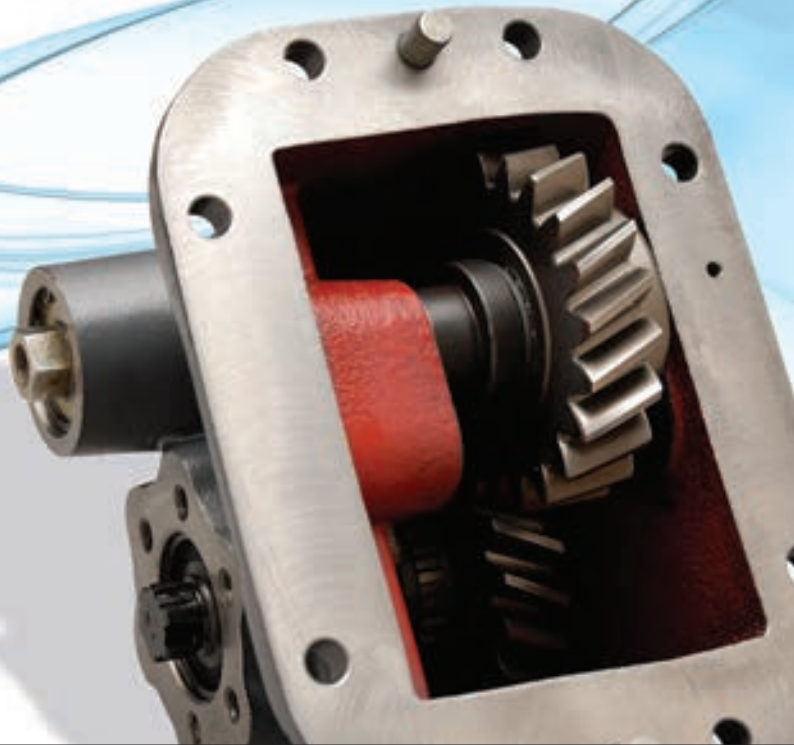


HİDRO ÇİNAR

HİDROLİK SANAYİ VE TİC. LTD. ŞTİ.



www.hidrocinar.com



Hidroçınar Hidrolik Sanayi ve Ticaret Ltd. Şti. olarak 1989 yılında damperli araçlar için çekirge sistemi lift ve yön denetim valfi imalatına başlamıştır. 1992 yılından itibaren teknolojinin gelişmesi, araç çeşidi ve tonajlarının artması ile beraber PTO ve Hidrolik Pompa üretimine başlamıştır.

Üretim kalemlerini tüketici talepleri doğrultusunda (yeni üretilen araçların ihtiyaçlarına göre) arttırılmıştır. Yeni bir ürünün imalatından önce bu malzemenin piyasadaki dayanıklılığı, çalışma düzenindeki sorunlarının ne olduğu ve tüketicinin üretilcek malzemede ne gibi özellikler istediğinin ön araştırması yapılarak yeni malze üretilmeye karar verilir. Üretim sırasında öncelikli olarak insan hayatı göz önüne alınarak daha uzun ömürlü ve kullanıcıya kolaylık sağlayacak şekilde Ar-Ge çalışması yapılmaktadır.

2007 yılının başlarında yapılan Ar-Ge çalışmalarında çöp araçları, çok çalışan harfiyat araçları, traktör kepçeleri ve taksi taşıma araçlarında çalışan hidrolik pompaların uzun ömürlü olmadığı tespit edilmiştir. Bu çalışmalar sonucunda daha dayanıklı yeni ürünler üretilmiştir. 2007'nin son aylarına doğru kısıtlı olarak piyasaya sürülmüş ve bu konu üzerinde yapılan anket sonuçlarında kullanıcılar memnuniyetini belirtmişlerdir.

Firmamızın satış politikası; Bölge bölge satış olmasından dolayı diğer bölgelere talebin yoğunluğundan ulaşamamıştır. Bu sebeple yurt içi piyasada daha iyi bir pazarlama ağı kurmak için çalışmalara başlamıştır.

2005 yılı itibarıyla standartlara uygunluk çerçevesinde ISO 9001-2000, CE, TSE belgelerini almış olup tüm standartlara uymayı ilke edinmiştir.

Hidroçınar üretiminin %40'ını yurt dışına doğrudan kendisi ihraç etmektedir. Şu anda iki Avrupa ülkesi, beşi Ortadoğu ülkeleri olmak üzere yedi ülkeye ihracat yapmaktadır.

Hidroçınar; Oluşturduğu güvenini ve bu güvenin simgesi haline gelmiş olan kalitenin sürekliliğini sağlamayı ilke edinmiştir. Kalite yönetim sistemi ile ulusal ve uluslararası platformda sürekli gelişmeyi ve büyümeyi hedeflemektedir.

- ✓ **Müşteri Memnuniyetini** ✓ **Sürekli Gelişimi** ✓ **Verimliliği Arttırmayı**
- ✓ **Devamlı Eğitimi** ✓ **Üründe Kaliteyi**
- ✓ **Tüm Çalışanların Katılımını Politika Olara Belirlemiştir.**

HİDROÇINAR HİDROLİK SANAYİ TİC. LTD. ŞTİ. began to manufacture tipper vehicles and direction control valve lift system for locusts in 1989. Since 1992, the development of technology and the increase in the tonnage range of vehicles encouraged our company to manufacture PTO and hydraulic pump. Production has increased in line with consumer demands. Intensive research is made before producing new product several things are determined including the market strength, the problems in working order, the features customers want. Lots of research and developmental work are done during the production. Human needs are our priority. We take into account longer-lasting and more convenient products.

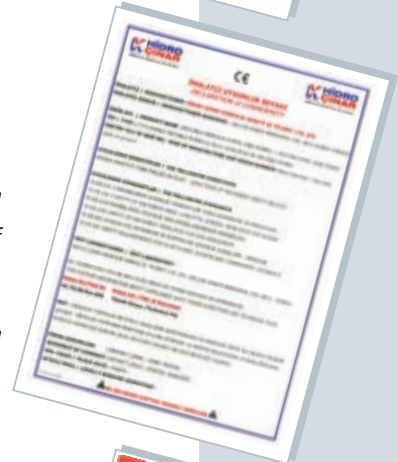
At the beginning of 2007, our research and developmental work identified that hydraulic pumps used in most excavation tools, taxi vehicles, and tractor buckets are very poor quality. As a result of this study, more durable products have been produced. Towards the last months of 2007, limited number of products have been released to the market. According to the survey results on this issue, users expressed their satisfaction. Our sales policy is a policy of selling products regionally. Since there is too much demand in other regions, our company could not reach out to other regions. Therefore, our company started to work to build a network in domestic market.

As of 2005, our company received within the framework of compliance with the standards of ISO 9001-2000-CE-TSE

40% of our production is exported abroad including to European and five Middle Eastern countries.

HİDROÇINAR; aims at the continuous development and growth. Our company has built a strong trust with its customers. We work very hard to maintain the quality of our management system ensuring the continuity principle both domestically and internationally.

Our company's policy includes customer satisfaction, continuous improvement, increase in productivity, continuing education, and product quality.



Kod / Code

Sayfa/Page

HÇ 2013

30-61 DİŞLİ POMPA T1
30-61 Gear Pump T1



07

HÇ 2014

30-61 DİŞLİ POMPA T2
30-61 Gear Pump T2



08

HÇ 2015

30-61 DİŞLİ POMPA ISO
30-61 Gear Pump ISO



09

HÇ 2005

30-82 DİŞLİ POMPA T1
30-82 Gear Pump T1



10

HÇ 2004

30-82 DİŞLİ POMPA T2
30-82 Gear Pump T2



11

HÇ 2028

30-82 DİŞLİ POMPA ISO
30-82 Gear Pump ISO



12

HÇ 2052

30-82 DİŞLİ POMPA PNOMATİK T2
30-82 Gear Pump Pneumatic T2



13

HÇ 2067

30-92 ÇİFT YÖNLÜ DİŞLİ POMPA T1
30-92 Bi-directional Gear Pump T1



14

HÇ 2072

30-82 ÇİFT YÖNLÜ DİŞLİ POMPA T1
30-82 Bi-directional Gear Pump T1



15

HÇ 2066

30-92 ÇİFT YÖNLÜ DİŞLİ POMPA
30-92 Bi-directional Gear Pump ISO



16

HÇ 2069

30-82 ÇİFT YÖNLÜ DİŞLİ POMPA
30-82 Bi-directional Gear Pump ISO



17

HÇ 2016

40-87 DİŞLİ POMPA T1
40-87 Gear Pump T1

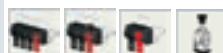


18

HÇ 2018	40-87 DİŞLİ POMPA ISO <i>40-87 Gear Pump ISO</i>		19
HÇ 2019	40-109 DİŞLİ POMPA T1 <i>40-109 Gear Pump T1</i>		20
HÇ 2020	40-109 DİŞLİ POMPA ISO <i>40-109 Gear Pump ISO</i>		21
HÇ 2057	40-151 DİŞLİ POMPA T1 <i>40-151 Gear Pump T1</i>		22
HÇ 2058	40-151 DİŞLİ POMPA ISO <i>40-151 Gear Pump ISO</i>		23
HÇ 2001	6 PİSTONLU POMPA <i>6 Piston Pump</i>		24
HÇ 2002	9 PİSTONLU POMPA <i>9 Piston Pump</i>		25
HÇ 2009	ZF 1 PTO <i>ZF 1 Power Take Off</i>		26
HÇ 2029	ZF 2 PTO <i>ZF 2 Power Take Off</i>		27
HÇ 2065	ZF 2 PTO HY <i>ZF 2 Power Take Off HY</i>		28
HÇ 2068	ZF 2 PTO HYK <i>ZF 2 Power Take Off HYK</i>		29
HÇ 2045	ZF 6 S 850 ÇİFT DİŞLİ PTO <i>ZF 2 6 S 850 Power Take Off</i>		30
HÇ 2059	MERCEDES AXOR G 211 TEK DİŞLİ PTO <i>Mercedes Axor G 211 Power Take Off</i>		31

HÇ 2043**MERCEDES AXOR G 131 TEK DİŞLİ PTO**
Mercedes Axor G 131 Power Take Off**32****HÇ 2044****MERCEDES AXOR G 211 ÇİFT DİŞLİ PTO**
Mercedes Axor G 211 Power Take Off**33****HÇ 2056****MERCEDES AXOR G 211 ÇİFT DİŞLİ HYK**
Mercedes Axor G 211 Power Take Off**34****HÇ 2022****MERCEDES AXOR G100 TEK DİŞLİ PTO**
Mercedes Axor G100 Power Take Off**35****HÇ 2023****MERCEDES ACTROS G125 TEK DİŞLİ PTO**
Mercedes Actros G125 Power Take Off**36****HÇ 2034****MERCEDES GV 4 TEK DİŞLİ PTO**
Mercedes GV 4 Power Take Off**37****HÇ 2035****VOLVO SR 1400 TEK DİŞLİ PTO**
Volvo SR 1400 Power Take Off**38****HÇ 2024****VOLVO SR 1400 ÇİFT DİŞLİ PTO**
Volvo SR 1400 Power Take Off**39****HÇ 2039****VOLVO AT 2412 TEK DİŞLİ PTO**
Volvo AT 2412 Power Take Off**40****HÇ 2040****VOLVO AT 2412 ÇİFT DİŞLİ PTO**
Volvo AT 2412 Power Take Off**41****HÇ 2046****EATON 6109 ÇİFT DİŞLİ PTO**
Eaton 6109 Power Take Off**42****HÇ 2047****EATON 4106 ÇİFT DİŞLİ PTO**
Eaton 4106 Power Take Off**43****HÇ 2075****SCA GRS 905 TEK DİŞLİ PTO**
SCA GRS 905 Power Take Off**44**

HÇ 2071	SCA GRS 900 YANDAN PTO <i>SCA GRS 900 Power Take Off</i>		45
HÇ 2074	SCA GR 900 YANDAN PTO <i>SCA GR 900 Power Take Off</i>		46
HÇ 2055	YÖN DENETİM VALFİ AÇIK DEVRE 1" <i>Directional (Open Loop) Valve 1"</i>		47
HÇ 2006 HÇ 2003	YÖN DENETİM VALFİ <i>Directional Valve</i>		48
HÇ 2007 HÇ 2026	SINIR KONTROL VALFİ <i>Limit Control Valve</i>		49
HÇ 2008	DAMPER İNDİRME VALFİ <i>Mechanical Valve</i>		50
HÇ 2010 HÇ 2017	4*3 ADAPTÖR / 4*3 ADAPTÖR (UZUN) <i>4*3 Adapter / 4*3 Adapter (Long)</i>		51
HÇ 2038	3*4 ADAPTÖR <i>3*4 Adapter</i>		52
HÇ 2064	4*4 ADAPTÖR <i>4*4 Adapter</i>		53
HÇ 2012	ZF 9 S 75 (13,16) KARDAN MİLİ <i>ZF 9 S 75 (13,16) Cardan Shaft</i>		54
HÇ 2031	ZF 9 S 109 (12,91) KARDAN MİLİ <i>ZF 9 S 109 (12,91) Cardan Shaft</i>		54
HÇ 2025	ZF 9 S 109 (12,92) KARDAN MİLİ <i>ZF 9 S 109 (12,92) Cardan Shaft</i>		55
HÇ 2030	ZF 16 S 109 (13,53) KARDAN MİLİ <i>ZF 16 S 109 (13,53) Cardan Shaft</i>		55
HÇ 2011	ZF 16 S 151 - 181 - 221 KARDAN MİLİ <i>ZF 16 S 151 - 181 - 221 Cardan Shaft</i>		56

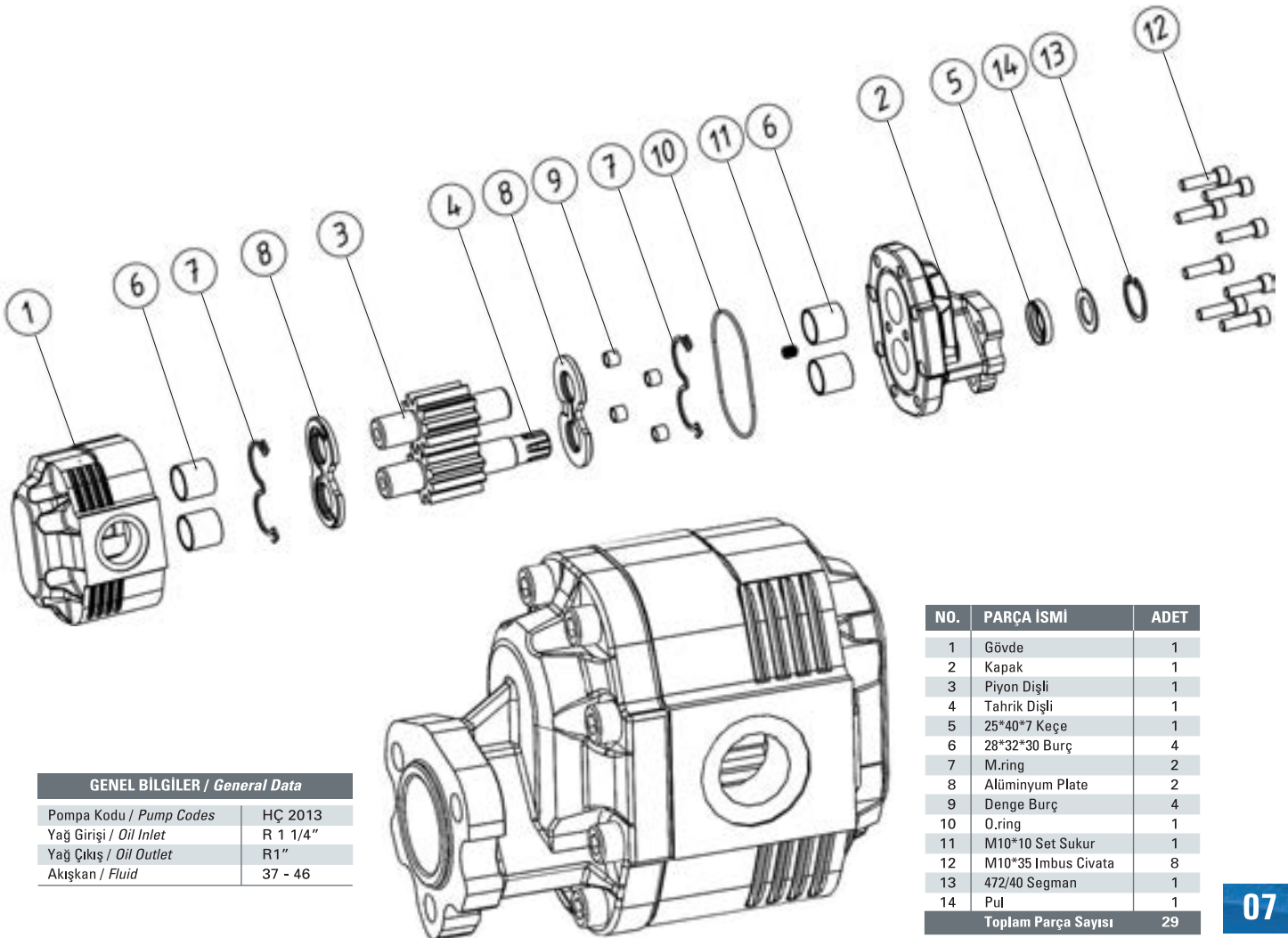
HÇ 2049	ZF 16 S 2521 TO (INTARDER) KARDAN MİLİ <i>ZF 16 S 2521 (Intarder) Cardan Shaft</i>		56
HÇ 2050	ZF 12 AS 1800 - 2200 KARDAN MİLİ <i>ZF 12 AS 1800 - 2200 Cardan Shaft</i>		57
HÇ 2060	ZF 16 S 130 KARDAN MİLİ (KISA) <i>ZF 16 S 130 Cardan Shaft (Short)</i>		57
HÇ 2061	ZF 16 S 130 KARDAN MİLİ (UZUN) <i>ZF 16 S 130 Cardan Shaft (Long)</i>		58
HÇ 2062	ZF 16 S 130 KARDAN MİLİ (Intarder) <i>ZF 16 S 130 Cardan Shaft (Intarder)</i>		58
HÇ 2032	ACTROS G 125 KARDAN MİLİ (KISA) <i>ACTROS G 125 Cardan Shaft (Short)</i>		59
HÇ 2027	ACTROS G 125 KARDAN MİLİ (UZUN) <i>ACTROS G 125 Cardan Shaft (Long)</i>		59
HÇ 2041	ACTROS G 125 KARDAN MİLİ A (KISA) <i>ACTROS G 125 Cardan Shaft A (Short)</i>		60
HÇ 2042	ACTROS G 125 KARDAN MİLİ A (UZUN) <i>ACTROS G 125 Cardan Shaft A (Long)</i>		60
HÇ 2033	VOLVO SR 1400 KARDAN MİLİ (KISA) <i>VOLVO SR 1400 Cardan Shaft (Short)</i>		61
HÇ 2053	VOLVO SR 1400 KARDAN MİLİ (UZUN) <i>VOLVO SR 1400 Cardan Shaft (Long)</i>		61
HÇ 2051	VOLVO AT 2412 (OPTIDRIVER) KARDAN MİLİ <i>VOLVO AT 2412 Cardan Shaft</i>		62
HÇ 2021	SCA GRS 905 KARDAN MİLİ <i>SCA GRS 905 Cardan Shaft</i>		62
HÇ 2048	VOLVO SR 1400 KARDAN MİLİ (KISA) <i>VOLVO SR 1400 Cardan Shaft (Short)</i>		63
HÇ 2063	VOLVO SR 1400 KARDAN MİLİ (UZUN) <i>VOLVO SR 1400 Cardan Shaft (Long)</i>		63
	GENEL BİLGİLER <i>General Data</i>		64 65
	DAMPER DÜĞMELERİ <i>Pneumatic Control</i>		66



30-61 DİŞLİ POMPA T1

30-61 Gear Pump T1

Kod
Code **HÇ 2013**



GENEL BİLGİLER / General Data

Pompa Kodu / Pump Codes	HÇ 2013
Yağ Girişi / Oil Inlet	R 1 1/4"
Yağ Çıkışı / Oil Outlet	R1"
Akışkan / Fluid	37 - 46

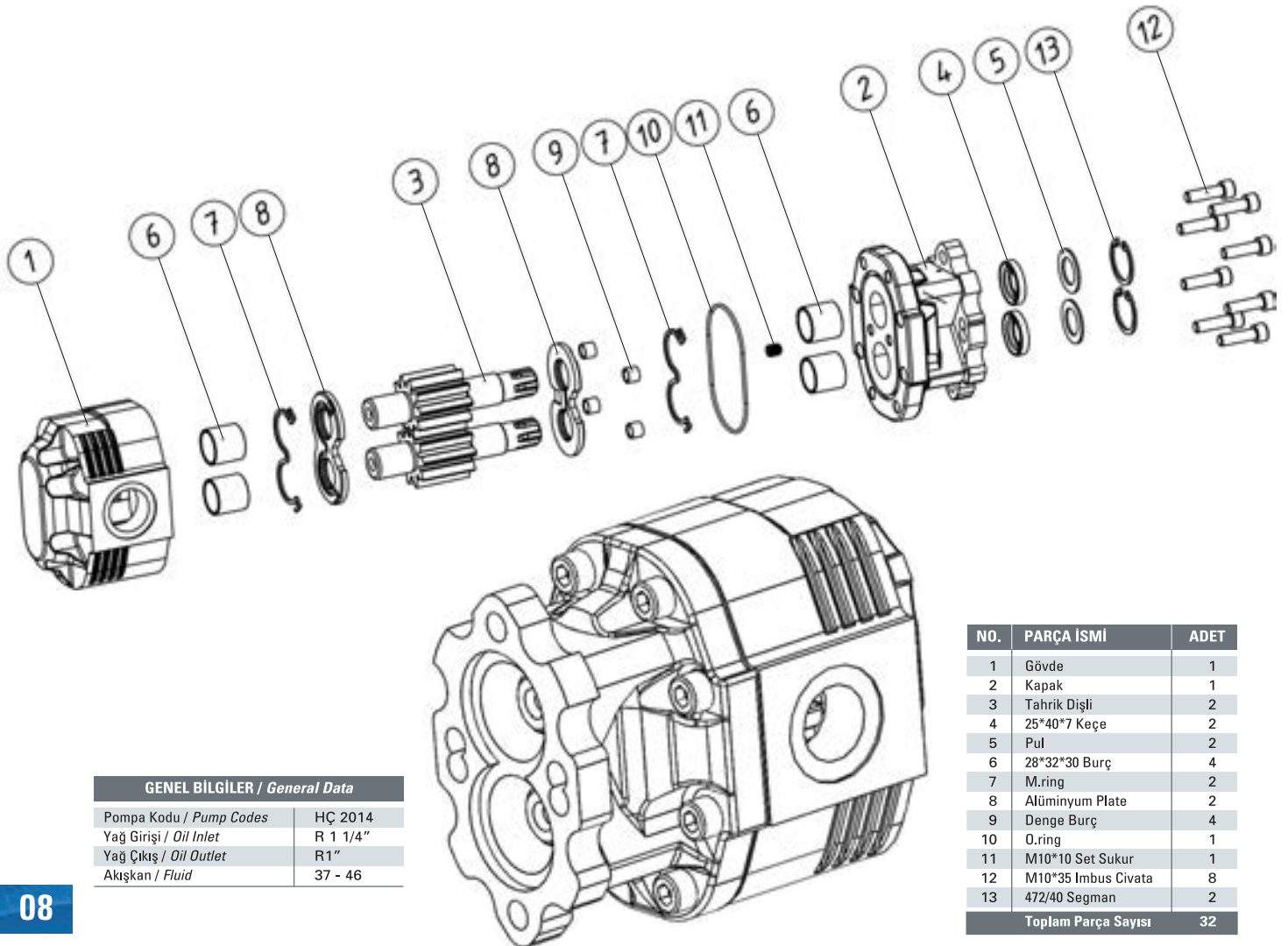
NO.	PARÇA İSMİ	ADET
1	Gövde	1
2	Kapak	1
3	Piyon Dişli	1
4	Tahrik Dişli	1
5	25*40*7 Keçe	1
6	28*32*30 Burç	4
7	M.ring	2
8	Alüminyum Plate	2
9	Denge Burç	4
10	O.ring	1
11	M10*10 Set Sukur	1
12	M10*35 Imbus Civata	8
13	472/40 Segman	1
14	Pul	1
Toplam Parça Sayısı		29



Kod
Code **HÇ 2014**

30-61 DİŞLİ POMPA T2

30-61 Gear Pump T2



GENEL BİLGİLER / General Data

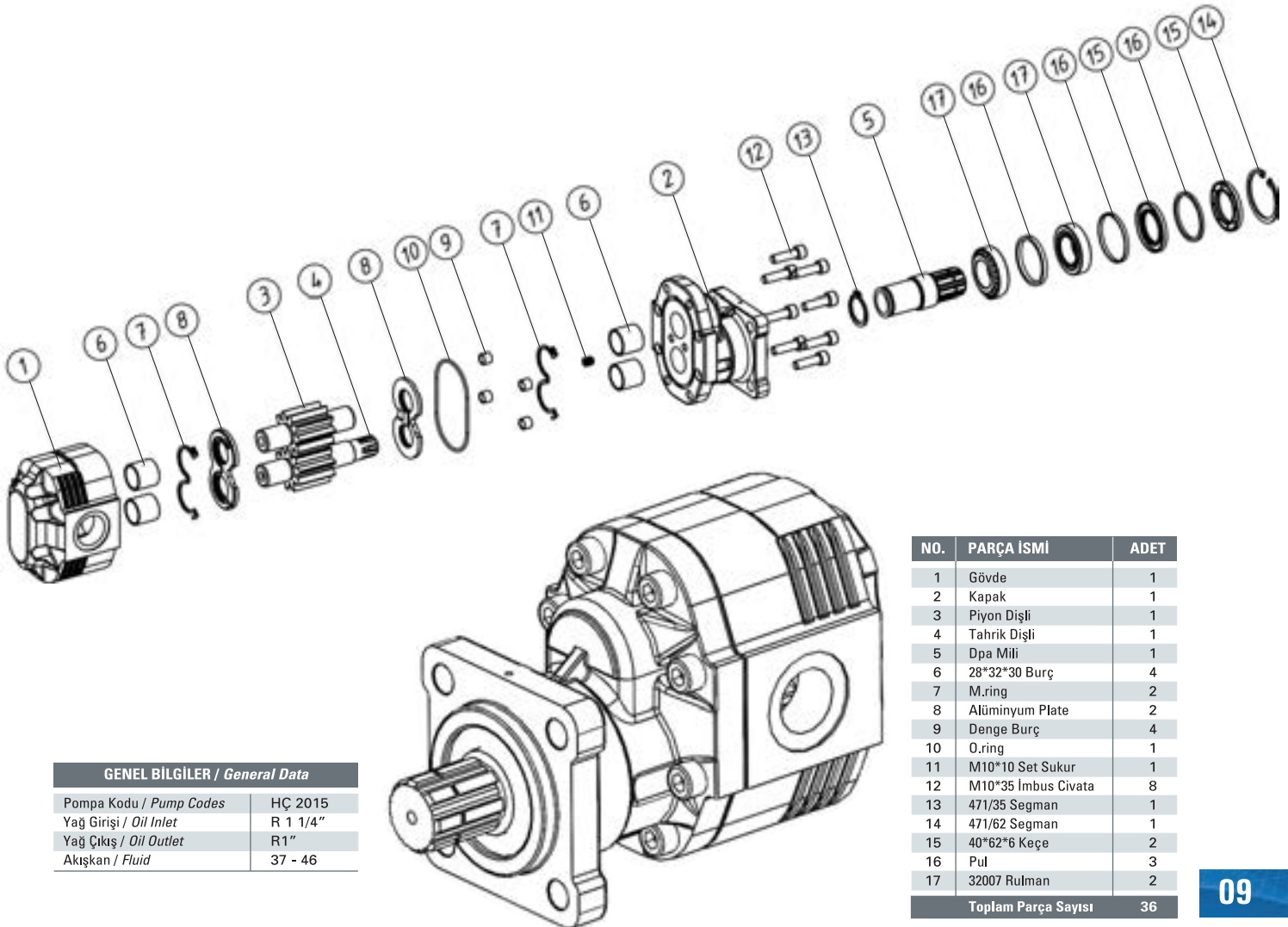
Pompa Kodu / Pump Codes	HÇ 2014
Yağ Girişi / Oil Inlet	R 1 1/4"
Yağ Çıkışı / Oil Outlet	R1"
Akışkan / Fluid	37 - 46

NO.	PARÇA İSMİ	ADET
1	Gövde	1
2	Kapak	1
3	Tahrik Dişli	2
4	25*40*7 Keçe	2
5	Pul	2
6	28*32*30 Burç	4
7	M.ring	2
8	Alüminyum Plate	2
9	Denge Burç	4
10	O.ring	1
11	M10*10 Set Sukur	1
12	M10*35 Imbus Civata	8
13	472/40 Segman	2
Toplam Parça Sayısı		32



30-61 DİŞLİ POMPA ISO 30-61 Gear Pump ISO

Kod
Code **HÇ 2015**



GENEL BİLGİLER / General Data

Pompa Kodu / Pump Codes	HÇ 2015
Yağ Girişi / Oil Inlet	R 1 1/4"
Yağ Çıkışı / Oil Outlet	R1"
Akışkan / Fluid	37 - 46

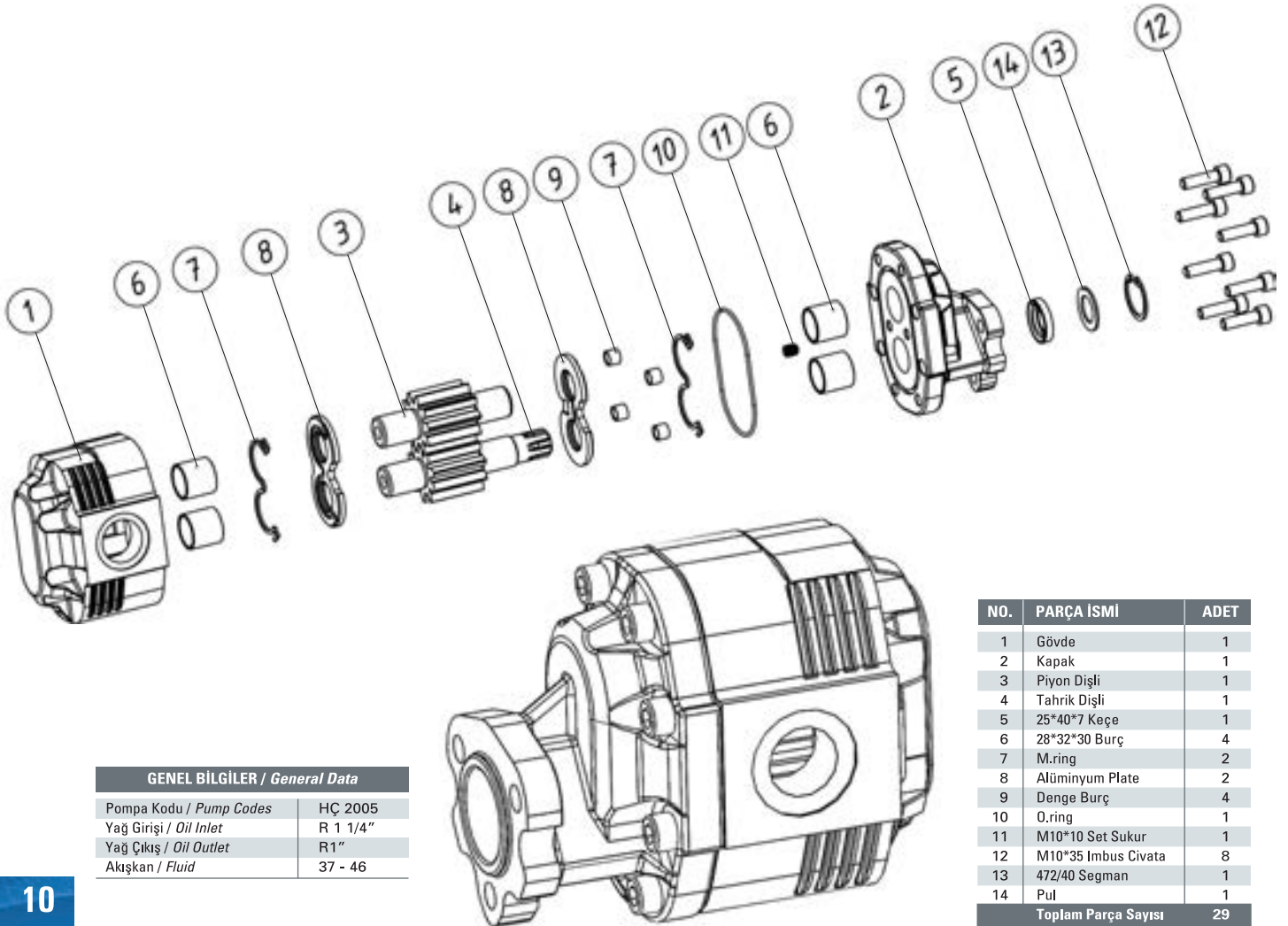
NO.	PARÇA İSMİ	ADET
1	Gövde	1
2	Kapak	1
3	Piyon Dişli	1
4	Tahrik Dişli	1
5	Dpa Mili	1
6	28*32*30 Burç	4
7	M.ring	2
8	Alüminyum Plate	2
9	Denge Burç	4
10	O.ring	1
11	M10*10 Set Sukur	1
12	M10*35 İmbus Civata	8
13	471/35 Segman	1
14	471/62 Segman	1
15	40*62*6 Keçe	2
16	Pul	3
17	32007 Rulman	2
Toplam Parça Sayısı		36



Kod
Code **HÇ 2005**

30-82 DİŞLİ POMPA T1

30-82 Gear Pump T1



GENEL BİLGİLER / General Data

Pompa Kodu / Pump Codes	HÇ 2005
Yağ Girişi / Oil Inlet	R 1 1/4"
Yağ Çıkışı / Oil Outlet	R1"
Akışkan / Fluid	37 - 46

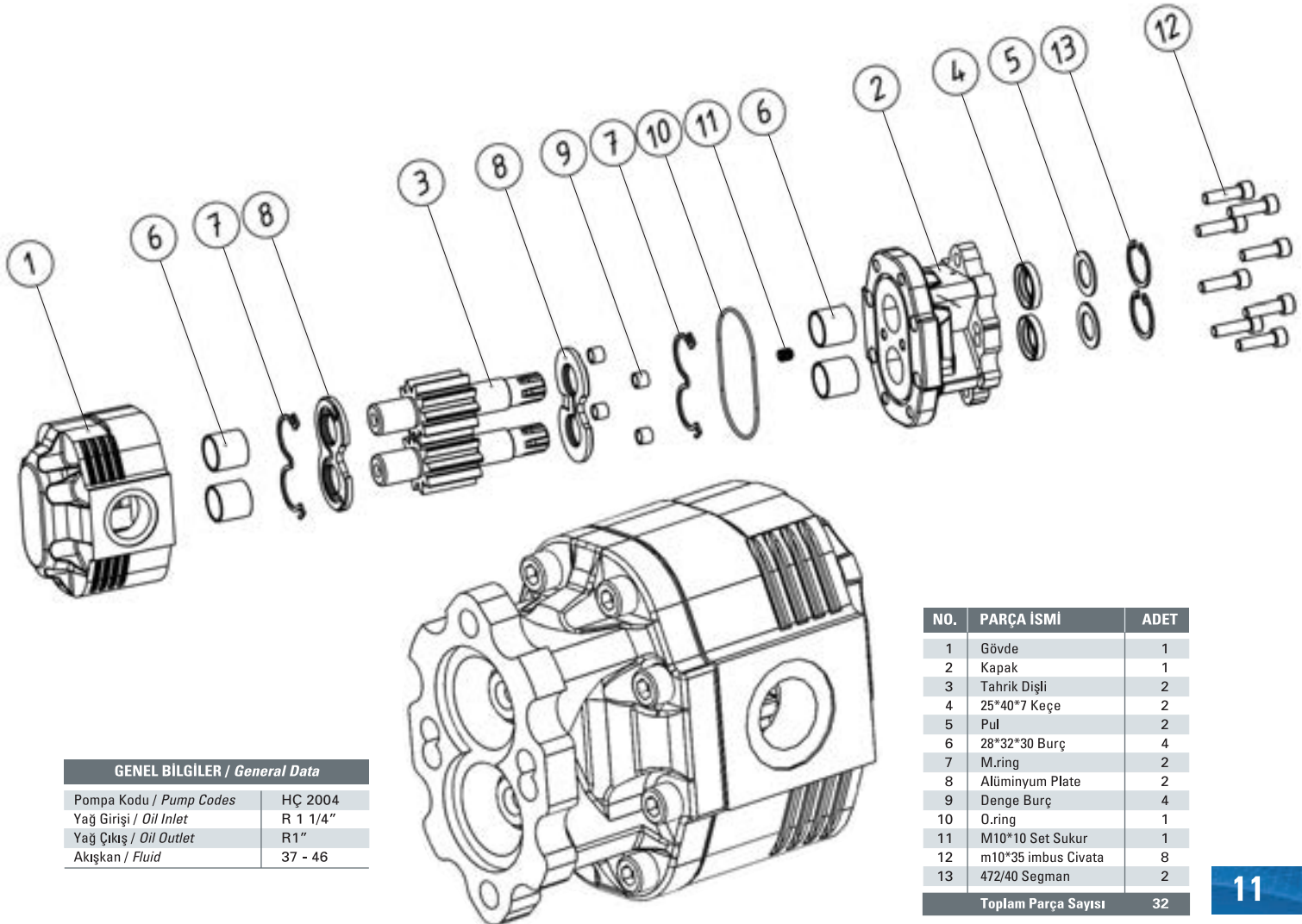
NO.	PARÇA İSMİ	ADET
1	Gövde	1
2	Kapak	1
3	Piyon Dişli	1
4	Tahrik Dişli	1
5	25*40*7 Keçe	1
6	28*32*30 Burç	4
7	M.ring	2
8	Alüminyum Plate	2
9	Denge Burç	4
10	O.ring	1
11	M10*10 Set Sukur	1
12	M10*35 Imbus Civata	8
13	472/40 Segman	1
14	Pul	1
Toplam Parça Sayısı		29



30-82 DİŞLİ POMPA T2

30-82 Gear Pump T2

Kod
Code **HÇ 2004**



GENEL BİLGİLER / General Data

Pompa Kodu / Pump Codes	HÇ 2004
Yağ Girişi / Oil Inlet	R 1 1/4"
Yağ Çıkışı / Oil Outlet	R1"
Akışkan / Fluid	37 - 46

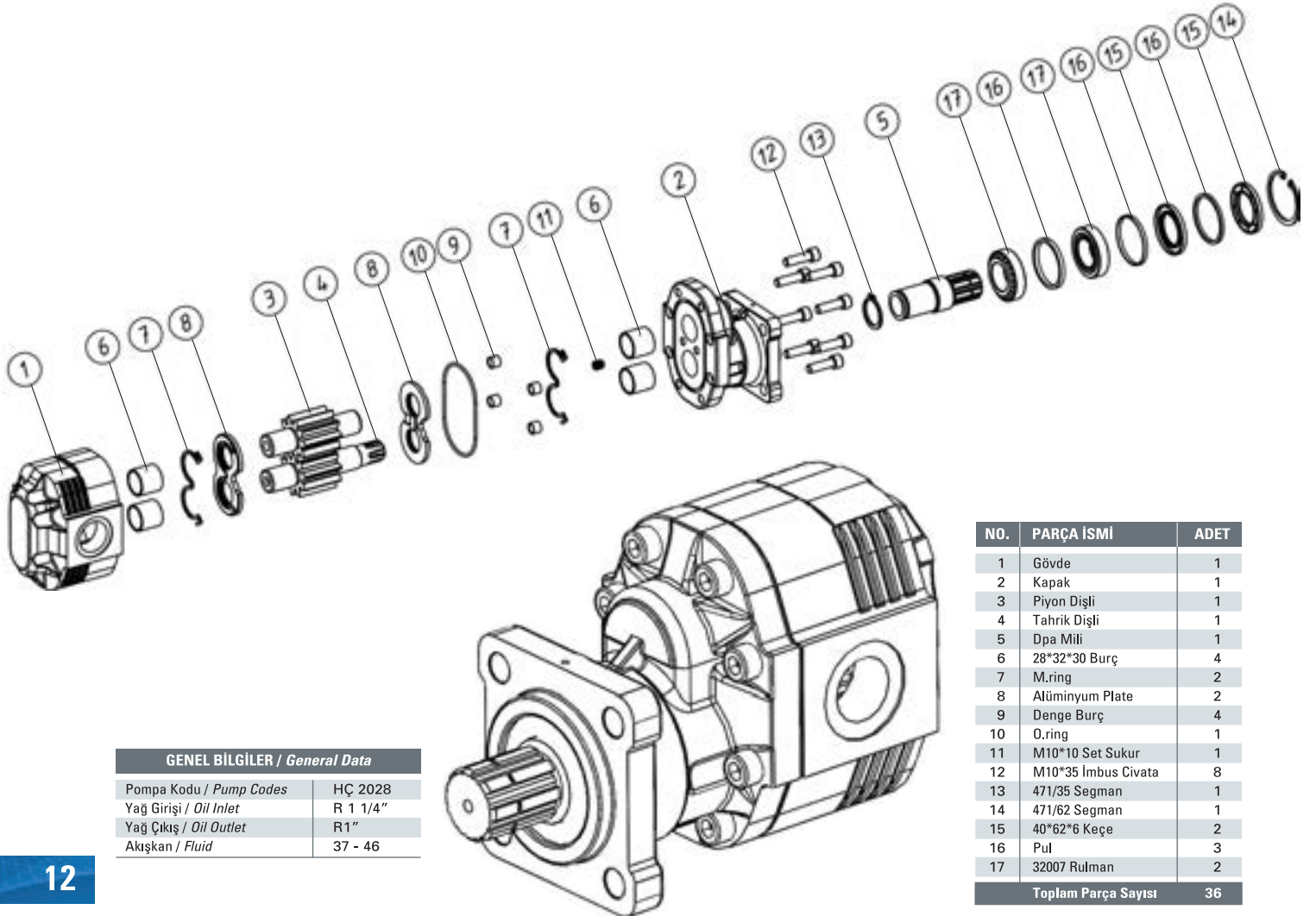
NO.	PARÇA İSMİ	ADET
1	Gövde	1
2	Kapak	1
3	Tahrik Dişli	2
4	25*40*7 Keçe	2
5	Pul	2
6	28*32*30 Burç	4
7	M.ring	2
8	Alüminyum Plate	2
9	Denge Burç	4
10	O.ring	1
11	M10*10 Set Sukur	1
12	m10*35 imbus Civata	8
13	472/40 Segman	2
Toplam Parça Sayısı		32



Kod
Code **HÇ 2028**

30-82 DİŞLİ POMPA ISO

30-82 Gear Pump ISO



GENEL BİLGİLER / General Data

Pompa Kodu / Pump Codes	HÇ 2028
Yağ Girişi / Oil Inlet	R 1 1/4"
Yağ Çıkışı / Oil Outlet	R 1"
Akışkan / Fluid	37 - 46

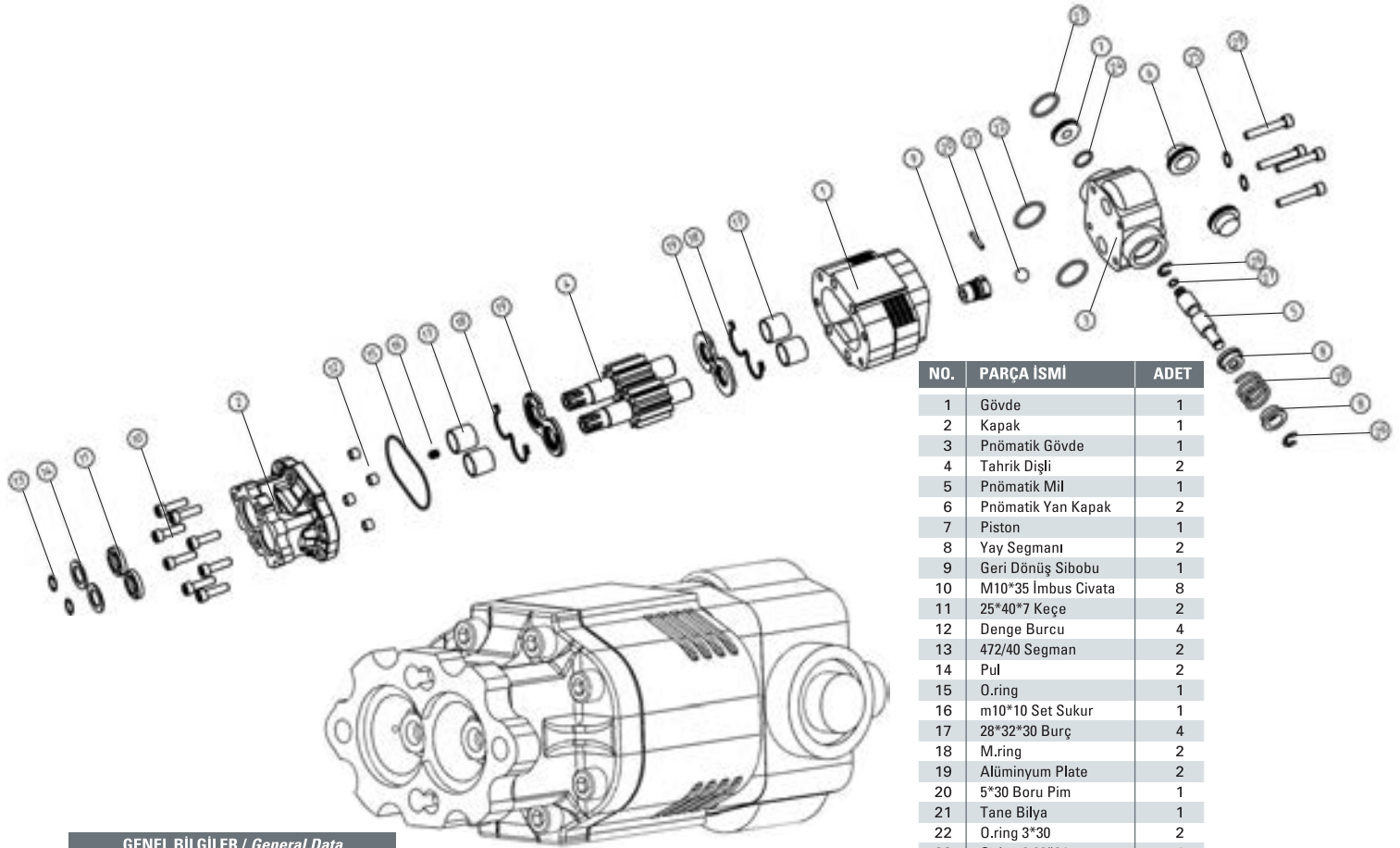
NO.	PARÇA İSMİ	ADET
1	Gövde	1
2	Kapak	1
3	Piyon Dişli	1
4	Tahrik Dişli	1
5	Dpa Mili	1
6	28*32*30 Burç	4
7	M.ring	2
8	Alüminyum Plate	2
9	Denge Burç	4
10	O.ring	1
11	M10*10 Set Sukur	1
12	M10*35 İmbus Civata	8
13	471/35 Segman	1
14	471/62 Segman	1
15	40*62*6 Keçe	2
16	Pul	3
17	32007 Rulman	2
Toplam Parça Sayısı		36



30-82 DİŞLİ POMPA PNOMATİK T2

30-82 Gear Pump Pneumatic T2

Kod
Code **HÇ 2052**



GENEL BİLGİLER / General Data

Pompa Kodu / Pump Codes	HÇ 2052
Yağ Girişi / Oil Inlet	R 1 1/4"
Yağ Çıkışı / Oil Outlet	R1"
Akışkan / Fluid	37 - 46

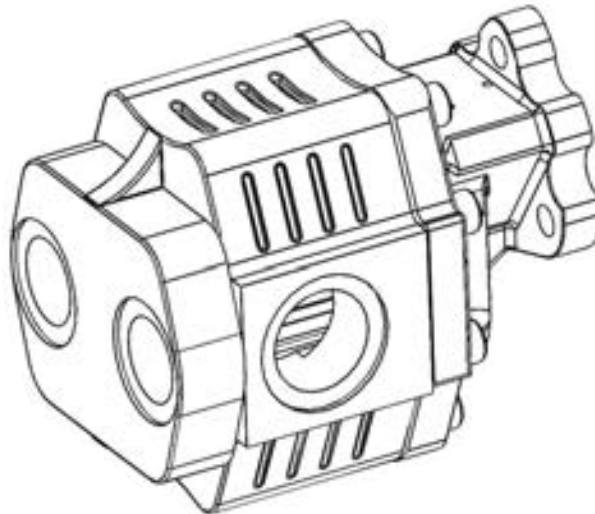
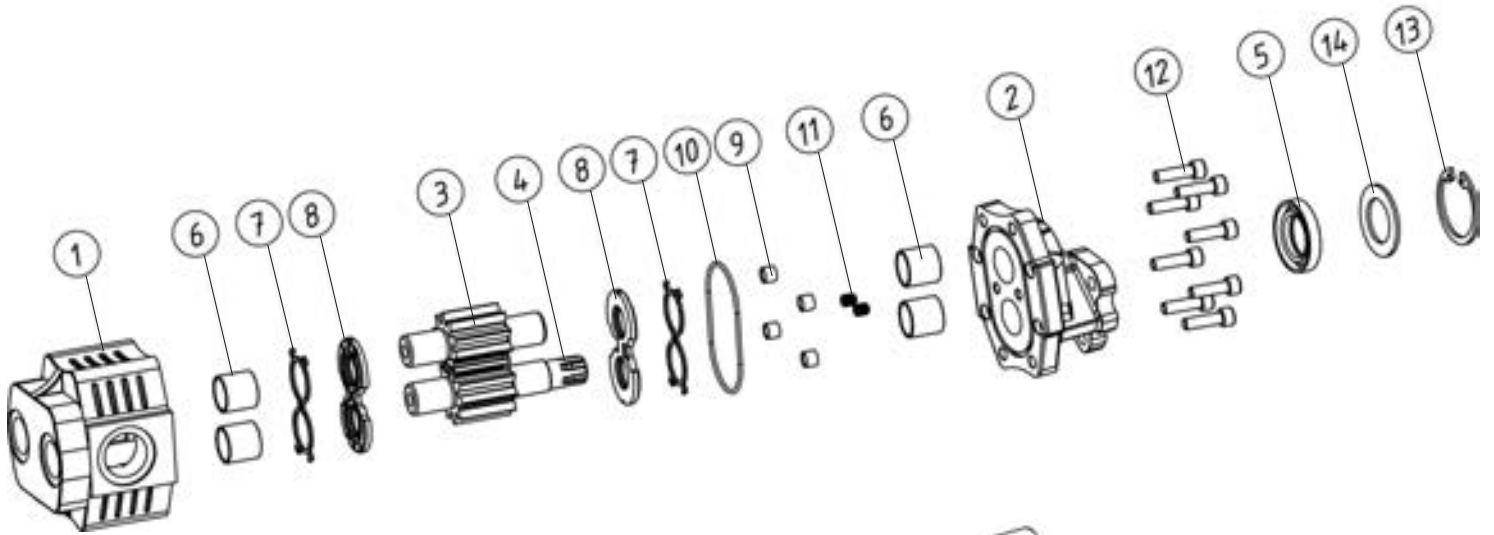
NO.	PARÇA İSMİ	ADET
1	Gövde	1
2	Kapak	1
3	Pnömatik Gövde	1
4	Tahrik Dişli	2
5	Pnömatik Mil	1
6	Pnömatik Yan Kapak	2
7	Piston	1
8	Yay Segmanı	2
9	Geri Dönüş Sibobu	1
10	M10*35 İmbus Cıvata	8
11	25*40*7 Keçe	2
12	Denge Burcu	4
13	472/40 Segman	2
14	Pul	2
15	O.ring	1
16	m10*10 Set Sukur	1
17	28*32*30 Burç	4
18	M.ring	2
19	Alüminyum Plate	2
20	5*30 Boru Pim	1
21	Tane Bilya	1
22	O.ring 3*30	2
23	O.ring 2.62*34	1
24	O.ring 3*22	1
25	D.ring 2.62*36	2
26	Ay Segman	2
27	O.ring 2*10	1
28	Yay	1
29	M10*60 İmbus Cıvata	4
Toplam Parça Sayısı		56



Kod
Code **HÇ 2067**

30-92 ÇİFT YÖNLÜ DİŞLİ POMPA T1

30-92 Bi-directional Gear Pump T1



GENEL BİLGİLER / General Data

Pompa Kodu / Pump Codes	HÇ 2067
Yağ Girişi / Oil Inlet	R 1 1/4"
Yağ Çıkışı / Oil Outlet	R1"
Akışkan / Fluid	37 - 46

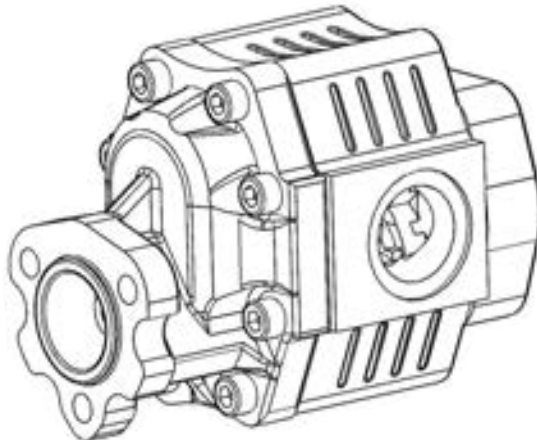
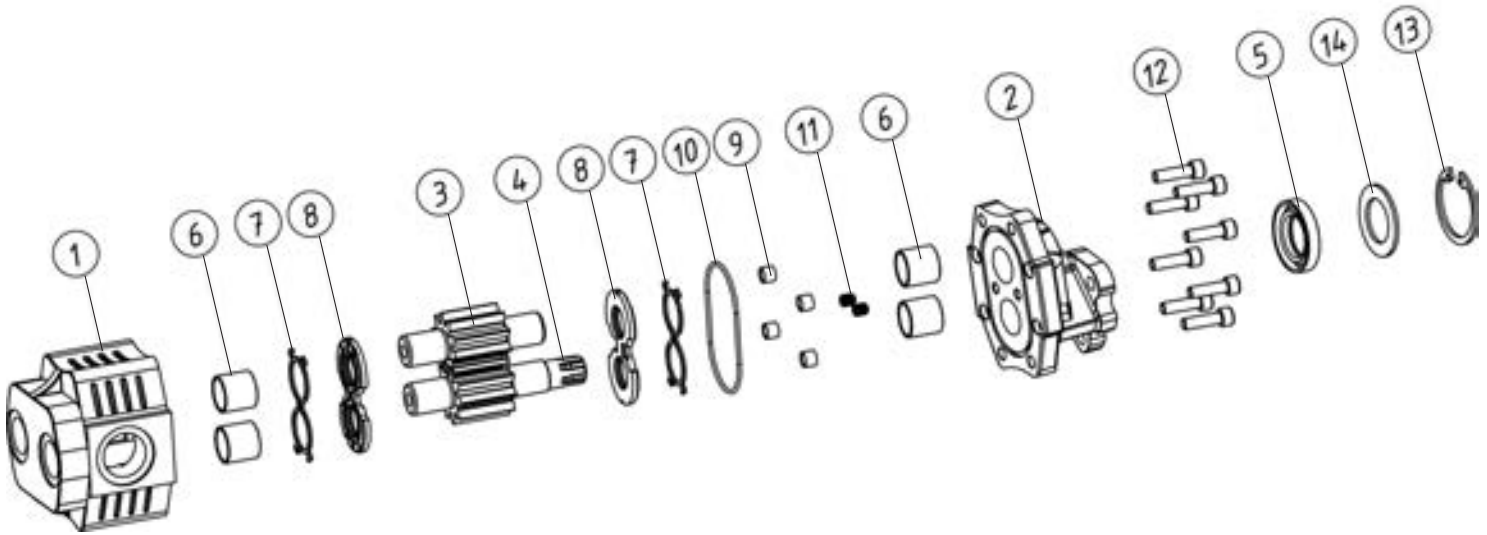
NO.	PARÇA İSMİ	ADET
1	Gövde	1
2	Kapak	1
3	Piyon Dişli	1
4	Tahrik Dişli	1
5	25*40*7 Keçe	1
6	28*32*30 Burç	4
7	M.ring	2
8	Alüminyum Plate	2
9	Denge Burç	4
10	O.ring	1
11	M10*10 Set Sukur	2
12	M10*35 Imbus Civata	8
13	472/40 Segman	1
14	Pul	1
Toplam Parça Sayısı		36



Kod
Code **HÇ 2072**

30-82 ÇİFT YÖNLÜ DİŞLİ POMPA T1

30-82 Bi-directional Gear Pump T1



GENEL BİLGİLER / General Data

Pompa Kodu / Pump Codes	HÇ 2072
Yağ Girişi / Oil Inlet	R 1 1/4"
Yağ Çıkışı / Oil Outlet	R1"
Akışkan / Fluid	37 - 46

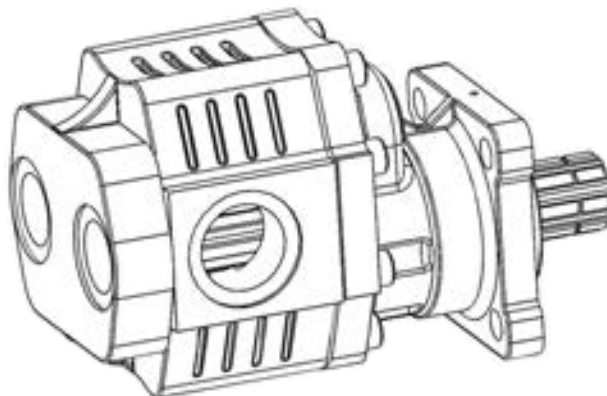
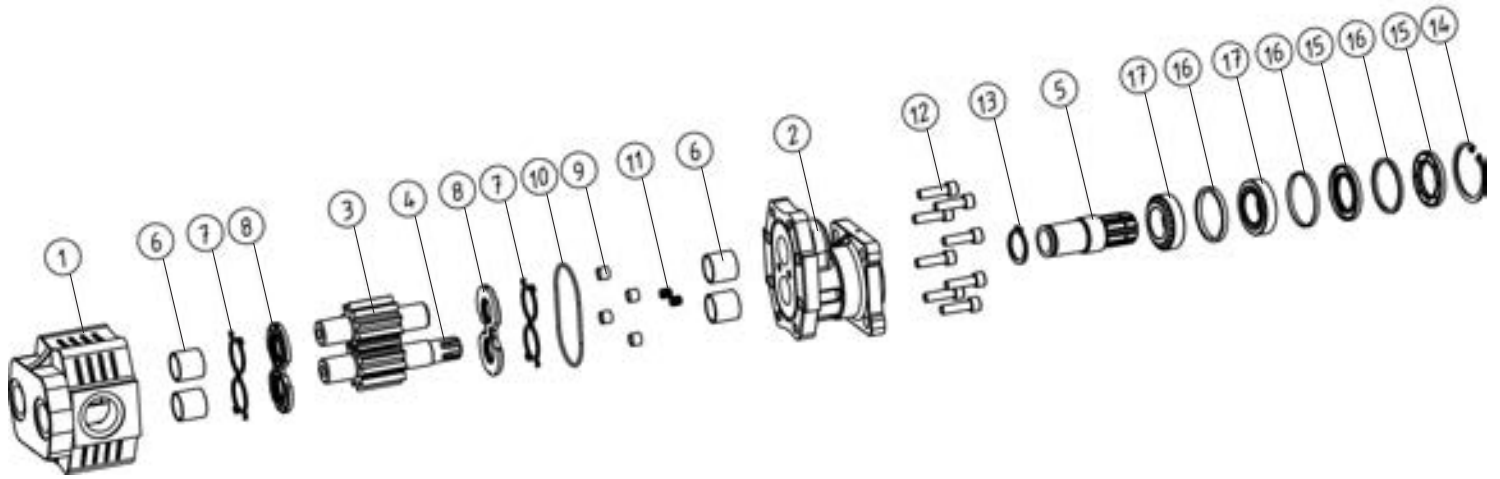
NO.	PARÇA İSMİ	ADET
1	Gövde	1
2	Kapak	1
3	Piyon Dişli	1
4	Tahrik Dişli	1
5	25*40*7 Keçe	1
6	28*32*30 Burç	4
7	M.ring	2
8	Alüminyum Plate	2
9	Denge Burç	4
10	O.ring	1
11	M10*10 Set Sukur	2
12	M10*35 İmbus Civata	8
13	472/40 Segman	1
14	Pul	1
Toplam Parça Sayısı		36



Kod
Code **HÇ 2066**

30-92 ÇİFT YÖNLÜ DİŞLİ POMPA

30-92 Bi-directional Gear Pump ISO



GENEL BİLGİLER / General Data

Pompa Kodu / Pump Codes	HÇ 2066
Yağ Girişi / Oil Inlet	R 1 1/4"
Yağ Çıkışı / Oil Outlet	R 1"
Akışkan / Fluid	37 - 46

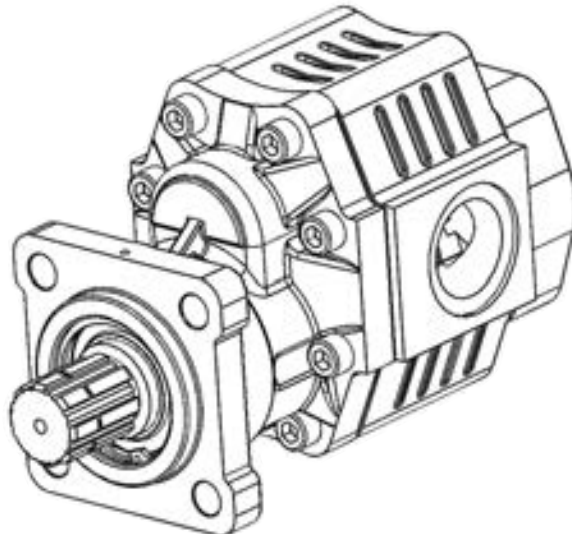
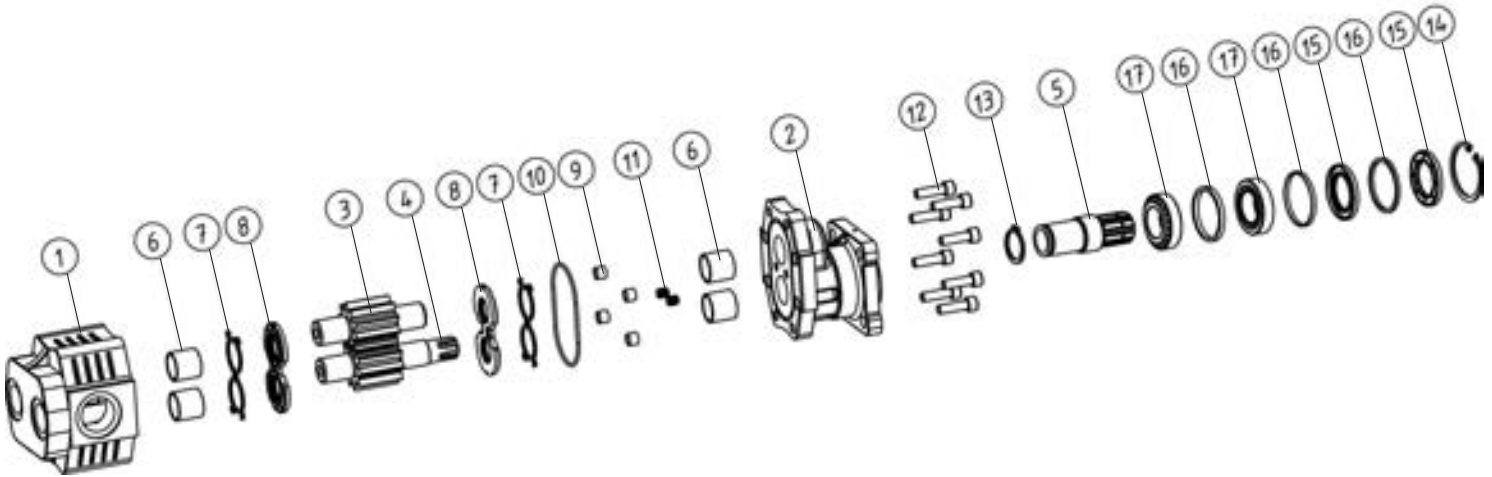
NO.	PARÇA İSMİ	ADET
1	Gövde	1
2	Kapak	1
3	Piyon Dişli	1
4	Tahrik Dişli	1
5	Dpa Mili	1
6	28*32*30 Burç	4
7	M.ring	2
8	Alüminyum Plate	2
9	Denge Burç	4
10	O.ring	1
11	M10*10 Set Sukur	2
12	M10*35 İmbus Civata	8
13	471/35 Segman	1
14	471/62 Segman	1
15	40*62*6 Keçe	2
16	Pul	3
17	32007 Rulman	2
Toplam Parça Sayısı		37



30-82 ÇİFT YÖNLÜ DİŞLİ POMPA

30-82 Bi-directional Gear Pump ISO

Kod
Code **HÇ 2069**



GENEL BİLGİLER / General Data

Pompa Kodu / Pump Codes	HÇ 2069
Yağ Girişi / Oil Inlet	R 1 1/4"
Yağ Çıkışı / Oil Outlet	R1"
Akışkan / Fluid	37 - 46

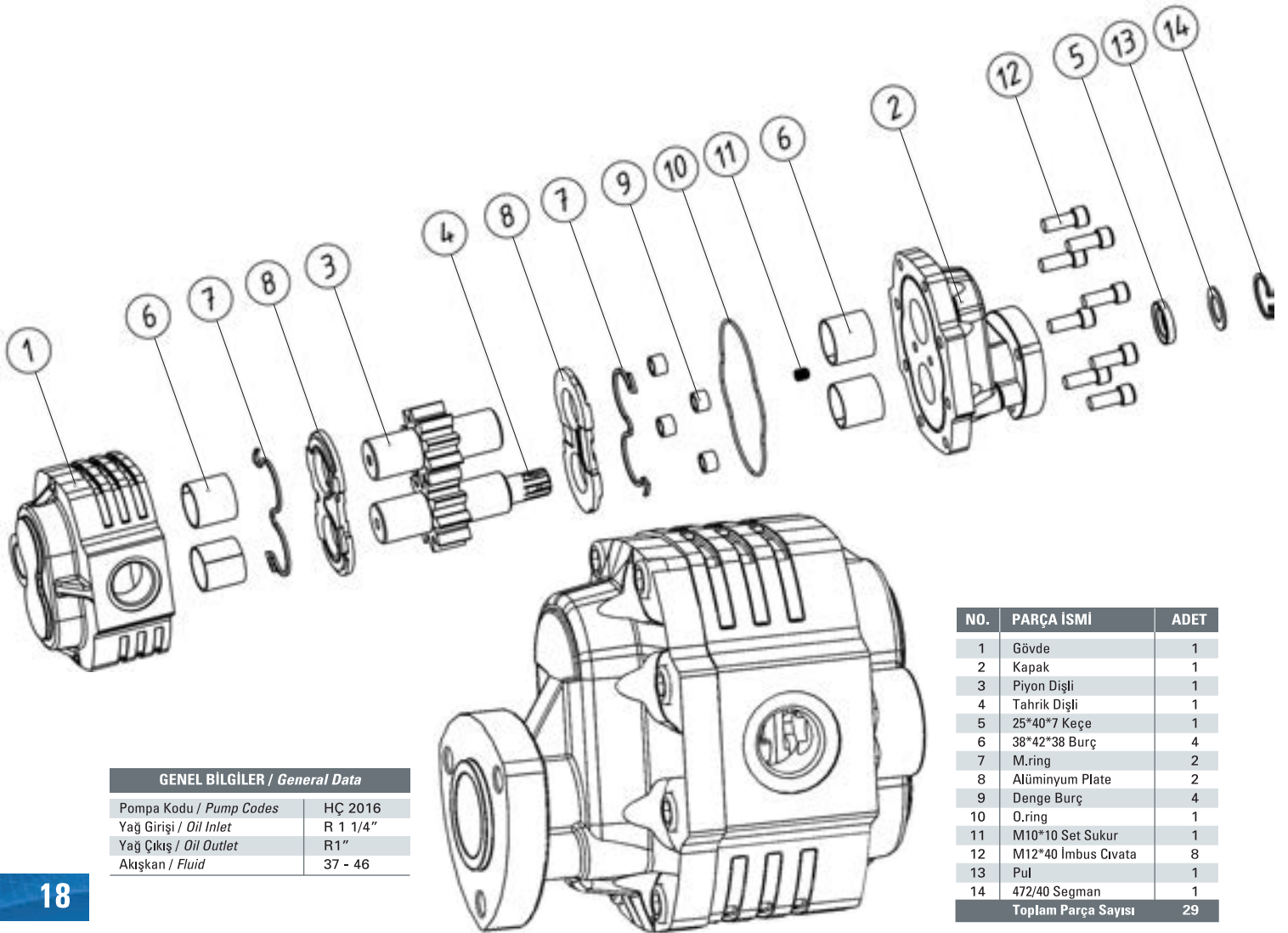
NO.	PARÇA İSMİ	ADET
1	Gövde	1
2	Kapak	1
3	Piyon Dişli	1
4	Tahrik Dişli	1
5	Dpa Mili	1
6	28*32*30 Burç	4
7	M.ring	2
8	Alüminyum Plate	2
9	Denge Burç	4
10	O.ring	1
11	M10*10 Set Sukur	2
12	M10*35 İmbus Civata	8
13	471/35 Segman	1
14	471/62 Segman	1
15	40*62*6 Keçe	2
16	Pul	3
17	32007 Rulman	2
Toplam Parça Sayısı		37



Kod
Code **HÇ 2016**

40-87 DİŞLİ POMPA T1

40-87 Gear Pump T1



GENEL BİLGİLER / General Data

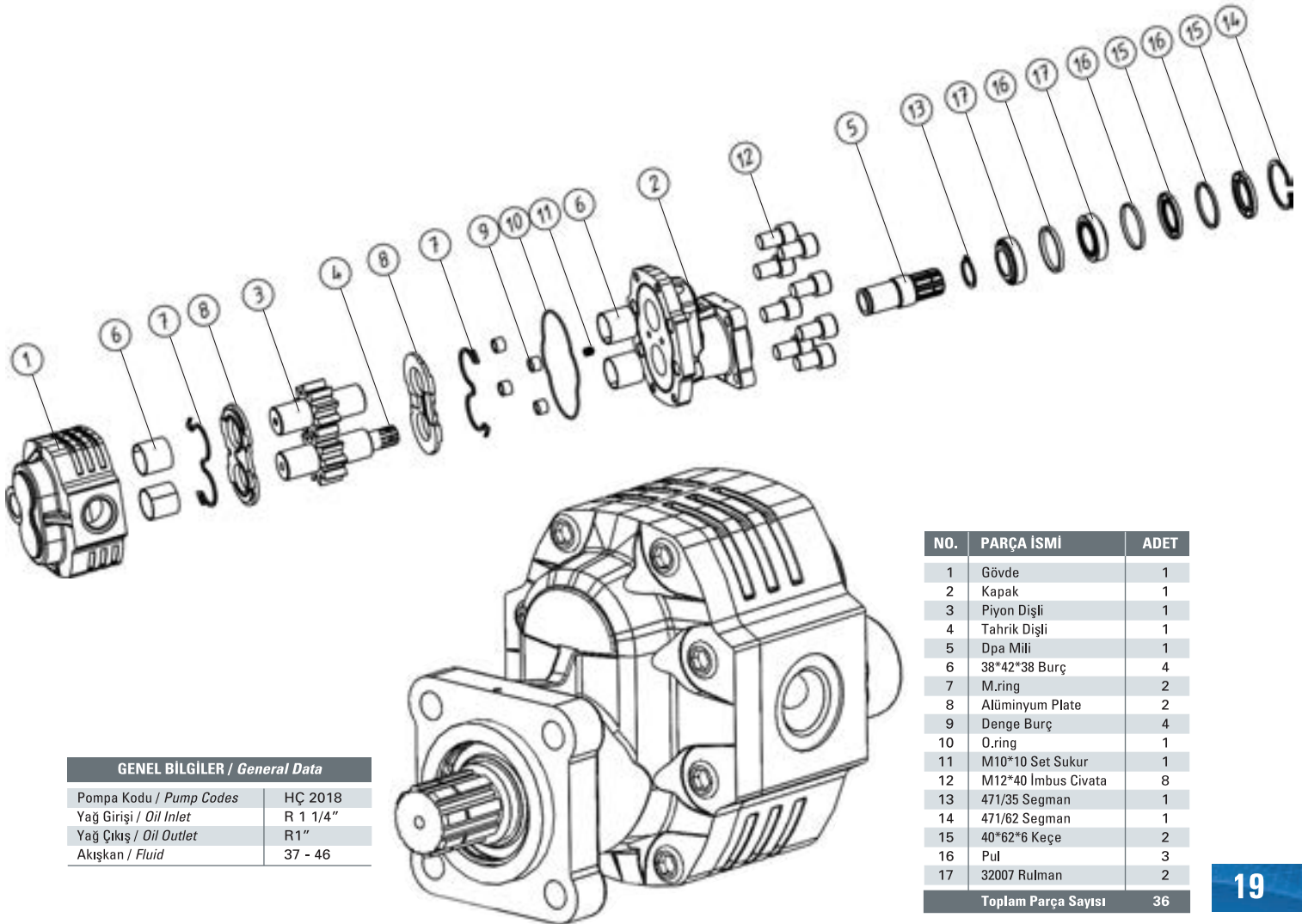
Pompa Kodu / Pump Codes	HÇ 2016
Yağ Girişi / Oil Inlet	R 1 1/4"
Yağ Çıkışı / Oil Outlet	R1"
Akışkan / Fluid	37 - 46

NO.	PARÇA İSMİ	ADET
1	Gövde	1
2	Kapak	1
3	Piyon Dişli	1
4	Tahrik Dişli	1
5	25*40*7 Keçe	1
6	38*42*38 Burç	4
7	M-ring	2
8	Alüminyum Plate	2
9	Denge Burç	4
10	O-ring	1
11	M10*10 Set Sukur	1
12	M12*40 İmbus Cıvata	8
13	Pul	1
14	472/40 Segman	1
Toplam Parça Sayısı		29



40-87 DİŞLİ POMPA ISO 40-87 Gear Pump ISO

Kod **HÇ 2018**
Code



GENEL BİLGİLER / General Data

Pompa Kodu / Pump Codes	HÇ 2018
Yağ Girişi / Oil Inlet	R 1 1/4"
Yağ Çıkışı / Oil Outlet	R1"
Akışkan / Fluid	37 - 46

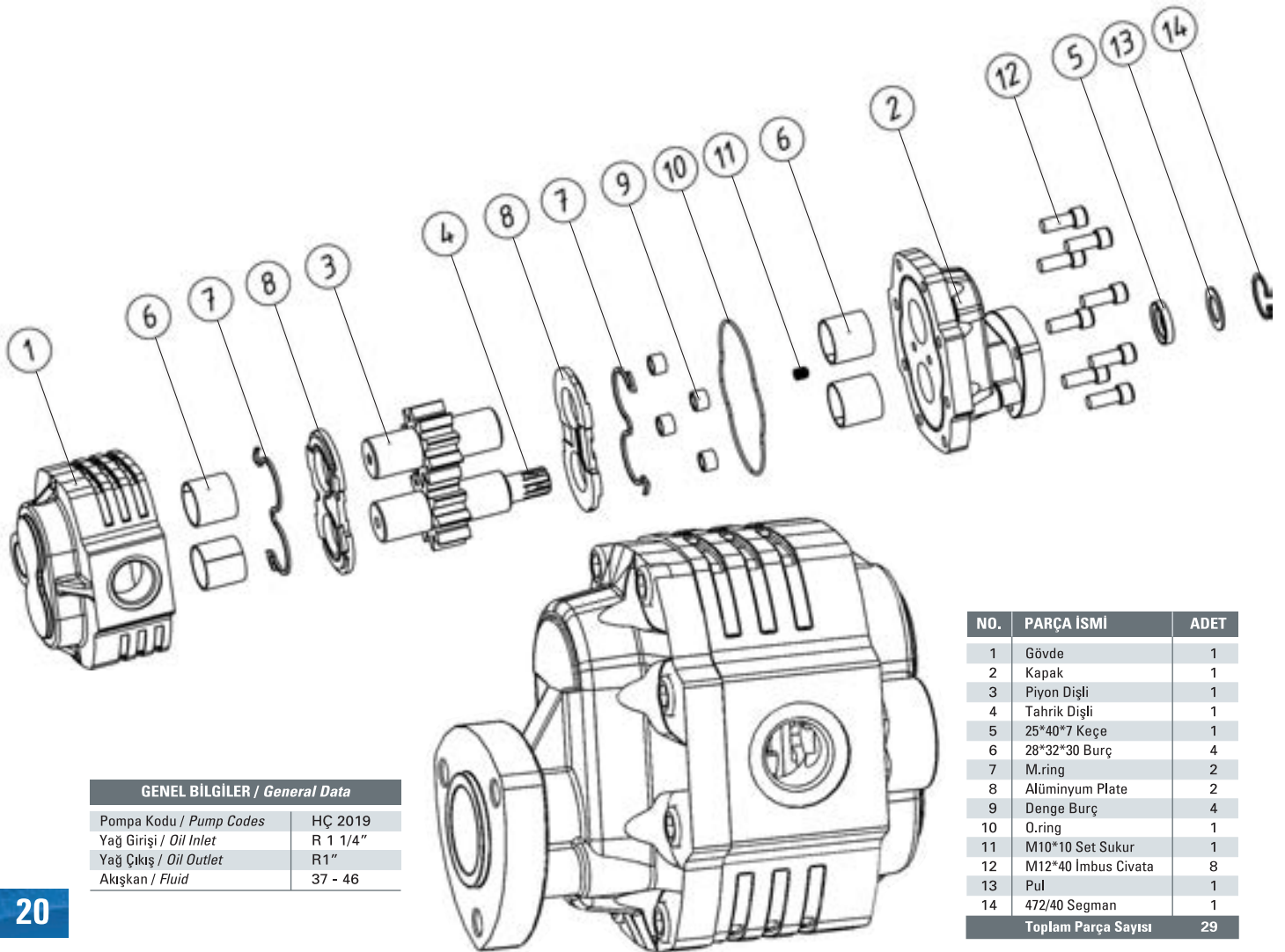
NO.	PARÇA İSMİ	ADET
1	Gövde	1
2	Kapak	1
3	Piyon Dişli	1
4	Tahrik Dişli	1
5	Dpa Mili	1
6	38*42*38 Burç	4
7	M.ring	2
8	Alüminyum Plate	2
9	Denge Burç	4
10	O.ring	1
11	M10*10 Set Sukur	1
12	M12*40 İmbus Civata	8
13	471/35 Segman	1
14	471/62 Segman	1
15	40*62*6 Keçe	2
16	Pul	3
17	32007 Rulman	2
Toplam Parça Sayısı		36



Kod
Code **HÇ 2019**

40-109 DİŞLİ POMPA T1

40-109 Gear Pump T1



GENEL BİLGİLER / General Data

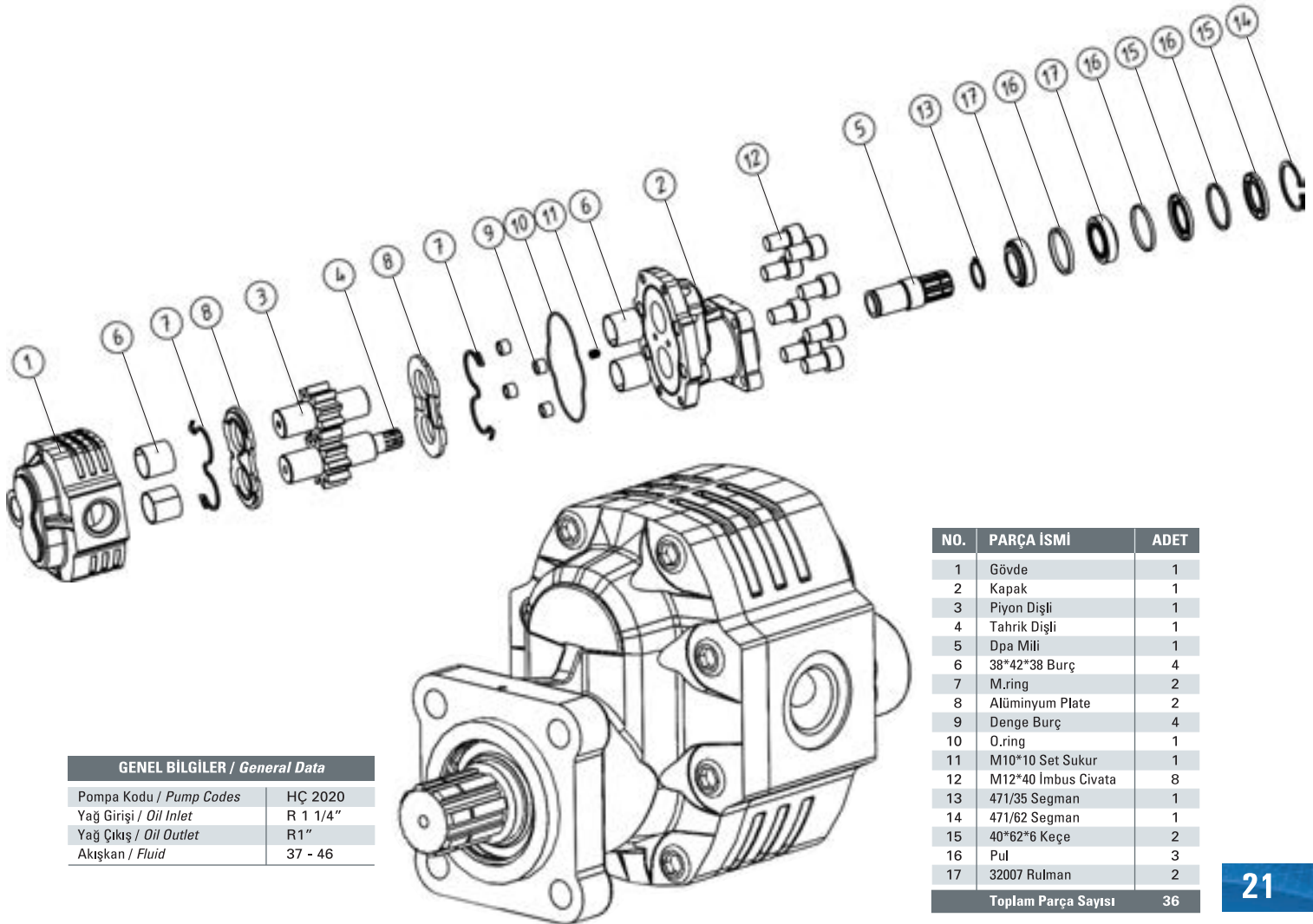
Pompa Kodu / Pump Codes	HÇ 2019
Yağ Girişi / Oil Inlet	R 1 1/4"
Yağ Çıkışı / Oil Outlet	R1"
Akışkan / Fluid	37 - 46

NO.	PARÇA İSMİ	ADET
1	Gövde	1
2	Kapak	1
3	Piyon Dişli	1
4	Tahrik Dişli	1
5	25*40*7 Keçe	1
6	28*32*30 Burç	4
7	M-ring	2
8	Alüminyum Plate	2
9	Denge Burç	4
10	O-ring	1
11	M10*10 Set Sukur	1
12	M12*40 Imbus Civata	8
13	Pul	1
14	472/40 Segman	1
Toplam Parça Sayısı		29



40-109 DİŞLİ POMPA ISO 40-109 Gear Pump ISO

Kod **HÇ 2020**
Code



GENEL BİLGİLER / General Data

Pompa Kodu / Pump Codes	HÇ 2020
Yağ Girişi / Oil Inlet	R 1 1/4"
Yağ Çıkışı / Oil Outlet	R1"
Akışkan / Fluid	37 - 46

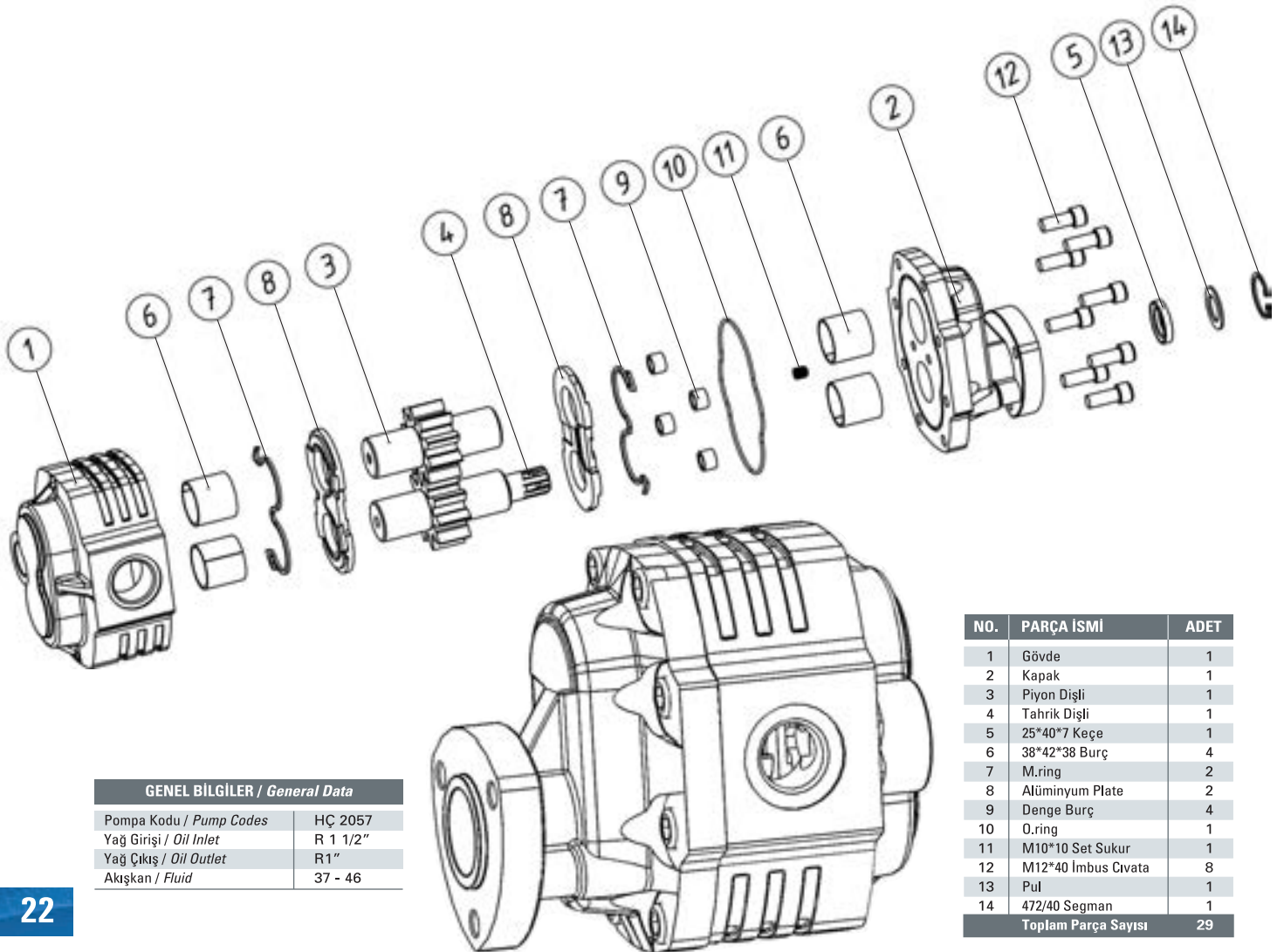
NO.	PARÇA İSMİ	ADET
1	Gövde	1
2	Kapak	1
3	Piyon Dişli	1
4	Tahrik Dişli	1
5	Dpa Mili	1
6	38*42*38 Burç	4
7	M.ring	2
8	Alüminyum Plate	2
9	Denge Burç	4
10	O.ring	1
11	M10*10 Set Sukur	1
12	M12*40 İmbus Civata	8
13	471/35 Segman	1
14	471/62 Segman	1
15	40*62*6 Keçe	2
16	Pul	3
17	32007 Rulman	2
Toplam Parça Sayısı		36



Kod
Code **HÇ 2057**

40-151 DİŞLİ POMPA T1

40-151 Gear Pump T1



GENEL BİLGİLER / General Data

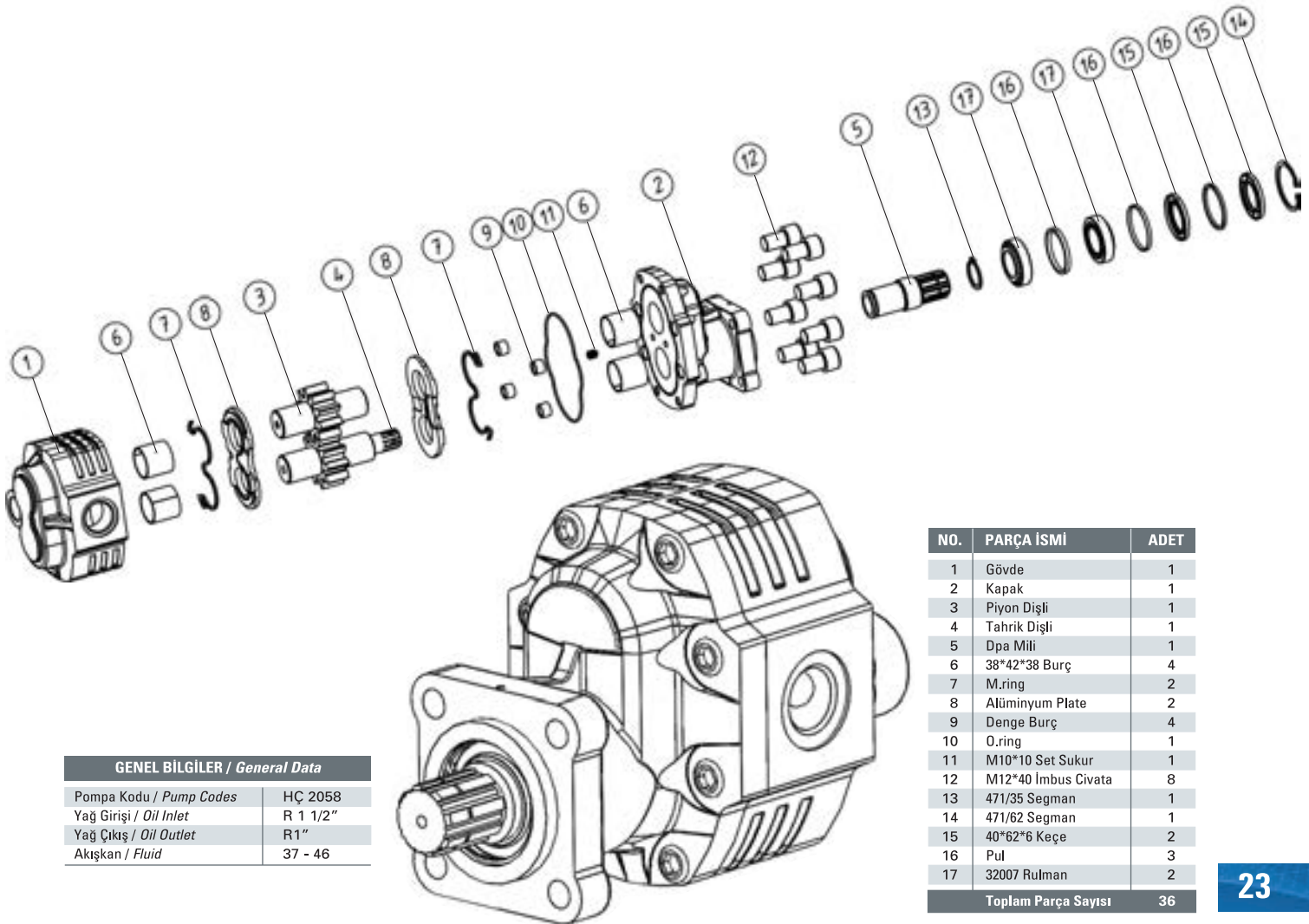
Pompa Kodu / Pump Codes	HÇ 2057
Yağ Girişi / Oil Inlet	R 1 1/2"
Yağ Çıkışı / Oil Outlet	R 1"
Akışkan / Fluid	37 - 46

NO.	PARÇA İSMİ	ADET
1	Gövde	1
2	Kapak	1
3	Piyon Dişli	1
4	Tahrik Dişli	1
5	25*40*7 Keçe	1
6	38*42*38 Burç	4
7	M.ring	2
8	Alüminyum Plate	2
9	Denge Burç	4
10	O.ring	1
11	M10*10 Set Sukur	1
12	M12*40 İmbus Cıvata	8
13	Pul	1
14	472/40 Segman	1
Toplam Parça Sayısı		29



40-151 DİŞLİ POMPA ISO 40-151 Gear Pump ISO

Kod **HÇ 2058**
Code



GENEL BİLGİLER / General Data

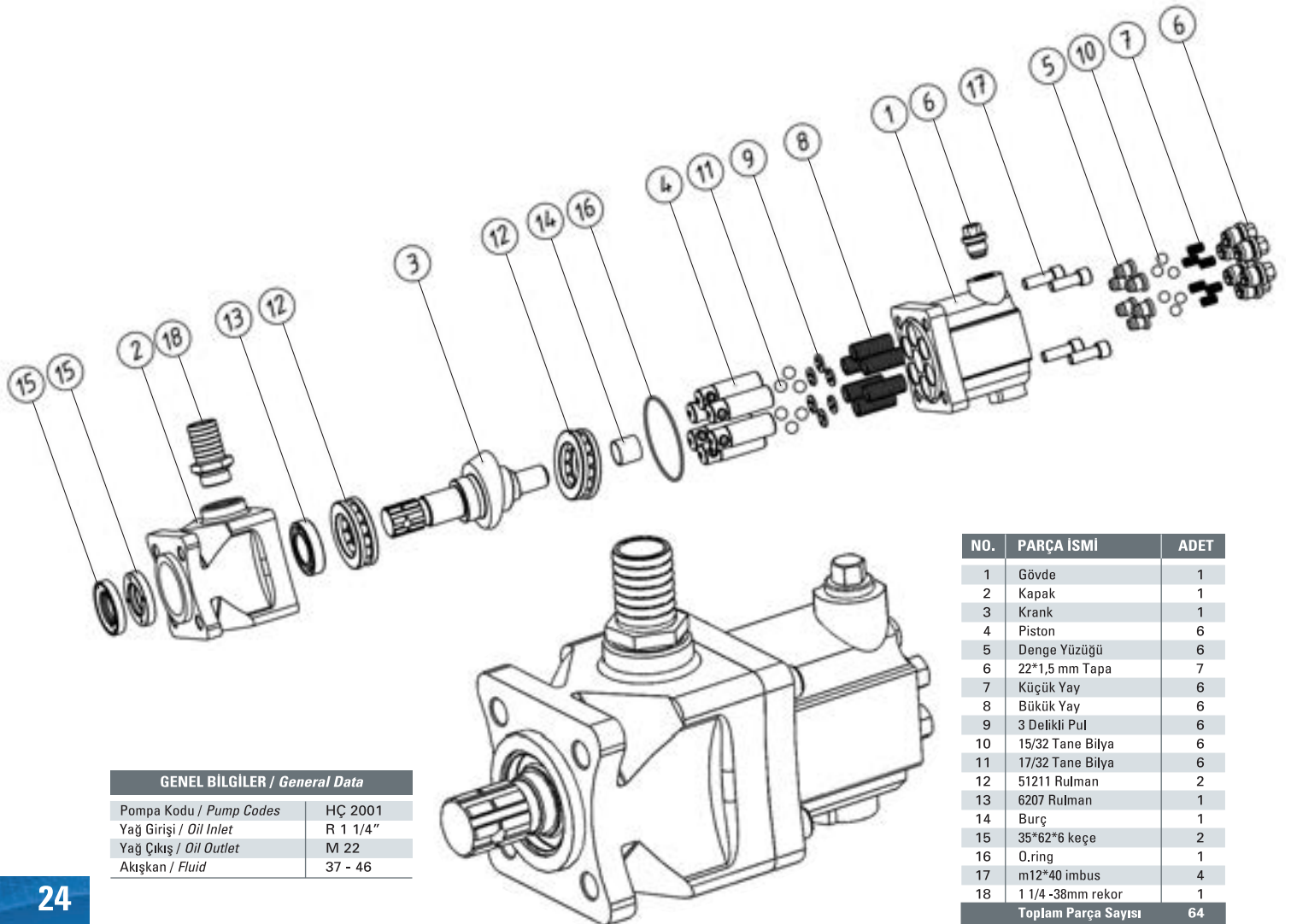
Pompa Kodu / Pump Codes	HÇ 2058
Yağ Girişi / Oil Inlet	R 1 1/2"
Yağ Çıkışı / Oil Outlet	R1"
Akışkan / Fluid	37 - 46

NO.	PARÇA İSMİ	ADET
1	Gövde	1
2	Kapak	1
3	Piyon Dişli	1
4	Tahrik Dişli	1
5	Dpa Mili	1
6	38*42*38 Burç	4
7	M.ring	2
8	Alüminyum Plate	2
9	Denge Burç	4
10	O.ring	1
11	M10*10 Set Sukur	1
12	M12*40 İmbus Civata	8
13	471/35 Segman	1
14	471/62 Segman	1
15	40*62*6 Keçe	2
16	Pul	3
17	32007 Rulman	2
Toplam Parça Sayısı		36



Kod
Code **HÇ 2001**

6 PİSTONLU POMPA 6 Piston Pump



GENEL BİLGİLER / General Data

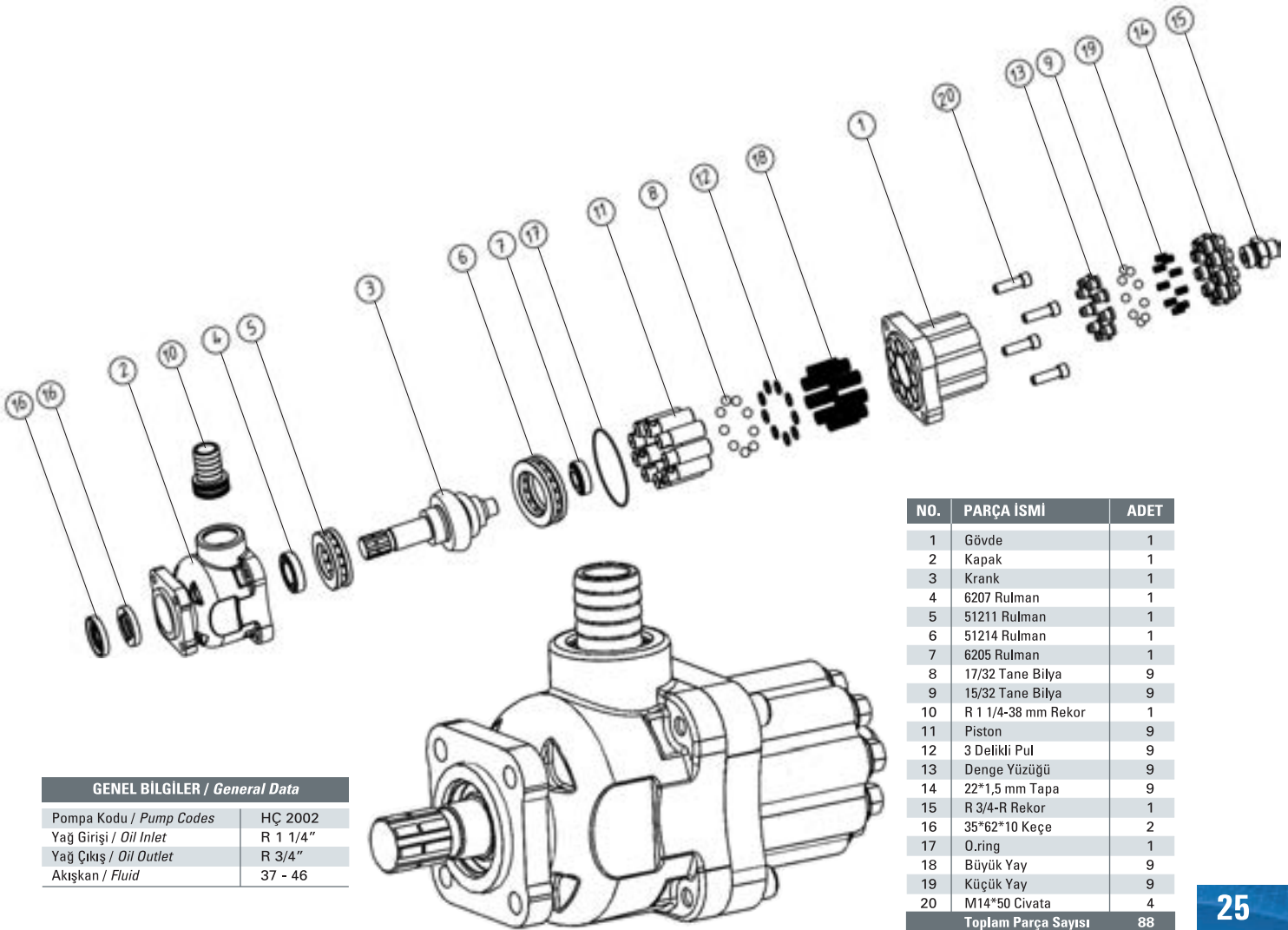
Pompa Kodu / Pump Codes	HÇ 2001
Yağ Girişi / Oil Inlet	R 1 1/4"
Yağ Çıkışı / Oil Outlet	M 22
Akışkan / Fluid	37 - 46

NO.	PARÇA İSMİ	ADET
1	Gövde	1
2	Kapak	1
3	Krank	1
4	Piston	6
5	Denge Yüzüğü	6
6	22*1,5 mm Tapa	7
7	Küçük Yay	6
8	Büyük Yay	6
9	3 Delikli Pul	6
10	15/32 Tane Bilya	6
11	17/32 Tane Bilya	6
12	51211 Rulman	2
13	6207 Rulman	1
14	Burç	1
15	35*62*6 keçe	2
16	O.ring	1
17	m12*40 imbus	4
18	1 1/4 -38mm rekor	1
Toplam Parça Sayısı		64



9 PİSTONLU POMPA 9 Piston Pump

Kod **HÇ 2002**
Code



GENEL BİLGİLER / General Data

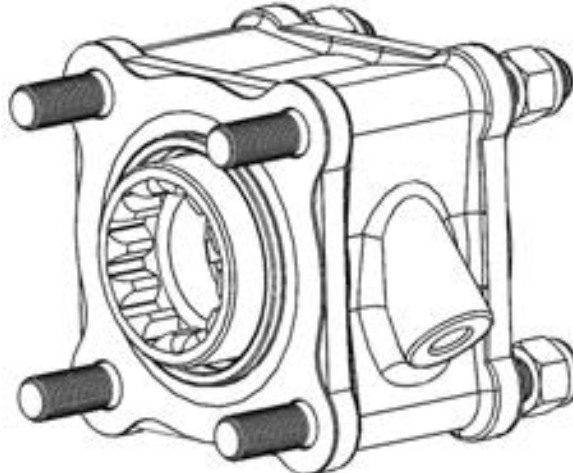
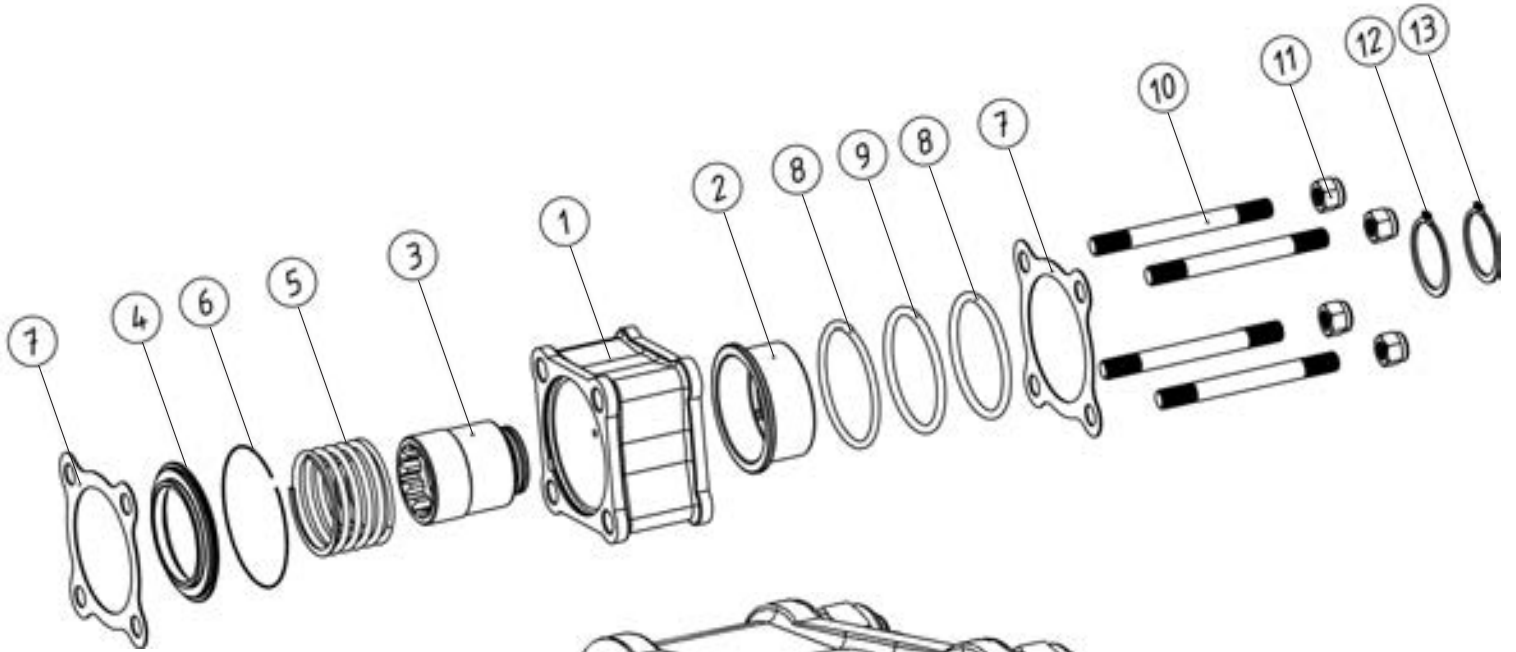
Pompa Kodu / Pump Codes	HÇ 2002
Yağ Girişi / Oil Inlet	R 1 1/4"
Yağ Çıkışı / Oil Outlet	R 3/4"
Akışkan / Fluid	37 - 46

NO.	PARÇA İSMİ	ADET
1	Gövde	1
2	Kapak	1
3	Krank	1
4	6207 Rulman	1
5	51211 Rulman	1
6	51214 Rulman	1
7	6205 Rulman	1
8	17/32 Tane Bilya	9
9	15/32 Tane Bilya	9
10	R 1 1/4-38 mm Rekor	1
11	Piston	9
12	3 Delikli Pul	9
13	Denge Yüzüğü	9
14	22*1,5 mm Tapa	9
15	R 3/4-R Rekor	1
16	35*62*10 Keçe	2
17	O-ring	1
18	Büyük Yay	9
19	Küçük Yay	9
20	M14*50 Civata	4
Toplam Parça Sayısı		88



Kod
Code **HÇ 2009**

ZF 1 PTO ZF 1 Power Take Off



GENEL BİLGİLER / General Data

Pompa Kodu / Pump Codes	HÇ 2009
Ana Şanzuman / Gearbox	ZF16S151-ZF 9 S 109(1291) -ZF 9 S 75-
Dönüş Yönü / P.T.O Rotation	Sağ / Right
Bağlantı / Mounting	Kuyruk / Rear
Kumanda / Control	Havali/Pneumatic

Kullanılan Araçlar

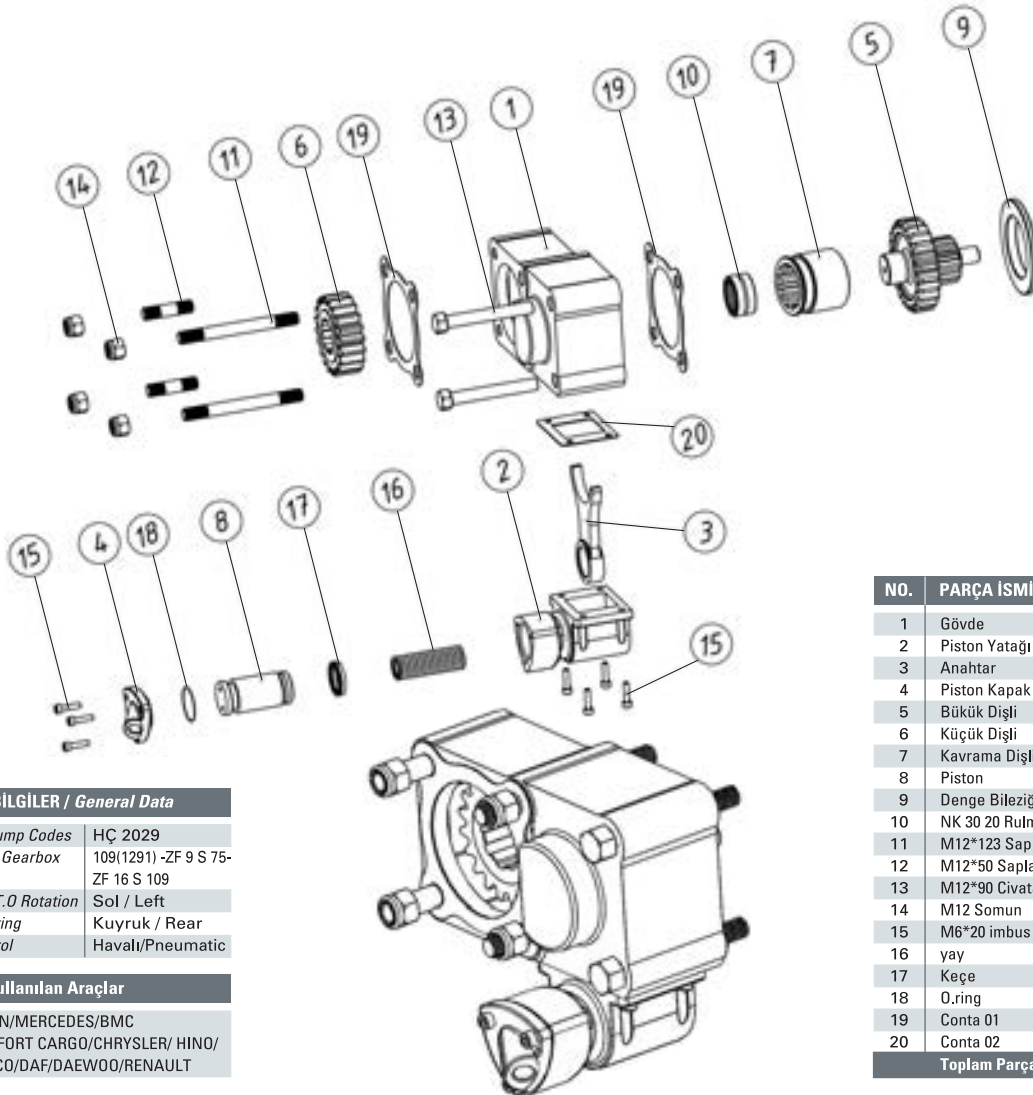
MAN/MERCEDES/BMC
PROFESYONEL/FORT CARGO/CHRYSLER
HINO/DODGE/IVECO/ DAF/ DAEWOO/
RENAULT

NO.	PARÇA İSMİ	ADET
1	Gövde	1
2	Piston	1
3	Kavrama Diğlisi	1
4	Merkezleme Pulu	1
5	Yay	1
6	Tel Segman	1
7	Conta O1	2
8	5.33*69,22 O.ring	2
9	4.00*70.00 O.ring	1
10	M12*123 Saplama	4
11	M12 Somun	4
12	471/42 Segman	1
13	471/47 Segman	1
Toplam Parça Sayısı		21



ZF 2 PTO ZF 2 Power Take Off

Kod
Code **HÇ 2029**



GENEL BİLGİLER / General Data

Pompa Kodu / Pump Codes	HÇ 2029
Ana Şanzuman / Gearbox	109(1291) -ZF 9 S 75- ZF 16 S 109
Dönüş Yönü / P.T.O Rotation	Sol / Left
Bağlantı / Mounting	Kuyruk / Rear
Kumanda / Control	Havali/Pneumatic

Kullanılan Araçlar

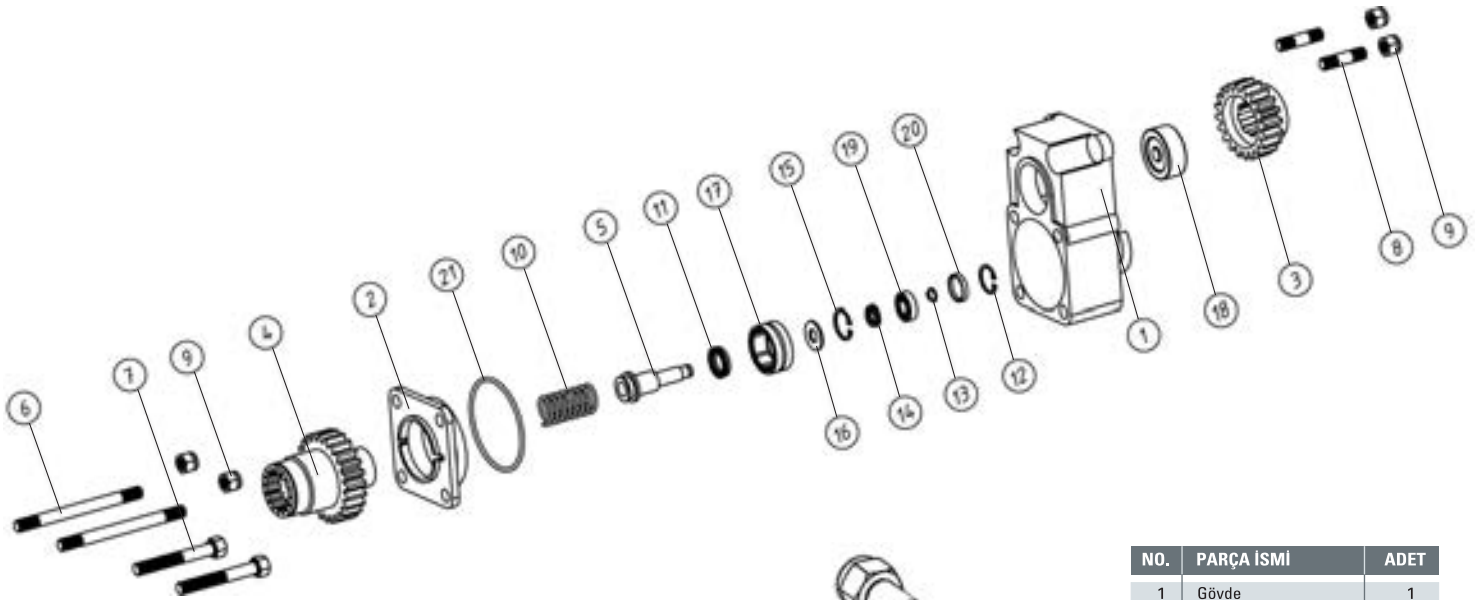
MAN/MERCEDES/BMC
PROFESYONEL/FORT CARGO/CHRYSLER/ HINO/
DODGE IVECO/DAF/DAEWOO/RENAULT

NO.	PARÇA İSMİ	ADET
1	Gövde	1
2	Piston Yatağı	1
3	Anahtar	1
4	Piston Kapak	1
5	Bükük Dişli	1
6	Küçük Dişli	1
7	Kavrama Dişlisi	1
8	Piston	1
9	Denge Bileziği	1
10	NK 30 20 Rulman	1
11	M12*123 Saplama	2
12	M12*50 Saplama	2
13	M12*90 Civata	2
14	M12 Somun	4
15	M6*20 imbus	7
16	yay	1
17	Keçe	1
18	O.ring	1
19	Conta 01	2
20	Conta 02	1
Toplam Parça Sayısı		33



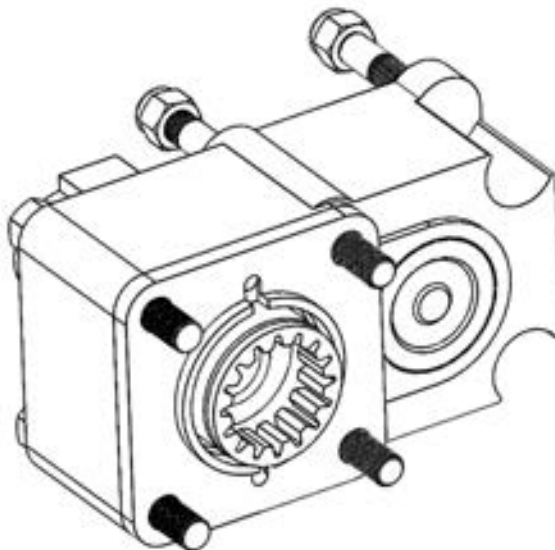
Kod
Code **HÇ 2065**

ZF 2 PTO HY ZF 2 Power Take Off HY



GENEL BİLGİLER / General Data	
Pompa Kodu / Pump Codes	HÇ 2065
Ana Şanzuman / Gearbox	ZF 16S151-ZF 9 S 109(1291) -ZF 9 S 75-
Dönüş Yönü / P.T.O Rotation	Sol / Left
Bağlantı / Mounting	Kuyruk / Rear
Kumanda / Control	Havali/Pneumatic

Kullanılan Araçlar	
MAN/MERCEDES/BMC	
PROFESYONEL/FORT CARGO/CHRYSLER/ HINO/	
DODGE IVECO/DAF/DAEWOO/RENAULT	

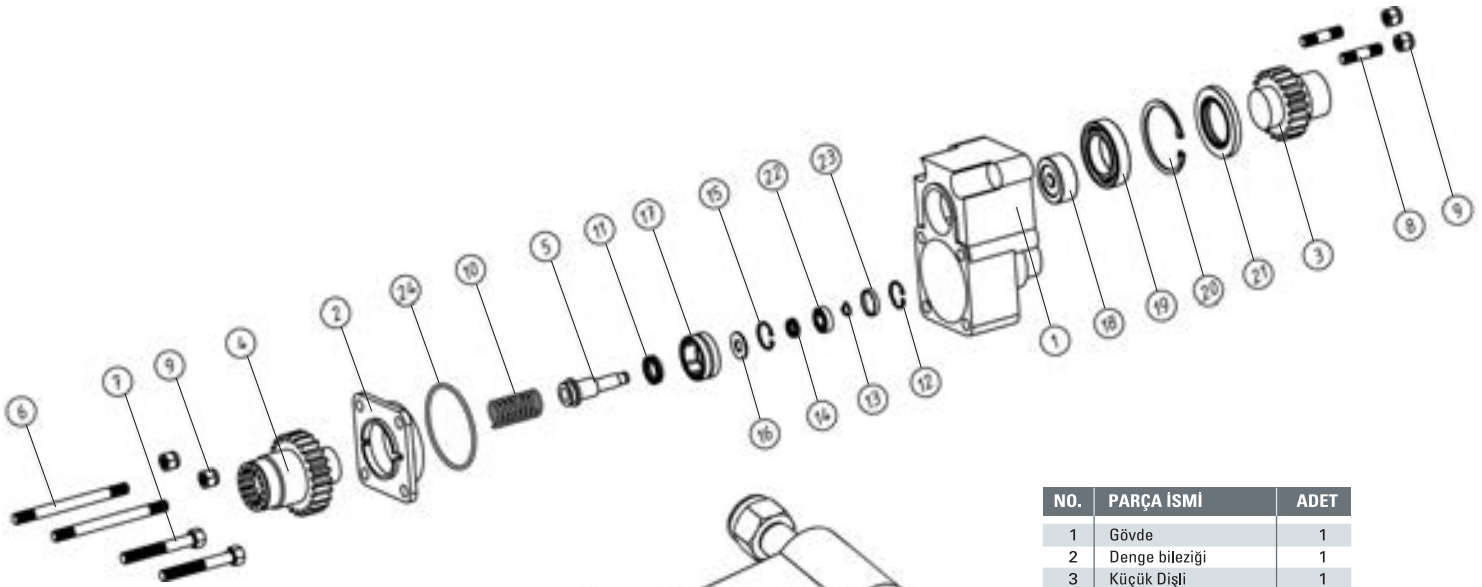


NO.	PARÇA İSMİ	ADET
1	Gövde	1
2	Denge bileziği	1
3	Küçük Dişli	1
4	Büyük Dişli	1
5	Piston	1
6	M12*135 Saplama	2
7	M12*100 Civata	2
8	M12*50 Saplama	2
9	M12 Somun	4
10	Yay	1
11	Keçe 1	1
12	472/28 Segman	1
13	471/12 Segman	1
14	Keçe 2	1
15	472/30 Segman	1
16	Pul	1
17	NK 4020 Rulman	1
18	Tapa 2	1
19	6001 Rulman	1
20	Tapa 1	1
21	O.ring	1
Toplam Parça Sayısı		27



Kod
Code **HÇ 2068**

ZF 2 PTO HYK ZF 2 Power Take Off HYK



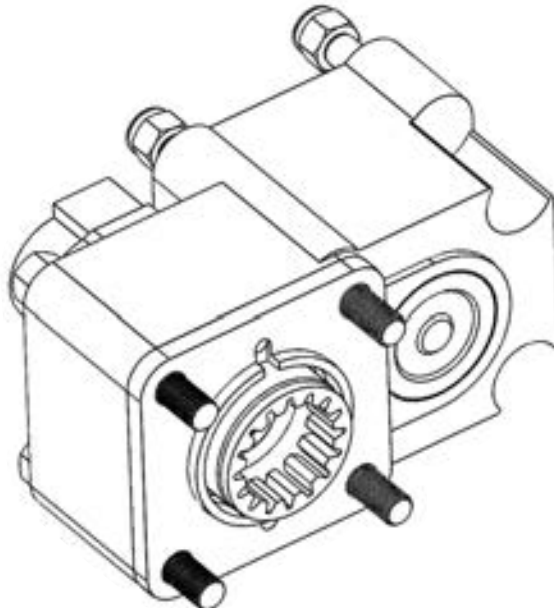
NO.	PARÇA İSMİ	ADET
1	Gövde	1
2	Denge bileziği	1
3	Küçük Dişli	1
4	Büyük Dişli	1
5	Piston	1
6	M12*115 Saplama	2
7	M12*110 Civata	2
8	M12*50 Saplama	2
9	M12 Somun	4
10	Yay	1
11	Keçe 1	1
12	472/28 Segman	1
13	471/12 Segman	1
14	Keçe 2	1
15	472/30 Segman	1
16	Pul	1
17	NK 40/20 Rulman	1
18	BK4520 Rulman	1
19	50*80*8 Keçe	1
20	6010 Rulman	1
21	472/80 Segman	1
22	6001 Rulman	1
23	Tapa	1
24	O.ring	1
Toplam Parça Sayısı		30

GENEL BİLGİLER / General Data

Pompa Kodu / Pump Codes	HÇ 2068
Ana Şanzuman / Gearbox	109(1291) -ZF 9 S 75- ZF 16 S 109
Dönüş Yönü / P.T.O Rotation	Sol / Left
Bağlantı / Mounting	Kuyruk / Rear
Kumanda / Control	Havali/Pneumatic

Kullanılan Araçlar

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

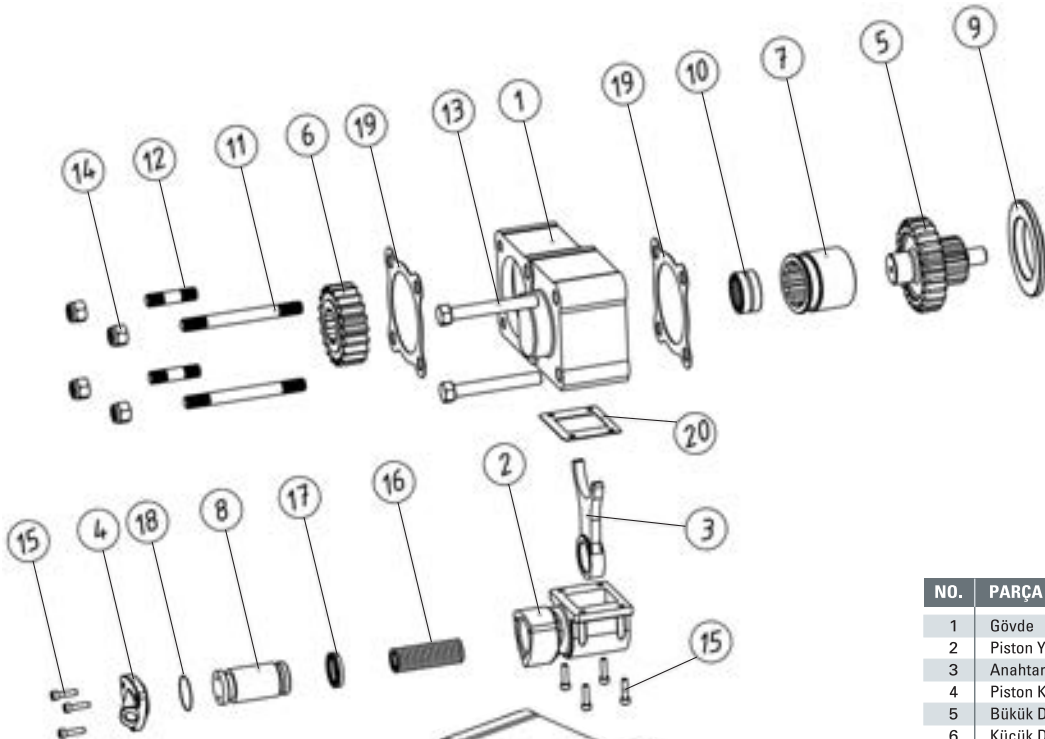




Kod
Code **HÇ 2045**

ZF 6 S 850 ÇİFT DİŞLİ PTO

ZF 2 6 S 850 Power Take Off



GENEL BİLGİLER / General Data

Pompa Kodu / Pump Codes	HÇ 2045
Ana Şanzuman / Gearbox	ZF 6S 850 ZF 6 S 700 ZF 44 ZF 6 S 36
Dönüş Yönü / P.T.O Rotation	Sol / Left
Bağlantı / Mounting	Kuyruk / Rear
Kumanda / Control	Havali/Pneumatic

Kullanılan Araçlar

8.163-10.185-LE 160C-LE 12.160-12.163-12.185- LE 18.220-
18.25-18.240-28280 MAN / 180.18-180.25-280.25-280.26
FATİH BMC / LF55-CF65-CF75 DAF / 815 ATEGO / 522-
518 PRO TGL 8.180-12.180 / DAEWOO AVINA (Çek Cum.)
ASHOK LEYLAN /

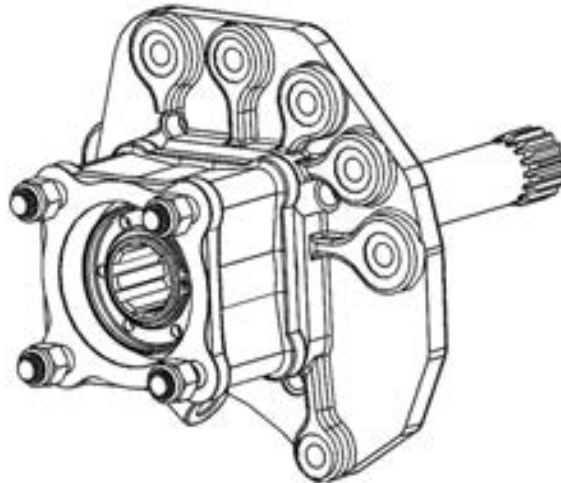
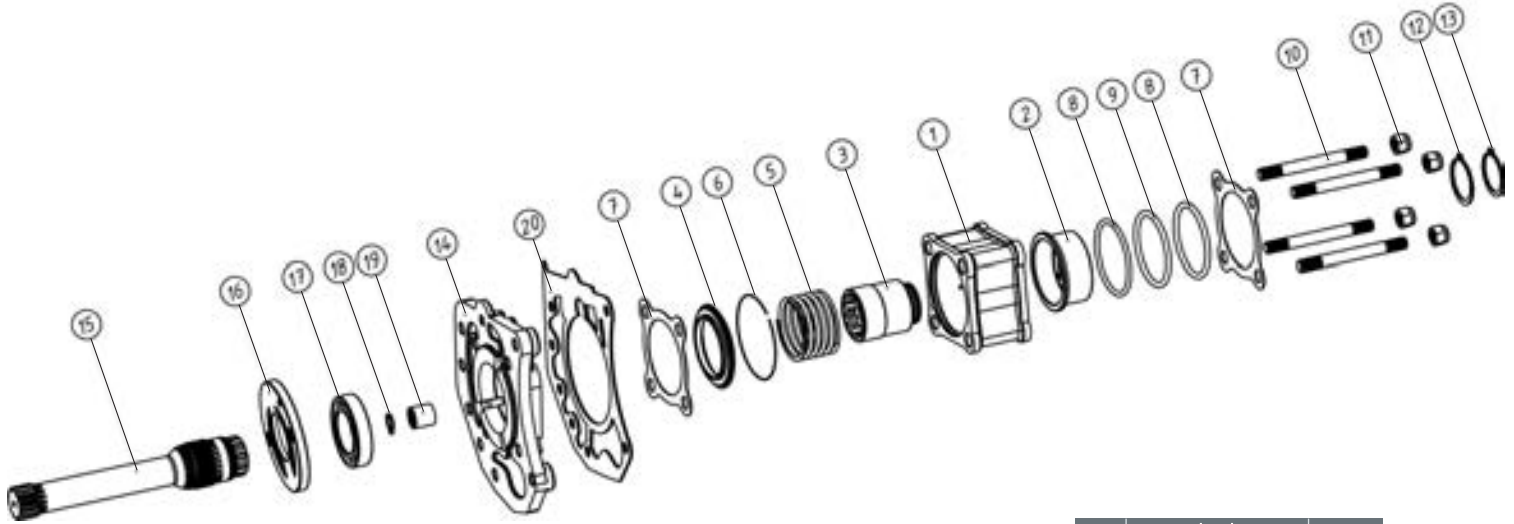
NO.	PARÇA İSMİ	ADET
1	Gövde	1
2	Piston Yatağı	1
3	Anahtar	1
4	Piston Kapak	1
5	Büyük Dişli	1
6	Küçük Dişli	1
7	Kavrama Dişlisi	1
8	Piston	1
9	Denge Bileziği	1
10	NK 30 20 Rulman	1
11	M12*123 Saplama	2
12	M12*50 Saplama	2
13	M12*90 Civata	2
14	M12 Somun	4
15	M6*20 imbus	7
16	yay	1
17	Keçe	1
18	O-ring	1
19	Conta 01	2
20	Conta 02	1
Toplam Parça Sayısı		33



MERCEDES AXOR G 211 TEK DİŞLİ PTO

Mercedes Axor G 211 Power Take Off

Kod
Code **HÇ 2059**



GENEL BİLGİLER / General Data

Pompa Kodu / Pump Codes	HÇ 2059
Ana Şanzuman / Gearbox	G 210-211-260.16 G131.9 G240.16
Dönüş Yönü / P.T.O Rotation	Sağ / Right
Bağlantı / Mounting	Kuyruk / Rear
Kumanda / Control	Havali/Pneumatic

Kullanılan Araçlar

1628-1835-1840-1841-1843-1846-1858-2535-3028-
3228-3235-3326-4040-4141-4148 1831-1833-1834-
2040-22540-2543-2553-2640-3225-3235-3236-3340-
3344-4038-4140-4143AXOR

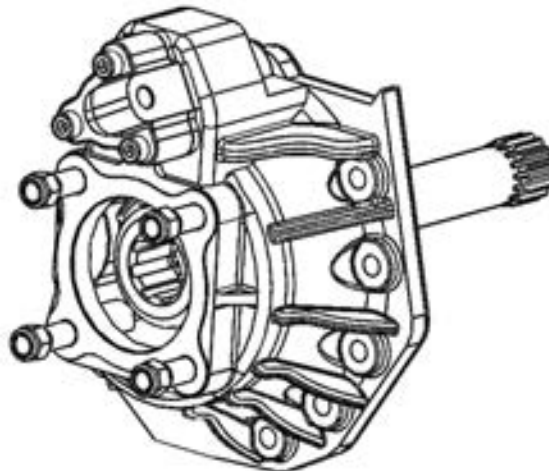
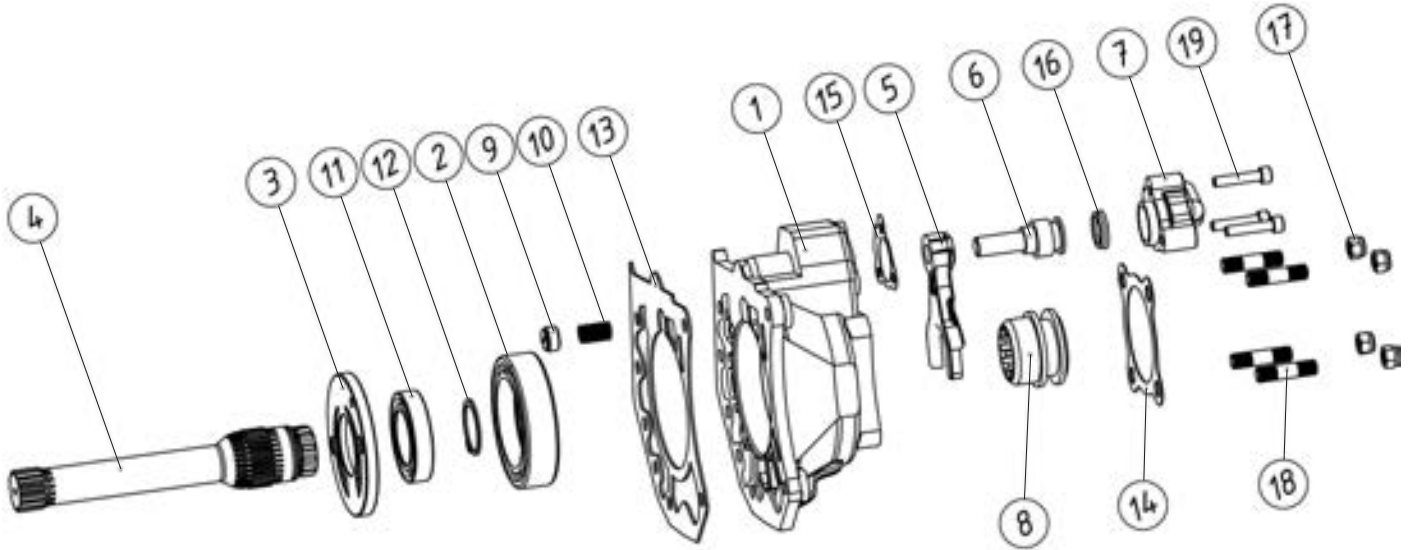
NO.	PARÇA İSMİ	ADET
1	Gövde	1
2	Piston	1
3	Kavrama Dişlisi	1
4	Merkeziye Pulu	1
5	Yay	1
6	Tel Segman	1
7	Conta 01	2
8	5.33*69,22 O.ring	2
9	4.00*70.00 O.ring	1
10	M12*123 Saplama	4
11	M12 Somun	4
12	471/42 Segman	1
13	471/47 Segman	1
14	G 211 Plate	1
15	Kardan Mili	1
16	Alüminyum Plate	1
17	6009 Rulman	1
18	472/45 Segman	1
19	Hk 1616 Rulman	1
20	Conta 03	1
Toplam Parça Sayısı		28



Kod
Code **HÇ 2043**

MERCEDES AXOR G 131 TEK DİŞLİ PTO

Mercedes Axor G 131 Power Take Off



GENEL BİLGİLER / General Data

Pompa Kodu / Pump Codes	HÇ 2043
Ana Şanzuman / Gearbox	G 210-211-260.16 G131.9 G240.16
Dönüş Yönü / P.T.O Rotation	Sağ / Right
Bağlantı / Mounting	Kuyruk / Rear
Kumanda / Control	Havalı/Pneumatic

Kullanılan Araçlar

1628-1835-1840-1841-1843-1846-1858-2535-3028-
3228-3235-3326-4040-4141-4148-1831-1833-1834-
2040-2540-2543-2553-2640-3225-3235-3236-3340-
3344-4038-4140-4143AXOR

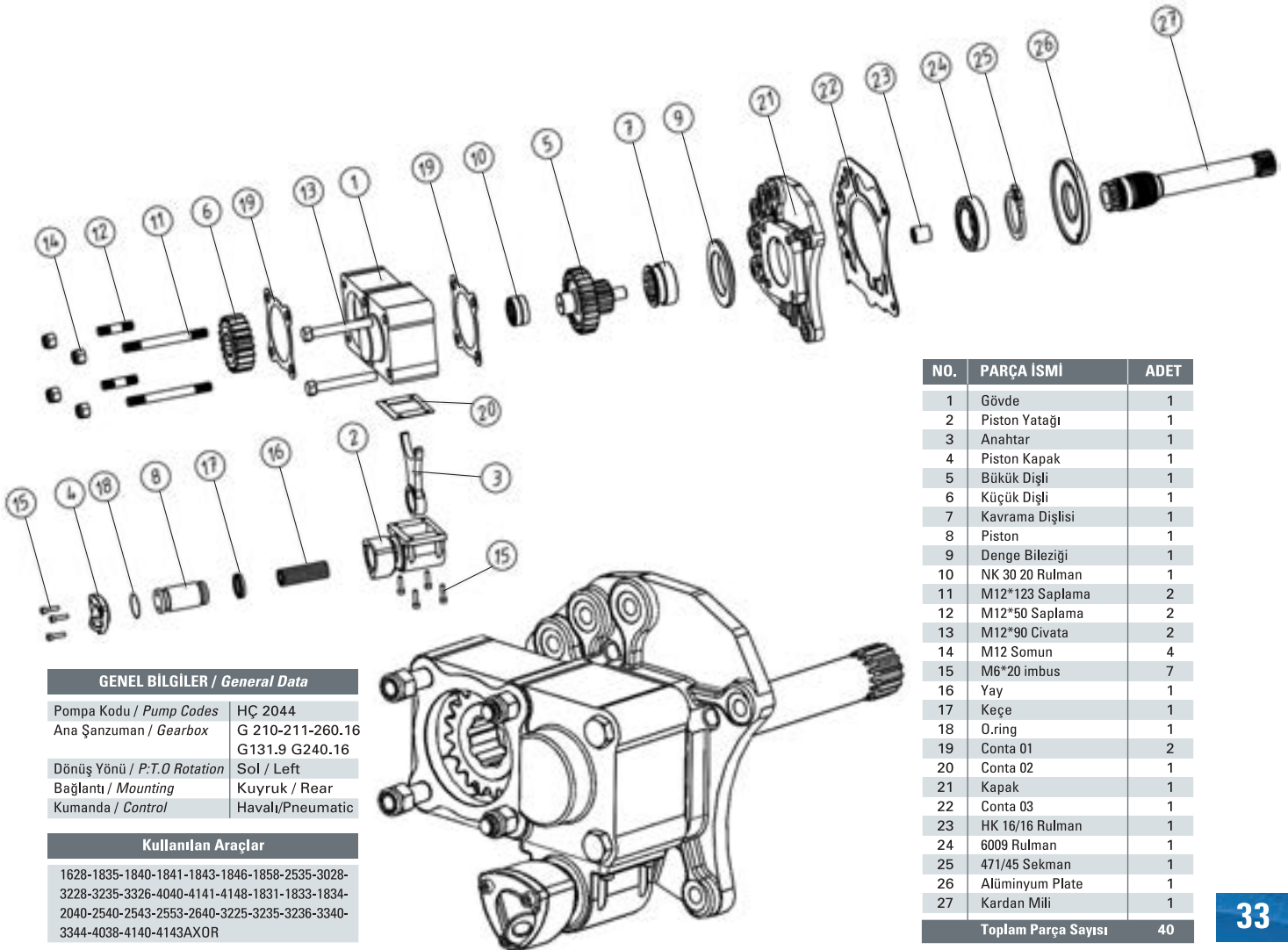
NO.	PARÇA İSMİ	ADET
1	Alüminyum Gövde	1
2	Rulman Yatağı	1
3	Alüminyum Plate	1
4	Kardan Mili	1
5	Anahtar	1
6	Piston	1
7	Piston Kapak	1
8	Kavrama Dişlisi	1
9	m20*1.5 tapa	1
10	Yay	1
11	6009 Rulman	1
12	471/45 Sekman	1
13	Conta 4	1
14	Conta 01	1
15	Conta 03	1
16	Keçe	1
17	m12 Somun	4
18	m12*50 Saplama	4
19	m8*40 imbus	3
Toplam Parça Sayısı		27



MERCEDES AXOR G 211 ÇİFT DİŞLİ PTO

Mercedes Axor G 211 Power Take Off

Kod
Code **HÇ 2044**



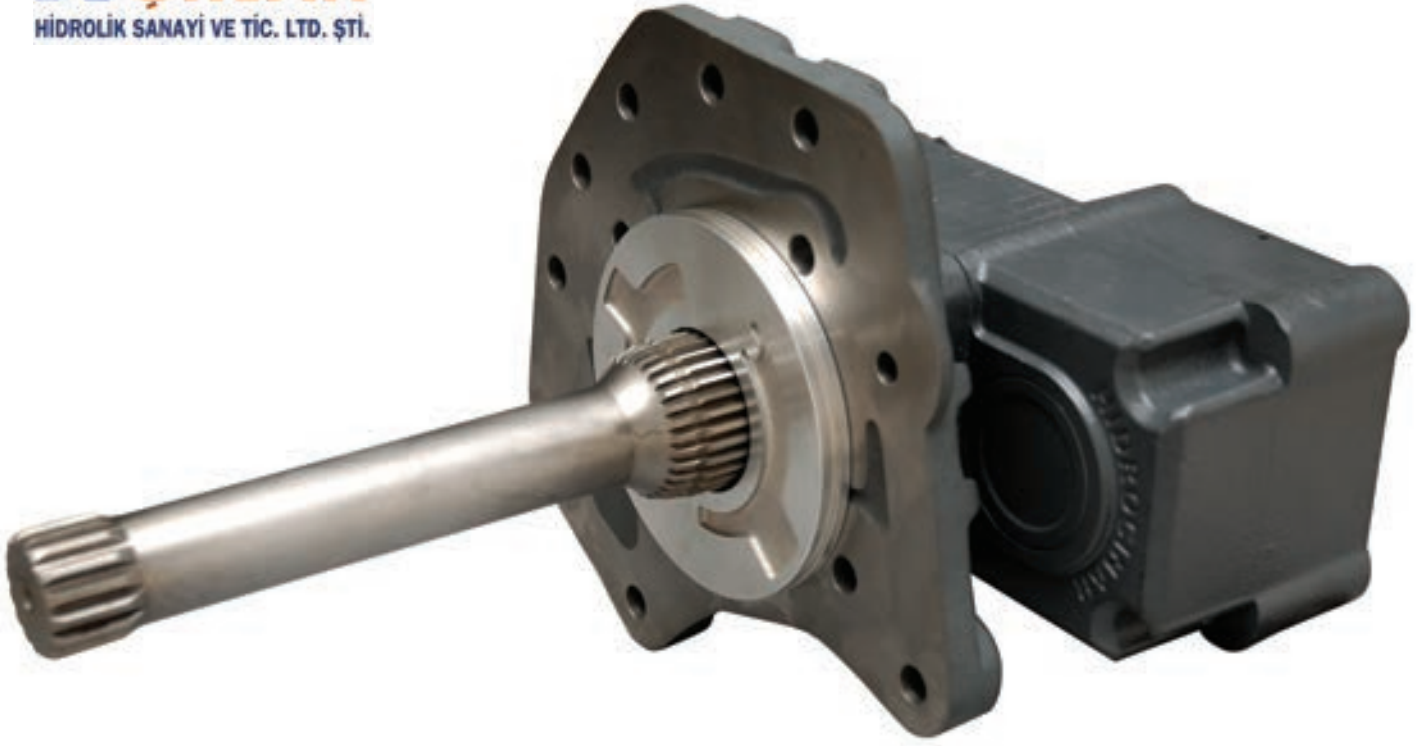
GENEL BİLGİLER / General Data

Pompa Kodu / Pump Codes	HÇ 2044
Ana Şanzuman / Gearbox	G 210-211-260.16 G131.9 G240.16
Dönüş Yönü / P.T.O Rotation	Sol / Left
Bağlantı / Mounting	Kuyruk / Rear
Kumanda / Control	Havali/Pneumatic

Kullanılan Araçlar

1628-1835-1840-1841-1843-1846-1858-2535-3028-
3228-3235-3326-4040-4141-4148-1831-1833-1834-
2040-2540-2543-2553-2640-3225-3235-3236-3340-
3344-4038-4140-4143AXOR

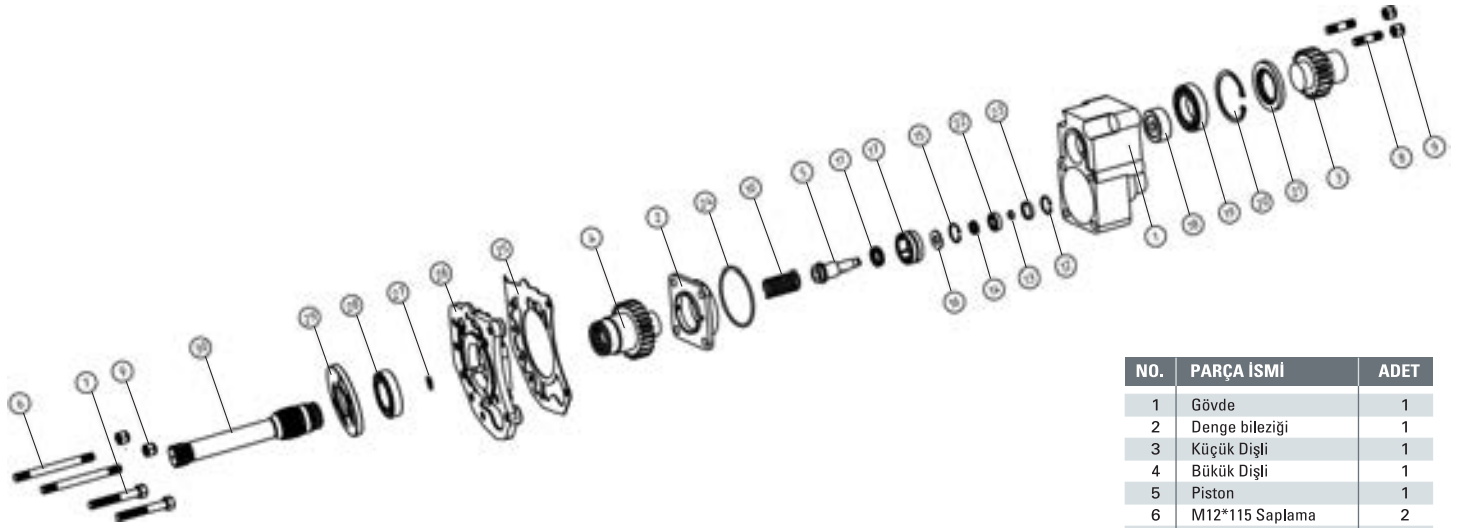
NO.	PARÇA İSMİ	ADET
1	Gövde	1
2	Piston Yatağı	1
3	Anahtar	1
4	Piston Kapak	1
5	Büyük Dişli	1
6	Küçük Dişli	1
7	Kavrama Dişlisi	1
8	Piston	1
9	Denge Bileziği	1
10	NK 30 20 Rulman	1
11	M12*123 Saplama	2
12	M12*50 Saplama	2
13	M12*90 Civata	2
14	M12 Somun	4
15	M6*20 imbus	7
16	Yay	1
17	Keçe	1
18	O.ring	1
19	Conta 01	2
20	Conta 02	1
21	Kapak	1
22	Conta 03	1
23	HK 16/16 Rulman	1
24	6009 Rulman	1
25	471/45 Sekman	1
26	Alüminyum Plate	1
27	Kardan Mili	1
Toplam Parça Sayısı		40



Kod
Code **HÇ 2056**

MERCEDES AXOR G 211 ÇİFT DİŞLİ HYK

Mercedes Axor G 211 Power Take Off



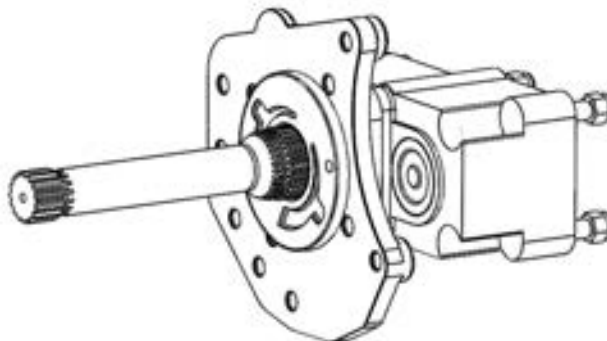
NO.	PARÇA İSMİ	ADET
1	Gövde	1
2	Denge bileziği	1
3	Küçük Dişli	1
4	Büyük Dişli	1
5	Piston	1
6	M12*115 Saplama	2
7	M12*110 Cıvata	2
8	M12*50 Saplama	2
9	M12 Somun	4
10	Yay	1
11	Keçe 1	1
12	472/28 Segman	1
13	471/12 Segman	1
14	Keçe 2	1
15	472/30 Segman	1
16	Pul	1
17	NK 40/20 Rulman	1
18	BK4520 Rulman	1
19	50*80*8 Keçe	1
20	6010 Rulman	1
21	472/80 Segman	1
22	6001 Rulman	1
23	Tapa	1
24	O.ring	1
25	Conta 03	1
26	Kapak	1
27	471/45 Segman	1
28	6009 Rulman	1
29	Alüminyum Plate	1
30	Kardan Mili	1
Toplam Parça Sayısı		30

GENEL BİLGİLER / General Data

Pompa Kodu / Pump Codes	HÇ 2056
Ana Şanzuman / Gearbox	G 210-211-260.16 G131.9 G240.16
Dönüş Yönü / P.T.O Rotation	Sağ / Right
Bağlantı / Mounting	Kuyruk / Rear
Kumanda / Control	Havali/Pneumatic

Kullanılan Araçlar

1628-1835-1840-1841-1843-1846-1858-2535-3028-
3228-3235-3326-4040-4141-4148-1831-1833-1834-
2040-2540-2543-2553-2640-3225-3235-3236-3340-
3344-4038-4140-4143AXOR

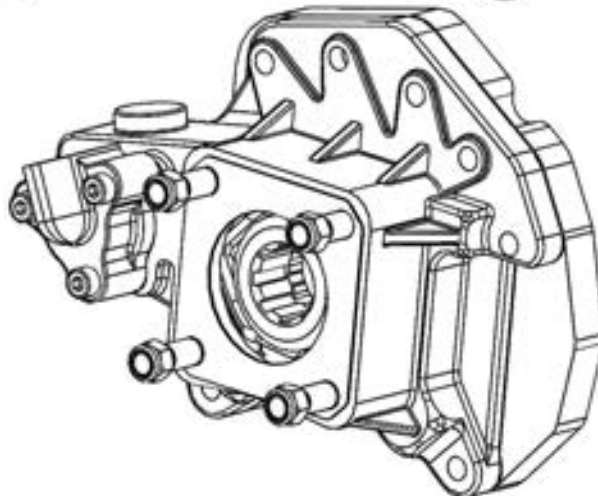
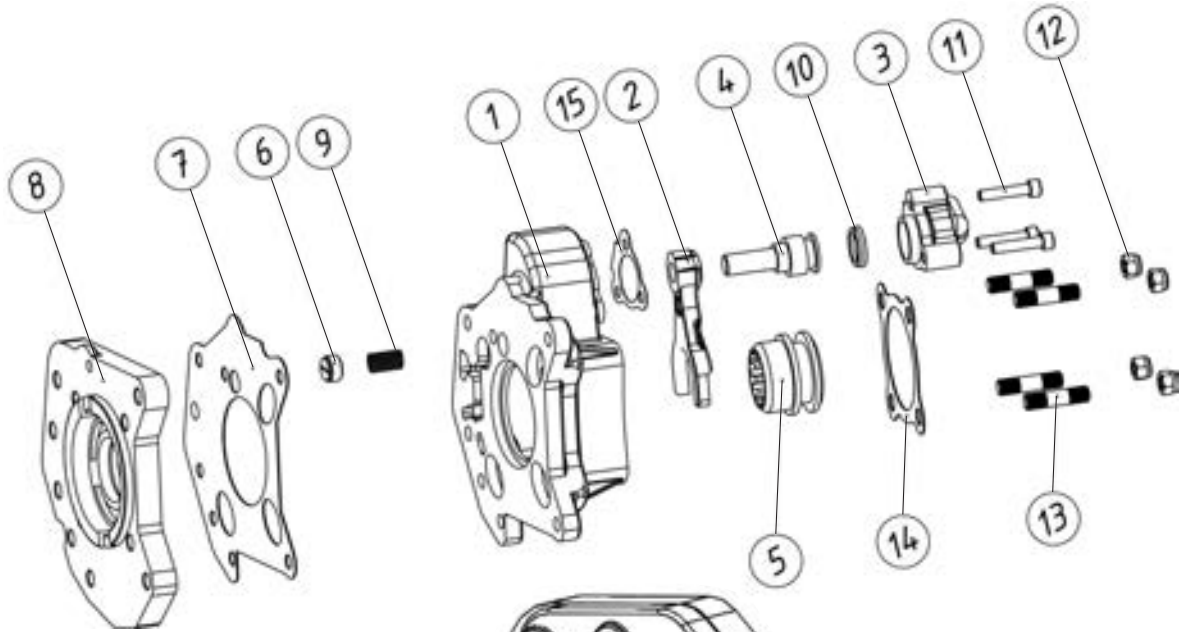




Kod
Code **HÇ 2022**

MERCEDES AXOR G100 TEK DİŞLİ PTO

Mercedes Axor G100 Power Take Off



GENEL BİLGİLER / General Data

Pompa Kodu / Pump Codes	HÇ 2022
Ana Şanzuman / Gearbox	G 100
Dönüş Yönü / P.T.O Rotation	Sağ / Right
Bağlantı / Mounting	Kuyruk / Rear
Kumanda / Control	Havali/Pneumatic

Kullanılan Araçlar

1528-1823-1828-1924-2523-2528-2623-2628-2832-3224-3228 AXOR
1223-1323-1523-1328-1828-2528-2628 ATEGO

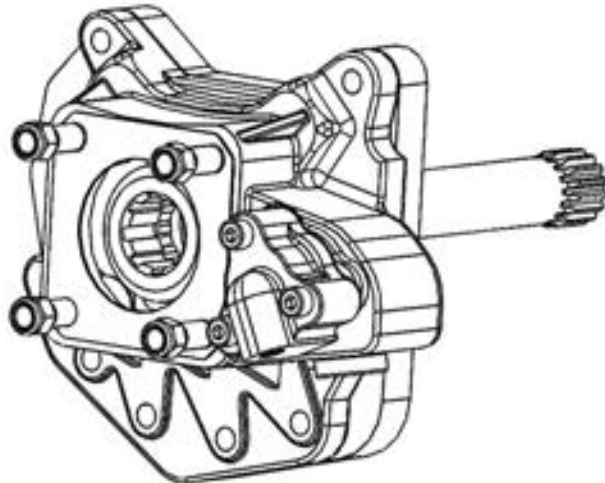
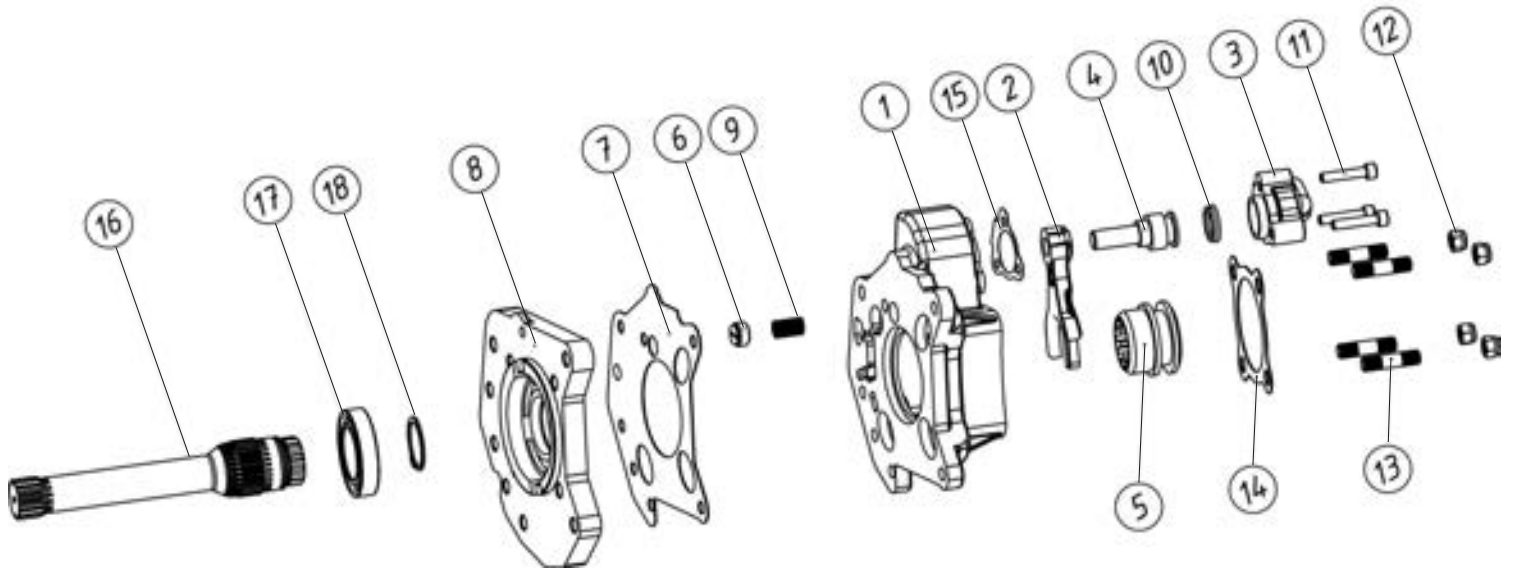
NO.	PARÇA İSMİ	ADET
1	Gövde	1
2	Anahtar	1
3	Piston Kapak	1
4	Piston	1
5	Kavrama Dişlisi	1
6	m20*1.5 kör tapa	1
7	conta 04	1
8	Alüminyum Pleyt	1
9	Yay	1
10	Keçe	1
11	m8*40 imbus	3
12	m12 somun	4
13	m12*50 saplama	4
14	conta 01	1
15	conta 03	1
Toplam Parça Sayısı		23



Kod
Code **HÇ 2023**

MERCEDES ACTROS G125 TEK DİŞLİ PTO

Mercedes Actros G125 Power Take Off



GENEL BİLGİLER / General Data

Pompa Kodu / Pump Codes	HÇ 2023
Ana Şanzuman / Gearbox	G 125-135-155-180
Dönüş Yönü / P.T.O Rotation	Sağ / Right
Bağlantı / Mounting	Kuyruk / Rear
Kumanda / Control	Havalı/Pneumatic

Kullanılan Araçlar

3229-3234-3534-3535-1831-1835-1840-1844-1848-1850-1857-1934-1938-1953-2044-2050-2544-2550-2650-2643-2644-3031-3234-3331-3348-4148-3335-3336-3340-3235-3340-2031-2040-2648-3548-3553-3557-3538 ACTROS MERCEDES-BENZ

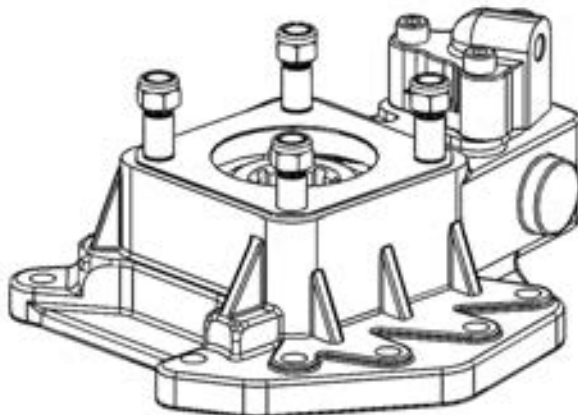
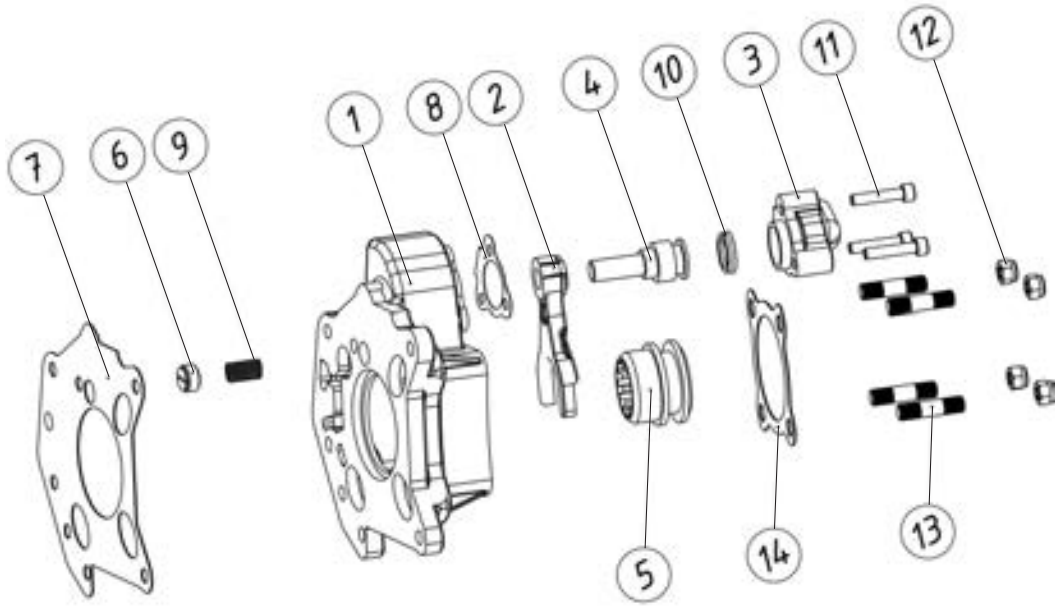
NO.	PARÇA İSMİ	ADET
1	Gövde	1
2	Anahtar	1
3	Piston Kapak	1
4	Piston	1
5	Kavrama Dişlisi	1
6	m20*1.5 kör tapa	1
7	conta 04	1
8	G125 plate	1
9	Yay	1
10	Keçe	1
11	m8*40 imbus	3
12	m12 somun	4
13	m12*50 saplama	4
14	conta 01	1
15	conta 03	1
16	Kardan Mili	1
17	6009 rulman	1
18	471/45 segman	1
Toplam Parça Sayısı		26



MERCEDES GV 4 TEK DİŞLİ PTO

Mercedes GV 4 Power Take Off

Kod **HÇ 2034**
Code



NO.	PARÇA İSMİ	ADET
1	Gövde	1
2	Anahtar	1
3	Piston Kapak	1
4	Piston	1
5	Kavrama Dişlisi	1
6	m20*1.5 kör tapa	1
7	conta 04	1
8	Conta 3	1
9	Yay	1
10	Keçe	1
11	m8*40 imbus	3
12	m12 somun	4
13	m12*50 saplama	4
14	conta 01	1
Toplam Parça Sayısı		22

GENEL BİLGİLER / General Data

Pompa Kodu / Pump Codes	HÇ 2034
Ana Şanzuman / Gearbox	G4 - GV 4/65-90
Dönüş Yönü / P.T.O Rotation	Sağ / Right
Bağlantı / Mounting	Kuyruk / Rear
Kumanda / Control	Havali/Pneumatic

Kullanılan Araçlar

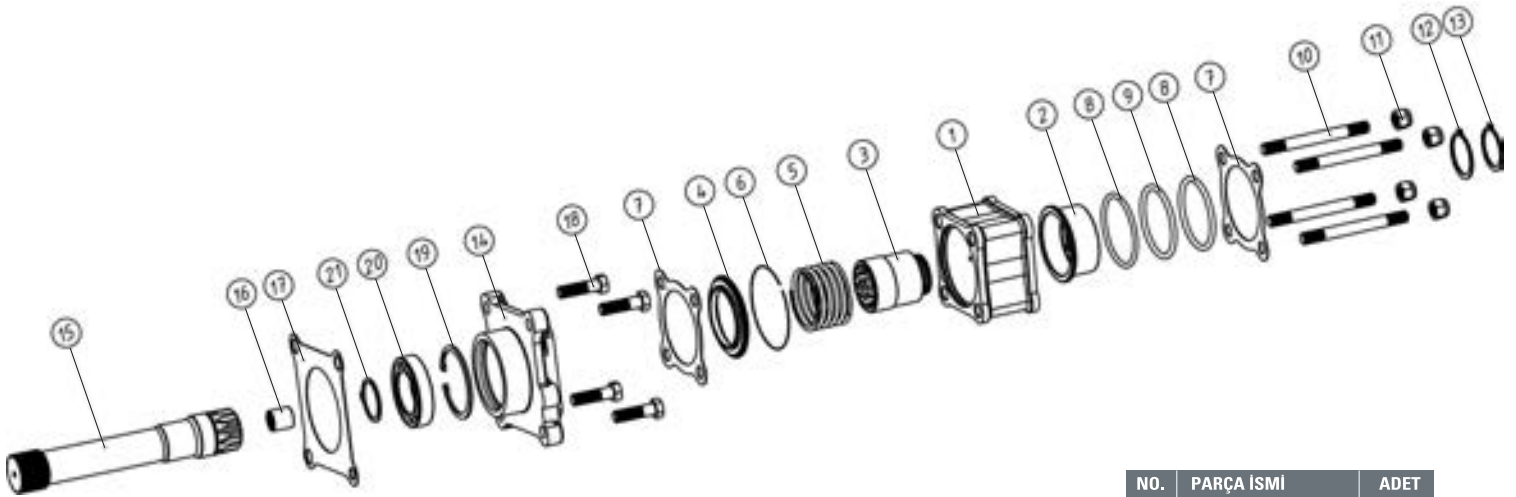
1222 - 1224 - 1417 - 1419 - 2517 - 2222 - 2466
2629 - 26351628 - 1820 - 1935 mercedes benz



Kod
Code **HÇ 2035**

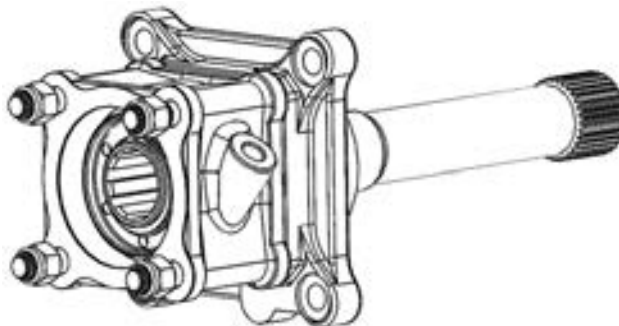
VOLVO SR 1400 TEK DİŞLİ PTO

Volvo SR 1400 Power Take Off



GENEL BİLGİLER / General Data	
Pompa Kodu / Pump Codes	HÇ 2035
Ana Şanzuman / Gearbox	SR/R 1000-1400-1700-1900-2000
Dönüş Yönü / P.T.O Rotation	Sağ / Right
Bağlantı / Mounting	Kuyruk / Rear
Kumanda / Control	Havali/Pneumatic

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



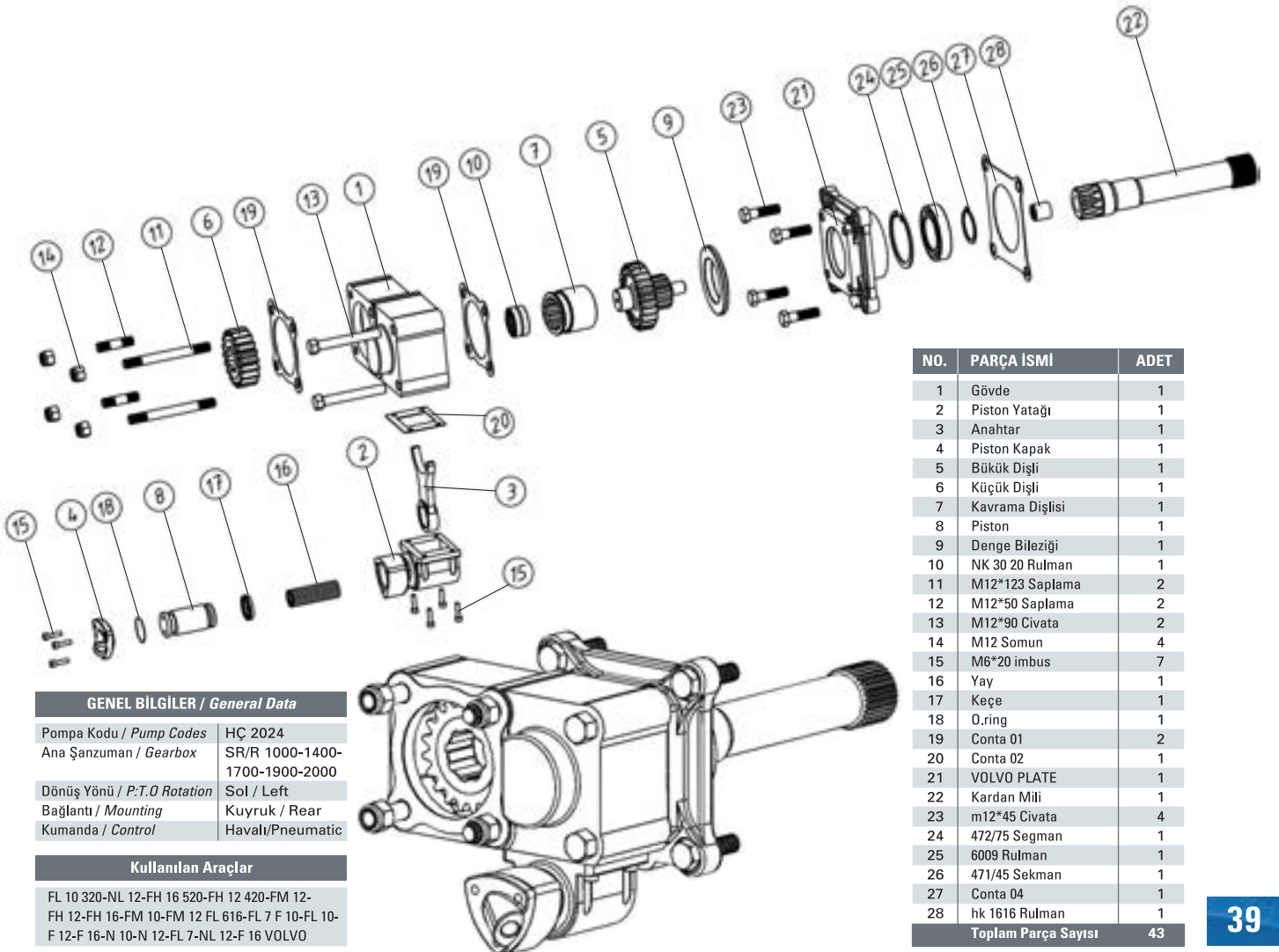
NO.	PARÇA İSMİ	ADET
1	Gövde	1
2	Piston	1
3	Kavrama Dişlisi	1
4	Merkezleme Pulu	1
5	Yay	1
6	Tel Segman	1
7	Conta 01	2
8	5.33*69,22 O.ring	2
9	4.00*70.00 O.ring	1
10	M12*123 Saplama	4
11	M12 Somun	4
12	471/42 Segman	1
13	471/47 Segman	1
14	Volvo Plakası	1
15	Kardan Mili	1
16	Hk 1616 Rulman	1
17	Conta 05	1
18	m12*45 Civata	4
19	472/75 Segman	1
20	6009 Rulman	1
21	472/45 Sekman	1
Toplam Parça Sayısı		31



VOLVO SR 1400 ÇİFT DİŞLİ PTO

Volvo SR 1400 Power Take Off

Kod **HÇ 2024**
Code



GENEL BİLGİLER / General Data

Pompa Kodu / Pump Codes	HÇ 2024
Ana Şanzuman / Gearbox	SR/R 1000-1400-1700-1900-2000
Dönüş Yönü / P.T.O Rotation	Sol / Left
Bağlantı / Mounting	Kuyruk / Rear
Kumanda / Control	Havali/Pneumatic

Kullanılan Araçlar

FL 10 320-NL 12-FH 16 520-FH 12 420-FM 12-FH 12-FH 16-FM 10-FM 12 FL 616-FL 7 F 10-FL 10-F 12-F 16-N 10-N 12-FL 7-NL 12-F 16 VOLVO
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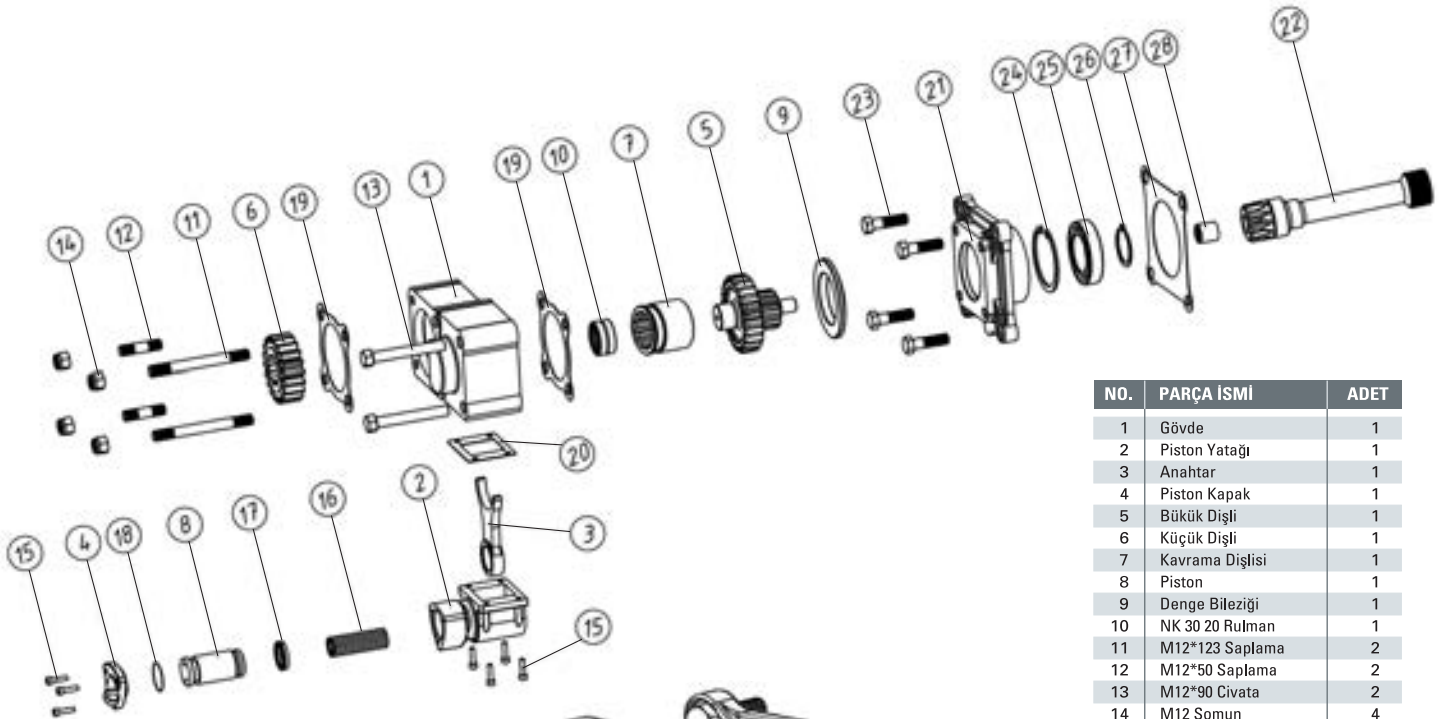
NO.	PARÇA İSMİ	ADET
1	Gövde	1
2	Piston Yatağı	1
3	Anahtar	1
4	Piston Kapak	1
5	Büyük Dişli	1
6	Küçük Dişli	1
7	Kavrama Dişlisi	1
8	Piston	1
9	Denge Bileziği	1
10	NK 30 20 Rulman	1
11	M12*123 Saplama	2
12	M12*50 Saplama	2
13	M12*90 Civata	2
14	M12 Somun	4
15	M6*20 imbus	7
16	Yay	1
17	Keçe	1
18	O-ring	1
19	Conta 01	2
20	Conta 02	1
21	VOLVO PLATE	1
22	Kardan Mili	1
23	m12*45 Civata	4
24	472/75 Segman	1
25	6009 Rulman	1
26	471/45 Sekman	1
27	Conta 04	1
28	hk 1616 Rulman	1
Toplam Parça Sayısı		43



Kod
Code **HÇ 2039**

VOLVO AT 2412 TEK DİŞLİ PTO

Volvo AT 2412 Power Take Off



GENEL BİLGİLER / General Data

Pompa Kodu / Pump Codes	HÇ 2039
Ana Şanzuman / Gearbox	AT 2412 - AT 2512 ATC 2612 I-SHIPT
Dönüş Yönü / P.T.O Rotation	Sol / Left
Bağlantı / Mounting	Kuyruk / Rear
Kumanda / Control	Havali/Pneumatic

Kullanılan Araçlar

VOLVO FH/FH12 FM/FM12/F 9/ FMX/
RENAULT KERAX 440 PREMIUM 430.19T

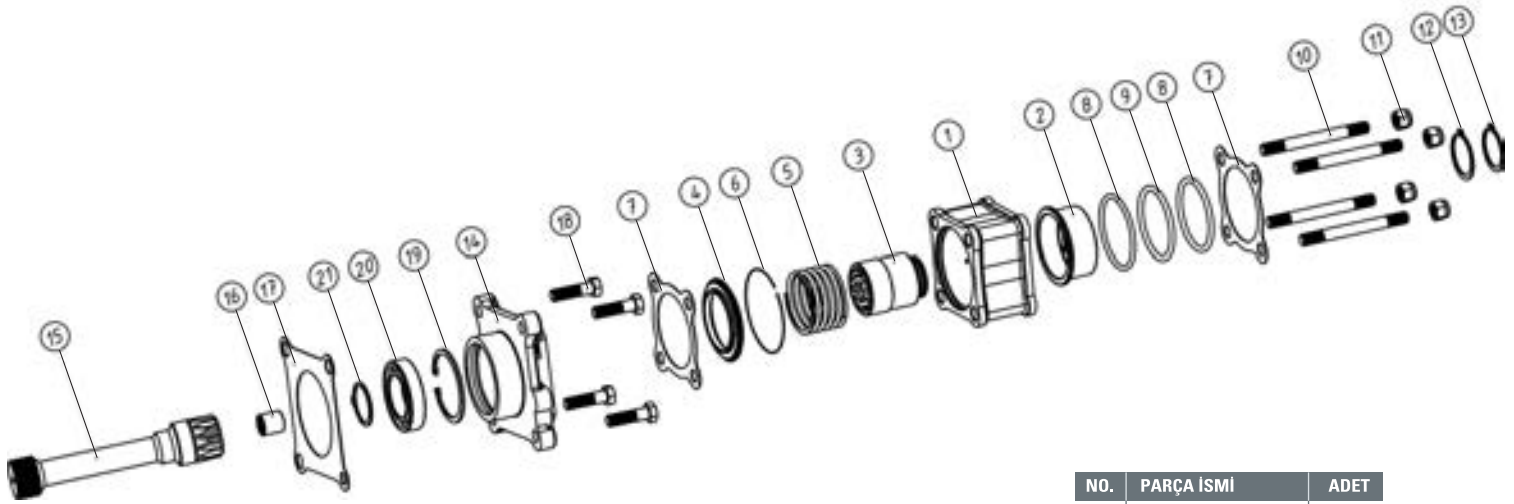
NO.	PARÇA İSMİ	ADET
1	Gövde	1
2	Piston Yatağı	1
3	Anahtar	1
4	Piston Kapak	1
5	Büyük Dişli	1
6	Küçük Dişli	1
7	Kavrama Dişlisi	1
8	Piston	1
9	Denge Bileziği	1
10	NK 30 20 Rulman	1
11	M12*123 Saplama	2
12	M12*50 Saplama	2
13	M12*90 Civata	2
14	M12 Somun	4
15	M6*20 imbus	7
16	Yay	1
17	Keçe	1
18	O-ring	1
19	Conta 01	2
20	Conta 02	1
21	VOLVO PLATE	1
22	Kardan Mili	1
23	m12*45 Civata	4
24	472/75 Segman	1
25	6009 Rulman	1
26	471/45 Sekman	1
27	Conta 04	1
28	hk 1616 Rulman	1
Toplam Parça Sayısı		43



VOLVO AT 2412 ÇİFT DİŞLİ PTO

Volvo AT 2412 Power Take Off

Kod **HÇ 2040**
Code



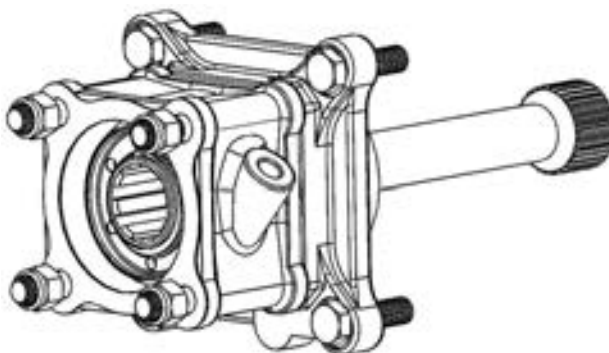
NO.	PARÇA İSMİ	ADET
1	Gövde	1
2	Piston	1
3	Kavrama Dişlisi	1
4	Merkezlleme Pulu	1
5	Yay	1
6	Tel Segman	1
7	Conta 01	2
8	5.33*69,22 O.ring	2
9	4.00*70.00 O.ring	1
10	M12*123 Saplama	4
11	M12 Somun	4
12	471/42 Segman	1
13	471/47 Segman	1
14	Volvo Plate	1
15	Kardan Mili	1
16	Hk 1616 Rulman	1
17	Conta 05	1
18	m12*45 Civata	4
19	472/75 Segman	1
20	6009 Rulman	1
21	472/45 Sekman	1
Toplam Parça Sayısı		31

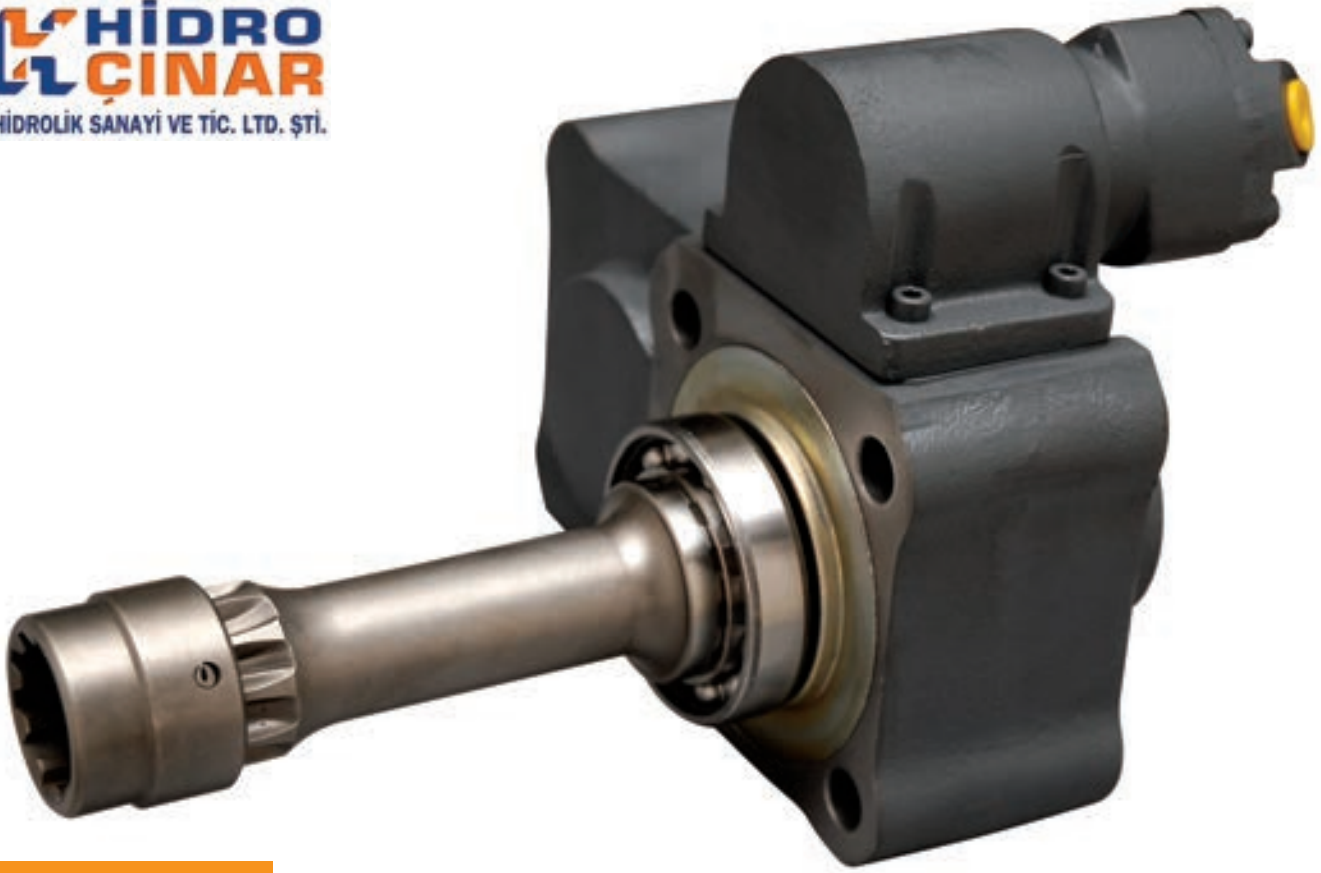
GENEL BİLGİLER / General Data

Pompa Kodu / Pump Codes	HÇ 2040
Ana Şanzuman / Gearbox	AT 2412 - AT 2512 ATC 2612 I-SHIFT
Dönüş Yönü / P.T.O Rotation	Sağ / Right
Bağlantı / Mounting	Kuyruk / Rear
Kumanda / Control	Havali/Pneumatic

Kullanılan Araçlar

VOLVO FH/FH12 FM/FM12/ F 9/ FMX/
RENAULT KERAX 440 PREMIUM 430.19T

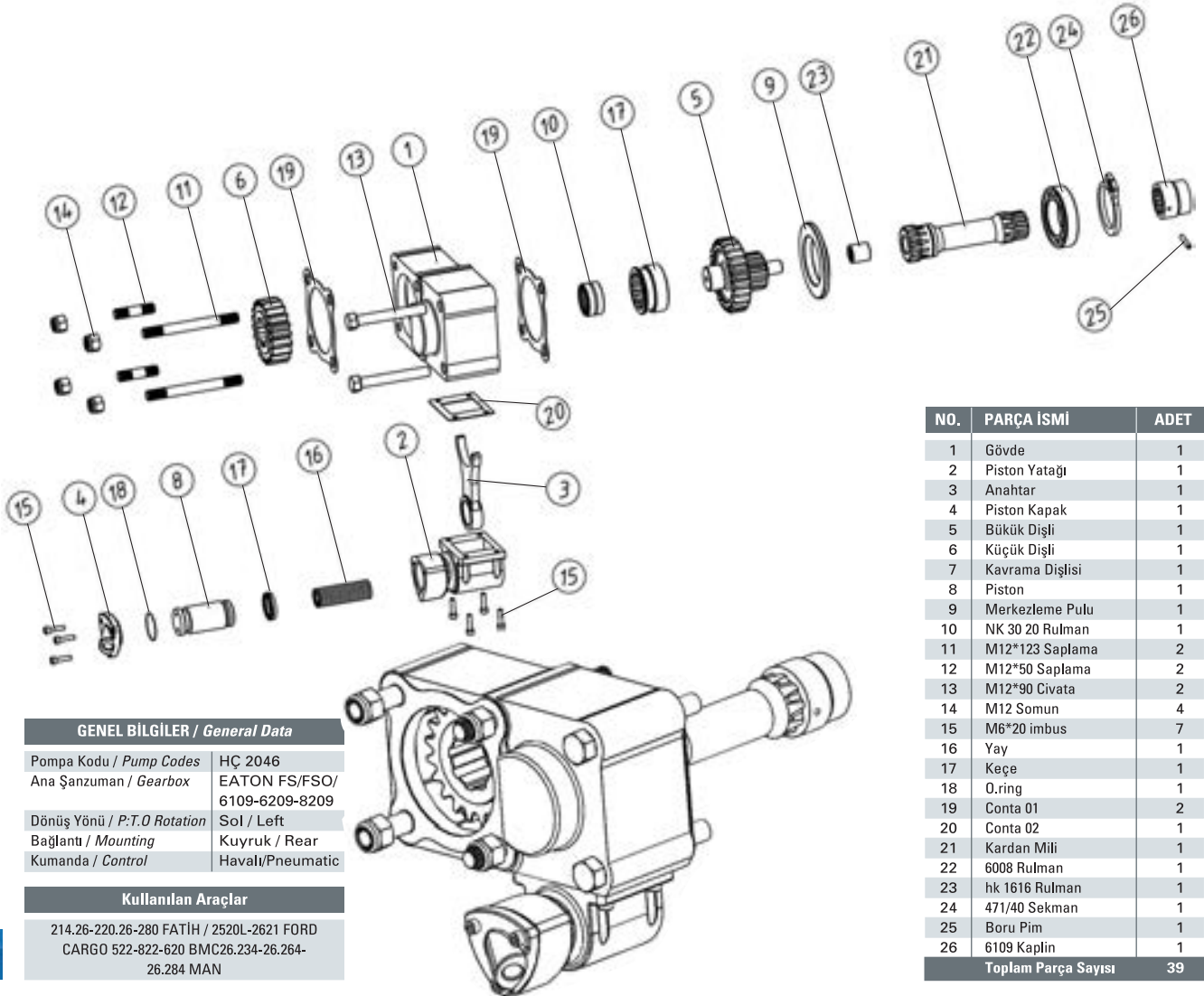




Kod
Code **HÇ 2046**

EATON 6109 ÇİFT DİŞLİ PTO

Eaton 6109 Power Take Off



GENEL BİLGİLER / General Data

Pompa Kodu / Pump Codes	HÇ 2046
Ana Şanzuman / Gearbox	EATON FS/FSO/ 6109-6209-8209
Dönüş Yönü / P.T.O Rotation	Sol / Left
Bağlantı / Mounting	Kuyruk / Rear
Kumanda / Control	Havali/Pneumatic

Kullanılan Araçlar

214.26-220.26-280 FATİH / 2520L-2621 FORD
CARGO 522-822-620 BMC26.234-26.264-
26.284 MAN

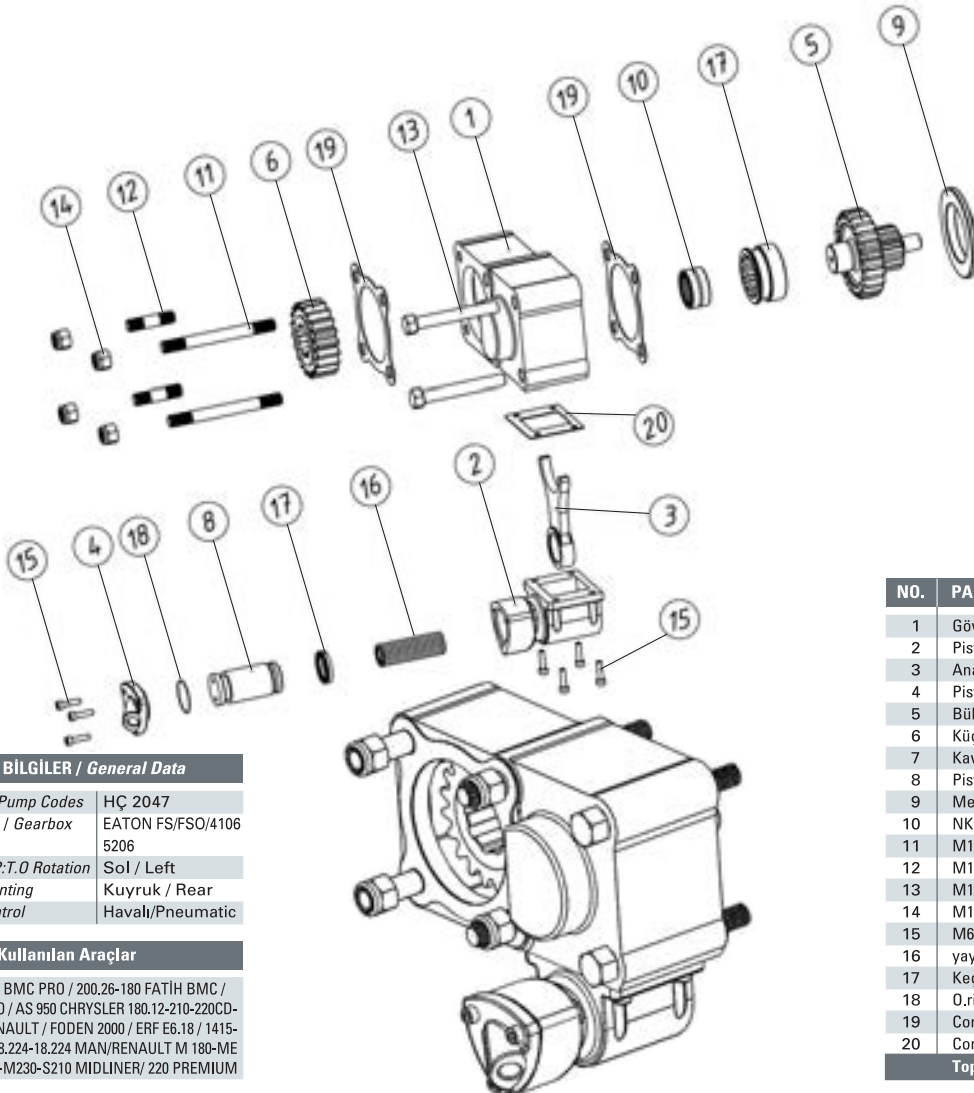
NO.	PARÇA İSMİ	ADET
1	Gövde	1
2	Piston Yatağı	1
3	Anahtar	1
4	Piston Kapak	1
5	Büyük Dişli	1
6	Küçük Dişli	1
7	Kavrama Dişlisi	1
8	Piston	1
9	Merkezleme Pulu	1
10	NK 30 20 Rulman	1
11	M12*123 Saplama	2
12	M12*50 Saplama	2
13	M12*90 Civata	2
14	M12 Somun	4
15	M6*20 imbus	7
16	Yay	1
17	Keçe	1
18	O-ring	1
19	Conta 01	2
20	Conta 02	1
21	Kardan Mili	1
22	6008 Rulman	1
23	hk 1616 Rulman	1
24	471/40 Sekman	1
25	Boru Pim	1
26	6109 Kaplin	1
Toplam Parça Sayısı		39



EATON 4106 ÇİFT DİŞLİ PTO

Eaton 4106 Power Take Off

Kod **HÇ 2047**
Code



GENEL BİLGİLER / General Data

Pompa Kodu / Pump Codes	HÇ 2047
Ana Şanzuman / Gearbox	EATON FS/FSO/4106 5206
Dönüş Yönü / P.T.O Rotation	Sol / Left
Bağlantı / Mounting	Kuyruk / Rear
Kumanda / Control	Havali/Pneumatic

Kullanılan Araçlar

180-617-620-622- BMC PRO / 200.26-180 FATİH BMC / 2520 FORT CARGO / AS 950 CHRYSLER 180.12-210-220CD-320 MIDLUM RENAULT / FODEN 2000 / ERF E6.18 / 1415-1718 FORT 8.163-8.224-18.224 MAN/RENAULT M 180-ME 210-M 150-M210-M230-S210 MIDLINER/ 220 PREMIUM
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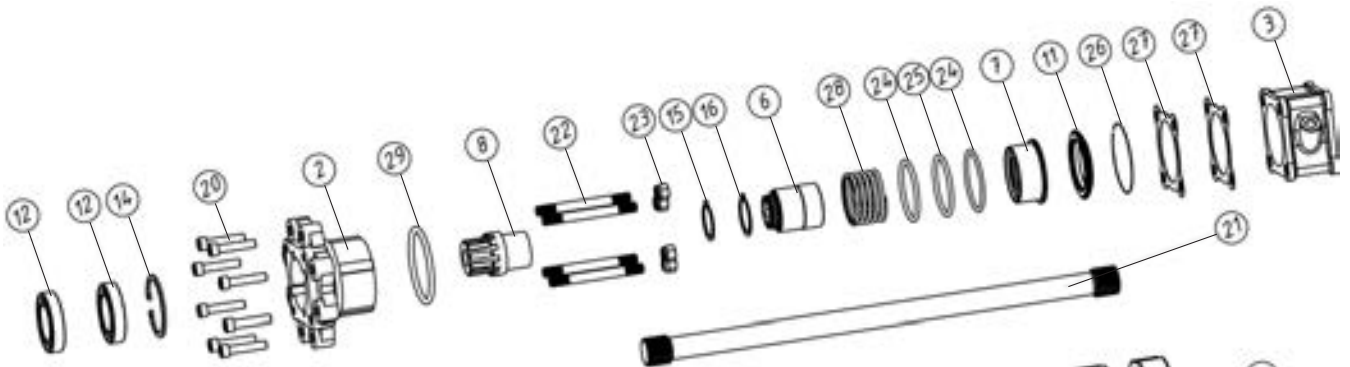
NO.	PARÇA İSMİ	ADET
1	Gövde	1
2	Piston Yatağı	1
3	Anahtar	1
4	Piston Kapak	1
5	Büyük Dişli	1
6	Küçük Dişli	1
7	Kavrama Dişlisi	1
8	Piston	1
9	Merkezleme Pulu	1
10	NK 30 20 Rulman	1
11	M12*123 Saplama	2
12	M12*50 Saplama	2
13	M12*90 Civata	2
14	M12 Somun	4
15	M6*20 imbus	7
16	yay	1
17	Keçe	1
18	O.ring	1
19	Conta 01	2
20	Conta 02	1
Toplam Parça Sayısı		33



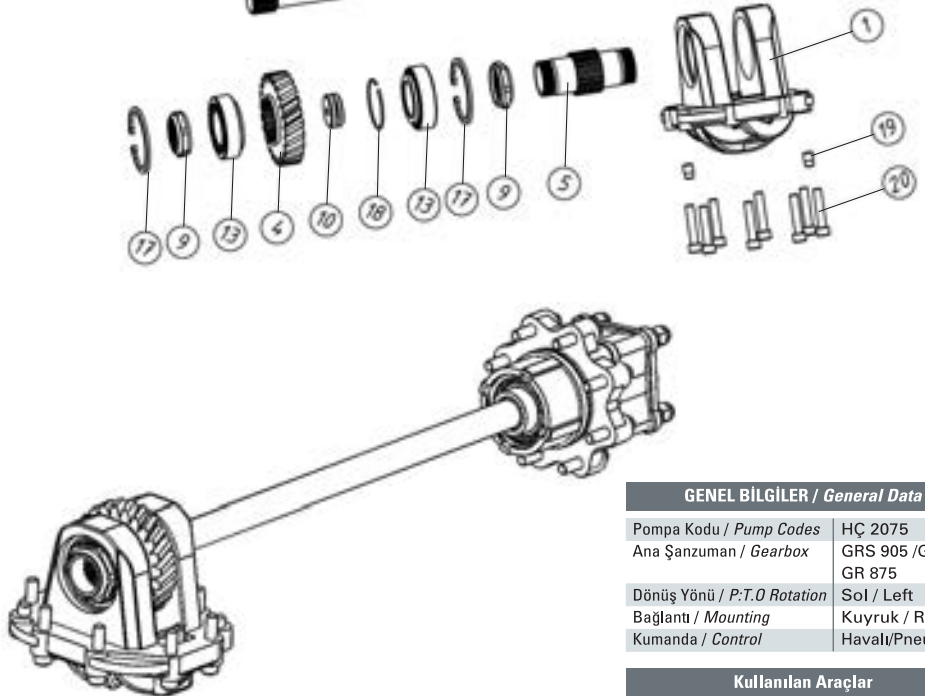
Kod
Code **HÇ 2075**

SCA GRS 905 TEK DİŞLİ PTO

SCA GRS 905 Power Take Off



NO.	PARÇA İSMİ	ADET
1	Gövde	1
2	Kuyruk Gövde	1
3	Zf-1 Gövde	1
4	Yan Dişli	1
5	Yan Kapak Merkezleme Dişlisi	1
6	Kavrama Dişlisi	1
7	Piston	1
8	Kuyruk Gövde Dişlisi	1
9	Somun	2
10	Mil Dayama	1
11	Zf-1 Merkezleme	1
12	6009 Rulman	2
13	33109 Rulman	2
14	Segman 472/75	1
15	Segman 472/42	1
16	Segman 472/47	1
17	Segman 472/80	2
18	Tel Segman 2	1
19	Denge Pim	2
20	M10*50 Imbus	16
21	905 Kardan Mili	1
22	M12*123 Saplam	4
23	M12 Somun	4
24	5.33*69.22 O.ring	2
25	4*70 O.ring	1
26	Tel Segman 1	1
27	zf1 Conta	2
28	Yay	1
29	O.ring	1
Toplam Parça Sayısı		57



GENEL BİLGİLER / General Data

Pompa Kodu / Pump Codes	HÇ 2075
Ana Şanzuman / Gearbox	GRS 905 /GR 905/ GR 875
Dönüş Yönü / P.T.O Rotation	Sol / Left
Bağlantı / Mounting	Kuyruk / Rear
Kumanda / Control	Havali/Pneumatic

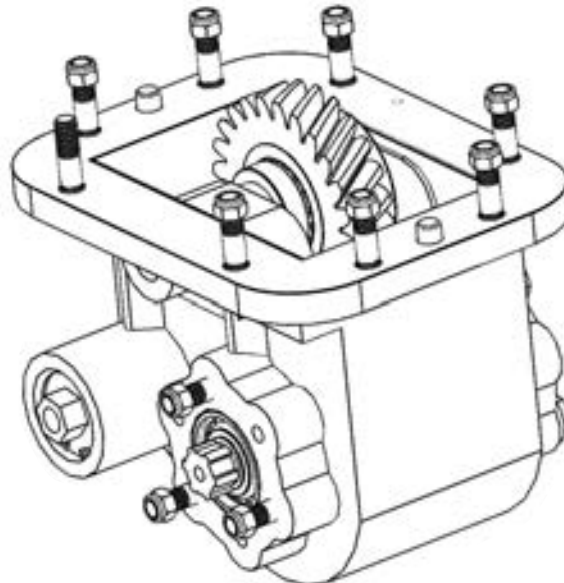
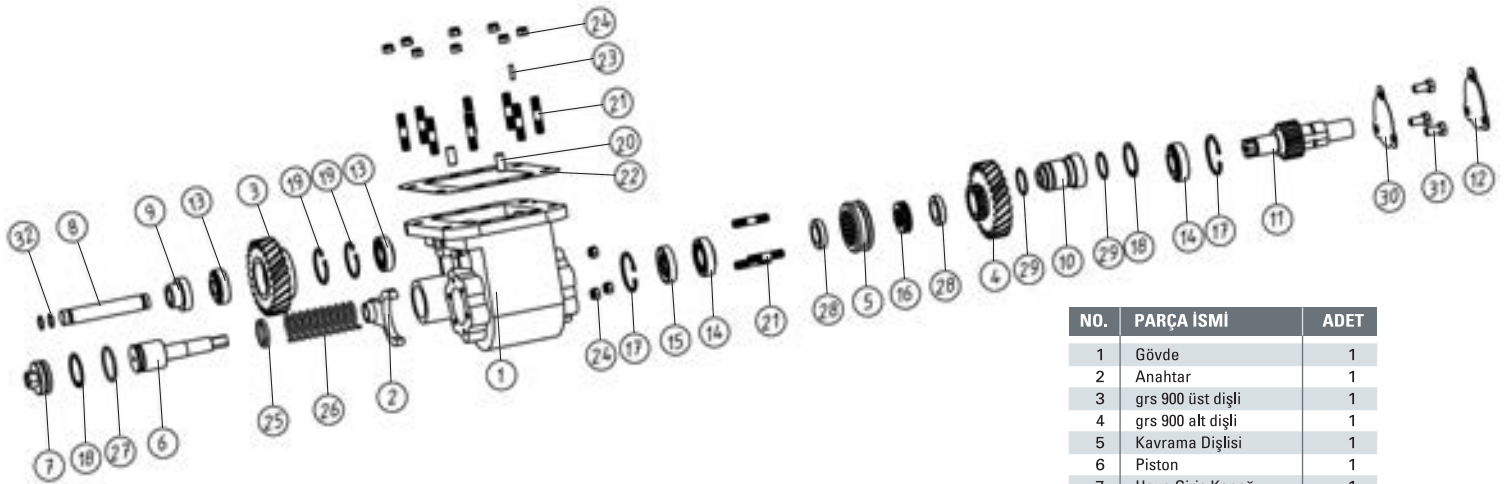
Kullanılan Araçlar

SCANIA G 420 / R 420 / HG 380 / HG 420



Kod
Code **HÇ 2071**

SCA GRS 900 YANDAN PTO SCA GRS 900 Power Take Off



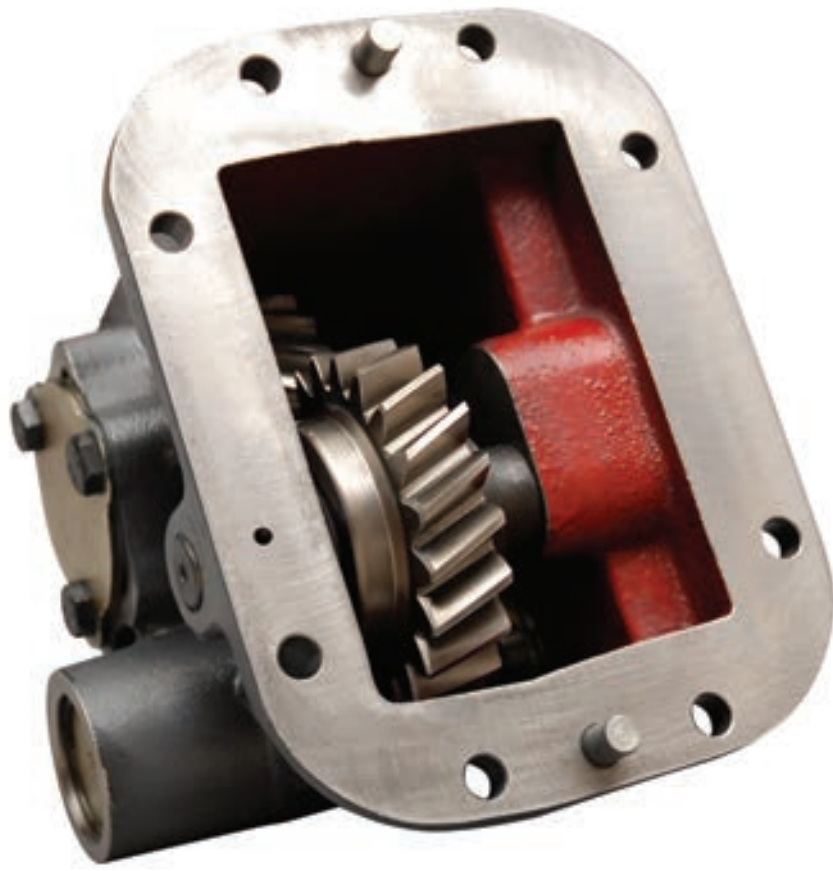
GENEL BİLGİLER / General Data

Pompa Kodu / Pump Codes	HÇ 2071
Ana Şanzuman / Gearbox	GRS 900 /GRS 890/ GR920
Dönüş Yönü / P.T.O Rotation	Sağ / Right
Bağlantı / Mounting	Yan / Right
Kumanda / Control	Havalı/Pneumatic

Kullanılan Araçlar

SCANIA 124G420-113-124 L 400-144L 530-124
LA 420-144 LA 450 -- 144 LA 530 -- R124 GA 420

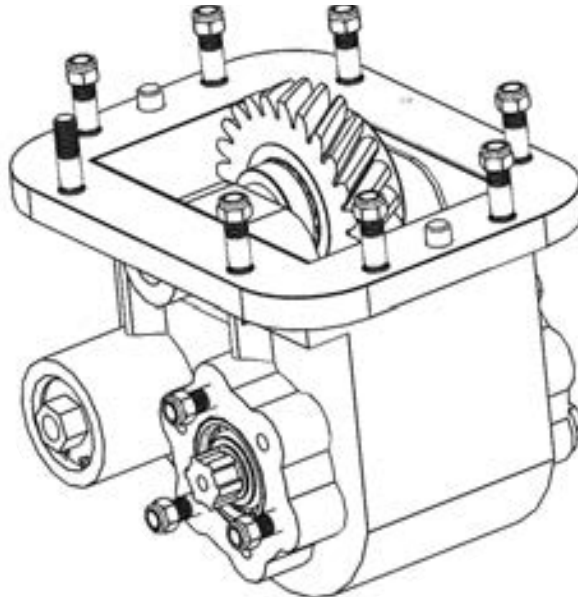
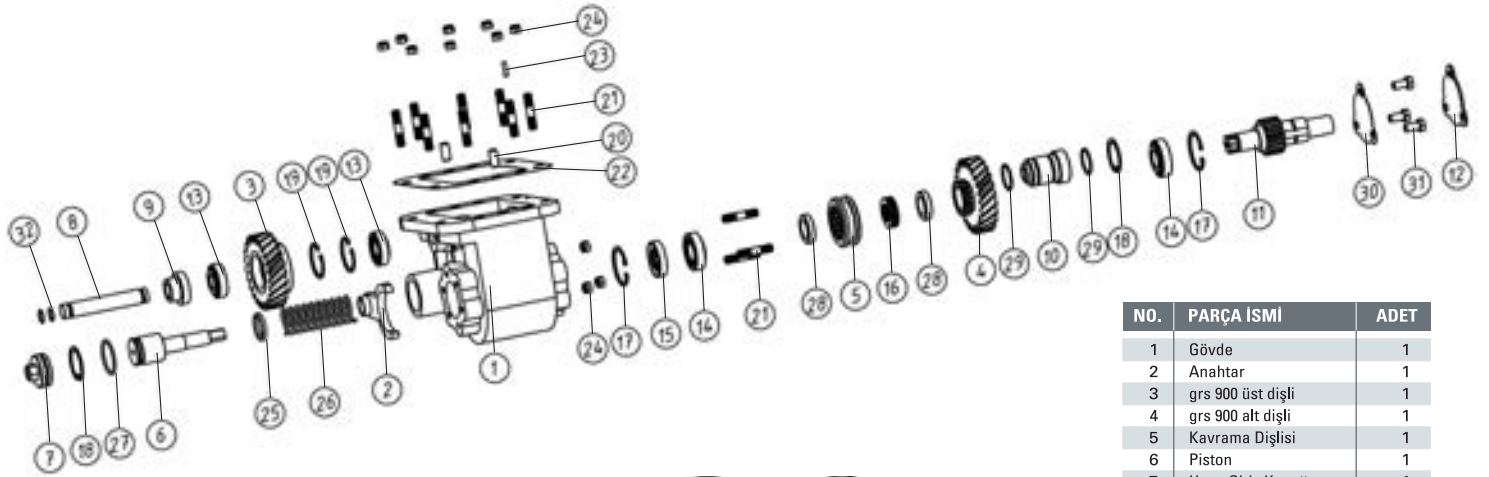
NO.	PARÇA İSMİ	ADET
1	Gövde	1
2	Anahtar	1
3	grs 900 üst dişli	1
4	grs 900 alt dişli	1
5	Kavrama Dişlisi	1
6	Piston	1
7	Hava Giriş Kapağı	1
8	Üst Mil	1
9	Üst Mil Pulu	1
10	Piston Yatağı	1
11	Alt Mil 6*18	1
12	Kapak	1
13	30204 Rulman	2
14	30205 Rulman	2
15	25/52*10 Keçe	1
16	51105 Rulman	1
17	Segman 472/52	2
18	Segman 472/45	2
19	Segman 472/47	2
20	Denge Pimi	2
21	M10*45 Saplama	11
22	Conta 6	1
23	M6 Setsukur	1
24	M10 Somun	11
25	30*38*4.5 Keçe	1
26	Yay	1
27	3*38 O.ring	1
28	Pul 2	2
29	3*31 O.ring	2
30	Conta 2	1
31	M10*20 Civata	3
32	3*15 O.ring	2
Toplam Parça Sayısı		63



Kod
Code **HÇ 2074**

SCA GR 900 YANDAN PTO

SCA GR 900 Power Take Off



GENEL BİLGİLER / General Data

Pompa Kodu / Pump Codes	HÇ 2074
Ana Şanzuman / Gearbox	GR 900 GRH 880
Dönüş Yönü / P.T.O Rotation	Sağ / Right
Bağlantı / Mounting	Yan / Right
Kumanda / Control	Havalı/Pneumatic

Kullanılan Araçlar

SCANIA 94 C 310- 124 C 360- 124 GB 360- 124G360- 143 H 450CV- 143 M 400CV-260H-113H 360
--

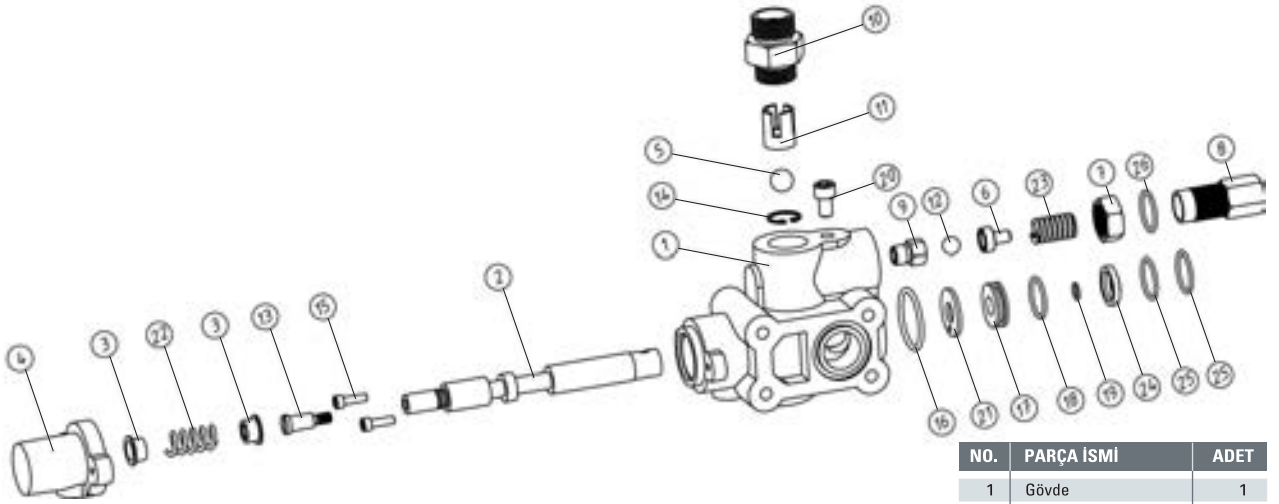
NO.	PARÇA ISMI	ADET
1	Gövde	1
2	Anahtar	1
3	grs 900 üst dişli	1
4	grs 900 alt dişli	1
5	Kavrama Dişlisi	1
6	Piston	1
7	Hava Giriş Kapağı	1
8	Üst Mil	1
9	Üst Mil Pulu	1
10	Piston Yatağı	1
11	Alt Mil 6*18	1
12	Kapak	1
13	30204 Rulman	2
14	30205 Rulman	2
15	25/52*10 Keçe	1
16	51105 Rulman	1
17	Segman 472/52	2
18	Segman 472/45	2
19	Segman 472/47	2
20	Denge Pimi	2
21	M10*45 Saplama	11
22	Conta 6	1
23	M6 Setsukur	1
24	M10 Somun	11
25	30*38*4.5 Keçe	1
26	Yay	1
27	3*38 O.ring	1
28	Pul 2	2
29	3*31 O.ring	2
30	Conta 2	1
31	M10*20 Civata	3
32	3*15 O.ring	2
Toplam Parça Sayısı		63



YÖN DENETİM VALFİ AÇIK DEVRE 1"

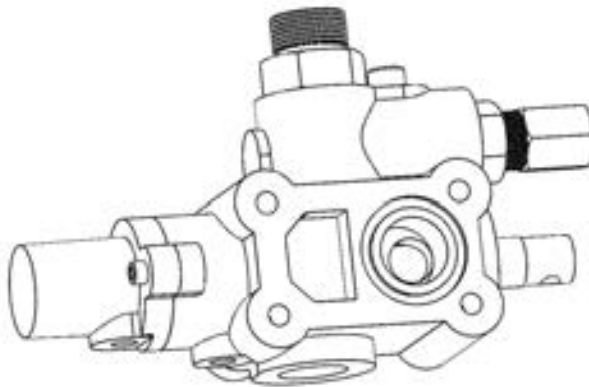
Directional (Open Loop) Valve 1"

Kod
Code **HÇ 2055**



NO.	PARÇA İSMİ	ADET
1	Gövde	1
2	Mil	1
3	Yay Segmanı	2
4	Ön Kapak	1
5	Tane Bilya 1	1
6	Bilya Merkezleme	1
7	Bar Sabitleme Somunu	1
8	Bar Ayar	1
9	Tahliye Cıvatası	1
10	Giriş Rekoru 1"	1
11	Bilya Yuvası	1
12	Tane Bilya 2	1
13	Yay Vidası	1
14	Segman 472/25	1
15	M6*20 imbus	2
16	2*42 O.ring	1
17	Piston	1
18	O.ring 3,35*28,17	1
19	O.ring 2,5*11	1
20	M12*20 İmbus	1
21	Pul	1
22	Yay	1
23	Bar Yay	1
24	Kege	1
25	3*22 O.ring	2
26	3*25 O.ring	1
Toplam Parça Sayısı		29

GENEL BİLGİLER / General Data	
Ventil Kodu / Valve Code	HÇ 2055
Debi Hızı / Flow Rate	110 lt/dk
Max. Basınç / Max. Press	190 Bar
Çal. Basınç / Working Press	170 Bar
Max. Pnömatik Basınç	12 Bar
Max. Pneumatics Press	
Akışkan / Fluid	Mineral Bazlı Hidrolik Yağ Mineral Based Hydraulic Oil





HÇ 2003
1"



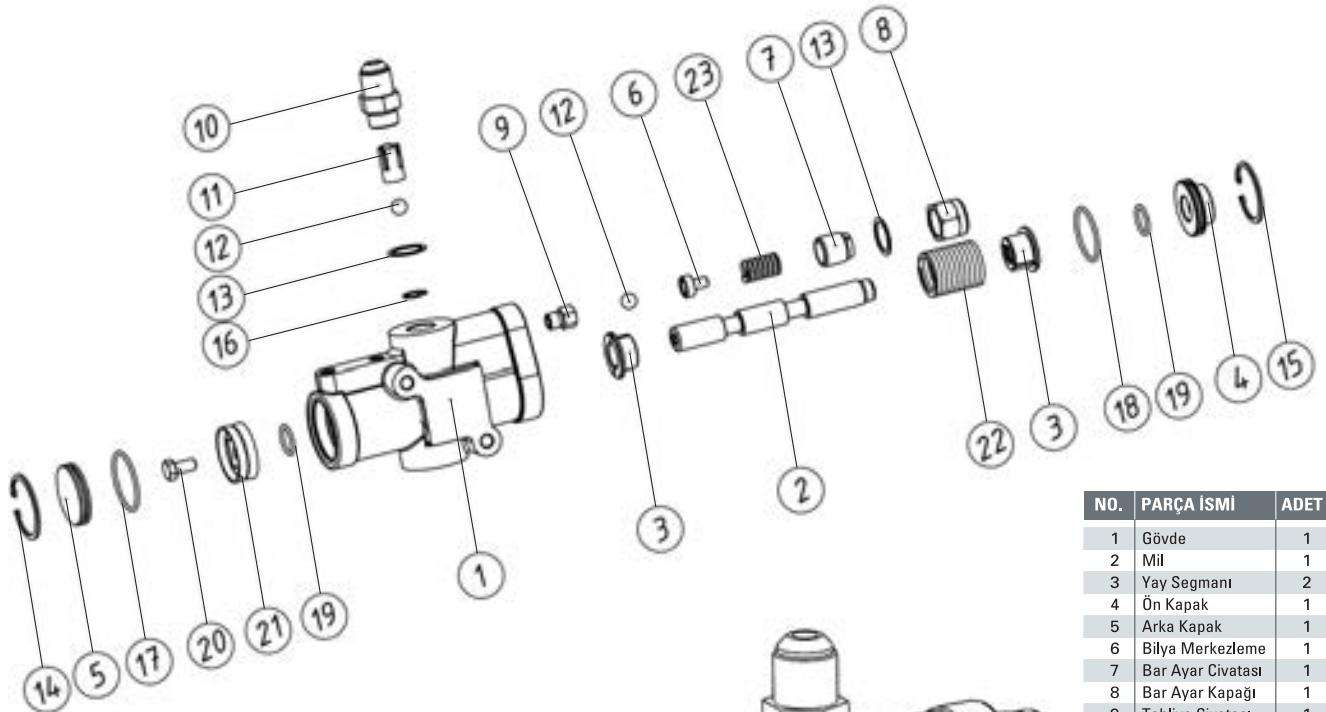
HÇ 2006
3/4"



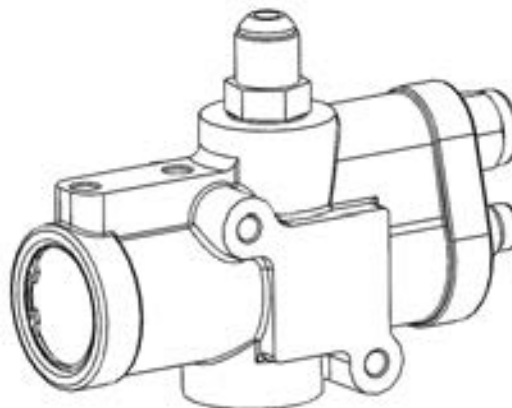
HÇ 2037
1"

Kod
Code **HÇ 2006 - HÇ 2003**

YÖN DENETİM VALFİ Directional Valve



GENEL BİLGİLER / General Data		
Ventil Kodu / Valve Code	3/4" Rekorlu / 3/4" Fitting	1" Rekorlu / 1" Fitting
	HÇ 2006	HÇ 2003
Debi Hızı / Flow Rate	110 lt/dk	140 lt/dk
Max. Basınç / Max. Press	190 Bar	190 Bar
Çal. Basınç / Working Press	170 Bar	170 Bar
Max. Pnömatik Basınç	12 Bar	12 Bar
Max. Pneumatics Press		
Akışkan / Fluid	Mineral Bazlı Hidrolik Yağ Mineral Based Hydraulic Oil	

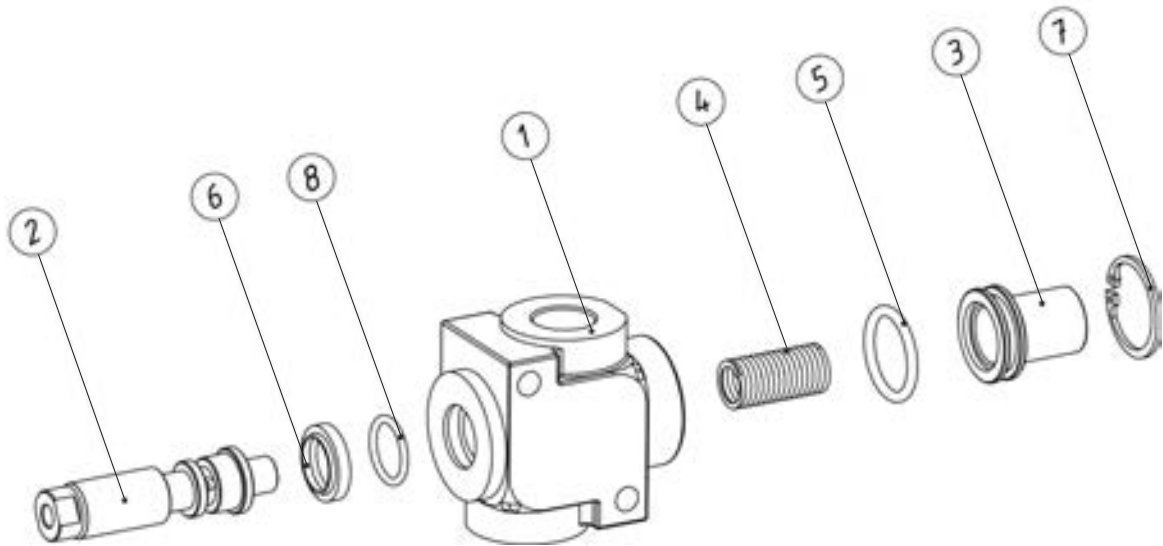


NO.	PARÇA İSMİ	ADET
1	Gövde	1
2	Mil	1
3	Yay Segmanı	2
4	Ön Kapak	1
5	Arka Kapak	1
6	Bilya Merkezleme	1
7	Bar Ayar Cıvatası	1
8	Bar Ayar Kapağı	1
9	Tahliye Cıvatası	1
10	Giriş Rekoru	1
11	Bilya Yuvası	1
12	Tane Bilya	2
13	Pul	2
14	Segman 472/55	1
15	Segman 472/50	1
16	Segman 472/20	1
17	O.ring 49*3	1
18	O.ring 44*3	1
19	O.ring 22*3	2
20	M10*20 Cıvata	1
21	Pnömatik Keçe	1
22	Mil Yayı	1
23	Bar Yayı	1
Toplam Parça Sayısı		27

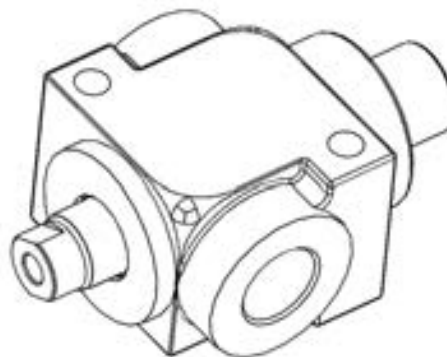


SINIR KONTROL FALFİ Limit Control Valve

Kod
Code **HÇ 2007 - HÇ 2026**



GENEL BİLGİLER / General Data		
Ventil Kodu / Valve Code	3/4" Rekorlu / 3/4" Fitting	1" Rekorlu / 1" Fitting
	HÇ 2007	HÇ 2026
Debi Hızı / Flow Rate	110 lt/dk	140 lt/dk
Max. Basıncı / Max. Press	190 Bar	190 Bar
Çal. Basıncı / Working Press	170 Bar	170 Bar
Akışkan / Fluid	Mineral Bazlı Hidrolik Yağ Mineral Based Hydraulic Oil	



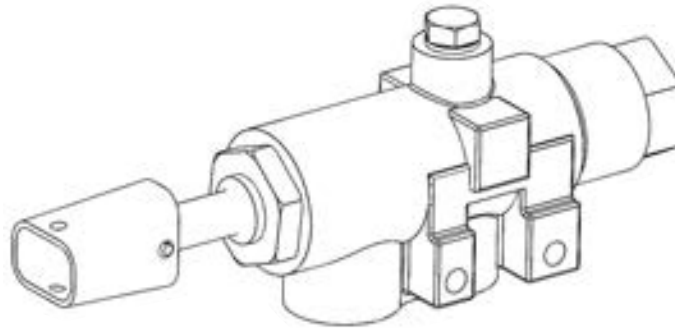
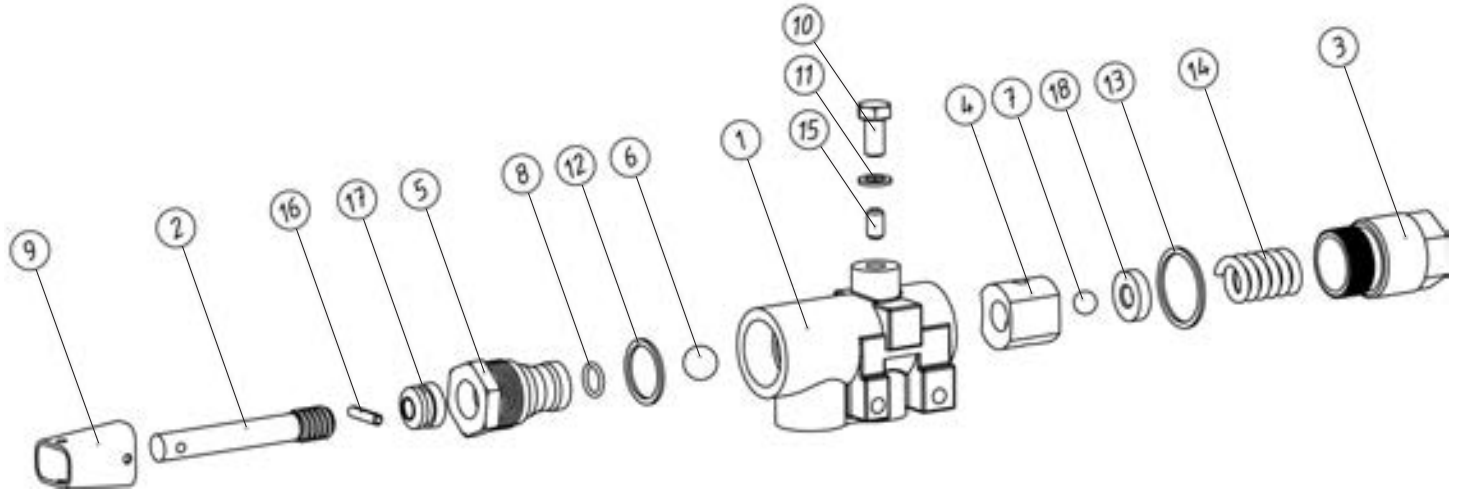
NO.	PARÇA İSMİ	ADET
1	Gövde	1
2	Mil	1
3	Kapak	2
4	Yay	1
5	O-ring 30*4	1
6	Keçe 22*30 7/5	1
7	Segman 472/37	1
8	O-ring 22*3	1
Toplam Parça Sayısı		9



Kod
Code **HÇ 2008**

DAMPER İNDİRME VALFİ

Mechanical Valve



GENEL BİLGİLER / General Data

Ventil Kodu / Valve Code	HÇ 2008
Debi Hızı / Flow Rate	150 lt/dk
Max. Basınç / Max. Press	170 Bar
Çal. Basınç / Working Press	160 Bar
Akışkan / Fluid	Mineral Bazlı Hidrolik Yağ Mineral Based Hydraulic Oil

NO.	PARÇA İSMİ	ADET
1	Gövde	1
2	Mil	1
3	Arka Kapak	1
4	Ayrıcı Merkezi	1
5	Mil Yatağı	1
6	Tane Bilya 1	1
7	Tane Bilya 2	1
8	O-ring	1
9	Ayar Kolu	1
10	M10*20 Civata	1
11	Pul 1	1
12	Pul 2	1
13	Pul 3	1
14	Yay	1
15	Pim 1	1
16	Pim 2	1
17	Keçe	1
18	Bilya Yatağı	1
Toplam Parça Sayısı		18



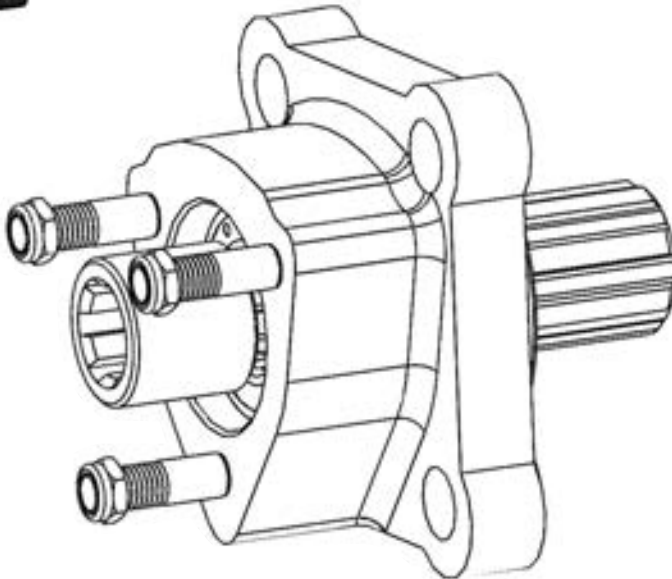
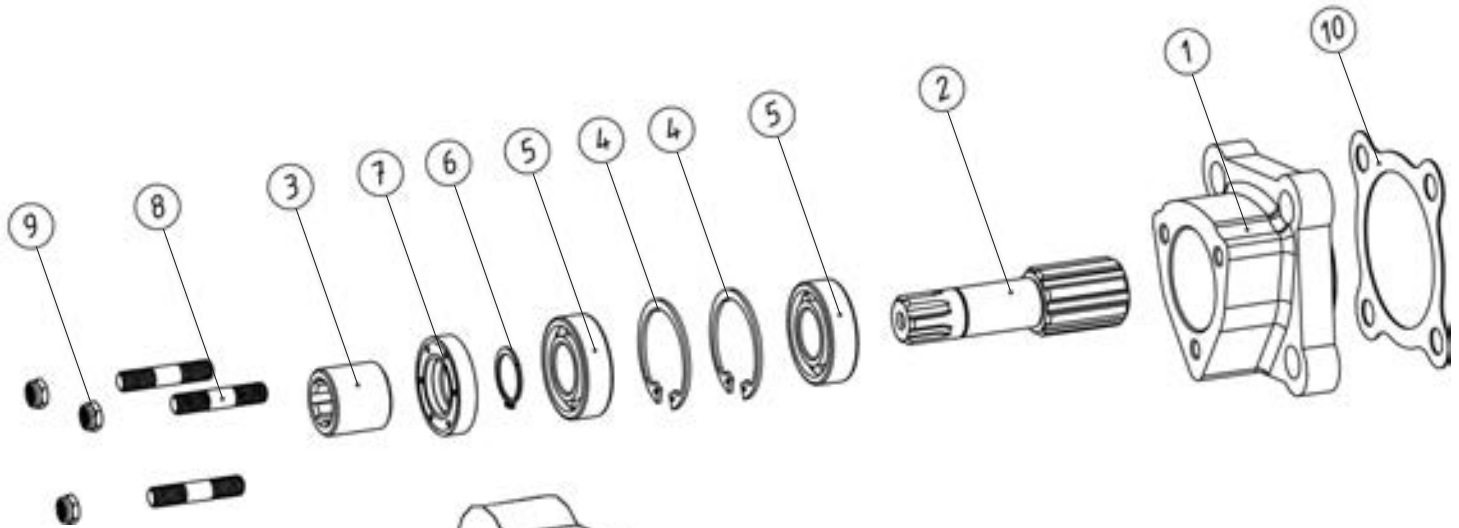
HÇ 2017



HÇ 2010

4*3 ADAPTÖR / 4*3 ADAPTÖR (UZUN) 4*3 Adapter / 4*3 Adapter (Long)

Kod
Code **HÇ 2010 - HÇ 2017**



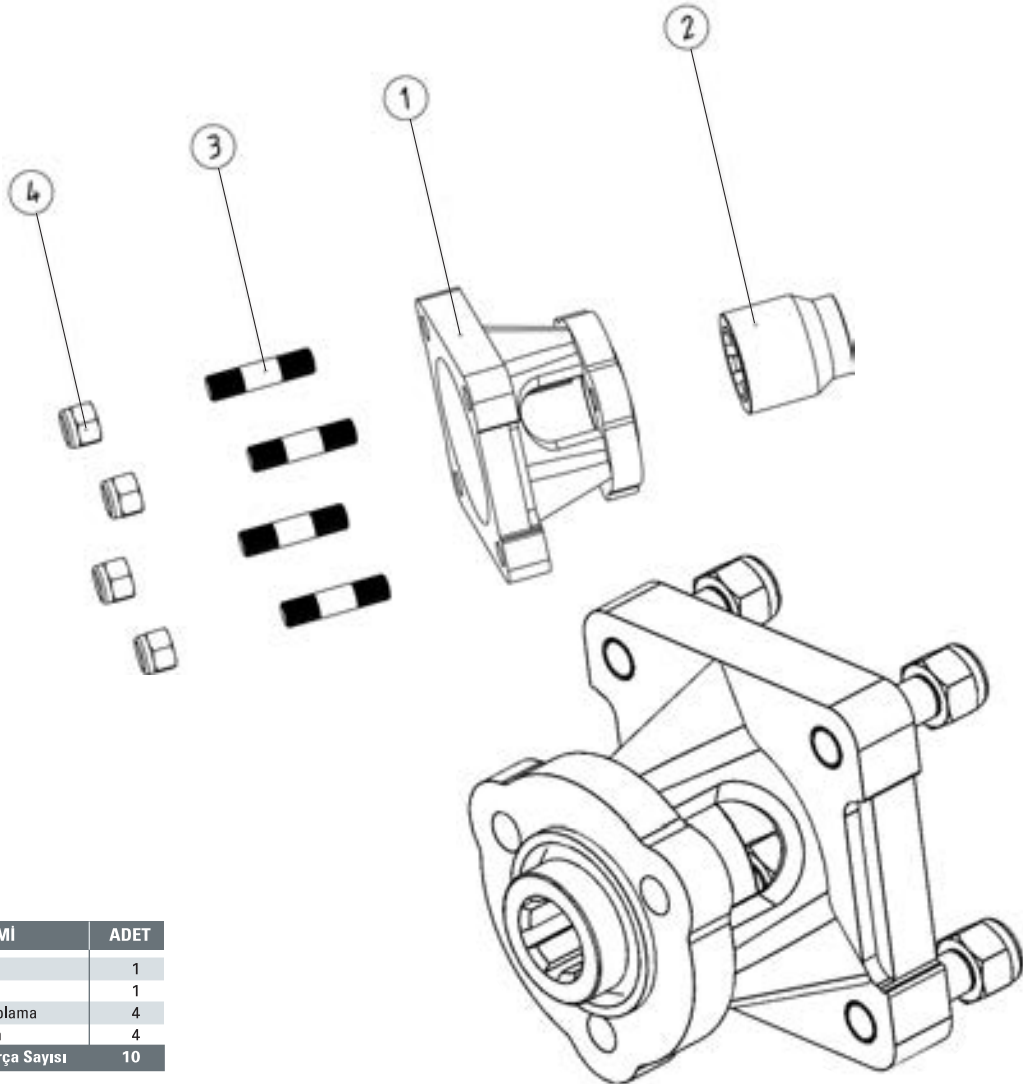
NO.	PARÇA İSMİ	ADET
1	Gövde	1
2	6*8 Adaptör Mili	1
3	6*6 Kaplin	1
4	471/52 Segman	2
5	6205 Rulman	2
6	472/24 Segman	1
7	25*52*10 Keçe	1
8	m10*45 Saplama	3
9	m10 Somun	3
10	Conta 1	1
Toplam Parça Sayısı		16



Kod
Code **HÇ 2038**

3*4 ADAPTÖR

3*4 Adapter



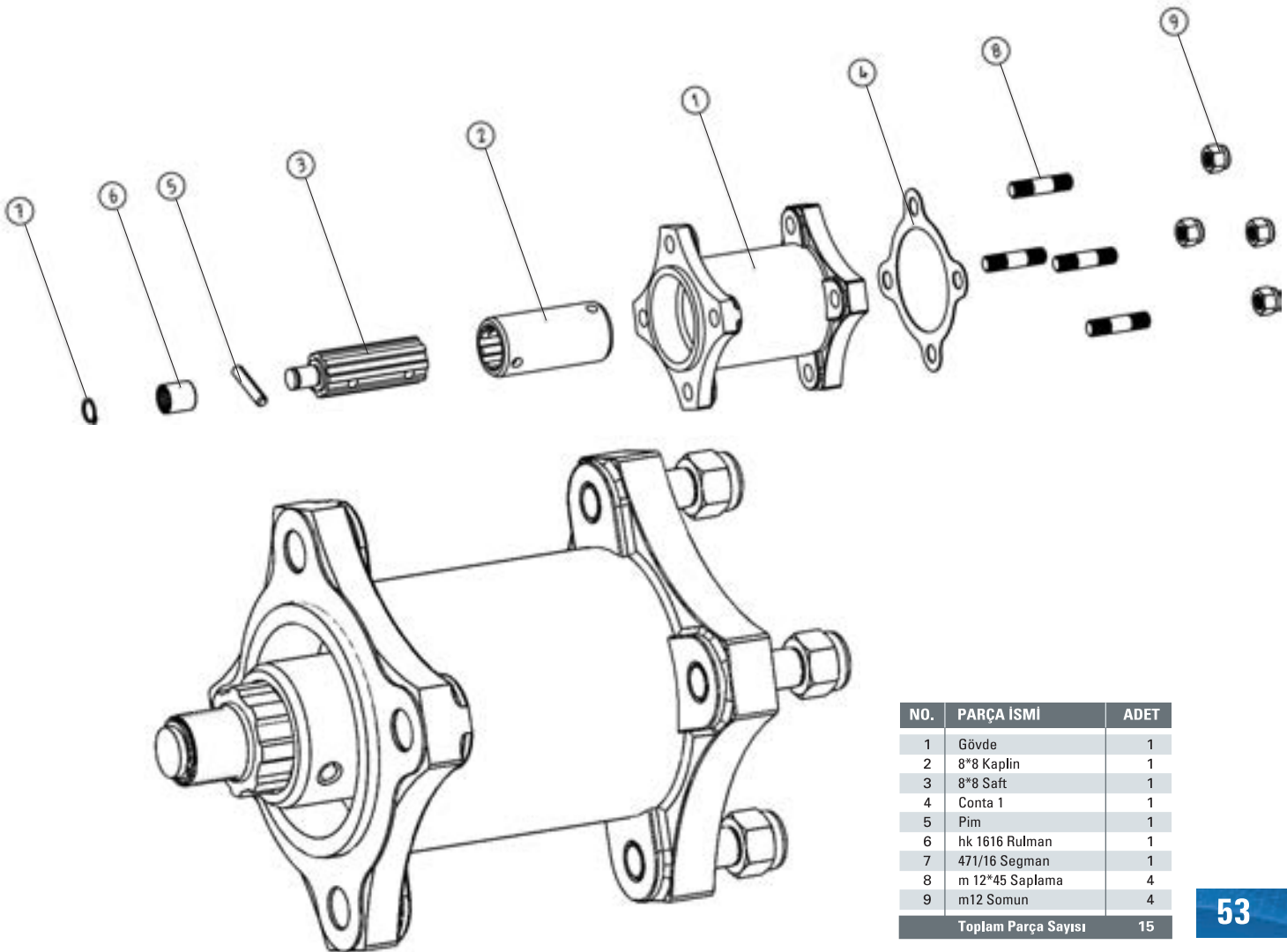
NO.	PARÇA İSMİ	ADET
1	Gövde	1
2	6*8 Kaplin	1
3	m12*45 Saplama	4
4	m12 Somun	4
Toplam Parça Sayısı		10



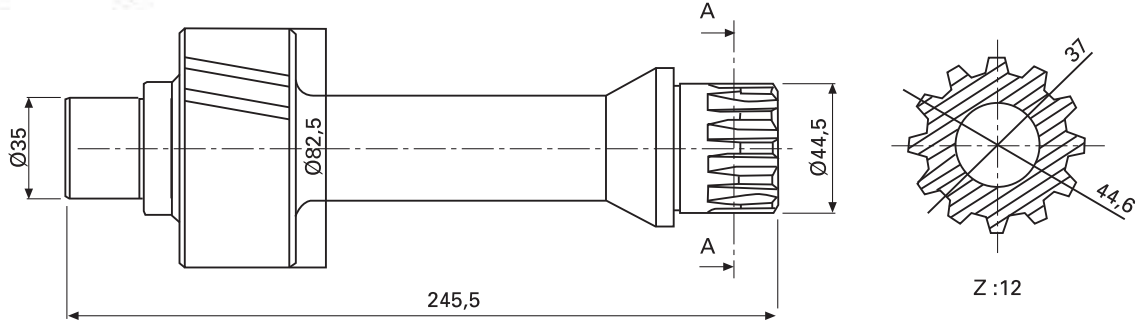
4*4 ADAPTÖR

4*4 Adapter

Kod **HÇ 2064**
Code



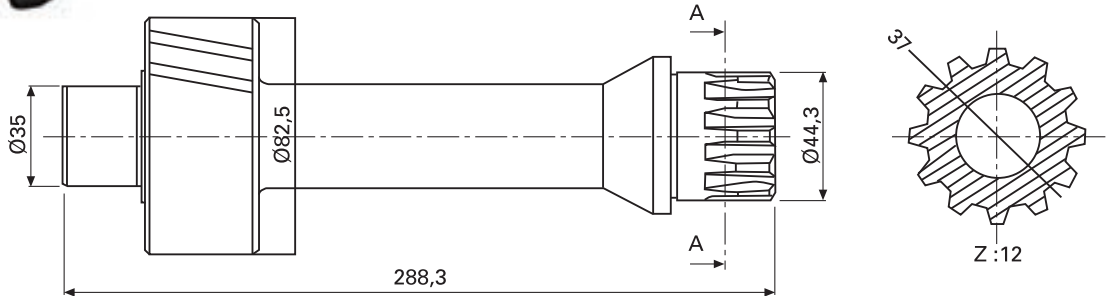
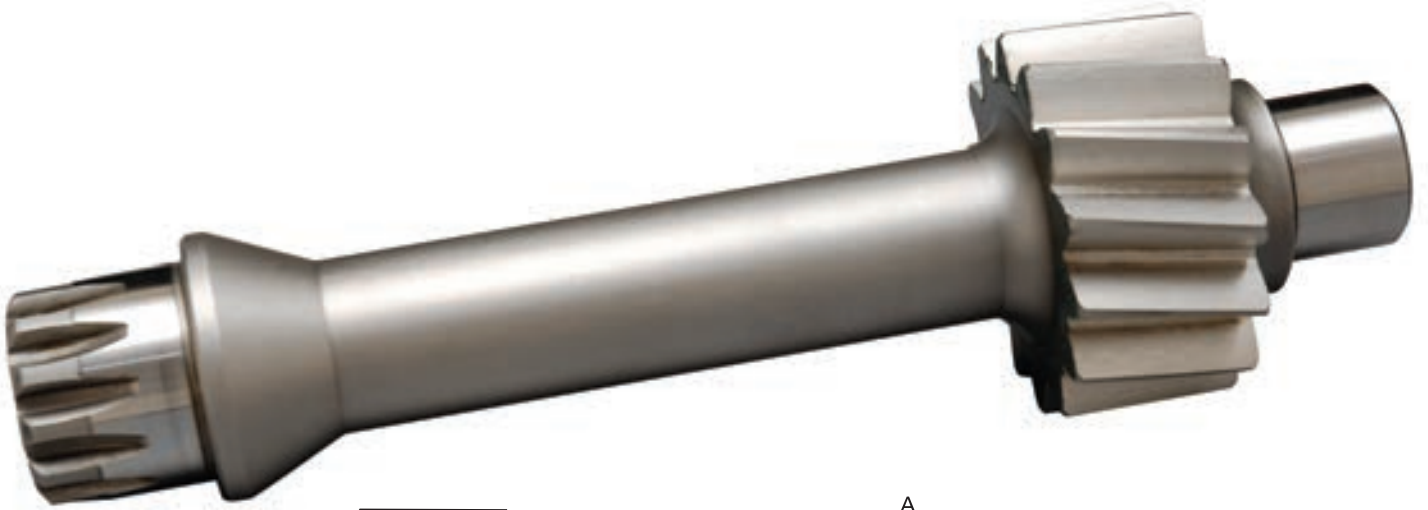
NO.	PARÇA İSMİ	ADET
1	Gövde	1
2	8*8 Kaplin	1
3	8*8 Shaft	1
4	Conta 1	1
5	Pim	1
6	hk 1616 Rulman	1
7	471/16 Segman	1
8	m 12*45 Saplama	4
9	m12 Somun	4
Toplam Parça Sayısı		15



Kod
Code **HÇ 2012**

ZF 9 S 75 (13,16) KARDAN MİLİ

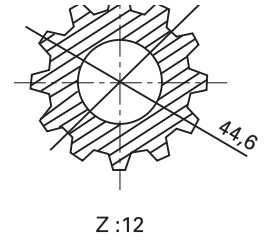
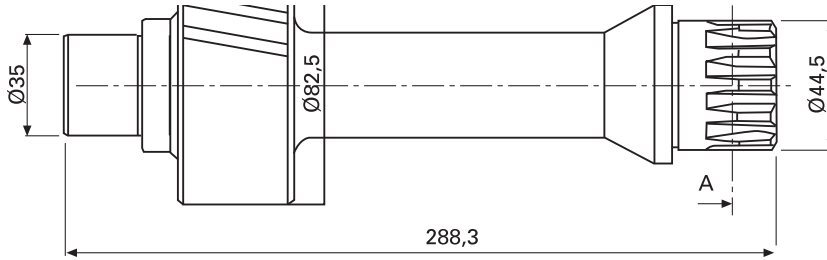
ZF 9 S 75 (13,16) Cardan Shaft



Kod
Code **HÇ 2031**

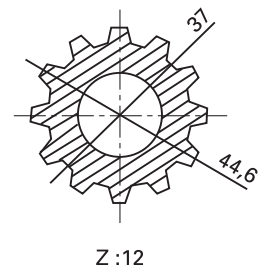
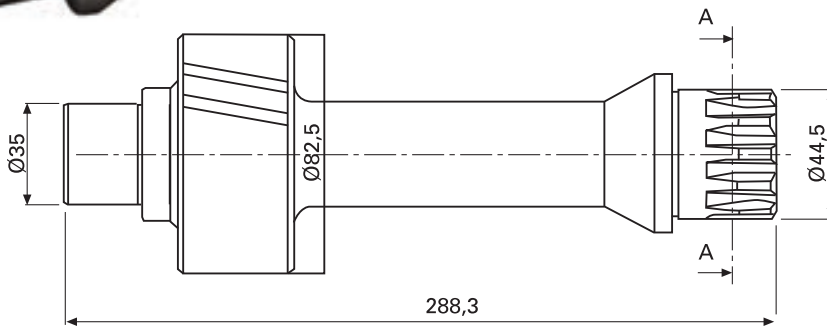
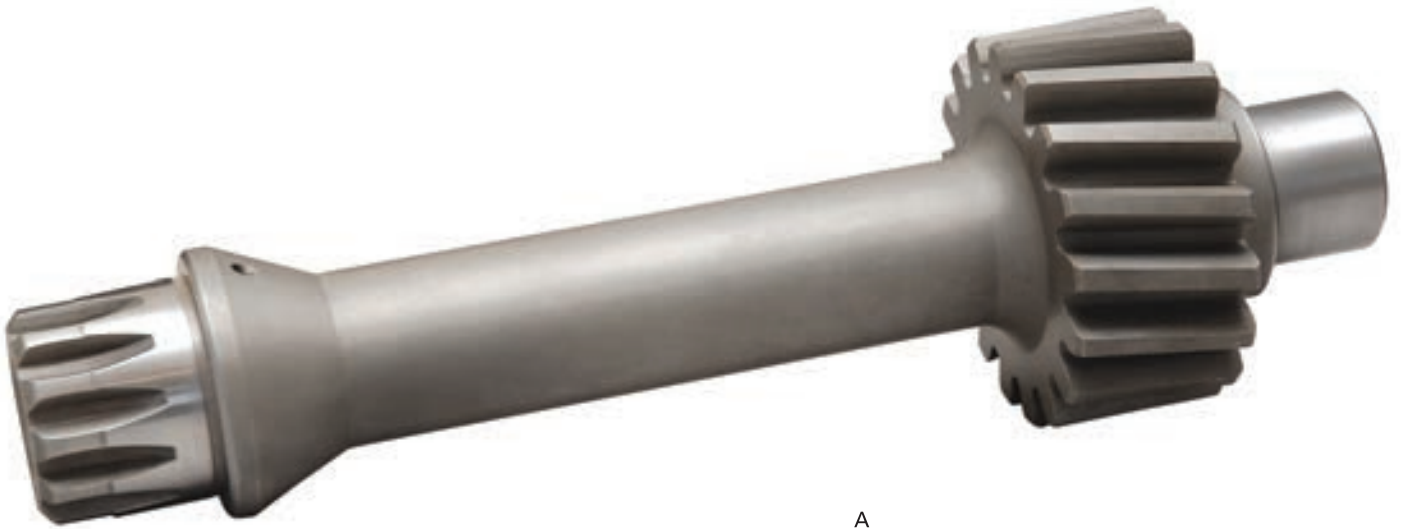
ZF 9 S 109 (12,91) KARDAN MİLİ

ZF 9 S 109 (12,91) Cardan Shaft



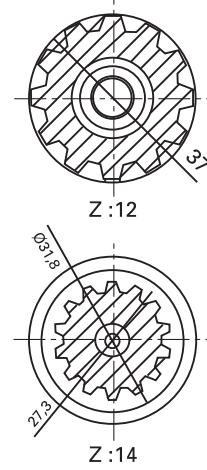
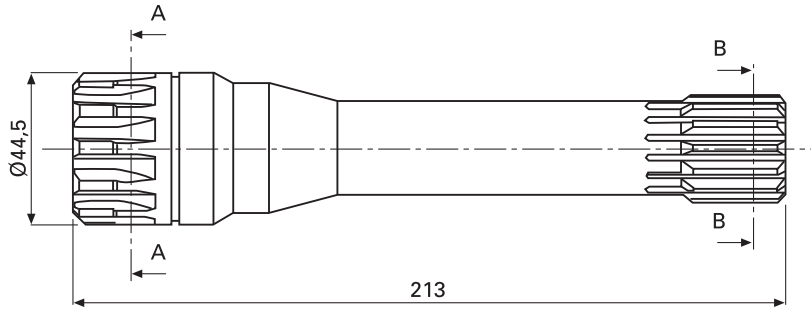
ZF 9 S 109 (12,92) KARDAN MİLİ
ZF 9 S 109 (12,92) Cardan Shaft

Kod
Code **HÇ 2025**



ZF 16 S 109 (13,53) KARDAN MİLİ
ZF 16 S 109 (13,53) Cardan Shaft

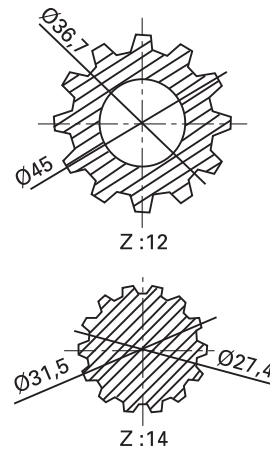
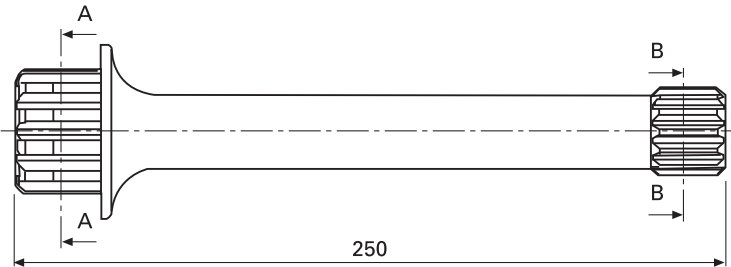
Kod
Code **HÇ 2030**



Kod
Code **HÇ 2011**

ZF 16 S 151 - 181 - 221 KARDAN MİLİ

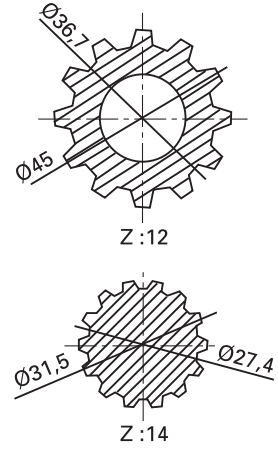
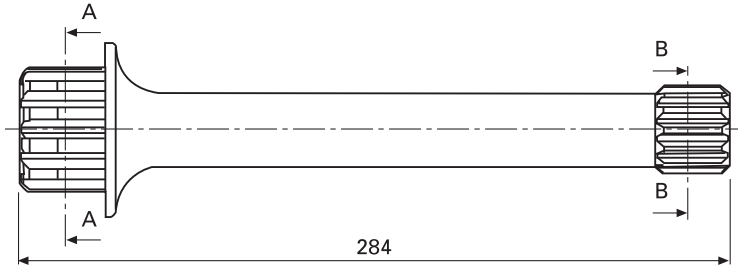
ZF 16 S 151 - 181 - 221 Cardan Shaft



Kod
Code **HÇ 2049**

ZF 16 S 2521 TO (INTARDER) KARDAN MİLİ

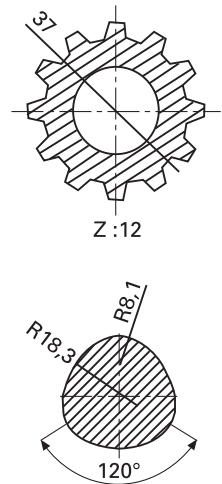
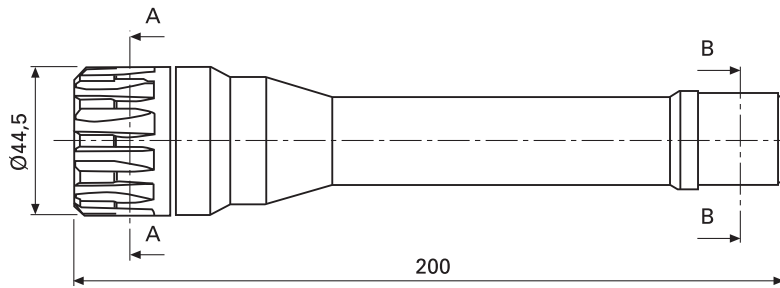
ZF 16 S 2521 (Intarder) Cardan Shaft



ZF 12 AS 1800 - 2200 KARDAN MİLİ

ZF 12 AS 1800 - 2200 Cardan Shaft

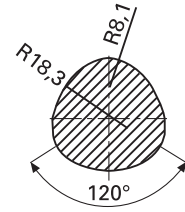
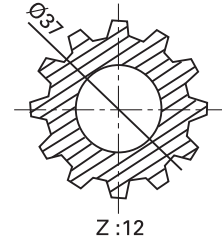
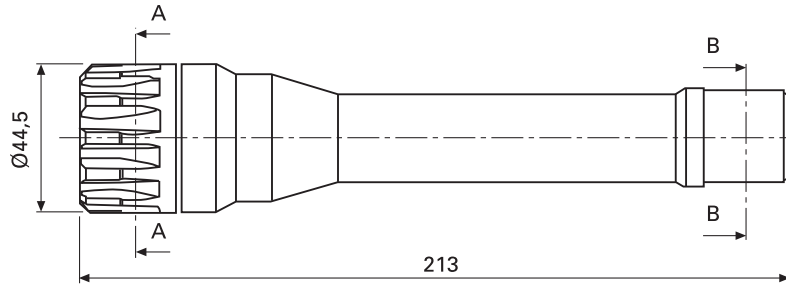
Kod
Code **HÇ 2050**



ZF 16 S 130 KARDAN MİLİ (KISA)

ZF 16 S 130 Cardan Shaft (Short)

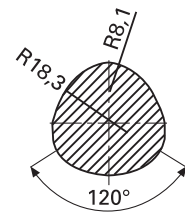
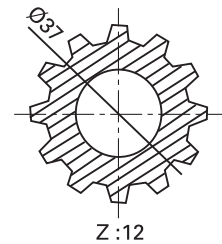
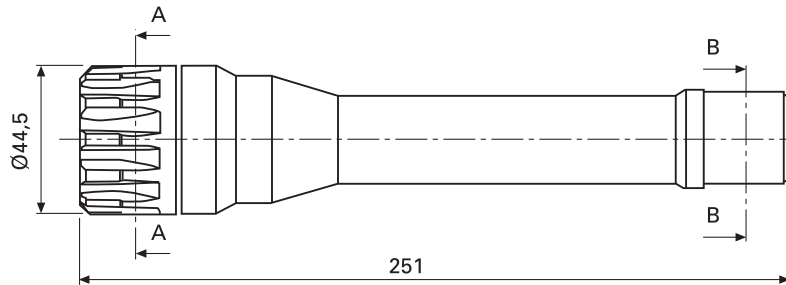
Kod
Code **HÇ 2060**



Kod
Code **HÇ 2061**

ZF 16 S 130 KARDAN MİLİ (UZUN)

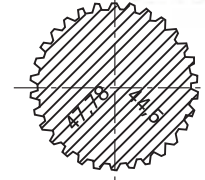
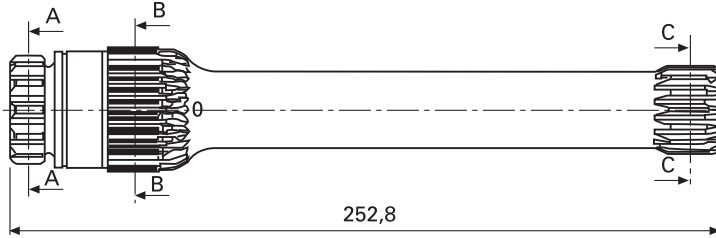
ZF 16 S 130 Cardan Shaft (Long)



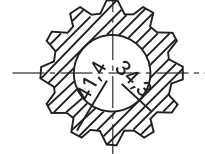
Kod
Code **HÇ 2062**

ZF 16 S 130 KARDAN MİLİ (Intarder)

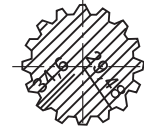
ZF 16 S 130 Cardan Shaft (Intarder)



Z : 30



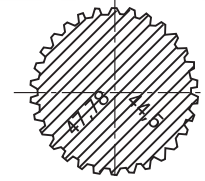
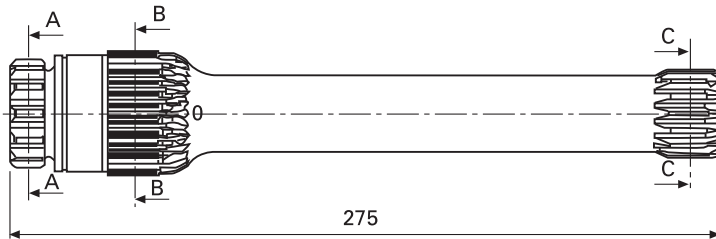
Z : 12



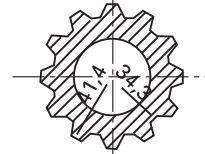
Kod
Code **HÇ 2032**

ACTROS G 125 KARDAN MİLİ (KISA)

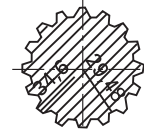
ACTROS G 125 Cardan Shaft (Short)



Z : 30



Z : 12

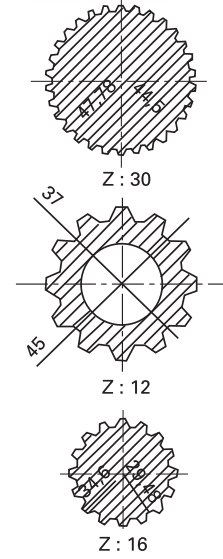
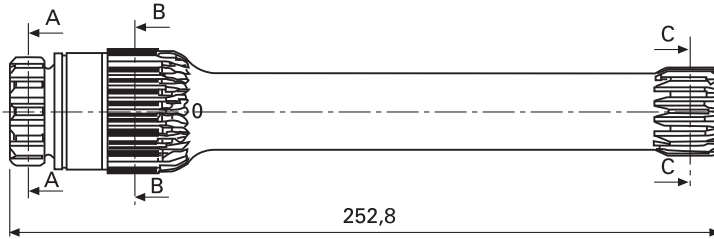


Z : 16

Kod
Code **HÇ 2027**

ACTROS G 125 KARDAN MİLİ (UZUN)

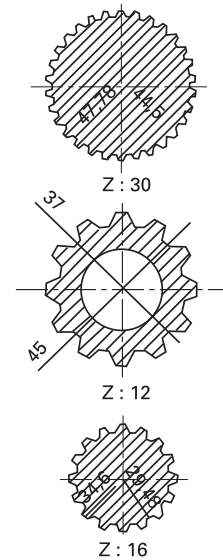
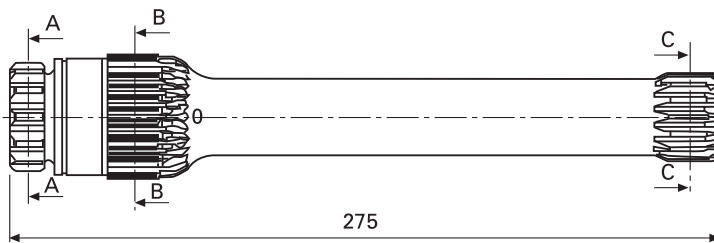
ACTROS G 125 Cardan Shaft (Long)



Kod
Code **HÇ 2041**

ACTROS G 125 KARDAN MİLİ A (KISA)

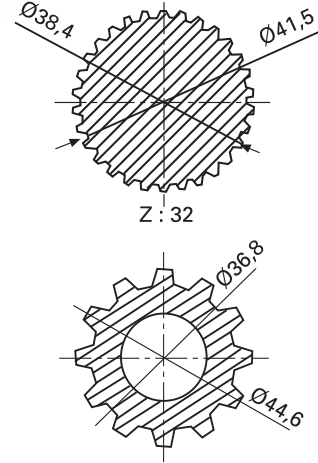
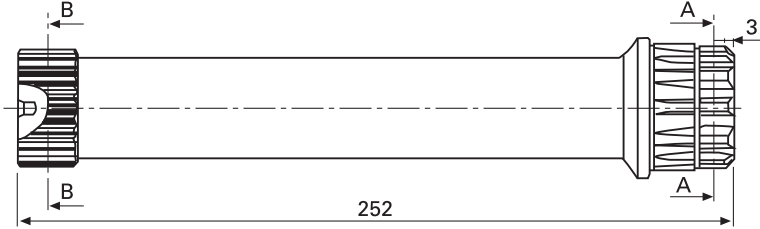
ACTROS G 125 Cardan Shaft A (Short)



Kod
Code **HÇ 2042**

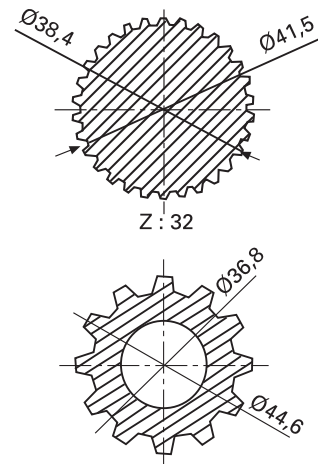
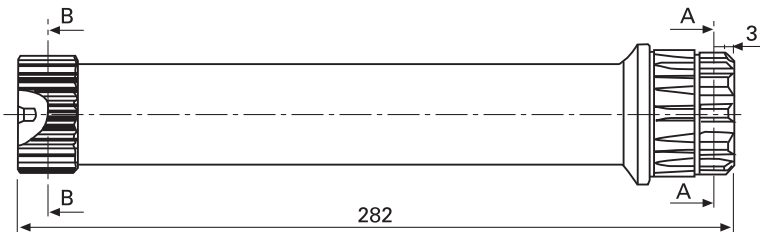
ACTROS G 125 KARDAN MİLİ A (UZUN)

ACTROS G 125 Cardan Shaft A (Long)



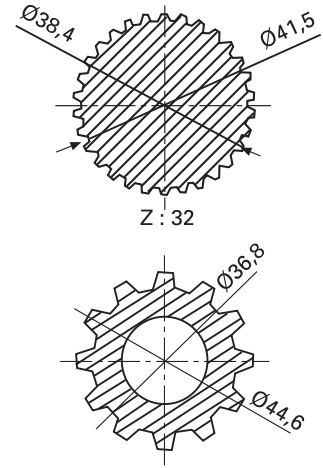
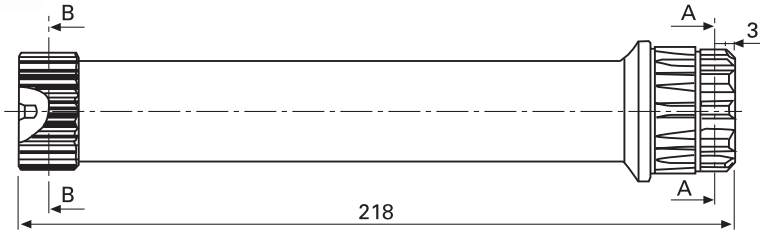
VOLVO SR 1400 KARDAN MİLİ (KISA)
VOLVO SR 1400 Cardan Shaft (Short)

Kod **HÇ 2033**
Code



VOLVO SR 1400 KARDAN MİLİ (UZUN)
VOLVO SR 1400 Cardan Shaft (Long)

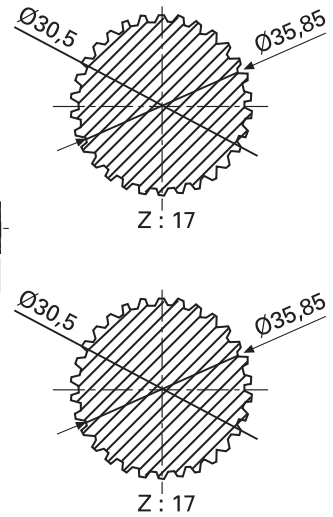
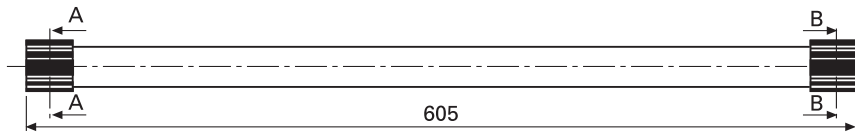
Kod **HÇ 2053**
Code



Kod
Code **HÇ 2051**

VOLVO AT 2412 (OPTIDRIVER) KARDAN MİLİ

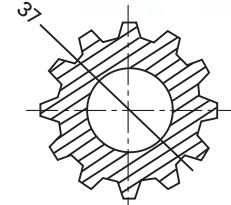
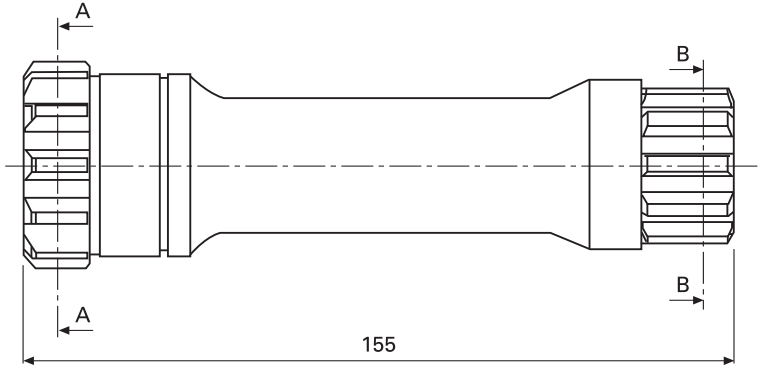
VOLVO AT 2412 Cardan Shaft



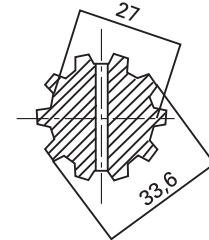
Kod
Code **HÇ 2021**

SCA GRS 905 KARDAN MİLİ

SCA GRS 905 Cardan Shaft



Z : 12

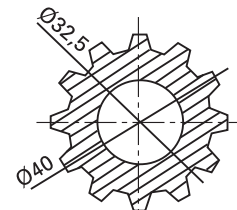
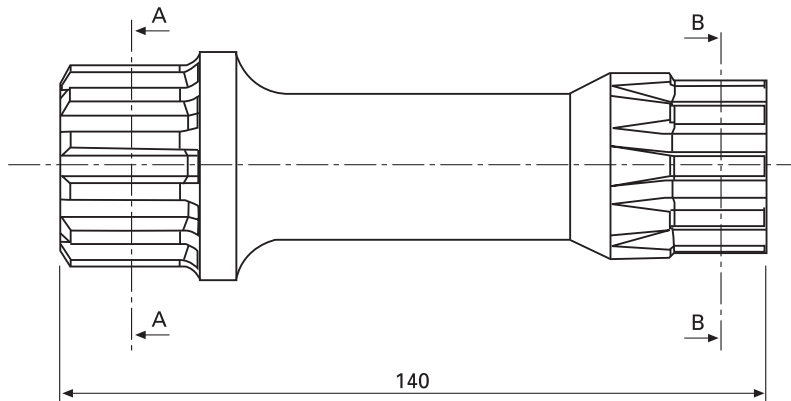


Z : 10

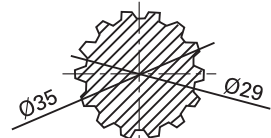
Kod
Code **HÇ 2048**

VOLVO SR 1400 KARDAN MİLİ (KISA)

VOLVO SR 1400 Cardan Shaft (Short)



Z : 12



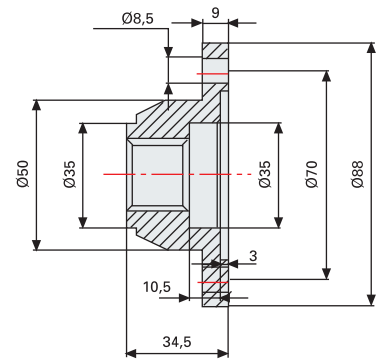
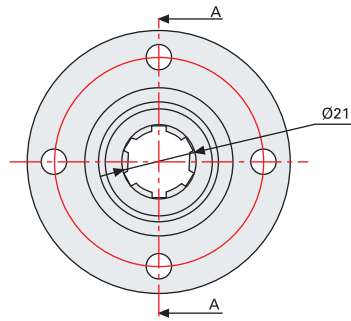
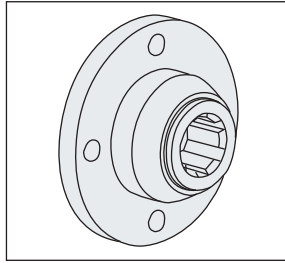
Z : 10

Kod
Code **HÇ 2063**

VOLVO SR 1400 KARDAN MİLİ (UZUN)

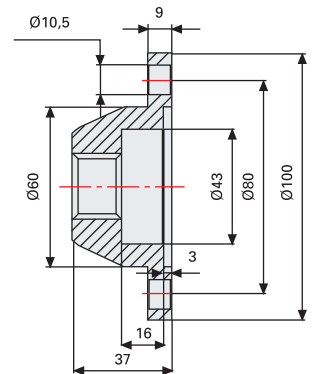
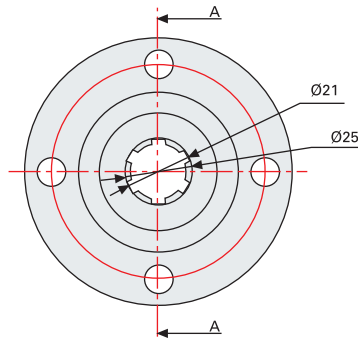
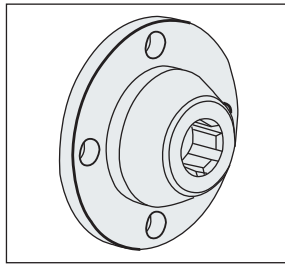
VOLVO SR 1400 Cardan Shaft (Long)

1300 FLANŞ (6 Frezeli) / 1300 Flange (6 Spline)



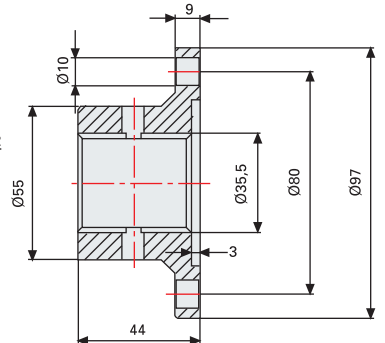
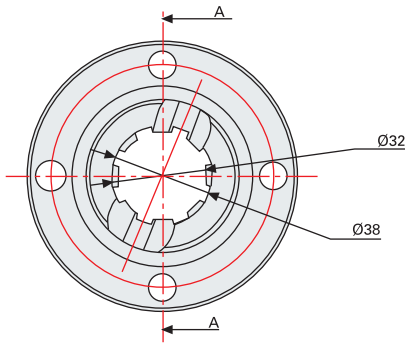
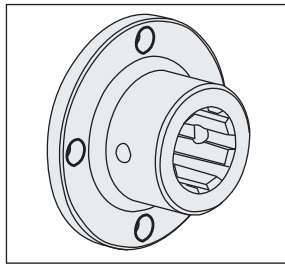
A-A Kesiti / A-A Section

1120 FLANŞ (6 Frezeli) / 1120 Flange (6 Spline)



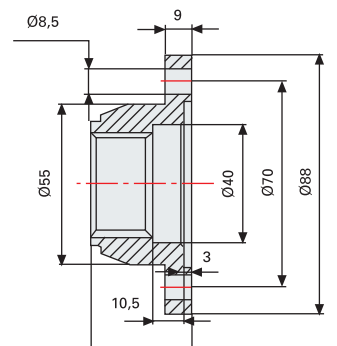
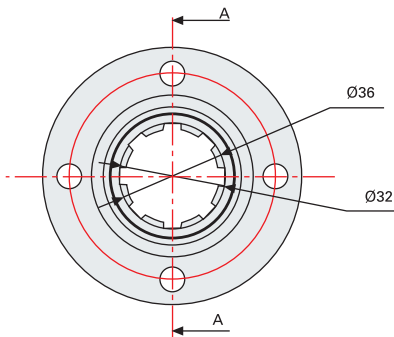
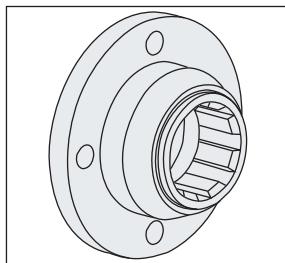
A-A Kesiti / A-A Section

1300 FLANŞ (8 Frezeli) / 1300 Flange (8 Spline)



A-A Kesiti / A-A Section

1120 FLANŞ (8 Frezeli) / 1120 Flange (8 Spline)

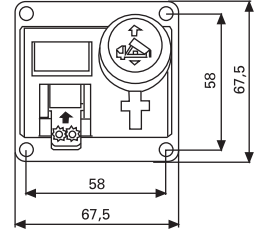
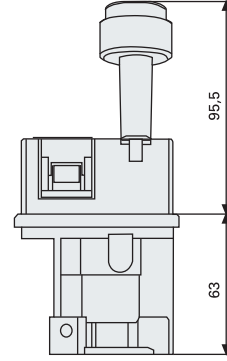
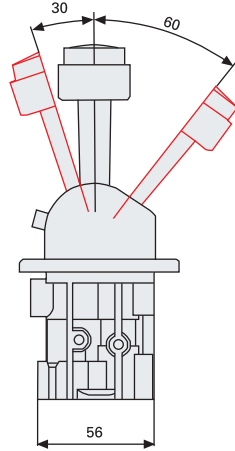


A-A Kesiti / A-A Section

Joyistik (Üçlü)
Joystick (Three Way)



HÇ 2080



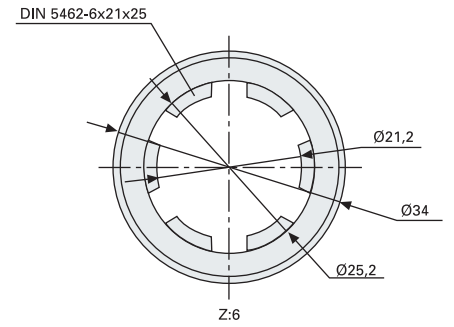
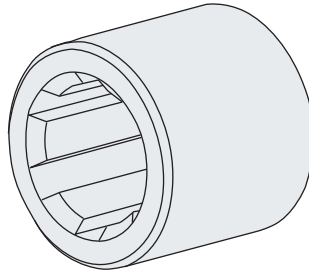
Genel Bilgiler / General Data

ÜRÜN KODU Product Code	HÇ 2080
P Hava Giriş / Pneumatic Inlet	G1/8"
R Hava Çıkışı / Pneumatic Outlet	M5
Max. Basınc / Max. Pressure	12 Bar
Min. Basınc / Min. Pressure	5 Bar
Çalışma Ortamı Working Area	Hava Pneumatic
Bağlantı Şekli / Mountign Type	Opsiyonel-Optional
Ağırlık / Weight	0,5 Kg

6x6 Kaplin / Coupling



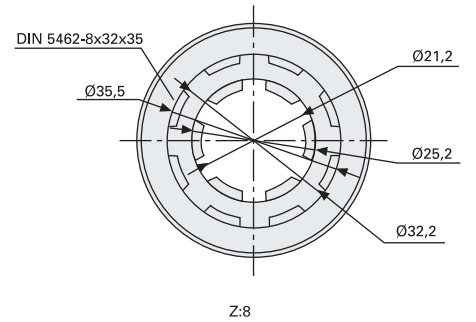
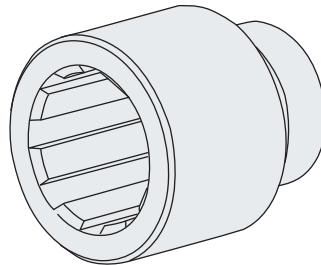
HÇ 2085



6x8 Kaplin / Coupling



HÇ 2088

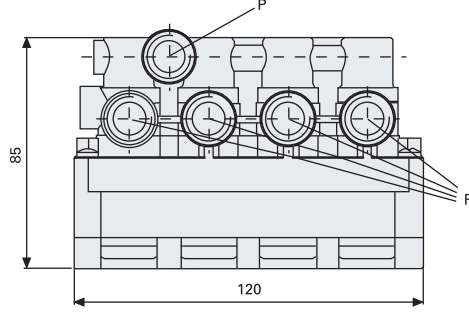


DAMPER DÜĞMELERİ / Pneumatic Control

4'lü DAMPER DÜĞMESİ / Pneumatic Control (4 Way Switch)



HÇ 2084



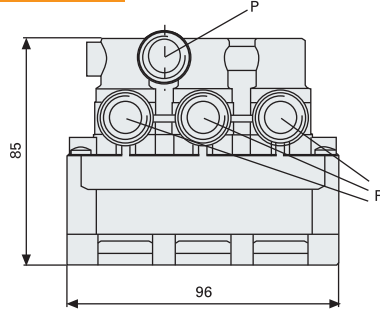
Genel Bilgiler / General Data

ÜRÜN KODU Product Code	HÇ 2084
P Hava Giriş / Pneumatic Inlet	1/4"
R Hava Çıkışı / Pneumatic Outlet	1/4"
Max. Basınc / Max. Pressure	12 Bar
Çalışma Sıcaklığı / Working Temp.	-40,+80 C
Çalışma Ortamı Working Area	Hava Pneumatic
Bağlantı Şekli / Mountign Type	Opsiyonel-Optional
Ağırlık / Weight	0,5 Kg

3'lü DAMPER DÜĞMESİ / Pneumatic Control (3 Way Switch)



HÇ 2083



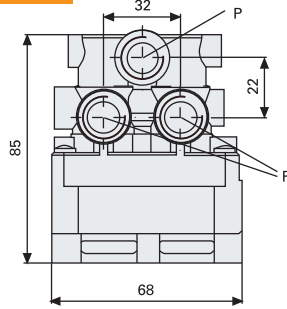
Genel Bilgiler / General Data

ÜRÜN KODU Product Code	HÇ 2083
P Hava Giriş / Pneumatic Inlet	1/4"
R Hava Çıkışı / Pneumatic Outlet	1/4"
Max. Basınc / Max. Pressure	12 Bar
Çalışma Sıcaklığı / Working Temp.	-40,+80 C
Çalışma Ortamı Working Area	Hava Pneumatic
Bağlantı Şekli / Mountign Type	Opsiyonel-Optional
Ağırlık / Weight	0,5 Kg

2'lü DAMPER DÜĞMESİ / Pneumatic Control (2 Way Switch)



HÇ 2082



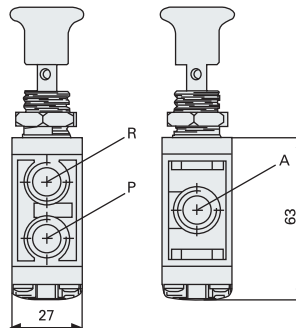
Genel Bilgiler / General Data

ÜRÜN KODU Product Code	HÇ 2082
P Hava Giriş / Pneumatic Inlet	1/4"
R Hava Çıkışı / Pneumatic Outlet	1/4"
Max. Basınc / Max. Pressure	12 Bar
Çalışma Sıcaklığı / Working Temp.	-40,+80 C
Çalışma Ortamı Working Area	Hava Pneumatic
Bağlantı Şekli / Mountign Type	Opsiyonel-Optional
Ağırlık / Weight	0,5 Kg

1'lü DAMPER DÜĞMESİ / Pneumatic Control (1 Way Switch)



HÇ 2081



Genel Bilgiler / General Data

ÜRÜN KODU Product Code	HÇ 2081
P Hava Giriş / Pneumatic Inlet	1/4"
R Hava Çıkışı / Pneumatic Outlet	1/4"
Max. Basınc / Max. Pressure	12 Bar
Çalışma Sıcaklığı / Working Temp.	-40,+80 C
Çalışma Ortamı Working Area	Hava Pneumatic
Bağlantı Şekli / Mountign Type	Opsiyonel-Optional
Ağırlık / Weight	0,5 Kg



Horozluhan Mah. Selçuk Sanayi, Karasakal Cad. No:6 Konya - TÜRKİYE

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