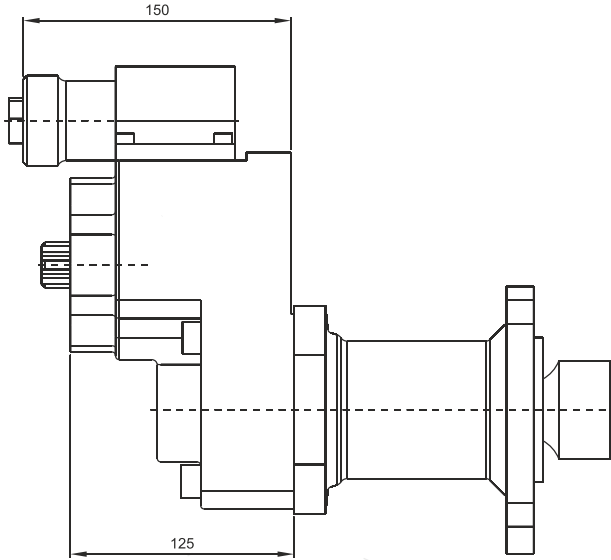
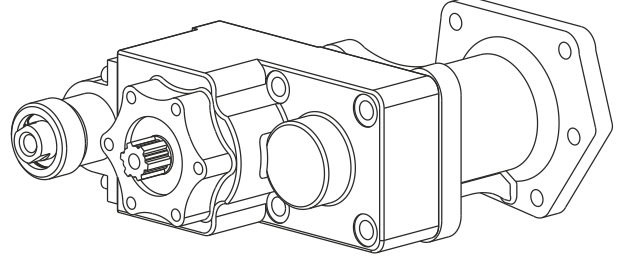
30.10 - 35.10 - 35.12 - 49.10 - 49.12 - 59.12 - 60.12 IVECO

P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
<b>17602127199</b>	21,3 Kgm 208 Nm	27,3 Hp 20,4 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
1000 rpm 1000 rpm	1/1 1/1	6 Kg 13,2 lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Sol Yan Left Side	Mekanik Mechanic	Sol - UNI Left - UNI



**IVECO 2846 KUYRUK**  
IVECO 2846 REAR

KODU / CODE: 17604138199



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZIMAN / MAIN GEARBOX**

2846.5-2842-2835-2830-2646

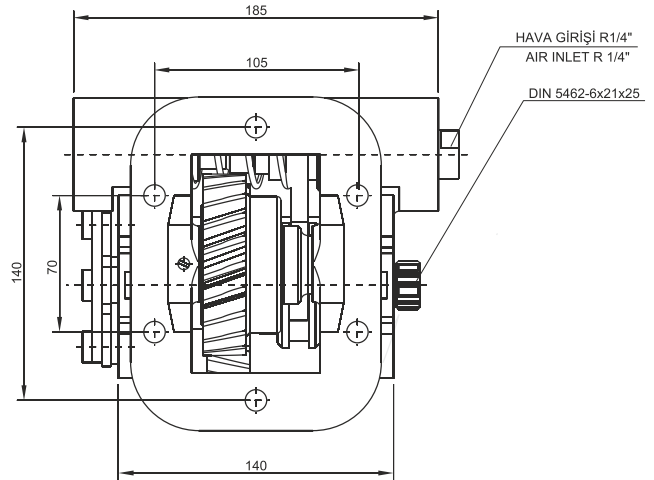
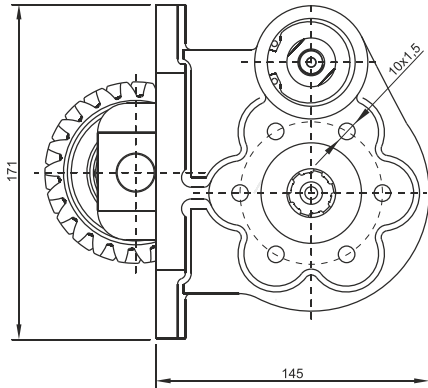
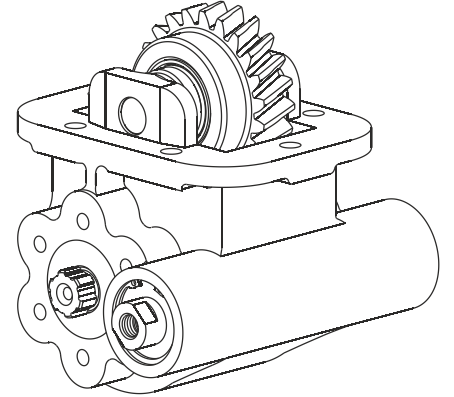
**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

FIAT IVECO / 65.15-79.13-79.14-80.14 IVECO / 65.12-79.12-95.14  
100.13-109.14-135.14 ZETA IVECO

P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
<b>17604138199</b>	18,3 Kg 179,5 Nm	16,8 Hp 12,5 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
500 rpm 500 rpm	1/1,12 1/1,12	14 Kg 30,9 lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Kuyruk Rear	Havali Pneumatic	Sol - UNI Left - UNI

**IVECO 2855 YAN**  
IVECO 2855 SIDE

KODU / CODE: 17605127166



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZİMAN / MAIN GEARBOX**

2845.6 - 2855.6 IVECO

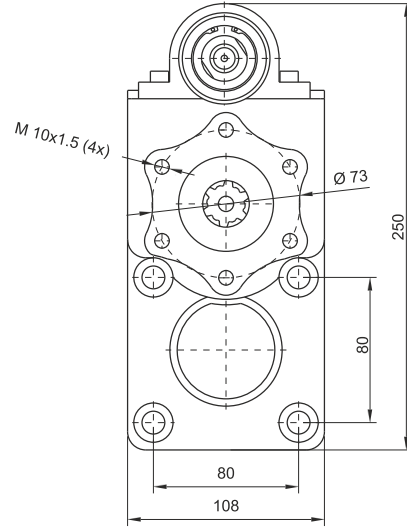
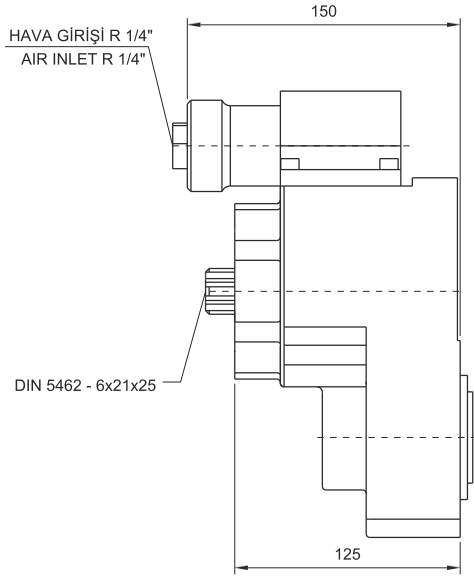
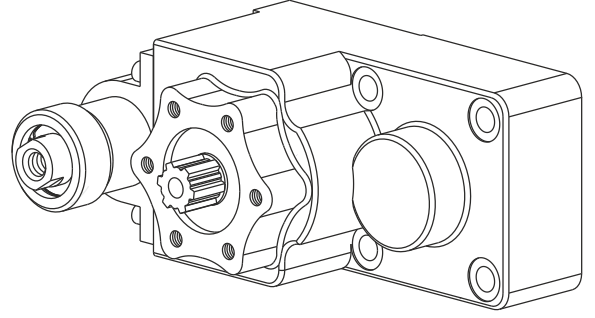
**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

IVECO 60.10 - 60.12-75.14-80.14-80.12-85.12-85.14-120.114-140.14-150.14-130E15  
150E21-220E21-60.14-65E12-65E14-75.12-75E14-80E15-80E18-85E13-85E15  
100E15-100E18-130E15-130E18

P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
<b>17605127166</b>	24,4 Kgm 240 Nm	32 Hp 23,3 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
1000 rpm 1000 rpm	1/0,88 1/0,88	11 Kg - lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Sağ Yan Right Side	Mekanik Mechanic	Sağ - UNI Right - UNI

**IVECO 2855 KUYRUK**  
IVECO 2855 REAR

KODU / CODE: 17605138199



GENEL BİLGİLER / GENERAL DATA

ANA ŞANZİMAN / MAIN GEARBOX

2845.6-2855.6 IVECO

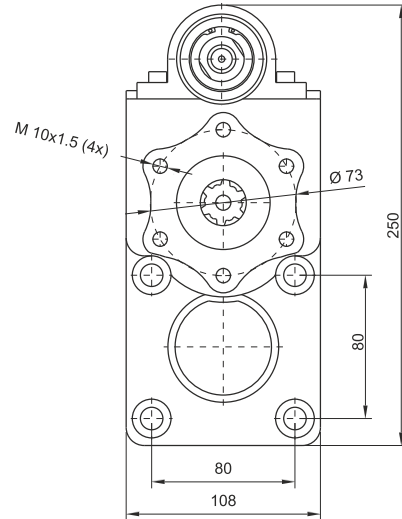
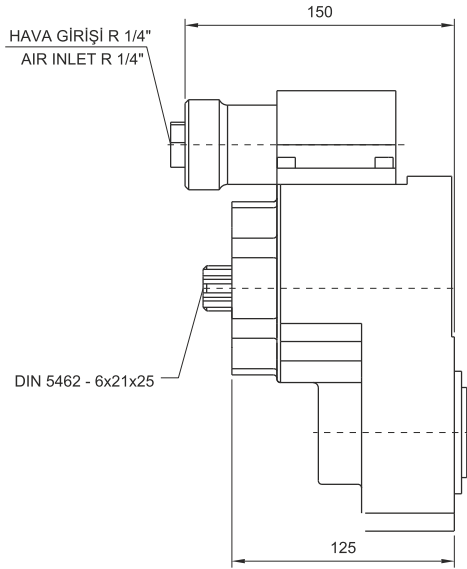
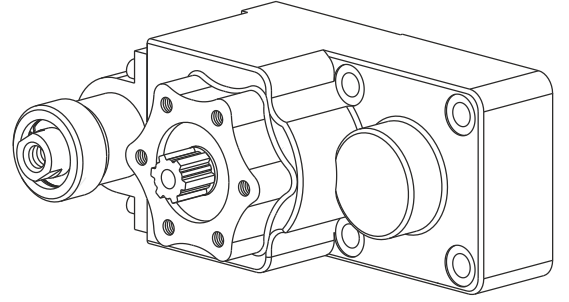
KULLANILAN BAZI ARAÇLAR / USED VEHICLES

IVECO 60.10-60.12-75.14-80.14-80.12-85.12-85.14-120.14-140.14-150.14  
130E15-150E21-220E21-60.14-65E12-65E14-75.12-75E14-75E15-80E15-80E18  
85E13-85E15-100E15-100E18-130E15-130E18

P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
<b>17605138199</b>	18,3 Kg 179,5 Nm	16,8 Hp 12,5 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
650 rpm 650 rpm	1/1,12 1/1,12	10 Kg - lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Kuyruk Rear	Havali Pneumatic	Sol - UNI Left - UNI

**IVECO 2865 KUYRUK**  
IVECO 2865 REAR

KODU / CODE: 17606138199



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZİMAN / MAIN GEARBOX**

2865.6

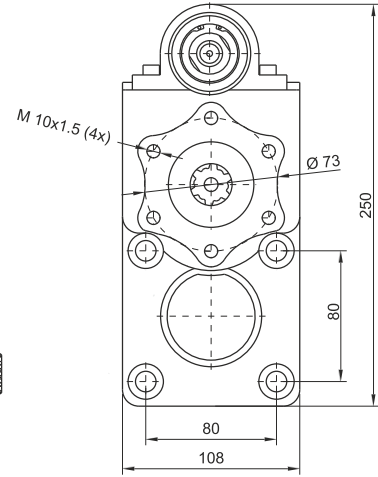
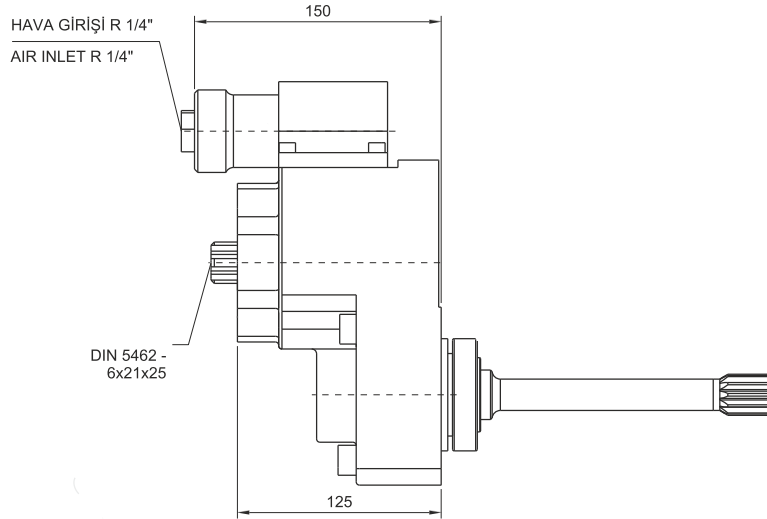
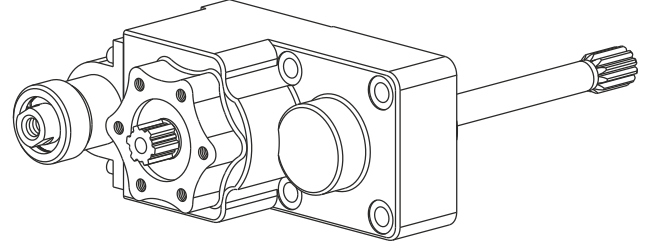
**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

JOHNSTON 12E18 IVECO EURO CARGO / 100E21-120E18-120E23-130E23  
180E18-80.21-100.18-120.23-130.23-150.18-150.23-170.18-170.23  
150E21-220E21 EURO CARGO IVECO

P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
<b>17606138199</b>	18,3 Kg 179,5 Nm	16,8 Hp 12,5 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
650 rpm 650 rpm	1/1,12 1/1,12	10 Kg - lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Kuyruk Rear	Havali Pneumatic	Sol - UNI Left - UNI

**IVECO 2870 KUYRUK**  
IVECO 2870 REAR

KODU / CODE: 17607138199



GENEL BİLGİLER / GENERAL DATA

ANA ŞANZİMAN / MAIN GEARBOX

2870.9

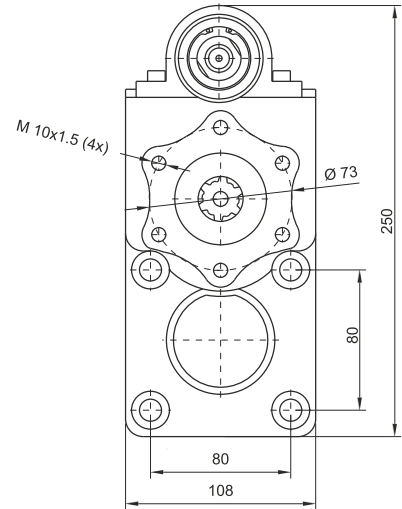
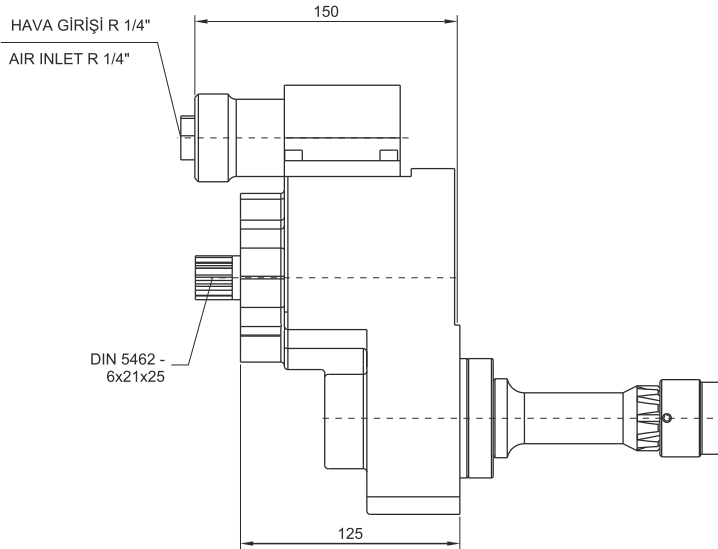
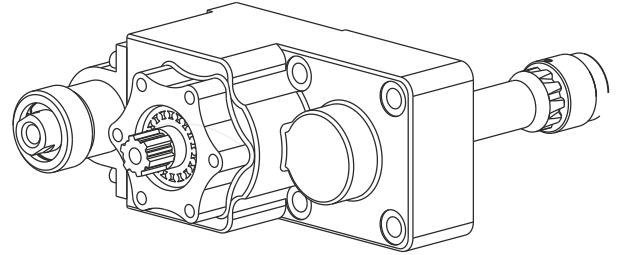
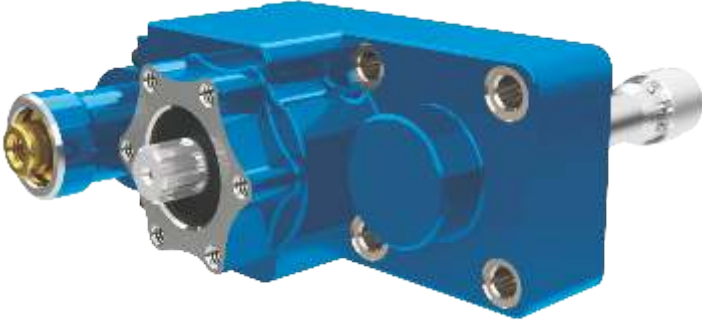
KULLANILAN BAZI ARAÇLAR / USED VEHICLES

120E18-120E23-130E15-130E18-130E23-150E15-150E18-150E23-170E18  
170E23-180E21-250E21-100E18-100E23-100E15-130E15-130E18  
EUROCARGO IVECO/ 250 E24-230 E18-180 E28-250 E23  
EUROCARGO IVECO

P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
<b>17607138199</b>	22,4 Kgm 219,7 Nm	20,8 Hp 15,5 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
675 rpm 675 rpm	1/1,12 1/1,12	12 Kg - lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Kuyruk Rear	Havalı Pneumatic	Sol - UNI Left - UNI

**IVECO 2895 KUYRUK**  
IVECO 2895 REAR

KODU / CODE: 17608138199



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZİMAN / MAIN GEARBOX**

2985.9

**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

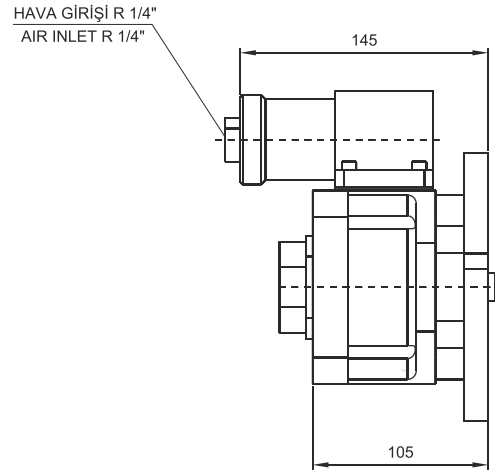
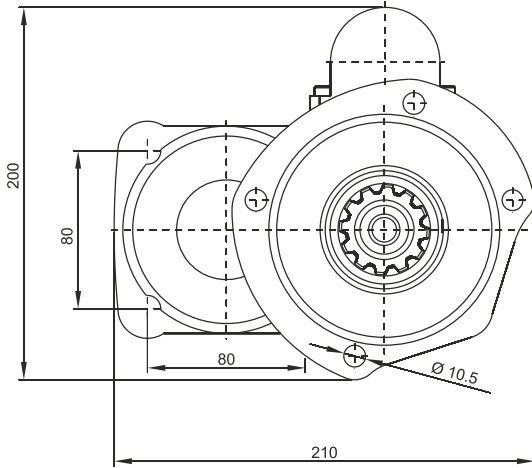
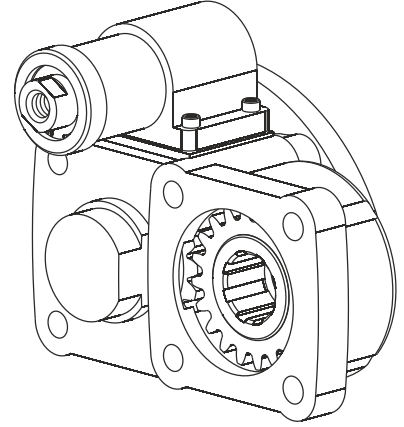
120E18-120E23-130E15-130E18-130E23-150E15-150E18-150E23-170E18  
170E23-180E21-180E28-250E21-100E18-100E23-100E15-130E15-130E18  
EUROCARGO IVECO

P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
<b>17608138199</b>	22,4 Kg 219,7 Nm	20,8 Hp 15,5 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
675 rpm 675 rpm	1/1,12 1/1,12	12,5 Kg - lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Kuyruk Rear	Havali Pneumatic	Sol - UNI Left - UNI

**VOLVO R5-2**

VOLVO R5-2

KODU / CODE: 17611638399



GENEL BİLGİLER / GENERAL DATA

ANA ŞANZIMAN / MAIN GEARBOX

R 51-R / SR 52 / R52

KULLANILAN BAZI ARAÇLAR / USED VEHICLES

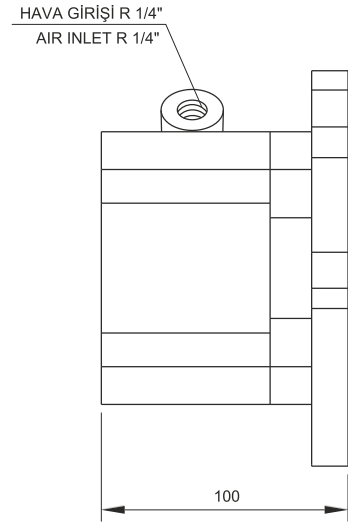
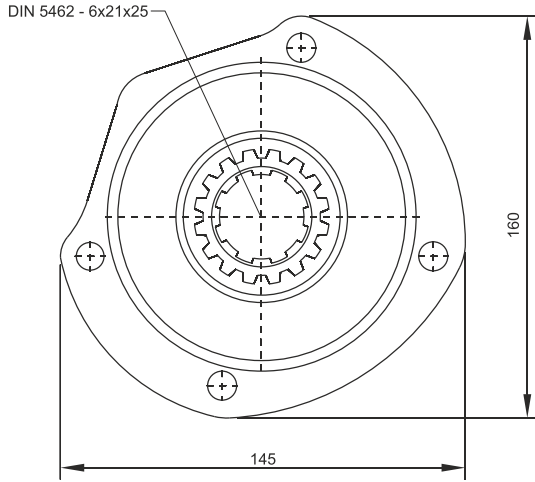
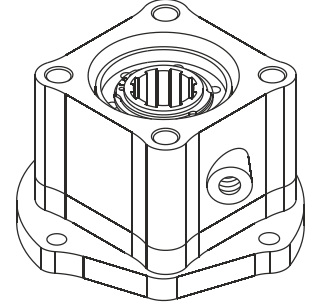
VOLVO F 0-F 86-F 88-F 1233

P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
<b>17611638399</b>	24 Kg 235,5 Nm	22,3 Hp 16,6 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
675 rpm 675 rpm	1/1,2 1/1,2	10 Kg - lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Kuyruk Rear	Havali Pneumatic	Sol - UNI Left - UNI

**VOLVO R6-1**

VOLVO R6-1

KODU / CODE: 17612138366



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZİMAN / MAIN GEARBOX**

R 62-SR61-R62/MR 62 B

**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

F 7-F 10-F 12-F 88-F 89-F 1020-F 1225-N 10-N 12 VOLVO

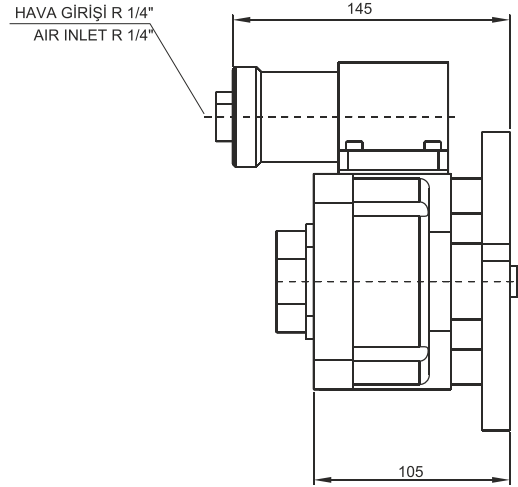
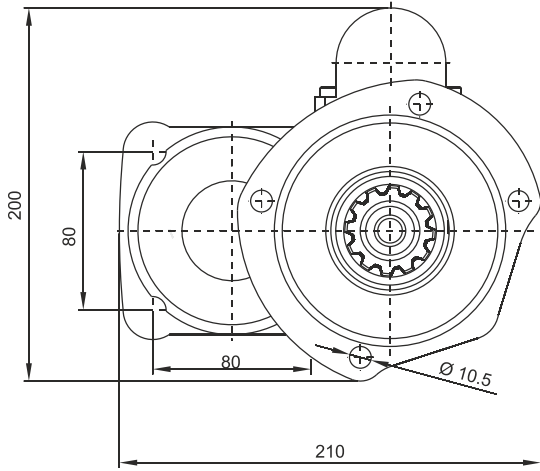
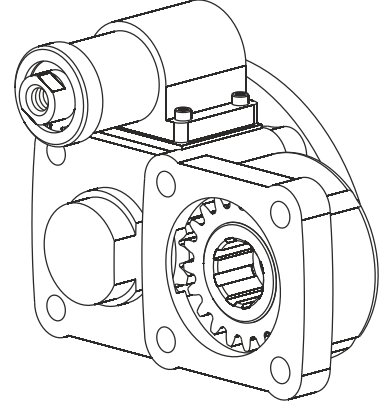
P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
<b>17612138366</b>	25 Kgm 245 Nm	26,5 Hp 19,8 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
780 rpm 780 rpm	1/1,2 1/1,2	6 Kg - lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Kuyruk Rear	Havali Pneumatic	Sağ - ISO Right - ISO



**VOLVO R6-2**

VOLVO R6-2

KODU / CODE: 17612638399



GENEL BİLGİLER / GENERAL DATA

ANA ŞANZİMAN / MAIN GEARBOX

R62-SR61-R62 / MR 62 B

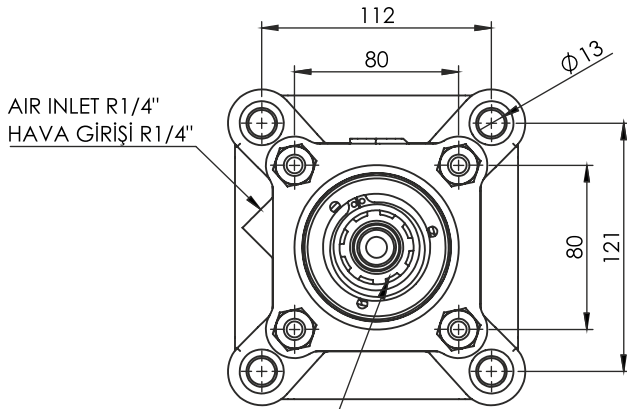
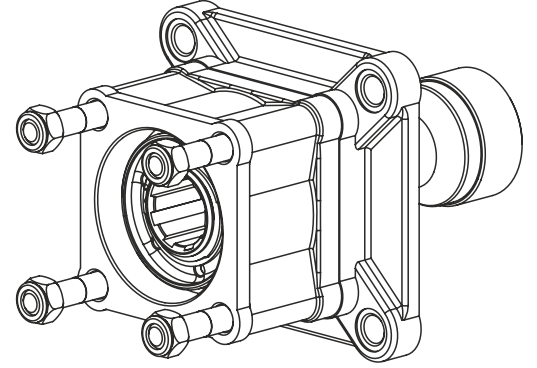
KULLANILAN BAZI ARAÇLAR / USED VEHICLES

F 7-F 10-F 12-F 88-F 89-F 1020-F 1225-N 10-N 12 VOLVO

<b>17612638399</b>	24 Kgm 235,5 Nm	22,3 Hp 16,6 Kw
675 rpm 675 rpm	1/1,2 1/1,2	10 Kg - lb
Kuyruk Rear	Havalı Pneumatic	Sol - ISO Left - ISO

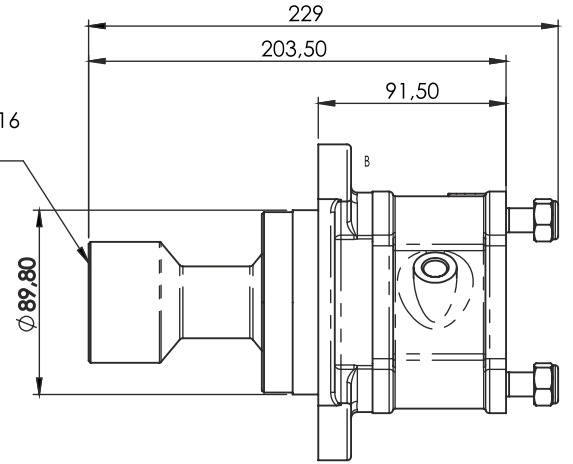
**VOLVO**  
SR/R70-72

KODU / CODE: 17613538399



DIN 5462-8X32X35

Ø 51mm TEETH Z16  
Ø 51mm Z16 DIŞ



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZİMAN / MAIN GEARBOX**

SR/R70-72

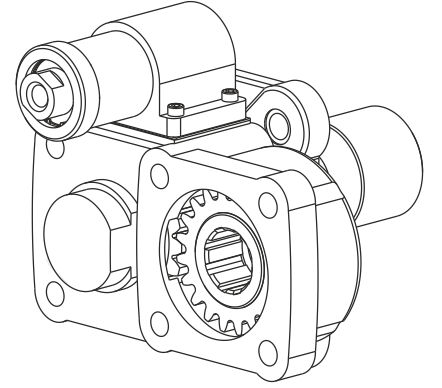
**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

FL 7- FL 10 - F 12 -N 12-N 10-NL 12 VOLVO

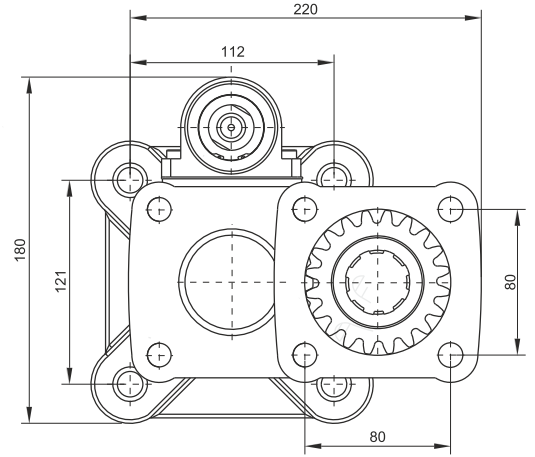
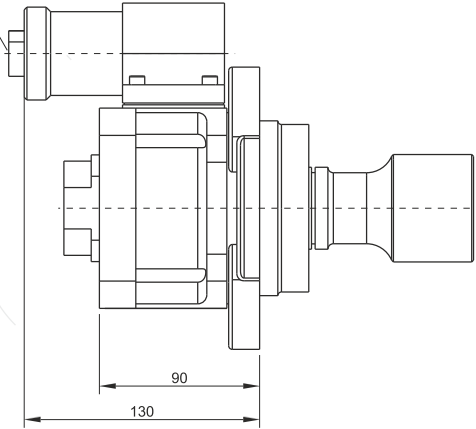
P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
17613538399	25 Kgm 245 Nm	26,8 Hp 20 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
1000 rpm 1000 rpm	1/1	7,5 Kg
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Kuyruk	Phomatik	Sağ - UNI Right - UNI

**VOLVO SR70-2**  
VOLVO SR70-2

KODU / CODE: 17613638399



HAVA GİRİŞİ R 1/4"  
AIR INLET R 1/4"



GENEL BİLGİLER / GENERAL DATA

ANA ŞANZİMAN / MAIN GEARBOX

SR/R 70-72

KULLANILAN BAZI ARAÇLAR / USED VEHICLES

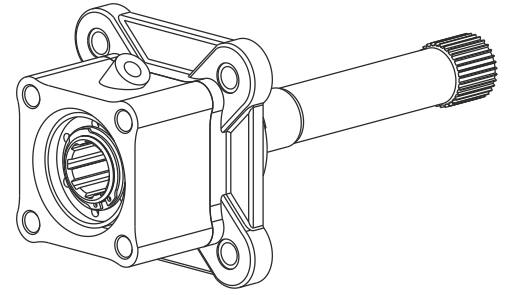
FL7 - FL10 - F10 - F12 - N12 - N10 - NL12 VOLVO

P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
<b>17613638399</b>	24 Kg 235,4 Nm	30,6 Hp 22,9 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
1000 rpm 1000 rpm	1/1,2 1/1,2	12,5 Kg - lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Kuyruk Rear	Havali Pneumatic	Sol - ISO Left - ISO

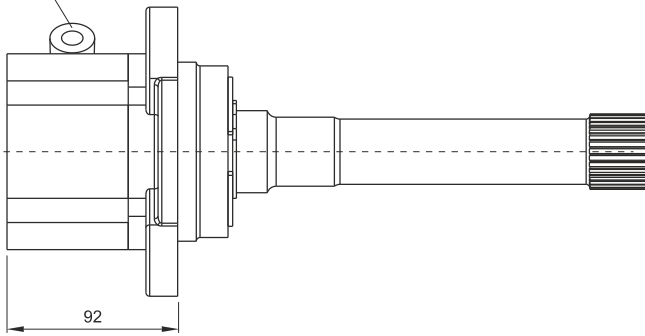
**VOLVO 1700-1**

VOLVO 1700-1

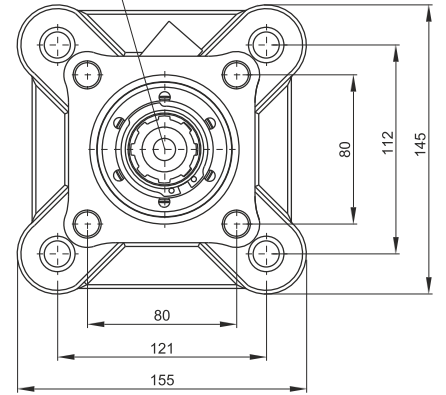
KODU / CODE: 17614138366



HAVA GİRİŞİ R 1/4"  
AIR INLET R 1/4"



DIN 5462 - 6x21x25



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZİMAN / MAIN GEARBOX**

SR/R 1000-1400-1700-1900-2000-SRO 2400

**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

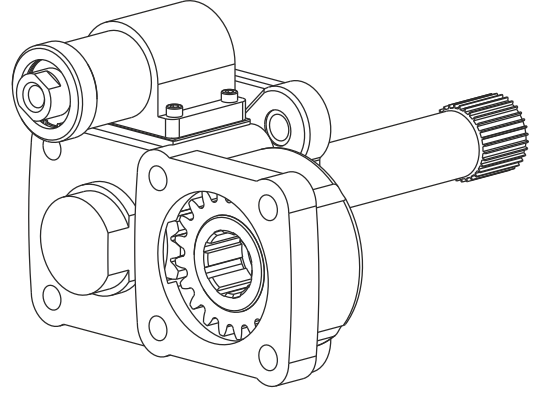
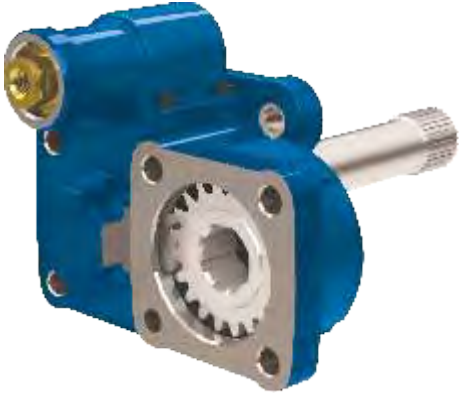
FL 10 320-NL 12-FH 16 520-FH 12 420-FM 12-FH 16-FM 10-FM 12 VOLVO  
FL 616-FL 7-F 10-FL 10-F 12-F 16-N 10-N 12-FL 7- NL 12 -F 16

P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
<b>17614138366</b>	25 Kgm 245 Nm	22,7 Hp 16,9 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
450 rpm 450 rpm	1/1 1/1	9 Kg 19,8 lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Kuyruk Rear	Havali Pneumatic	Sağ - ISO Right - ISO

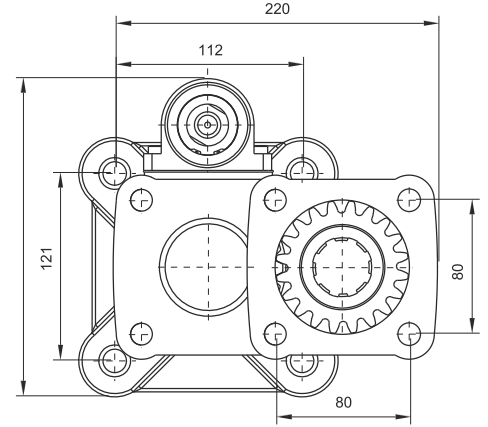
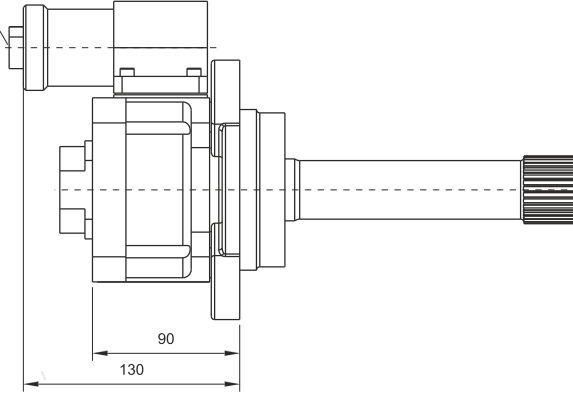
**VOLVO 1700-2 ISO**

VOLVO 1700-2 ISO

KODU / CODE: 17614638399



HAVA GİRİŞİ R 1/4"  
AIR INLET R 1/4"



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZİMAN / MAIN GEARBOX**

SR/R 1000-1400-1700-1900-2000-SRO 2400

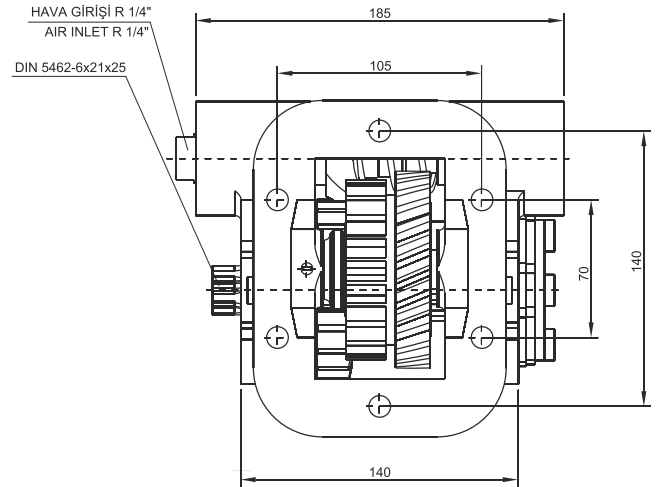
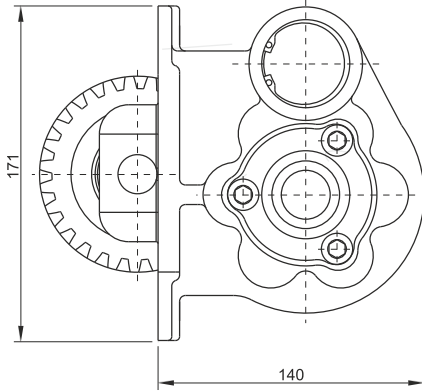
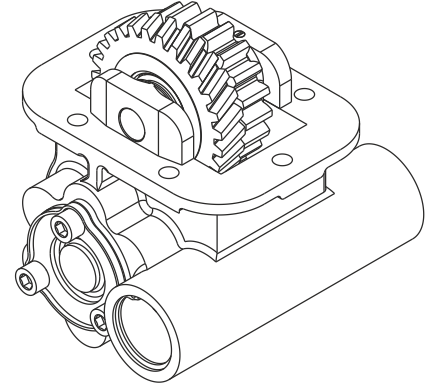
**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

FL 10 320-NL 12-FH 16 520-FH 12 420-FM 12-FH 16-FM 10-FM12 VOLVO  
FL 616-FL 7-F 10-FL 10-F 12-F 16-N 10-N 12-FL 7-NL 12-F 16

P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
<b>17614638399</b>	24 Kgm 235,5 Nm	22,5 Hp 16,8 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
682 rpm 682 rpm	1/1,2 1/1,2	13,5 Kg - lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Kuyruk Rear	Havalı Pneumatic	Sol - UNI Left - UNI

**TURNER 3017**  
TURNER 3017

KODU / CODE: 17621128166



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZİMAN / MAIN GEARBOX**

TURNER - SPICER T5 A 2801 - 2803 - 2811 - 3016 - 3017 - 3047 - 3058 - 3068 - 3158 R

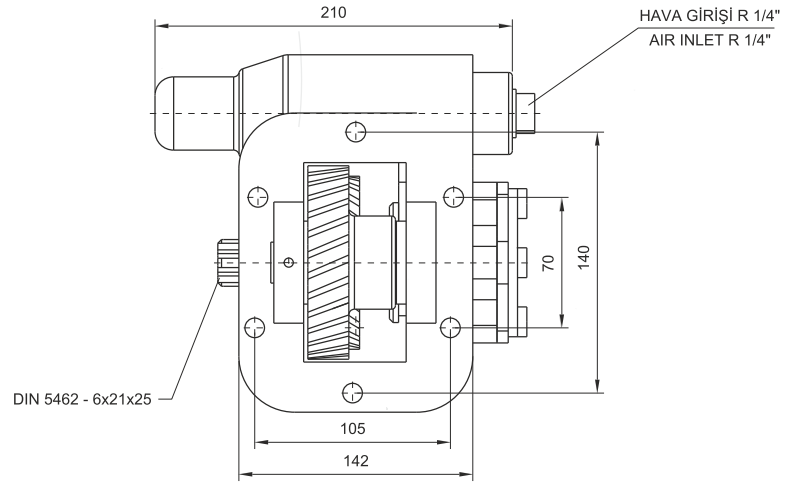
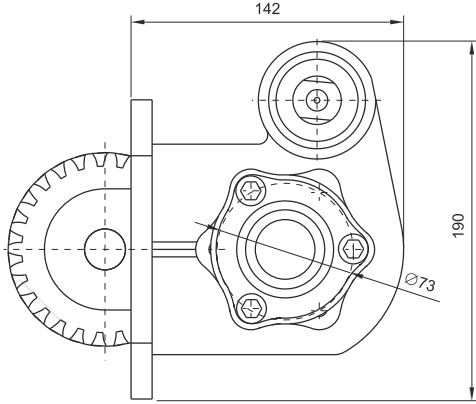
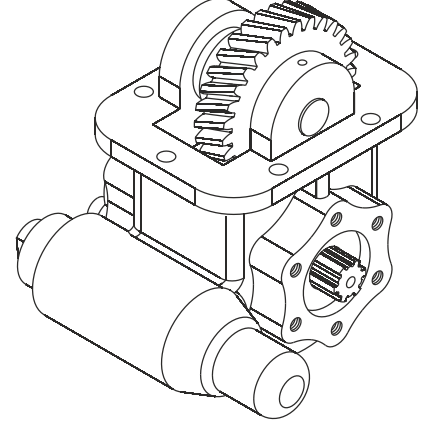
**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

1340 - 1840 BMC - 140 BMC - AS600 B. BEDFORD - 1210 - 1212 - 1312 - FORD (66-83)  
FREIGHTER 302 LEYLAND

P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
<b>17621128166</b>	20,7 Kgm 203 Nm	26,5 Hp 19,8 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
1000 rpm 1000 rpm	1/1,28 1/1,28	12 Kg 26,4 lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Sağ Yan Right Side	Havali Pneumatic	Sağ - UNI Right - UNI

**TURNER T5C4060 YAN**  
TURNER T5C4060

KODU / CODE: 17622128199



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZİMAN / MAIN GEARBOX**

TURNER - SPICER T5 C 4001-4058-4060-4068-4084 R-L

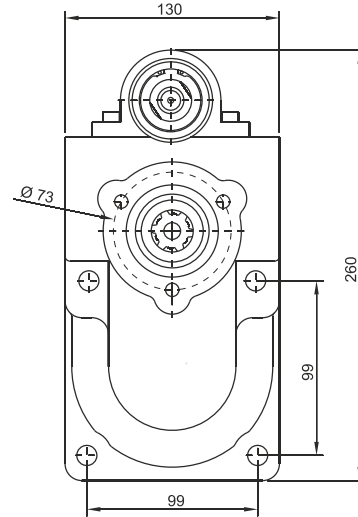
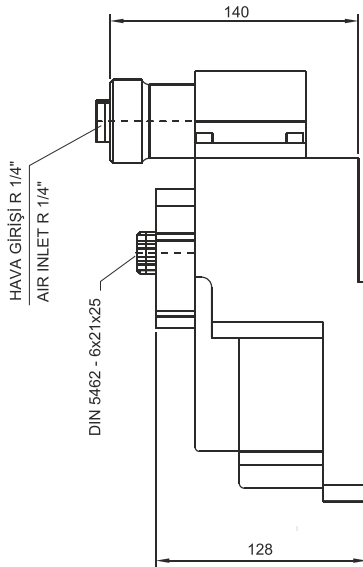
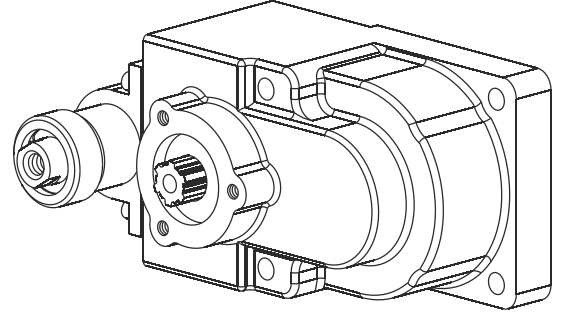
**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

162.22-162.25-170.25 FATİH / YAVUZ 1850-2200 / 700-800-900 DODGE / 1210 FORD

P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
<b>17622128199</b>	34 Kg 333,4 Nm	24,5 Hp 18,3 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
1000 rpm 1000 rpm	1/1 1/1	11,8 Kg 26 lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Sağ - Yan Right - Side	Havalı Pneumatic	Sol - UNI Left - UNI

**TURNER T5C4060 KUYRUK**  
TURNER T5C4060 REAR

KODU / CODE: 17622138199



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZİMAN / MAIN GEARBOX**

TURNER - SPICER T5 C 4001 - 4058 - 4060 - 4068 - 4084 R - L

**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

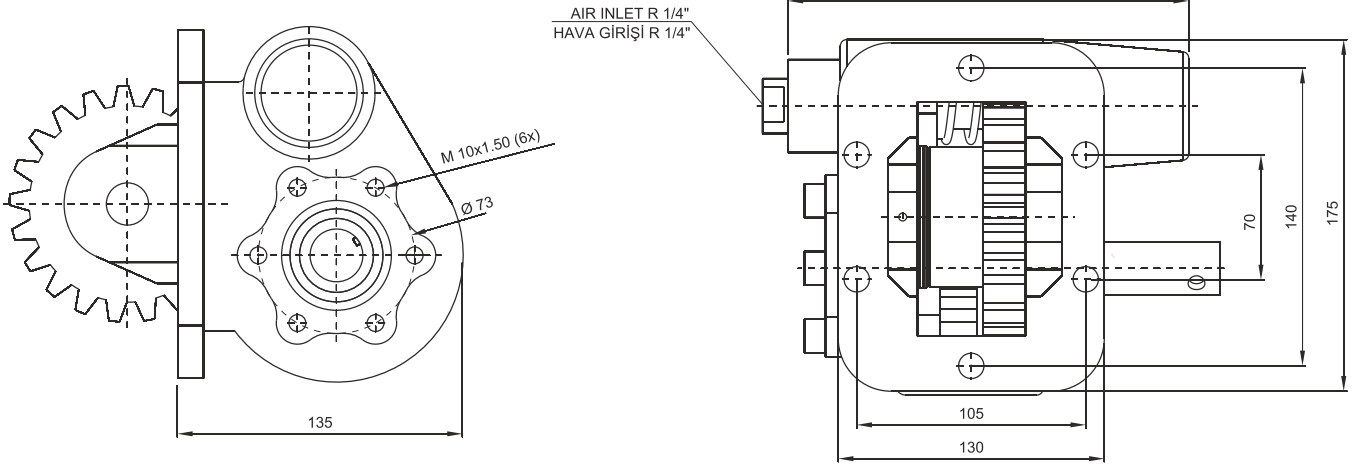
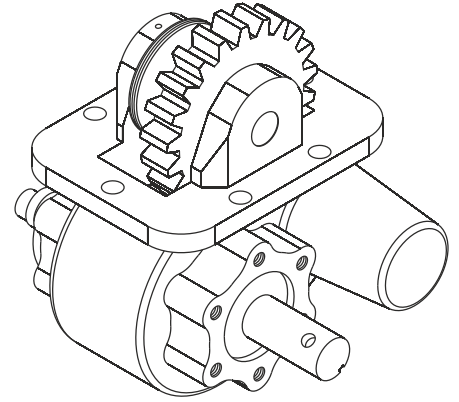
162.22 - 162.25 - 170.25 FATİH / YAVUZ 1850 - 2200 / 700-800-900 - DODGE / 1210 FORD

P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
<b>17622138199</b>	24,9 Kg 244,2 Nm	23,9 Hp 17,8 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
500 rpm 500 rpm	1/2 1/2	11 Kg 24,3 lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Kuyruk Rear	Havalı Pneumatic	Sol - UNI Left - UNI



**MACK 1**  
MACK 1

KODU / CODE: 17631128466



GENEL BİLGİLER / GENERAL DATA

ANA ŞANZİMAN / MAIN GEARBOX

DM 600-227589- 281KB- 5159A MACK

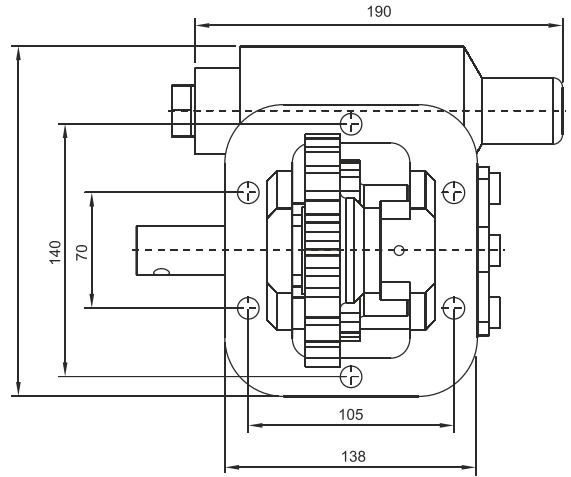
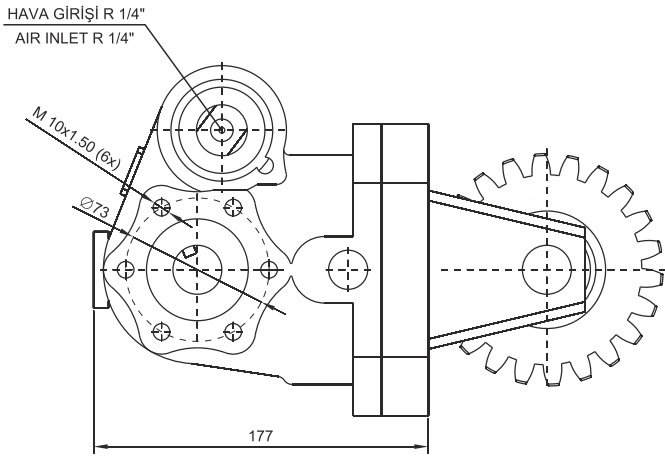
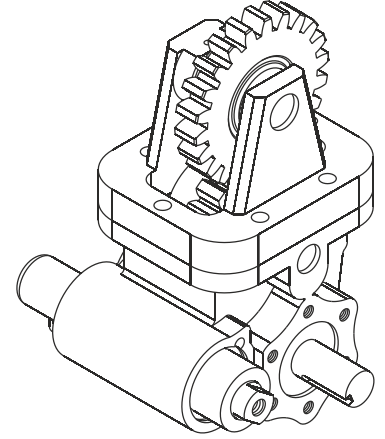
KULLANILAN BAZI ARAÇLAR / USED VEHICLES

MACK DM 600 - DM 611 S 6296

<b>17631128466</b>	25 Kgm 245 Nm	47 Hp 35 Kw
950 rpm 950 rpm	1/1,16 1/1,16	12 Kg - lb
Yan Side	Havalı Pneumatic	Sağ - UNI Right - UNI

**MACK 2**  
MACK 2

KODU / CODE: 17631628499



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZİMAN / MAIN GEARBOX**

TRL - TRDL - TRXL - TRDXL - DX - DM 686-107-1070-1071 - 1075-1076-1078-10780

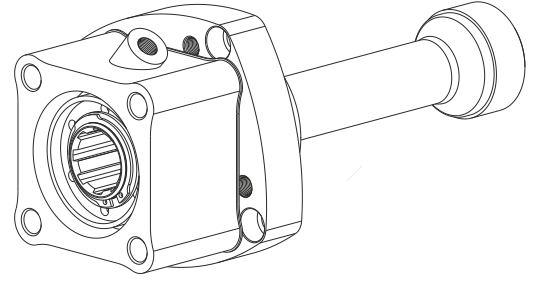
**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

MAC DM 686-868ST-SX-F700-F712-F786-F795

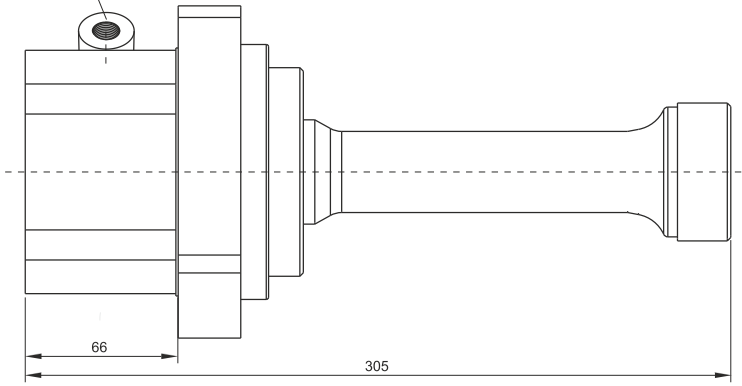
P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
<b>17631628499</b>	37,2 Kg 364,9 Nm	34,5 Hp 25,8 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
675 rpm 675 rpm	1/1,04 1/1,04	17 Kg - lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Yan Side	Havali Pneumatic	Sağ - UNI Right - UNI

**LIAZ 1**  
LIAZ 1

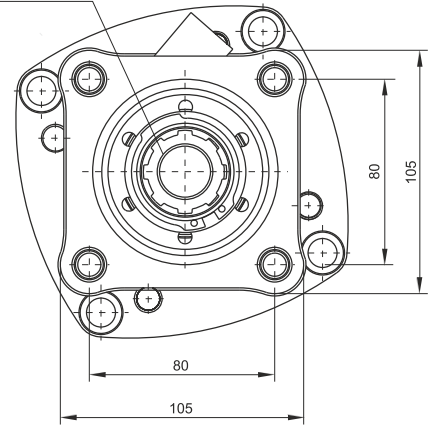
KODU / CODE: 17641138366



AIR INLET R 1/4"  
HAVA GİRİŞİ R 1/4"



DIN 5462 8x32x35



GENEL BİLGİLER / GENERAL DATA

ANA ŞANZİMAN / MAIN GEARBOX

LIAZ

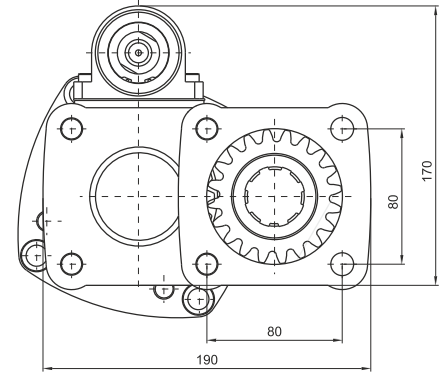
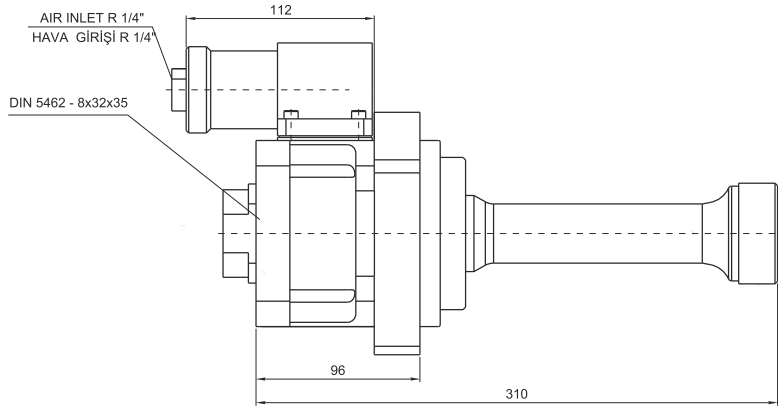
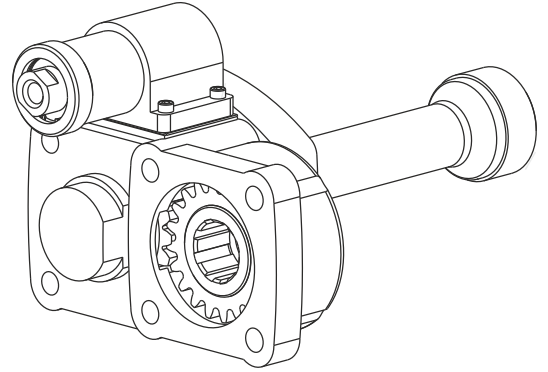
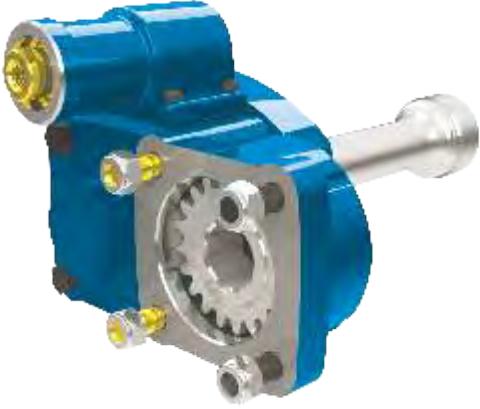
KULLANILAN BAZI ARAÇLAR / USED VEHICLES

LIAZ

P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
<b>17641138366</b>	48,9 Kg 479,5 Nm	34,5 Hp 25,7 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
513 rpm 513 rpm	1/1 1/1	8,5 Kg - lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Kuyruk Rear	Havalı Pneumatic	Sağ - ISO Right - ISO

**LIAZ 2**  
LIAZ 2

KODU / CODE: 17641638399



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZİMAN / MAIN GEARBOX**

LIAZ

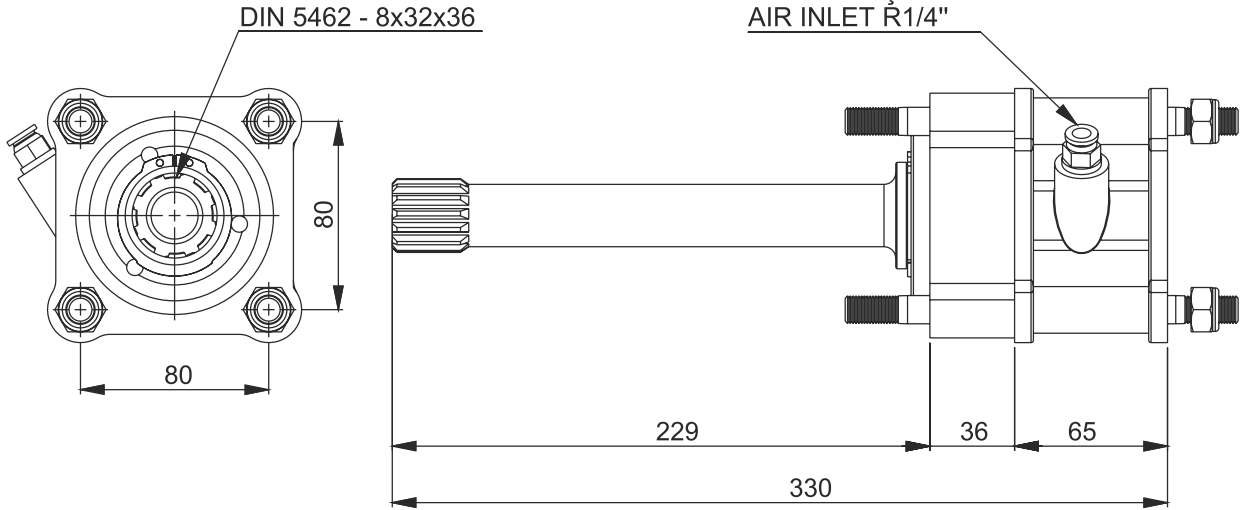
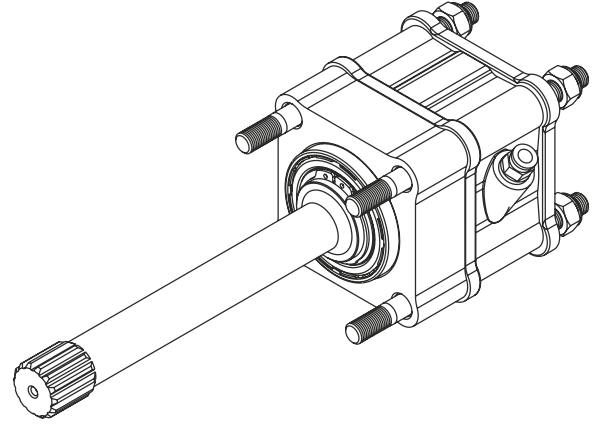
**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

LIAZ

P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
<b>17641638399</b>	26,5 Kgm 260 Nm	24,5 Hp 18,3 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
675 rpm 675 rpm	1/1,2 1/1,2	13 Kg - lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Kuyruk Rear	Havalı Pneumatic	Sol - ISO Left - ISO

**MAN**  
MAN

KODU / CODE: 17651138366



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZİMAN / MAIN GEARBOX**

ZF AS TRONIC - 16AS 251 / 16S 251 + PLATE 12AS 1631 / 16AS 1931 / 12AS 2131 / 12AS 2141 / 12AS 2300 IT / 12AS 2301 IT / 12AS 2331 / 12AS 2341 / 12AS 2501 IT / 12AS 2531 / 12AS 2541 / 12AS 2741 / 12AS 2941 / 12AS 3001 IT / 12AS 3002 IT / 12AS 3141 / 16AS2231 / 16AS 2600 IT / 16AS2601 IT / 16AS2631 IT INTERDAR

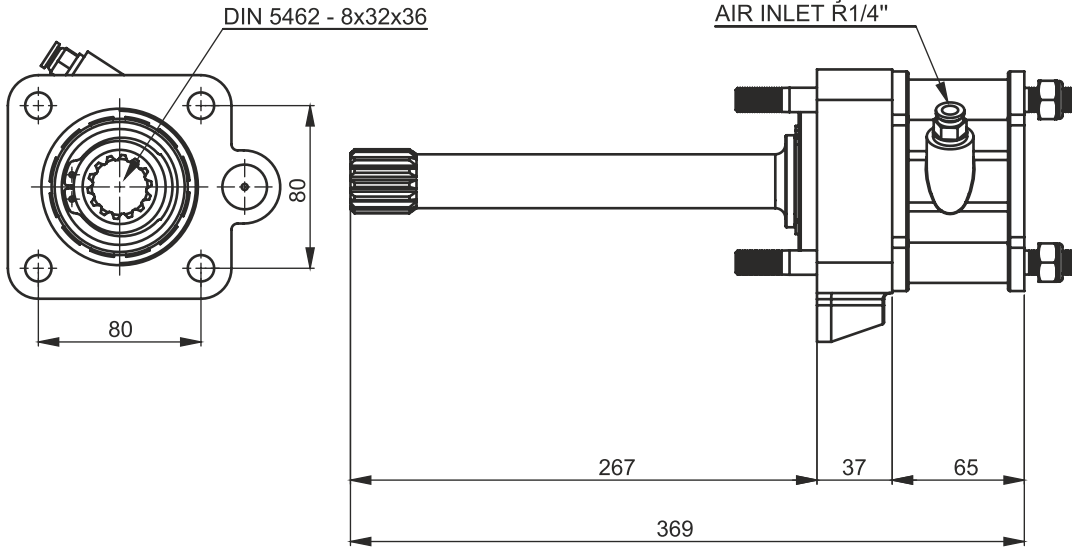
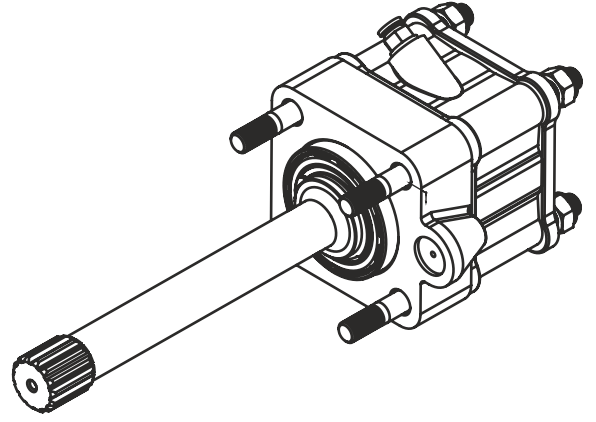
**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

TG - A 18,460A - 19,430 MAN EUROPE 6x4 / 3300 DAF - 85,330 CF DAF / 14,463 MAN / IVECO 480 STRALIS / 39,390 MAN TGA

P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
<b>17651138366</b>	48,9 Kg 479,7 Nm	-- Hp 25,7 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
513 rpm 513 rpm	----	7 Kg --- lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Kuyruk Rear	Havali Pneumatic	Sağ - ISO Right - ISO

**MAN ROTERDARLI**  
MAN ROTERDARLI

KODU / CODE: 17652138366



**GENEL BİLGİLER / GENERAL DATA**

**ANA ŞANZİMAN / MAIN GEARBOX**

ZF NEW ECOSPLIT 16S 2521 TO (13,80) (INTERDAR) ZF NEW ECOSPLIT 16S 2521 TO (16,41) / 16S 181 IT (16,41) 16S 2221 TD

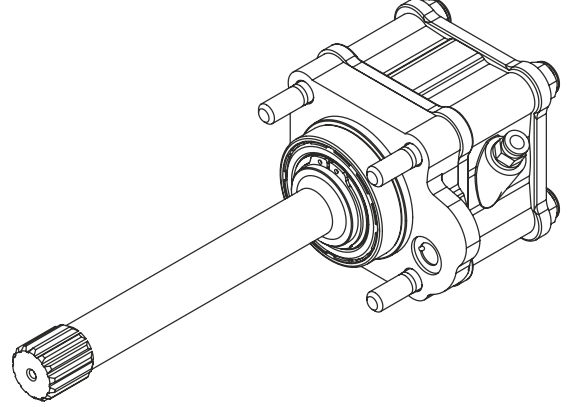
**KULLANILAN BAZI ARAÇLAR / USED VEHICLES**

14,463 - 39,390 MAN TGA - TG - A 18,460A - 19,430 MAN EUROPE 6x4 / 3300 DAF - 85,330 DAF / RENAULT PREMIUM 440 DXI / IVECO 480 STRALIS

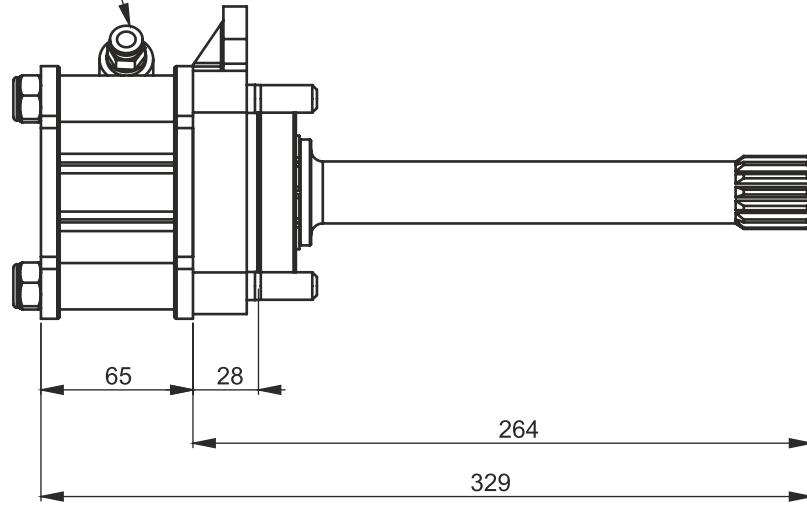
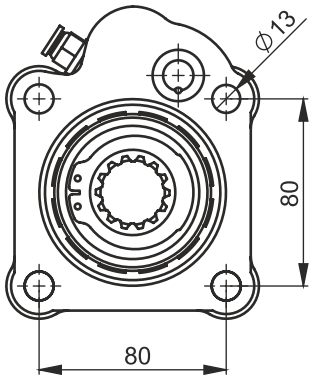
P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
<b>17652138366</b>	48,9 Kg 479,7 Nm	-- Hp 25,7 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
513 rpm 513 rpm	----	7 Kg --- lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Kuyruk Rear	Havali Pneumatic	Sağ - ISO Right - ISO

**MAN INTERDARLI**  
MAN INTERDARLI

KODU / CODE: 17653138366



HAVA GİRİŞİ R1/4"  
AIR INLET R1/4"



GENEL BİLGİLER / GENERAL DATA

ANA ŞANZİMAN / MAIN GEARBOX

ZF AS TRONIC 16AS251 / 16S251 + PLATE 12AS 1631 / 12AS1931 / 12AS2131 / 12AS2141 / 12AS2300 IT / 12AS2301 IT / 12AS2331 / 12AS2341 / 12AS2501 IT / 12AS2531 / 12AS2541 / 12AS2741 / 12AS2941 / 12AS3001 IT / 12AS3002 IT / 12AS3141 / 16AS2231 / 16AS2600 IT / 16AS2601 IT / 16AS2631 IT INTERDAR

KULLANILAN BAZI ARAÇLAR / USED VEHICLES

TG-A 18460A - 19,430 MAN EUROPE 6x4 / 3300 DAF - 85,330 CF DAF / 14,463 MAN / IVECO 480 STRALIS / 39,390 MAN TGA

P.T.O. KODU P.T.O. CODE	TORK TORQUE	GÜÇ (1000 rpm) POWER
<b>17653138366</b>	48,9 Kg 479,7 Nm	-- Hp 25,7 Kw
DEVİR SPEED	ORAN RATIO	AĞIRLIK WEIGHT
513 rpm 513 rpm	----	7 Kg --- lb
BAĞLANTI MOUNTING	KUMANDA CONTROL	DÖNÜŞ* PTO ROTATION
Kuyruk Rear	Havali Pneumatic	Sağ - ISO Right - ISO

## PLEYTLER / PLATES

MERCEDES 352

MERCEDES ACTROS A

MERCEDES ACTROS - AXOR

MERCEDES ATEGO 6 DELIKLİ / MERCEDES ATEGO 6 HOLE

MERCEDES ATEGO 7 DELIKLİ / MERCEDES ATEGO 7 HOLE

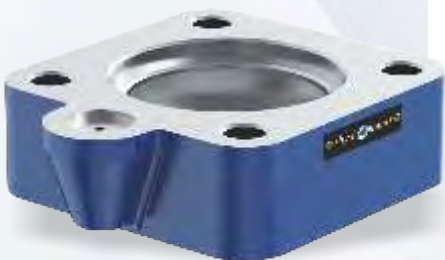
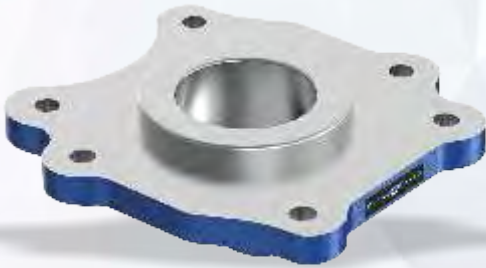
MAN

MAN ROTERDARLI / MAN RETARDER

MAN INTERDARLI / MAN INTARDER

VOLVO 1700

VOLVO R6







**MERCEDES 352**  
MERCEDES 352

KODU / CODE  
13235100000



**MAN**  
MAN

KODU / CODE  
13221100000



**MERCEDES ACTROS A**  
MERCEDES ACTROS A

KODU / CODE  
13233100000



**MAN ROTERDARLI**  
MAN RETARDER

KODU / CODE  
13221200000



**MERCEDES ACTROS - AXOR (G100-G155)**  
\*MERCEDES ACTROS - AXOR (G100-G155)

KODU / CODE  
13231200000



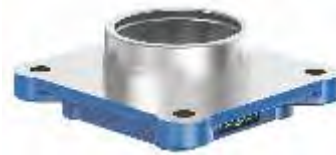
**MAN INTERDARLI**  
MAN INTERDARLI

KODU / CODE  
13259100000



**MERCEDES ATEGO 6 DELIKLI**  
MERCEDES ATEGO 6 HOLE

KODU / CODE  
13236100000



**VOLVO 1700**  
VOLVO 1700

KODU / CODE  
13254100000



**MERCEDES ATEGO 7 DELIKLI**  
MERCEDES ATEGO 7 HOLE

KODU / CODE  
13236200000

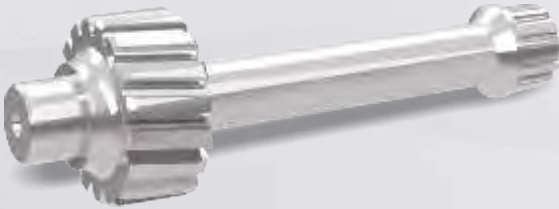


**VOLVO R6**  
VOLVO R6

KODU / CODE  
13252100000

## KARDAN MİLLERİ / CARDAN SHAFTS

ZF 9S 75 / ZF 9S 109 (12,91) / ZF 9S 109 (12,92) / ZF 16S 109 (15,53) ZF 16S 130 / ZF 16S 160 / ZF 16S 151	122
MERCEDES G155 ACTROS UZUN / MERCEDES G155 ACTROS KISA MERCEDES G3 65-90	123
ZF 16S 251 ROTERDARLI / ZF 16S 285 INTERDARLI	123
EATON 4106 / EATON 6109 - 8209 (DEV FATİH ESKİ TİP) EATON 6109 - 8209	123
VOLVO SR1700 KISA / VOLVO 1700 UZUN	124
SCANIA GRS 905 UZUN / SCANIA GRS 905 KISA	124
IVECO 2870 / IVECO 2895 / IVECO 2846	124
FULLER 17316 / FULLER 15612 - 11612	124





### ZF 9S 75

UZUNLUK LENGHT	AĞIRLIK Weight	KODU / CODE	KULLANILAN ARAÇLAR USED VEHICLE
248 mm	4,2 kg	15210075248	2521-2524-3324 MERCEDES 617-620-622-822 BMC PRO 1824-2524-2524D FORD CARGO 19.260- 26.260-26.265-32.260 FARGO 55.150-55.180- 55.180-55.210-55.230 DAF 823-923



### ZF 9S 109 (12.91)

UZUNLUK LENGHT	AĞIRLIK Weight	KODU / CODE	KULLANILAN ARAÇLAR USED VEHICLE
287 mm	4,6 kg	15211291287	32.270 MAN 827-832 BMC PRO 27026 FIAT 32-3226-3227C-3240-4030-4050 FORD CARGO 270-280 BMC 19.260 MAN



### ZF 9 S 109 (12.92)

UZUNLUK LENGHT	AĞIRLIK Weight	KODU / CODE	KULLANILAN ARAÇLAR USED VEHICLE
287 mm	4,6 kg	15211292287	18.220-19.270-25.270-26.230-26.270 MAN 1827- 2527-2626 FORD CARGO 75.270 DAF /S 18 -S21- S24-S29-S31 STAYER 270 BMC-7530 DAF



### ZF 16 S 109 (13.53)

UZUNLUK LENGHT	AĞIRLIK Weight	KODU / CODE	KULLANILAN ARAÇLAR USED VEHICLE
287 mm	4,8 kg	15221353287	17.323-19.230-19.340 MAN 3226-2530 FORD CARGO-320.32-370 RENAULT PREMIUM AS-19.300-36.300-32.300-38300 HI-EX CARGO ASKAM FTK 800-FVR 900-FTM



### ZF 16 S 130

UZUNLUK LENGHT	AĞIRLIK Weight	KODU / CODE	KULLANILAN ARAÇLAR USED VEHICLE
200 mm	1,4 kg	15220130200	16.281-19.280-19.422-25.272-26-231-32.281- 32.365-33.381-19.422-(SILENT) MAN 19.35-22.28 -24.33-2624-2628-2633-3828-4028- MERCEDES 33.300 95.330



### ZF 16 S 160

UZUNLUK LENGHT	AĞIRLIK Weight	KODU / CODE	KULLANILAN ARAÇLAR USED VEHICLE
214 mm	1,6 kg	15220160213	16.281-19.280-19.422-25.272-26-231-32.281- 32.365-33.381-19.422-(SILENT) MAN 19.35- 22.28-24.33-2624-2628-2633-3828-4028- MERCEDES 33.300 95.330



### ZF 16 S 151

UZUNLUK LENGHT	AĞIRLIK Weight	KODU / CODE	KULLANILAN ARAÇLAR USED VEHICLE
200 mm	1,4 kg	15220151200	MAN / MERCEDES/BMC PRO/FORD CARGO CHRYSELLER/HINO/FARGO/IVECO/DAF/DAEWOO RENAULT



### ZF 16 S 151

UZUNLUK LENGHT	AĞIRLIK Weight	KODU / CODE	KULLANILAN ARAÇLAR USED VEHICLE
213,5 mm	1,6 kg	15220151213	MAN / MERCEDES/BMC PRO/FORD CARGO CHRYSELLER/HINO/FARGO/IVECO/DAF/DAEWOO RENAULT



### ZF 16 S 151

UZUNLUK LENGHT	AĞIRLIK Weight	KODU / CODE	KULLANILAN ARAÇLAR USED VEHICLE
248 mm	1,7 kg	15220151248	MAN / MERCEDES/BMC PRO/FORD CARGO CHRYSELLER/HINO/FARGO/IVECO/DAF/DAEWOO RENAULT



### ZF 16 S 151

UZUNLUK LENGHT	AĞIRLIK Weight	KODU / CODE	KULLANILAN ARAÇLAR USED VEHICLE	MAN / MERCEDES/BMC PRO/FORD CARGO CHRYSELLER/HINO/FARGO/IVECO/DAF/DAEWOO RENAULT
285 mm	1,9 kg	15220151285		



### MERCEDES G 155 ACTROS UZUN

UZUNLUK LENGHT	AĞIRLIK Weight	KODU / CODE	KULLANILAN ARAÇLAR USED VEHICLE	16.281-19.280-19.422-25.272-26-231-32.281- 32.365-33.381-19.422-(SİLENT) MAN 19.35- 22.28-24.33-2624-2628-2633-3828-4028- MERCEDES 33.300 95.330
278 mm	2 kg	15220160213		



### MERCEDES G 155 ACTROS KISA

UZUNLUK LENGHT	AĞIRLIK Weight	KODU / CODE	KULLANILAN ARAÇLAR USED VEHICLE	1729-1735-1827-1834-1838-1929-1935-2038- 2429-2435-2527-2531-2534-2629-2631-2635- 2638-3229-3234-3534-3535-1931-1835-1840- 1844-1848-1850-1857-1934-1938
258 mm	1,8 kg	15236155258		



### MERCEDES G3 / 65-90

UZUNLUK LENGHT	AĞIRLIK Weight	KODU / CODE	KULLANILAN ARAÇLAR USED VEHICLE	1217-1219-1413-1419-1422-1613-1619-1922K 2024-2067- MERCEDES BENZ / UNIMOG BENZ
205 mm	1,6 kg	15236590205		



### ZF 165 251 RETORDARLI

UZUNLUK LENGHT	AĞIRLIK Weight	KODU / CODE	KULLANILAN ARAÇLAR USED VEHICLE	MAN / IVECO / DAF / RENAULT ROTTERDARSIZ ARAÇLAR
250 mm	1,6 kg	15220251248		



### ZF 165 285 INTERDARLI

UZUNLUK LENGHT	AĞIRLIK Weight	KODU / CODE	KULLANILAN ARAÇLAR USED VEHICLE	MAN/IVECO/DAF/RENAULT/ROTTERDARLI ARAÇLAR
285 mm	1,8 kg	15220251285		



### EATON 4106

UZUNLUK LENGHT	AĞIRLIK Weight	KODU / CODE	KULLANILAN ARAÇLAR USED VEHICLE	214.26-220.26 BMC FATİH 26.21 FORD CARGO 522 PRO
155 mm	1,2 kg	15244106155		



### EATON 6109 - 8209 (DEV FATİH ESKİ TIP)

UZUNLUK LENGHT	AĞIRLIK Weight	KODU / CODE	KULLANILAN ARAÇLAR USED VEHICLE	214.26-220.26 BMC FATİH 26.21 FORD CARGO 522 PRO
193 mm	1,4 kg	15246109193		



### EATON 6109-8209

UZUNLUK LENGHT	AĞIRLIK Weight	KODU / CODE	KULLANILAN ARAÇLAR USED VEHICLE	214.26-220.26 BMC FATİH 26.21 FORD CARGO 522 PRO
155 mm	1,4 kg	15246109155		



### ZF 9S 75

UZUNLUK LENGHT	AĞIRLIK Weight	KODU / CODE	KULLANILAN ARAÇLAR USED VEHICLE	FL10 320 - NL12 - FH16 520 - FH 12 420 - FM 12 FH12 - FH16 - FM10 - FM 12-FL 616 - FL 7 - F 10 FL 10 - F 12 - F16 - N 10 - N12 - FL 7 NL 12 - F 16 FH12 - FM7 VOLVO
254 mm	2,4 kg	15251700254		



### ZF 9S 75

UZUNLUK LENGHT	AĞIRLIK Weight	KODU / CODE	KULLANILAN ARAÇLAR USED VEHICLE	FL10 320 - NL12 - FH16 520 - FH 12 420 - FM 12 FH12 - FH16 - FM10 - FM 12-FL 616 - FL 7 - F 10 FL 10 - F 12 - F16 - N 10 - N12 - FL 7 NL 12 - F 16 FH12 - FM7 VOLVO
282 mm	2,5 kg	15251700282		



### ZF 9S 75

UZUNLUK LENGHT	AĞIRLIK Weight	KODU / CODE	KULLANILAN ARAÇLAR	R420 - G420 - EURO5 SCANIA
605 mm	3,2 kg	15265905510		



### ZF 9S 75

UZUNLUK LENGHT	AĞIRLIK Weight	KODU / CODE	KULLANILAN ARAÇLAR	R420 - G420 - EURO5 SCANIA
510 mm	3 kg	15265905605		



### ZF 9S 75

UZUNLUK LENGHT	AĞIRLIK Weight	KODU / CODE	KULLANILAN ARAÇLAR USED VEHICLE	120E18-123E23-130E15-130E18-130E23 150E15-150E18-150E23-170E18-170E23 180E21-250E21-100E18-100E23-100E15
206 mm	1 kg	15272870206		



### ZF 9S 75

UZUNLUK LENGHT	AĞIRLIK Weight	KODU / CODE	KULLANILAN ARAÇLAR USED VEHICLE	120E18-120E23-130E15-130E18-130E23-150E15 150E18-150E23-170E18-170E23-180E21-250E23 100E18-100E23-100E15 EURO CARGO IVECO
140 mm	1,2 kg	15272895140		



### ZF 9S 75

UZUNLUK LENGHT	AĞIRLIK Weight	KODU / CODE	KULLANILAN ARAÇLAR USED VEHICLE	FIAT IVECO 65.15-79.13-79.14-80.14 IVECO 65.12-79.12-95.14-00.13-109.14-135.14 ZETO IVECO
182 mm	1,2 kg	15272846182		



### ZF 9S 75

UZUNLUK LENGHT	AĞIRLIK Weight	KODU / CODE	KULLANILAN ARAÇLAR USED VEHICLE	19.463-SLIENT-19.314-19.364-19.464-18.403 35.403-21.314-24.417-27.364 MAN 35.314 35.414-37.464-41.414-41.603-41.464-50.414 MAN
152 mm	1,2 kg	15317316152		



### ZF 9S 75

UZUNLUK LENGHT	AĞIRLIK Weight	KODU / CODE	KULLANILAN ARAÇLAR USED VEHICLE	190.38 - 400E34 - 440E42 - 720E37 IVECO EUROTECH / EURO TRAKKER EUROSTAR STEYR / SEDDON 23.405
162 mm	1,4 kg	15315612162		

## ADAPTÖRLER - FLANŞLAR - KAPLINLER / ADAPTERS - FLANGES - COUPLINGS

### FLANŞLAR / FLANGES

6 FREZE 4 DELİKLİ FLANŞ $\varnothing 88$ / 6 SPLINE 4 HOLES	126
6 FREZE 4 DELİKLİ FLANŞ $\varnothing 98$ / 6 SPLINE 4 HOLES	
8 FREZE 4 DELİKLİ FLANŞ $\varnothing 88$ / 8 SPLINE 4 HOLES	126
8 FREZE 4 DELİKLİ FLANŞ $\varnothing 98$ / 8 SPLINE 4 HOLES	
6 FREZE 6 DELİKLİ BÜYÜK FLANŞ $\varnothing 98$ / 6 SPLINE 6 BIG HOLES	126
8 FREZE 6 DELİKLİ FLANŞ $\varnothing 98$ / 8 SPLINE 6 HOLES	

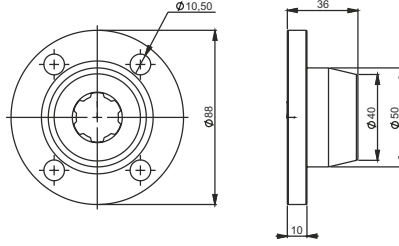
### ADAPTÖRLER / ADAPTERS

3x4 ADAPTÖR / 3x4 ADAPTOR	127
4x3 ADAPTÖR / 4x3 ADAPTOR	
4x3 ADAPTÖR (UZUN-RULMANLI) / 4x3 ADAPTOR (LONG-BEARING)	127
4x3 ŞAFTLI ADAPTÖR / 4x3 SHAFT WITH ADAPTOR	
4x3 RULMAN YATAKLI ŞAFTLI ADAPTÖR (UZUN) / 4x3 BEARING SHAFT ADAPTOR (LONG)	127
4x3 FLANŞLI ADAPTÖR (KISA) / 4x3 WITH FLANCE ADAPTOR (SHORT)	127
4x4 ADAPTÖR (KISA) / 4x4 ADAPTOR (SHORT)	
4x4 ADAPTÖR (UZUN) / 4x4 ADAPTOR (LONG)	128
4x4 ADAPTÖR FREZE / 4x4 ADAPTOR TRAILLET	

### KAPLINLER / COUPLINGS

6x6 KAPLIN FREZE / 6x6 COUPLING	128
6x8 KAPLIN FREZE / 6x8 COUPLING	

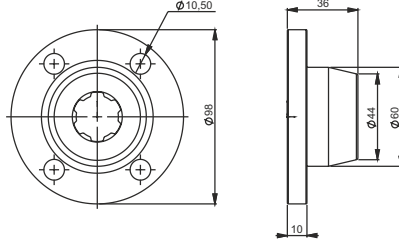




**6 FREZE 6 DELİKLİ FLANŞ Ø88**  
6 SPLINE 4 HOLES

KODU / CODE

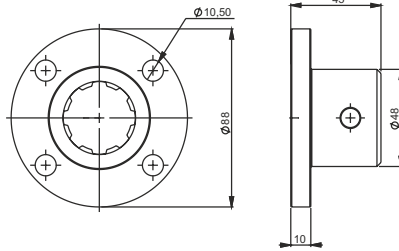
18209800640



**6 FREZE 4 DELİKLİ FLANŞ Ø98**  
6 SPLINE 4 HOLES

KODU / CODE

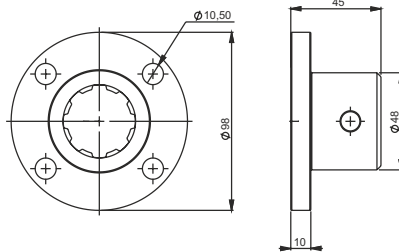
18208800640



**8 FREZE 4 DELİKLİ FLANŞ Ø88**  
8 SPLINE 4 HOLES

KODU / CODE

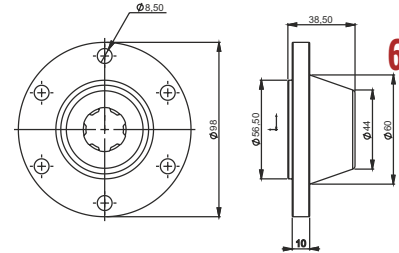
18208800840



**8 FREZE 4 DELİKLİ FLANŞ Ø98**  
8 SPLINE 4 HOLES

KODU / CODE

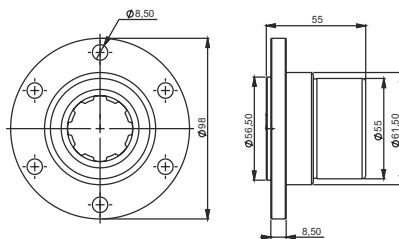
18209800840



**6 FREZE 6 DELİKLİ BÜYÜK FLANŞ Ø98**  
6 SPLINE 6 BIG HOLES

KODU / CODE

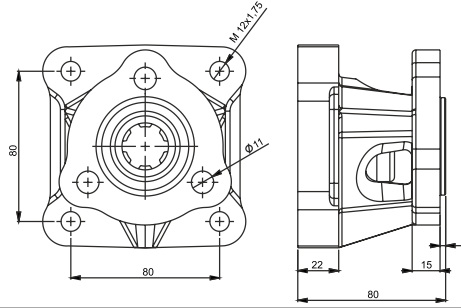
18209800660



**8 FREZE 6 DELİKLİ FLANŞ Ø98**  
8 SPLINE 6 HOLES

KODU / CODE

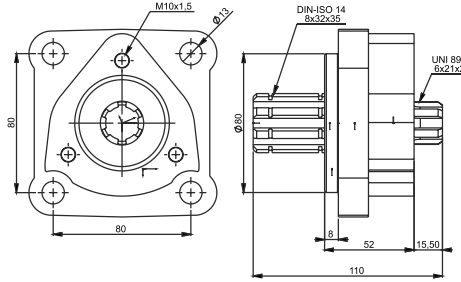
18209800860



**3X4 ADAPTÖR**  
3X4 ADAPTOR

KODU / CODE

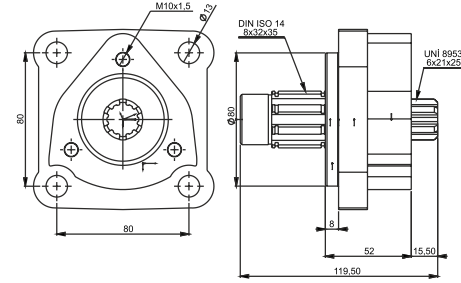
18303400000



**4X3 ADAPTÖR**  
4X3 ADAPTOR

KODU / CODE

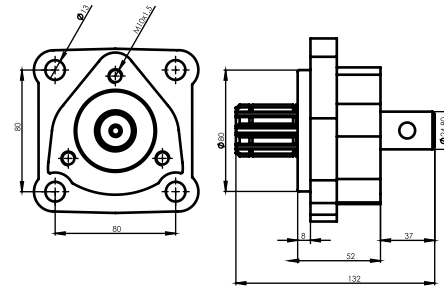
18304300000



**4X3 ADAPTÖR (UZUN-RULMANLI)**  
4X3 ADAPTOR (LONG-BEARING)

KODU / CODE

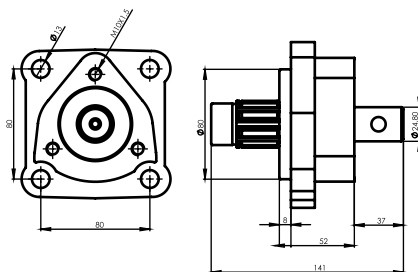
18304310200



**4X3 ŞAFTLI ADAPTÖR**  
4X3 SHAFT WITH ADAPTOR

KODU / CODE

18304301000

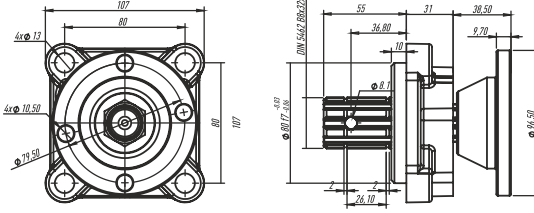


**4X3 RULMAN YATAKLI ŞAFTLI ADAPTÖR (UZUN)**  
4X3 BEARING SHAFT ADAPTOR (LONG)

KODU / CODE

18304311200

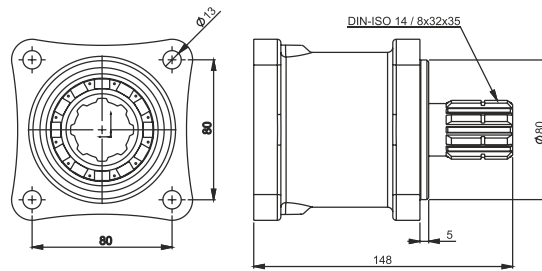




**4X3 FLANSLI ADAPTÖR (KISA)**  
4X3 WITH FLANCE ADAPTOR (SHORT)

KODU / CODE

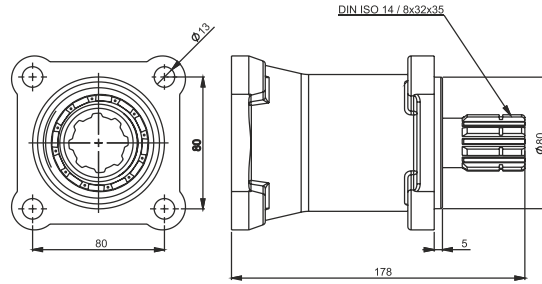
18304302100



**4X4 ADAPTÖR (KISA)**  
4X4 ADAPTOR (SHORT)

KODU / CODE

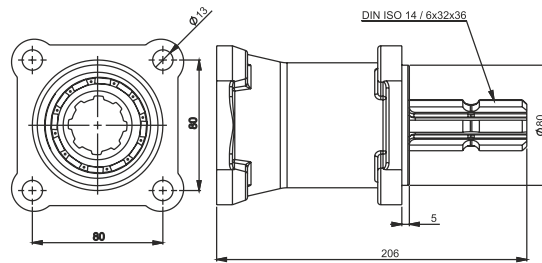
18304410100



**4X4 ADAPTÖR (UZUN)**  
4X4 ADAPTOR (LONG)

KODU / CODE

18304312200



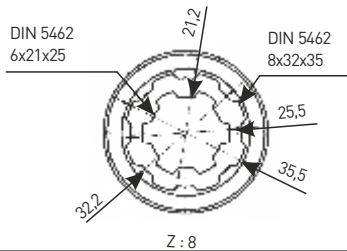
**4X4 ADAPTÖR 6 FREZE**  
4X4 ADAPTOR 6 TRAILLET

KODU / CODE

18304410200

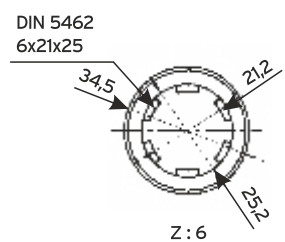
**MERCEDES 352** MERCEDES 352

KODU / CODE 13235100000



**MERCEDES 352** MERCEDES 352

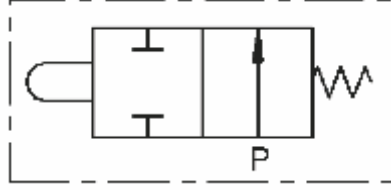
KODU / CODE 13235100000



## HİDROLİK VALFLER / HYDRAULIC VALVES

SINIR KONTROL VALFİ AÇIK DEVRE / LIMIT CONTROL VALVE OPEN LOOPS	130
SINIR KONTROL VALFİ KAPALI DEVRE / LIMIT CONTROL VALVE CLOSED LOOPS	130
YÖN DENETİM VALFİ / DIRECTIONAL CONTROL VALVE	130
YÖN DENETİM VALFİ TANK TİPİ / DIRECTIONAL CONTROL VALVE TANK TYPE	131
YÖN DENETİM VALFİ T5 TİPİ (MEKANİK) DIRECTIONAL CONTROL VALVE T5 TYPE (MECHANIC)	131
YÖN DENETİM VALFİ VAKUMLU / DIRECTIONAL CONTROL VALVE VACUUM	131
3 YOLLU VANA - 4 YOLLU VANA / 3 WAYS VALVE - 4 WAYS VALVE	131
4B YÖN DENETİM VALFİ / 4B DIRECTIONAL CONTROL VALVE	132
3B YÖN DENETİM VALFİ / 3B DIRECTIONAL CONTROL VALVE	132
MEKANİK İNDİRME VALFİ / MECHANIC DIRECTIONAL VALVE	132
YÖN DENETİM VALFİ T6 TİPİ / DIRECTIONAL CONTROL VALVE T6 TYPE	132

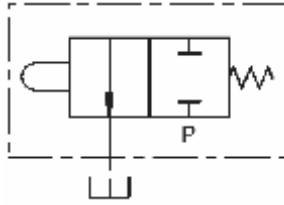




**AÇIK DEVRE SINIR KONTROL VALFİ**  
LIMIT DIRECTIONAL VALVE (OPEN LOOP)

KOD / CODE	VALF TİPİ / VALVE TYPE	DEBİ VERİM / DEBI EFFICIENCY	ÇAL. BAS. / WORK PRESS.	MAX. BAS. / MAX. PRESS.	AĞIRLIK KG. / WEIGHT KG
1410100700	3/4"	110	---	230	1,6 Kg
14101067000	1"	140	---	230	1,6 Kg

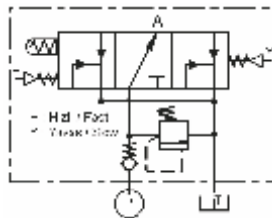
KOD / CODE VALF TİPİ / VALVE TYPE DEBİ VERİM / DEBI EFFICIENCY ÇALIŞMA BASINCI / WORK PRESSURE MAX. BASINÇ / MAX PRESSURE AĞIRLIK KG / WEIGHT KG



**KAPALI DEVRE SINIR KONTROL VALFİ**  
LIMIT CONTROL VALVE (CLOSED LOOP)

KOD / CODE	VALF TİPİ / VALVE TYPE	DEBİ VERİM / DEBI EFFICIENCY	ÇAL. BAS. / WORK PRESS.	MAX. BAS. / MAX. PRESS.	AĞIRLIK KG. / WEIGHT KG
14102007000	3/4"	110	---	230	1,6 Kg
14101067000	1"	140	---	230	1,6 Kg

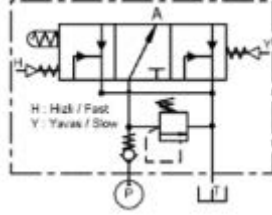
KOD / CODE VALF TİPİ / VALVE TYPE DEBİ VERİM / DEBI EFFICIENCY ÇALIŞMA BASINCI / WORK PRESSURE MAX. BASINÇ / MAX PRESSURE AĞIRLIK KG / WEIGHT KG



**YÖN DENETİM VALFİ**  
DIRECTIONAL CONTROL VALVE

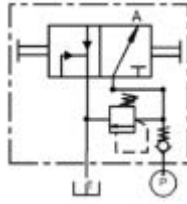
KOD / CODE	VALF TİPİ / VALVE TYPE	DEBİ VERİM / DEBI EFFICIENCY	ÇAL. BAS. / WORK PRESS.	MAX. BAS. / MAX. PRESS.	AĞIRLIK KG. / WEIGHT KG
14210008000	3/4"	110	180	230	5,5 Kg
14210068000	1"	140	180	230	5,5 Kg

KOD / CODE VALF TİPİ / VALVE TYPE DEBİ VERİM / DEBI EFFICIENCY ÇALIŞMA BASINCI / WORK PRESSURE MAX. BASINÇ / MAX PRESSURE AĞIRLIK KG / WEIGHT KG



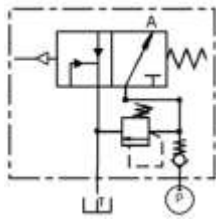
**YÖN DENETİM VALFİ TANK TİPİ**  
DIRECTIONAL CONTROL VALVE TANK TYPE

KOD / CODE	VALF TİPİ / VALVE TYPE	DEBİ VERİM / DEBI EFFICIENCY	ÇAL. BAS. / WORK PRESS.	MAX. BAS. / MAX. PRESS.	AĞIRLIK KG. / WEIGHT KG
14211008000	3/4"	110	180	230	7,5 Kg
14211068000	1"	140	180	230	7,5 Kg



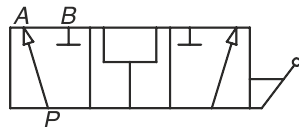
**YÖN DENETİM VALF T-5 TİPİ (MEKANİK)**  
DIRECTIONAL CONTROL VALVE T-5 TYPE (MECHANICAL)

KOD / CODE	VALF TİPİ / VALVE TYPE	DEBİ VERİM / DEBI EFFICIENCY	ÇAL. BAS. / WORK PRESS.	MAX. BAS. / MAX. PRESS.	AĞIRLIK KG. / WEIGHT KG
14210007000	3/4"	110	180	230	5,5 Kg
14210067000	1"	140	180	230	5,5 Kg



**YÖN DENETİM VALFİ VAKUMLU**  
DIRECTIONAL CONTROL VALVE VACUM

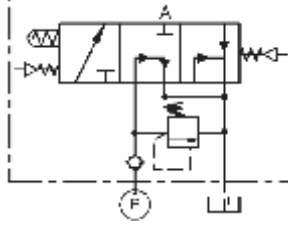
KOD / CODE	VALF TİPİ / VALVE TYPE	DEBİ VERİM / DEBI EFFICIENCY	ÇAL. BAS. / WORK PRESS.	MAX. BAS. / MAX. PRESS.	AĞIRLIK KG. / WEIGHT KG
14210009000	3/4"	110	180	230	6 Kg
14210069000	1"	140	180	230	6 Kg



**3 YOLLU VANA - 4 YOLLU VANA**  
3 WAYS VALVE - 4 WAYS VALVE

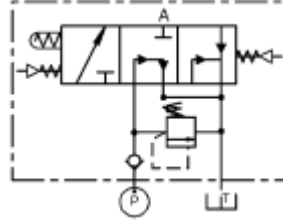
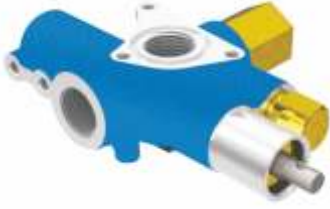
3 YOLLU VANA / 3 WAYS VALVE	KOD / CODE	GİRİŞ - ÇIKIŞ / INLET - OUTLET
	14403047000	1/2"
	14403057000	3/4"
	14403067000	1"

4 YOLLU VANA / 4 WAYS VALVE	KOD / CODE	GİRİŞ - ÇIKIŞ / INLET - OUTLET
	14404047000	1/2"
	14404057000	3/4"
	14404067000	1"



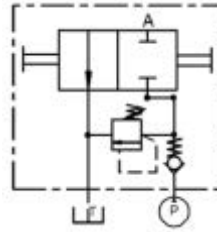
**4B YÖN DENETİM VALFİ**  
4B DIRECTIONAL CONTROL VALVE

KOD / CODE	VALF TİPİ / VALVE TYPE	DEBİ VERİM / DEBI EFFICIENCY	ÇAL. BAS. / WORK PRESS.	MAX. BAS. / MAX. PRESS.	AĞIRLIK KG. / WEIGHT KG
14224008000	4B	140	180	230	5,5 Kg



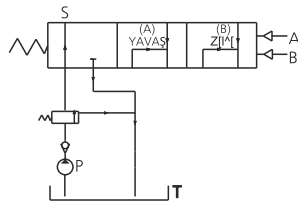
**3B YÖN DENETİM VALFİ**  
3B DIRECTIONAL CONTROL VALVE

KOD / CODE	VALF TİPİ / VALVE TYPE	DEBİ VERİM / DEBI EFFICIENCY	ÇAL. BAS. / WORK PRESS.	MAX. BAS. / MAX. PRESS.	AĞIRLIK KG. / WEIGHT KG
14223008000	3B	140	180	230	4 Kg



**MEKANİK İNDİRME VALFİ**  
MECHANIC DIRECTIONAL VALVE

KOD / CODE	VALF TİPİ / VALVE TYPE	DEBİ VERİM / DEBI EFFICIENCY	ÇAL. BAS. / WORK PRESS.	MAX. BAS. / MAX. PRESS.	AĞIRLIK KG. / WEIGHT KG
14300007000	Mekanik / Mechanical	140	---	230	2 Kg



**HİDROLİK KONTROL VALFİ (T-6 TİPİ)**  
HYDRAULIC CONTROL VALVE (T-6 TYPE)

KOD / CODE	VALF TİPİ / VALVE TYPE	DEBİ VERİM / DEBI EFFICIENCY	ÇAL. BAS. / WORK PRESS.	MAX. BAS. / MAX. PRESS.	AĞIRLIK KG. / WEIGHT KG
14260007000	Yön Denetim Valfi T6 3/4"	110	170	126	4,5 Kg
14260067000	Yön Denetim Valfi T6 1"	110	170	126	4,5 Kg

## KUMANDA KOLLARI / CONTROL VALVES

40 LT MONOBLOK KUMANDA KOLU / 40 LT MONOBLOK CONTROL VALVE **134**

45 LT MONOBLOK KUMANDA KOLU / 45 LT MONOBLOK CONTROL VALVE **134**

70 LT MONOBLOK KUMANDA KOLU / 70 LT MONOBLOK CONTROL VALVE **134**

80 LT MONOBLOK KUMANDA KOLU / 80 LT MONOBLOK CONTROL VALVE **134**

80 LT DİLİMLİ (PARÇALI) KUMANDA KOLU / 80 LT SELECTION CONTROL VALVE **135**

100 LT DİLİMLİ (PARÇALI) KUMANDA KOLU / 100 LT SELECTION CONTROL VALVE **135**

120 LT DİLİMLİ (PARÇALI) KUMANDA KOLU / 120 LT SELECTION CONTROL VALVE **136**

150 LT DİLİMLİ (PARÇALI) KUMANDA KOLU / 150 LT SELECTION CONTROL VALVE **136**





**40 LT MONOBLOK KUMANDA KOLU**  
40 LT MONOBLOCK CONTROL VALVE

KOD CODE	ÜRÜN ADI PRODUCT NAME	ÖLÇÜ DIMENSION	LİTRE LT
65104001130	HYD-M-40-1P	3/8	40

KOD CODE	ÜRÜN ADI PRODUCT NAME	ÖLÇÜ DIMENSION	LİTRE LT
65104001140	HYD-M-40-1P	1/2	40



**45 LT MONOBLOK KUMANDA KOLU**  
45 LT MONOBLOCK CONTROL VALVE

KOD CODE	ÜRÜN ADI PRODUCT NAME	ÖLÇÜ DIMENSION	LİTRE LT
65104501130	HYD-M-45-1P	3/8	45
65104502130	HYD-M-45-2P	3/8	45
65104503130	HYD-M-45-3P	3/8	45
65104504130	HYD-M-45-4P	3/8	45
65104505130	HYD-M-45-5P	3/8	45
65104506130	HYD-M-45-6P	3/8	45
65104507130	HYD-M-45-7P	3/8	45

KOD CODE	ÜRÜN ADI PRODUCT NAME	ÖLÇÜ DIMENSION	LİTRE LT
65104501040	HYD-M-45-1P	1/2	45
65104502040	HYD-M-45-2P	1/2	45
65104503040	HYD-M-45-3P	1/2	45
65104504040	HYD-M-45-4P	1/2	45
65104505040	HYD-M-45-5P	1/2	45
65104506040	HYD-M-45-6P	1/2	45
65104507040	HYD-M-45-6P	1/2	45



**70 LT MONOBLOK KUMANDA KOLU**  
70 LT MONOBLOCK CONTROL VALVE

KOD CODE	ÜRÜN ADI PRODUCT NAME	ÖLÇÜ DIMENSION	LİTRE LT
65107001050	HYD-M-70-1P	3/4	70
65107002050	HYD-M-70-2P	3/4	70
65107003050	HYD-M-70-3P	3/4	70
65107004050	HYD-M-70-4P	3/4	70
65107005050	HYD-M-70-5P	3/4	70
65107006050	HYD-M-70-6P	3/4	70

KOD CODE	ÜRÜN ADI PRODUCT NAME	ÖLÇÜ DIMENSION	LİTRE LT
65107001040	HYD-M-70-1P	1/2	70
65107002040	HYD-M-70-2P	1/2	70
65107003040	HYD-M-70-3P	1/2	70
65107004040	HYD-M-70-4P	1/2	70
65107005040	HYD-M-70-5P	1/2	70
65107006040	HYD-M-70-6P	1/2	70



**80 LT MONOBLOK KUMANDA KOLU**  
80 LT MONOBLOCK CONTROL VALVE

KOD CODE	ÜRÜN ADI PRODUCT NAME	ÖLÇÜ DIMENSION	LİTRE LT
65108001050	HYD-M-80-1P	3/4	80
65108002050	HYD-M-80-2P	3/4	80
65108003050	HYD-M-80-3P	3/4	80
65108004050	HYD-M-80-4P	3/4	80
65108005050	HYD-M-80-5P	3/4	80
65108006050	HYD-M-80-6P	3/4	80

KOD CODE	ÜRÜN ADI PRODUCT NAME	ÖLÇÜ DIMENSION	LİTRE LT
65108001040	HYD-M-80-1P	1/2	80
65108002040	HYD-M-80-2P	1/2	80
65108003040	HYD-M-80-3P	1/2	80
65108004040	HYD-M-80-4P	1/2	80
65108005040	HYD-M-80-5P	1/2	80
65108006040	HYD-M-80-6P	1/2	80

**80 LT DİLİMLİ (PARÇALI) KUMANDA KOLU**  
80 LT SELECTION CONTROL VALVE



KOD CODE	ÜRÜN ADI PRODUCT NAME	ÖLÇÜ DIMENSION	LİTRE LT
65208001050	HYD-PD-80-1P	3/4	80
65208002050	HYD-PD-80-2P	3/4	80
65208003050	HYD-PD-80-3P	3/4	80
65208004050	HYD-PD-80-4P	3/4	80
65208005050	HYD-PD-80-5P	3/4	80
65208006050	HYD-PD-80-6P	3/4	80
65208007050	HYD-PD-80-7P	3/4	80
65208008050	HYD-PD-80-8P	3/4	80
65208009050	HYD-PD-80-9P	3/4	80
65208010050	HYD-PD-80-10P	3/4	80
65208011050	HYD-PD-80-11P	3/4	80
65208012050	HYD-PD-80-12P	3/4	80

KOD CODE	ÜRÜN ADI PRODUCT NAME	ÖLÇÜ DIMENSION	LİTRE LT
65208001040	HYD-PD-80-1P	1/2	80
65208002040	HYD-PD-80-2P	1/2	80
65208003040	HYD-PD-80-3P	1/2	80
65208004040	HYD-PD-80-4P	1/2	80
65208005040	HYD-PD-80-5P	1/2	80
65208006040	HYD-PD-80-6P	1/2	80
65208007040	HYD-PD-80-7P	1/2	80
65208008040	HYD-PD-80-8P	1/2	80
65208009040	HYD-PD-80-9P	1/2	80
65208010040	HYD-PD-80-10P	1/2	80
65208011040	HYD-PD-80-11P	1/2	80
65208012040	HYD-PD-80-12P	1/2	80

**100 LT DİLİMLİ (PARÇALI) KUMANDA KOLU**  
100 LT SELECTION CONTROL VALVE



KOD CODE	ÜRÜN ADI PRODUCT NAME	ÖLÇÜ DIMENSION	LİTRE LT
65210001050	HYD-PD-100-1P	3/4	100
65210002050	HYD-PD-100-2P	3/4	100
65210003050	HYD-PD-100-3P	3/4	100
65210004050	HYD-PD-100-4P	3/4	100
65210005050	HYD-PD-100-5P	3/4	100
65210006050	HYD-PD-100-6P	3/4	100
65210007050	HYD-PD-100-7P	3/4	100
65210008050	HYD-PD-100-8P	3/4	100
65210009050	HYD-PD-100-9P	3/4	100
65210010050	HYD-PD-100-10P	3/4	100
65210011050	HYD-PD-100-11P	3/4	100
65210012050	HYD-PD-100-12P	3/4	100

KOD CODE	ÜRÜN ADI PRODUCT NAME	ÖLÇÜ DIMENSION	LİTRE LT
6521001040	HYD-PD-100-1P	1/2	100
6521002040	HYD-PD-100-2P	1/2	100
6521003040	HYD-PD-100-3P	1/2	100
6521004040	HYD-PD-100-4P	1/2	100
6521005040	HYD-PD-100-5P	1/2	100
6521006040	HYD-PD-100-6P	1/2	100
6521007040	HYD-PD-100-7P	1/2	100
6521008040	HYD-PD-100-8P	1/2	100
6521009040	HYD-PD-100-9P	1/2	100
65210010040	HYD-PD-100-10P	1/2	100
65210011040	HYD-PD-100-11P	1/2	100
65210012040	HYD-PD-100-12P	1/2	100



**120 LT DİLİMLİ (PARÇALI) KUMANDA KOLU**  
120 LT SELECTION CONTROL VALVE



KOD CODE	ÜRÜN ADI PRODUCT NAME	ÖLÇÜ DIMENSION	LİTRE LT
65212001050	HYD-PD-120-1P	3/4	120
65212002050	HYD-PD-120-2P	3/4	120
65212003050	HYD-PD-120-3P	3/4	120
65212004050	HYD-PD-120-4P	3/4	120
65212005050	HYD-PD-120-5P	3/4	120
65212006050	HYD-PD-120-6P	3/4	120
65212007050	HYD-PD-120-7P	3/4	120
65212008050	HYD-PD-120-8P	3/4	120
65212009050	HYD-PD-120-9P	3/4	120
65212010050	HYD-PD-120-10P	3/4	120
65212011050	HYD-PD-120-11P	3/4	120
65212012050	HYD-PD-120-12P	3/4	120

KOD CODE	ÜRÜN ADI PRODUCT NAME	ÖLÇÜ DIMENSION	LİTRE LT
65212001040	HYD-PD-120-1P	1/2	120
65212002040	HYD-PD-120-2P	1/2	120
65212003040	HYD-PD-120-3P	1/2	120
65212004040	HYD-PD-120-4P	1/2	120
65212005040	HYD-PD-120-5P	1/2	120
65212006040	HYD-PD-120-6P	1/2	120
65212007040	HYD-PD-120-7P	1/2	120
65212008040	HYD-PD-120-8P	1/2	120
65212009040	HYD-PD-120-9P	1/2	120
65212010040	HYD-PD-120-10P	1/2	120
65212011040	HYD-PD-120-11P	1/2	120
65212012040	HYD-PD-120-12P	1/2	120

**150 LT DİLİMLİ (PARÇALI) KUMANDA KOLU**  
150 LT SELECTION CONTROL VALVE



KOD CODE	ÜRÜN ADI PRODUCT NAME	ÖLÇÜ DIMENSION	LİTRE LT
65215001050	HYD-PD-150-1P	3/4"	150
65215002050	HYD-PD-150-2P	3/4"	150
65215003050	HYD-PD-150-3P	3/4"	150
65215004050	HYD-PD-150-4P	3/4"	150
65215005050	HYD-PD-150-5P	3/4"	150
65215006050	HYD-PD-150-6P	3/4"	150
65215007050	HYD-PD-150-7P	3/4"	150
65215008050	HYD-PD-150-8P	3/4"	150
65215009050	HYD-PD-150-9P	3/4"	150
65215010050	HYD-PD-150-10P	3/4"	150
65215011050	HYD-PD-150-11P	3/4"	150
65215012050	HYD-PD-150-12P	3/4"	150

KOD CODE	ÜRÜN ADI PRODUCT NAME	ÖLÇÜ DIMENSION	LİTRE LT
65215001060	HYD-PD-150-1P	1"	150
65215002060	HYD-PD-150-2P	1"	150
65215003060	HYD-PD-150-3P	1"	150
65215004060	HYD-PD-150-4P	1"	150
65215005060	HYD-PD-150-5P	1"	150
65215006060	HYD-PD-150-6P	1"	150
65215007060	HYD-PD-150-7P	1"	150
65215008060	HYD-PD-150-8P	1"	150
65215009060	HYD-PD-150-9P	1"	150
65215010060	HYD-PD-150-10P	1"	150
65215011060	HYD-PD-150-11P	1"	150
65215012060	HYD-PD-150-12P	1"	150

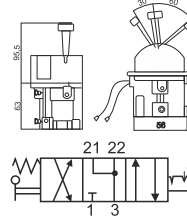
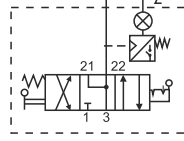
## PNÖMATİK KONTROL / PNEUMATIC CONTROL

JOİSTİK 3 KONUMLU	138
SELENOİD VALF SETİ 12 V / SELENOID VALVE SET 12 V SELENOİD VALF SETİ 24 V / SELENOID VALVE SET 24 V	138
SELENOİD VALF SETİ 2'Lİ 12 V / SELENOID VALVE SET x2 12 V SELENOİD VALF SETİ 2'Lİ 24 V / SELENOID VALVE SET x2 24 V	138
SELENOİD VALF SETİ 3'LÜ 12 V / SELENOID VALVE SET x3 12 V SELENOİD VALF SETİ 3'LÜ 24 V / SELENOID VALVE SET x3 24 V	139
SELENOİD VALF SETİ 4'LÜ 12 V / SELENOID VALVE SET x4 12 V SELENOİD VALF SETİ 4'LÜ 24 V / SELENOID VALVE SET x4 24 V	139
1'Lİ DAMPER DÜĞMESİ / 1 WAY SWITCH	140
2'Lİ DAMPER DÜĞMESİ / 2 WAY SWITCH	140
3'LÜ DAMPER DÜĞMESİ / 3 WAY SWITCH	140
4'LÜ DAMPER DÜĞMESİ / 4 WAY SWITCH	140



**JOİSTİK 3 KONUMLU**  
JOYSTICK 3 POSITION

KODU / CODE: 63013341000



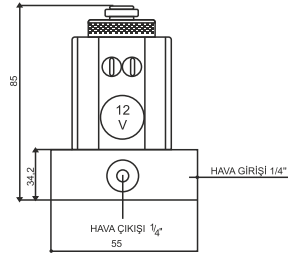
Max. Basınç / Max Pressure	10 Bar
Min. Basınç / Min Pressure	5 Bar
Hava Girişi / Air Inlet	G 1/8
Egzoz Çıkışı / Air Exhaust	M5
İndirme Bağlantısı / Lowering Connection	G 1/8
Kaldırma Bağlantısı / Tipping Connection	G 1/8

**SELENOİD VALF SETİ 12V / SOLENOID VALVE SET 12V**  
**SELENOİD VALF SETİ 24V / SOLENOID VALVE SET 24V**

KODU / CODE

67011001000

67011002000



Çalışma Voltajı / Permissible Medium

10 Bar

Akım Tipi / Current Type

6 Bar

Nominal Akım / Nominal Current

-40, +80 C

Sıcaklık / Temperature

Hava

Çalışma Ortamı / Permissible Medium

12 Volt 24 Volt

Nominal Voltaj / Nominal Current

650 mA

Akım Tipi / Current Type

Doğru Akım (DC)

Ağırlık / Weight

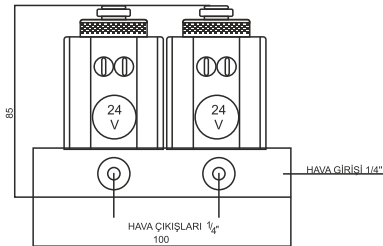
0.2 kg

**SELENOİD VALF SETİ 2'Lİ 12V / SOLENOID VALVE SET X2 12V**  
**SELENOİD VALF SETİ 2'Lİ 24V / SOLENOID VALVE SET X2 24V**

KODU / CODE

67012001000

67012002000



Çalışma Voltajı / Permissible Medium

10 Bar

Akım Tipi / Current Type

6 Bar

Nominal Akım / Nominal Current

-40, +80 C

Sıcaklık / Temperature

Hava

Çalışma Ortamı / Permissible Medium

12 Volt 24 Volt

Nominal Voltaj / Nominal Current

650 mA

Akım Tipi / Current Type

Doğru Akım (DC)

Ağırlık / Weight

0.3 kg

**SELENOİD VALF SETİ 3'LÜ 12V / SOLENOID VALVE SET X3 12V**

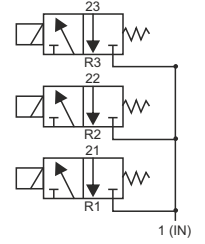
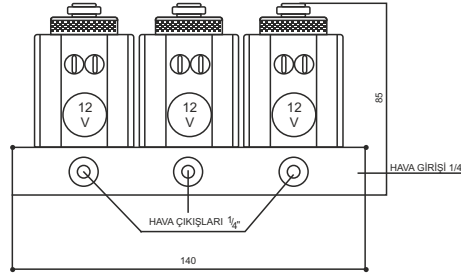
KODU / CODE : 67013001000

**SELENOİD VALF SETİ 3'LÜ 24V / SOLENOID VALVE SET X3 24V**

KODU / CODE : 67013002000



Çalışma Voltajı / Permissible Medium	10 Bar
Akım Tipi / Current Type	6 Bar
Nominal Akım / Nominal Current	-40, +80 C
Sıcaklık / Temperature	Hava
Çalışma Ortamı / Permissible Medium	12 Volt 24 Volt
Nominal Voltaj / Nominal Current	650 mA
Akım Tipi / Current Type	Doğru Akım (DC)
Ağırlık / Weight	1.1 kg



**SELENOİD VALF SETİ 4'LÜ 12V / SOLENOID VALVE SET X4 12V**

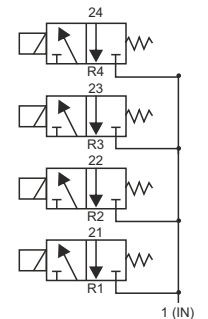
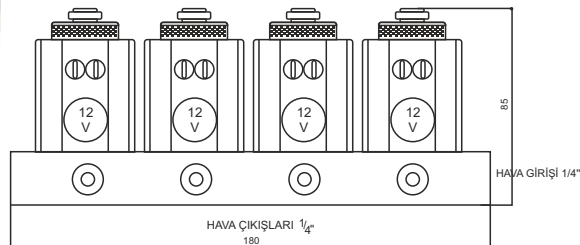
KODU / CODE : 67014001000

**SELENOİD VALF SETİ 4'LÜ 24V / SOLENOID VALVE SET X4 24V**

KODU / CODE : 67014002000

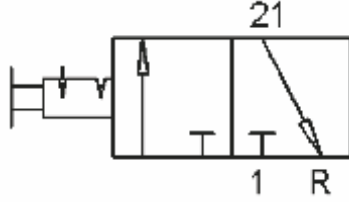


Çalışma Voltajı / Permissible Medium	10 Bar
Akım Tipi / Current Type	6 Bar
Nominal Akım / Nominal Current	-40, +80 C
Sıcaklık / Temperature	Hava
Çalışma Ortamı / Permissible Medium	12 Volt 24 Volt
Nominal Voltaj / Nominal Current	650 mA
Akım Tipi / Current Type	Doğru Akım (DC)
Ağırlık / Weight	1.5 kg



**1'Lİ DAMPER DÜĞMESİ / 1 WAY SWITCH**

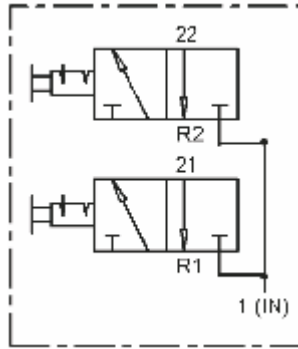
KODU / CODE 63021000100



P - Hava Girişi / Air Inlet	G 1/8
R - Hava Girişi / Air Outlet	G 1/8
Max. Basınç / Max Pressure	10 Bar
Sıcaklık / Temperature	-40, +80 C
Çalışma Ortamı / Permissible Medium	Hava
Bağlantı Şekli / Conneciton Type	Opsiyonel
Ağırlık / Weight	0.100 kg

**2'Lİ DAMPER DÜĞMESİ / 2 WAY SWITCH**

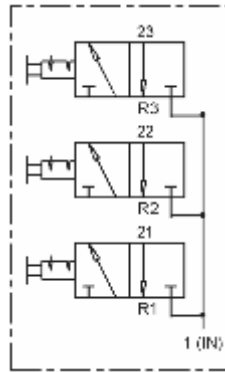
KODU / CODE 63022000100



P - Hava Girişi / Air Inlet	G 1/8
R - Hava Girişi / Air Outlet	G 1/8
Max. Basınç / Max Pressure	10 Bar
Sıcaklık / Temperature	-40, +80 C
Çalışma Ortamı / Permissible Medium	Hava
Bağlantı Şekli / Conneciton Type	Opsiyonel
Ağırlık / Weight	0.178 kg

**3'Lİ DAMPER DÜĞMESİ / 3 WAY SWITCH**

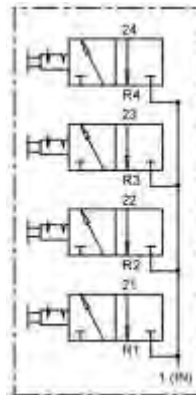
KODU / CODE 63023000100



P - Hava Girişi / Air Inlet	G 1/8
R - Hava Girişi / Air Outlet	G 1/8
Max. Basınç / Max Pressure	10 Bar
Sıcaklık / Temperature	-40, +80 C
Çalışma Ortamı / Permissible Medium	Hava
Bağlantı Şekli / Conneciton Type	Opsiyonel
Ağırlık / Weight	0.230 kg

**4'LÜ DAMPER DÜĞMESİ / 4 WAY SWITCH**

KODU / CODE 63024000100



P - Hava Girişi / Air Inlet	G 1/8
R - Hava Girişi / Air Outlet	G 1/8
Max. Basınç / Max Pressure	10 Bar
Sıcaklık / Temperature	-40, +80 C
Çalışma Ortamı / Permissible Medium	Hava
Bağlantı Şekli / Conneciton Type	Opsiyonel
Ağırlık / Weight	0.330 kg

# NEOMPART

## HYDRAULIC

### YAĞ TANKLARI / OIL TANKS

YAĞ TANKI ŞASE ALTI GALVANİZ / STEEL SIDE MOUNT OIL TANK GALVANIZED

YAĞ TANKI ŞASE ALTI ALÜMİNYUM / ALUMINUM SIDE MOUNT OIL TANK

YAĞ TANKI ŞASE ÜSTÜ GALVANİZ KUŞAKLI / STEEL REARCUN OIL TANK BELTED

YAĞ TANKI ŞASE ÜSTÜ ALÜMİNYUM KUŞAKLI / ALUMINUM REAR CUB OIL TANK BELTED



**YAĞ TANKI ŞASE ALTI GALVANİZ**  
STEEL SIDE MOUNT OIL TANK GALVANIZED



KOD CODE	ÖLÇÜ SIZE
61104050402	40x50x40-65 LT
61104050504	40x50x50-80 LT
61104051006	40x50x60-100 LT
61108120409	56x64x40-120 LT
61108120514	56x64x50-160 LT
61108121018	56x64x60-190 LT
61111140413	62x67x40-150 LT
61111140517	62x67x50-180 LT
61111141022	62x67x60-220 LT
61117170416	71x71x40-170 LT
61117170523	71x71x50-225 LT
61117171027	71x71x60-270 LT

**YAĞ TANKI ŞASE ALTI ALÜMİNYUM**  
ALUMINUM SIDE MOUNT OIL TANK



KOD CODE	ÖLÇÜ SIZE
61604050402	40x50x40-65 LT
61604050504	40x50x50-80 LT
61604051006	40x50x60-100 LT
61608120409	56x64x40-120 LT
61608120514	56x64x50-160 LT
61608121018	56x64x60-190 LT
61611140413	62x67x40-150 LT
61611140517	62x67x50-180 LT
61611141022	62x67x60-220 LT
61617170416	71x71x40-170 LT
61617170523	71x71x50-225 LT
61617171027	71x71x60-270 LT
61713031309	65x32x65-120 LT
61713032516	65x32x90-170 LT
61713033120	65x32x110-205 LT
61713033425	65x32x125-235 LT
61704052008	40x50x79-115 LT
61704052410	40x50x89-130 LT
61704052813	40x50x98-150 LT
61704053116	40x50x110-170 LT
61704053424	40x50x125-230 LT

**YAĞ TANKI ŞASE ÜSTÜ GALVANİZ KUŞAKLI**  
STEEL REARCUN OIL TANK BELTED



KOD CODE	ÖLÇÜ SIZE
61206021505	51x31x68-90LT
61206021906	51x31x77-100LT
61206022307	51x31x85-110LT
61206022911	51x31x100-135LT
61206023113	51x31x110-150LT
61206023417	51x31x125-180LT
61213031309	65x32x65-120LT
61213032514	65x32x90-160LT
61213033121	65x32x110-210LT
61213033425	65x32x125-235LT
61216011606	70x25x70-100LT
61216012310	70x25x85-130LT
61216012913	70x25x100-150LT
61216013318	70x25x120-190LT
61204052012	40x50x79-140LT
61204052414	40x50x89-160LT
61204052817	40x50x98-180LT
61204053119	40x50x110-200LT
61204053424	40x50x125-230LT

**YAĞ TANKI ŞASE ÜSTÜ ALÜMİNYUM**  
ALUMINUM REAR CUB OIL TANK BELTED



KOD CODE	ÖLÇÜ SIZE
61803131309	32x65x65-120 LT
61804052011	40x50x79-135 LT
61804052413	40x50x89-150 LT
61803132514	32x65x90-160 LT
61804052815	40x50x98-165 LT
61803133118	32x65x110-190 LT
61804053118	40x50x110-190 LT
61804053422	40x50x125-220 LT
61803133424	32x65x125-230 LT

**SİLİNDİRLER / CYLINDERS**

**A TİPİ SİLİNDİR / A TYPE CYLINDER**

**B TİPİ SİLİNDİR / B TYPE CYLINDER**

**C TİPİ SİLİNDİR / C TYPE CYLINDER**

**E TİPİ SİLİNDİR / E TYPE CYLINDER**

**H TİPİ SİLİNDİR / E TYPE CYLINDER**

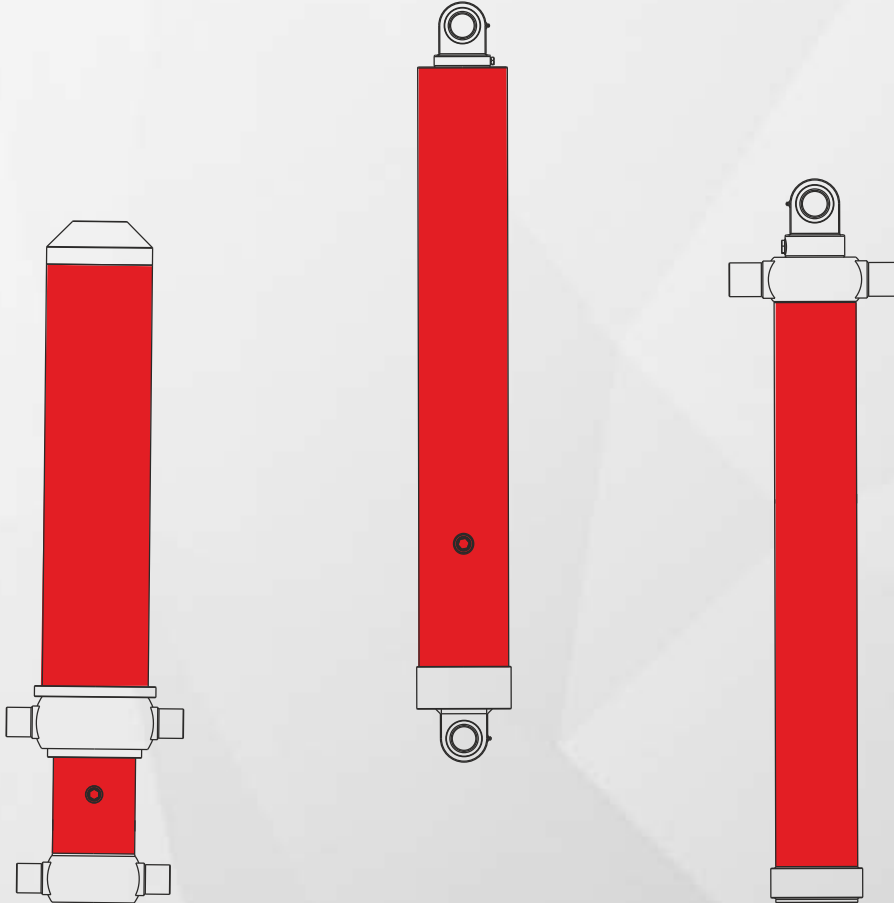
**STANDART BRAKET / STANDART BRACKET**

**BÜYÜK BOY KASA BRAKET / BIG CUP BRACKET**

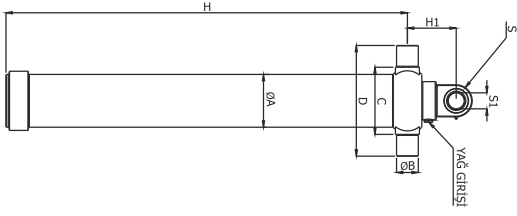
**ORTA BOY KASA BRAKET / MEDIUM CUP BRACKET**

**DİKDÖRTGEN KESİTLİ BÜYÜK KARE BRAKET / CUTTED LIKE RECTANGULER BIG CUP BRAKET**

**DİKDÖRTGEN KESİTLİ KÜÇÜK KARE BRAKET / CUTTED LIKE RECTANGULAR SMALL CUP BRAKET**

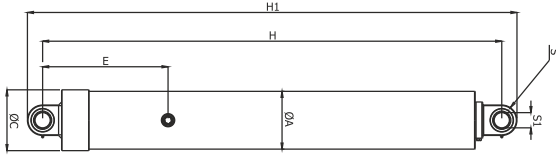






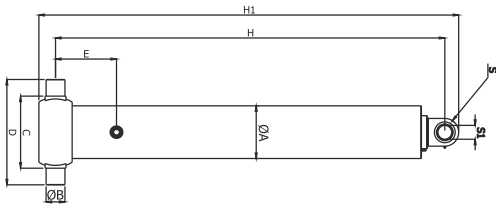
**A TİPİ SİLİNDİR**  
A TYPE CYLINDER

ØA	ØB	ØC	E	H	H1	S	S1	Yağ Girişi Oil Inlet	Hacim Volume	Ağırlık Weight
mm	mm	mm	mm	mm	mm	mm	mm	inch	Lt	Kg



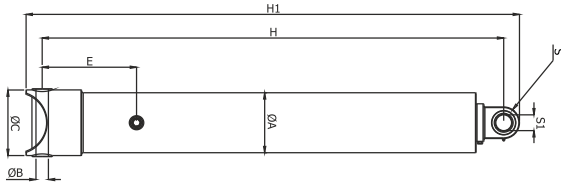
**B TİPİ SİLİNDİR**  
B TYPE CYLINDER

ØA	ØB	ØC	E	H	H1	S	S1	Yağ Girişi Oil Inlet	Hacim Volume	Ağırlık Weight
mm	mm	mm	mm	mm	mm	mm	mm	inch	Lt	Kg



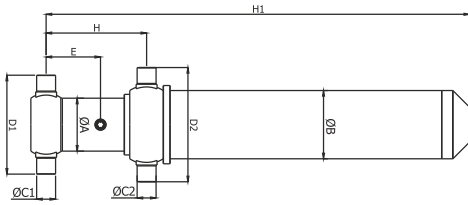
**C TİPİ SİLİNDİR**  
C TYPE CYLINDER

ØA	ØB	ØC	E	H	H1	S	S1	Yağ Girişi Oil Inlet	Hacim Volume	Ağırlık Weight
mm	mm	mm	mm	mm	mm	mm	mm	inch	Lt	Kg



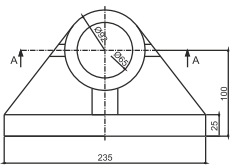
**E TİPİ SİLİNDİR**  
E TYPE CYLINDER

ØA	ØB	ØC	E	H	H1	S	S1	Yağ Girişi Oil Inlet	Hacim Volume	Ağırlık Weight
mm	mm	mm	mm	mm	mm	mm	mm	inch	Lt	Kg

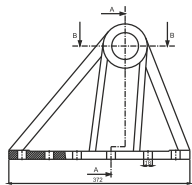


**H TİPİ SİLİNDİR**  
H TYPE CYLINDER

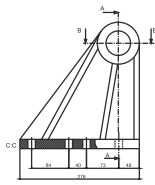
ØA	ØB	ØC	E	H	H1	S	S1	Yağ Girişi Oil Inlet	Hacim Volume	Ağırlık Weight
mm	mm	mm	mm	mm	mm	mm	mm	inch	Lt	Kg



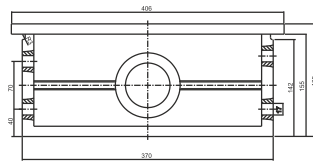
**STANDART BRAKET**  
STANDART BRACKET



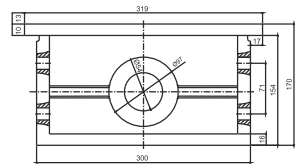
**BÜYÜK BOY KASA BRAKET**  
BIG CUP BRACKET



**ORTA BOY KASA BRAKET**  
MEDIUM CUP BRACKET



**DİKDÖRTGEN KESİTLİ BÜYÜK KARE BRAKET**  
CUTTED LIKE RECTANGULAR BIG CUP BRACKET



**DİKDÖRTGEN KESİTLİ KÜÇÜK KARE BRAKET**  
CUTTED LIKE RECTANGULAR SMALL CUP BRACKET

## YEDEK PARÇALAR / SPARE PARTS

HORTUMLAR	146
HAVA RAKORLARI	147
FİLTRELER	147
YAĞ TANKI KAPAĞI	147
YAĞ GÖSTERGELERİ	147
ÇIKIŞ RAKORLARI	148
KÖR TAPALAR	148



**HİDROLİK HORTUM / SUCTION HOSE R4**

UZUNLUK / LENGHT (mm)

1000  
1500  
2000  
2500  
3000  
3500



HORTUM  
HOSE DIAMETER

3/4"  
1"  
1 1/4"  
1 1/2"  
2"

**HİDROLİK HORTUM / PRESSURE HOSE R2 - 90° ELBOW - STRAIGHT**

UZUNLUK / LENGHT (mm)

1000  
1500  
2000  
2500  
3000  
3500



HORTUM  
HOSE DIAMETER

3/4"  
1"  
1 1/4"  
1 1/2"  
2"

**HİDROLİK HORTUM / PRESSURE HOSE R2 STRAIGHT - STRAIGHT**

UZUNLUK / LENGHT (mm)

1000  
1500  
2000  
2500  
3000  
3500



HORTUM  
HOSE DIAMETER

3/4"  
1"  
1 1/4"  
1 1/2"  
2"

**HİDROLİK HORTUM / PRESSURE HOSE R2 - 90° ELBOW - 90° ELBOW**

UZUNLUK / LENGHT (mm)

1000  
1500  
2000  
2500  
3000  
3500



HORTUM  
HOSE DIAMETER

3/4"  
1"  
1 1/4"  
1 1/2"  
2"

**HAVA RAKORU**  
PNEUMATIC CONNECTOR



KODU / CODE	
69051610060	M12 - Ø 6
69051030060	R 1/4 - Ø 6
69051020060	R 1/8 - Ø 6
69051610080	M12 - Ø 8
69051030080	R 1/4 - Ø 8
69051020080	R 1/8 - Ø 8

**HAVA RAKORU DİRSEK**  
PNEUMATIC ELBOW



KODU / CODE	
69053610060	M12 Ø 6
69053030060	R 1/4" Ø 8
69053020060	R 1/8" Ø 6
69053610080	M12 Ø 8
69053030080	R 1/4" Ø 8
69053020080	R 1/8" Ø 8

**QUICK KAPLIN BİLYALI SET**  
QUICK COUPLING BALL SET



KODU / CODE	
69031050000	R3/4"
69031060000	R1"
69031080000	R1 1/4"
69031090000	R1 1/2"
69031110000	R2"

**GERİ DÖNÜŞ FİLTRESİ**  
RETURN FILTER



KODU / CODE	
63052001100	110 LT
63052001500	150 LT
63052002400	240 LT
63052002600	260 LT

**TANK KAPAĞI**  
FILLER CUP



KODU / CODE	
63080000100	

**HAVA RAKORU EŞİT TEE**  
PNEUMATIC TEE



KODU / CODE	
69052000060	Ø 6
69052000080	Ø 8

**RAKOR 90° DİRSEK**  
CONNECTOR 90° ELBOW



KODU / CODE	
69021060000	R1"
69021080000	R1 1/4"
69021090000	R1 1/2"
69021110000	R2"

**EMİŞ FİLTRESİ**  
SUCTION FILTER



Max. Basınç / Max Pressure	8 Bar
Sıcaklık / Temperature	-40, +80 C
Çalışma Ortamı / Permissible Medium	Yağ
Ağırlık / Weight	0,5 kg.

**YAĞ GÖSTERGESİ**  
OIL INDICATOR



KODU / CODE	
63071000760	76 mm
63071001270	127 mm

**GİRİŞ RAKORU**  
INLET CONNECTOR



KODU / CODE	
19020050320	R3/4" - Ø32
19020810390	G7/16" 14 - Ø39
19020050390	R3/4" - Ø39
19020060390	R1" - Ø39
19020080390	R1 1/4" Ø39
19020080450	R1 1/4"Ø45
19020090510	R1 1/2" Ø51

**ÇIKIŞ RAKORU**  
OUTLET CONNECTOR



KODU / CODE	
19010620720	M22x1,5 - G12
19010810720	G 7/16" 14 - G12
19010050720	R 3/4" - G12
19010060720	R1" - G12
19010080720	R1 1/4" - G12

**RAKOR**  
CONNECTOR



KODU / CODE	
19010050050	R3/4" - R3/4"
19010060060	R1" - R1"
19010080080	R1 1/4" - R1 1/4"
19010090090	R1 1/2" - R1 1/2"
19010110110	R2" - R2"

**RAKOR**  
CONNECTOR



KODU / CODE	
19010110090	R2" - R1 1/2"

**RAKOR**  
CONNECTOR



KODU / CODE	
19010060350	R1" - 1 5/16 UNF
19010050340	R3/4" - 1 1/16 UNF

**VALF RAKORU**  
VALVE CONNECTOR



KODU / CODE	
19030060350	R3/4" - G12
19030050340	R1" - G12

**KÖR TAPA**  
END PLUG



KODU / CODE	
19040030000	R1/4"
19040040000	R1/2"
19040050000	R3/4"
19040060000	R1"
19040080000	R1 1/4"
19040620000	M22x1,5











## HİDROLİK POMPA, P.T.O. ve VALFLER / HYDRAULIC PUMP, P.T.O. and VALVES

Musalla Bağları Mh. Gazi Ahmet Değerli Sk.

No:1 Selçuklu / KONYA / TÜRKİYE

T: +90 552 636 83 90

E: info@neompart.com

**NEOMPART**  
HYDRAULIC

[www.neompart.com](http://www.neompart.com)