

YKF 2" POMPA INTERNAL ECCENTRIC GEAR PUMP



POMPA DEĞERLERİ / PUMP PROPERTIES

Q	: 15 m ³ /h
Hm	: 1 ~ 14 Bar
T	: 0 ~ 200 °C
n	: 500 d/d
Visc.	: 100 ~ 250.000 SSU

KULLANIM ALANLARI

- Fuel Oil Servis Tankları, Gaz Yağı, Mazot Tankerlerinde
- Reçine ve Polimerler
- Asfalt ve Bitüm
- Kağıt ve Boya Sanayinde
- Küçük çapta kızgın yağ sirkülasyonlarında
- İlaç, kimya ve deterjan sanayinde
- Gıda Sanayinde.

USE AREAS

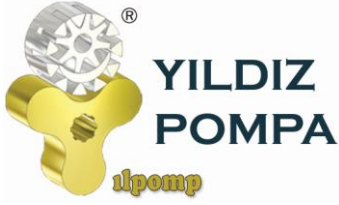
- Fuel Oil Service Tanks, Gasoil, Diesel Tankers
- Resin and Polymer
- Asphalt and Bitumen
- Paper and Paint/dye industry
- Circulation of Hot Oil (limited)
- Medicine, Chemical and Detergent Industry
- Food Industry.

MALZEME SEÇENEKLERİ

- Pompa Gövdesi, Kapaklar : Dökme (pik) demir, Sfero döküm, Çelik döküm, Paslanmaz AISI 304- AISI 316 döküm
- Dişliler : Sfero döküm, Çelik döküm, Paslanmaz AISI 304- AISI 316 döküm
- Yataklar : Snbz 12 bronz, karbon grafit, Silisyum Karbür, Sert Metal Kaplama, rulman
- Sızdırmazlık: Yumuşak Salmastra, Rotatherm Salmastra, Mekanik salmastra. Keçeli Sistem, Kartex Mekanik Salmastra

MATERIAL OPTIONS

- Pump Body, covers : Pig Cast Iron, Spheroidal Cast iron, Cast Steel, AISI 304/316 CrNi Stainless Steel
- Gears : Spheroidal Cast iron, Cast Steel, AISI 304/316 CrNi Stainless Steel
- Bearings: Snbz 12 bronze, carbon graphite, silicon carbide, hard metal coated steel, bearing
- Sealing: Soft Seal or Packing Gland, Rotatherm Seal, Lip Seal, Mechanical Seal, Cartridge Type Mechanical Seal



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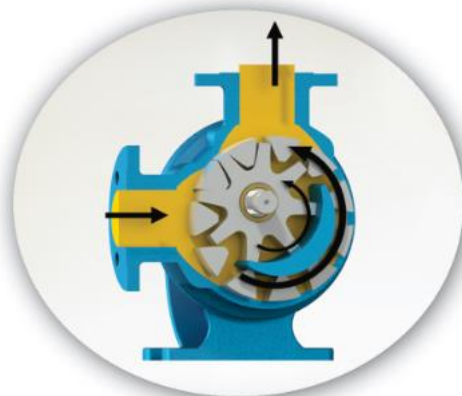
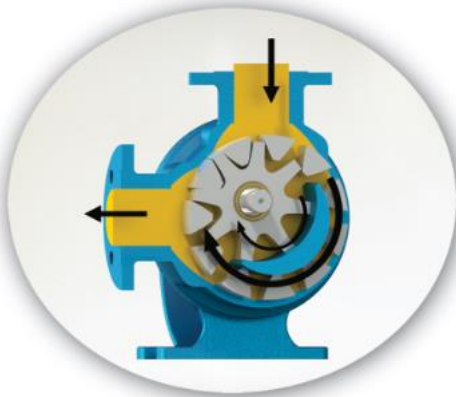
İÇTEN EKSANTİK DİŞLİ POMPA ÇALIŞMA PRENSİBİ / WORKING PRINCIPLE OF INTERNAL ECCENTRIC GEAR PUMP

Yıldız Pompa' nın "dişli içinde dişli" prensibinde sadece iki tane hareketli parça vardır. Bütün pozitif deplasmanlı YILDIZ dişli pompalarının güvenilir ve verimli çalışmasının sırrı budur. Sıvının pozitif deplasmanı (yer değiştirmesi) rotor ve avare dişlisinin dişleri arasındaki boşluğun komple dolmasıyla sağlanmaktadır. Bütün dişli pompalarda olduğu gibi, YILDIZ POMPA' da da performansın en üst noktaya çıkmasını sınırlayıcı yegane faktör, pompalanan sıvının diğerlerine göre daha temiz olmasını istemesidir.

Pompa milinin her devrinde emiş ağzı yoluyla belli bir miktar sıvı pompaya girer. Bu sıvı rotor ile avare dişlisi arasındaki boşluğu doldurur. Pompa kapağında bulunan hilal, çıkış ağzına doğru pürüzsüz şekilde hareket eden sıvının akışını ayırır. Kendi dişleri ile hilalin iç yüzeyi arasında sıvıyı taşıyan avare dişlisi pompa kapağının desteklediği bir mil üzerinde döner. Dişleri arasında sıvıyı taşıyan rotor dişlisi pompa gövdesi ile hilalin dış yüzeyi arasında hareket eder ve pompa miline bağlıdır.

YILDIZ's simple "gear-within a gear" principle has only two moving parts. It is the secret of dependable, efficient operation of all positive displacement YILDIZ POMPA's PUMPS. The positive displacement of liquid is accomplished by the complete filling of the spaces between the teeth of the rotor and idler gears. The only limiting factor to peak performance in YILDIZ POMPA, as with all rotary pumps, is that the liquid pumped must be comparatively clean.

With every revolution of the pump's shaft, a definite amount of liquid enters the pump through the suction port. This liquid fills the spaces between the teeth of the rotor and the idler. The crescent on the pump head splits the flow of liquid as it moves smoothly towards the discharge port. The idler gear, which carries the liquid between its teeth and the inside surface of the crescent is connected to pump cover. On the otherhand, rotor gear which is rotated directly with pump shaft delivers the liquid between gear teeth and crescent's souter surface.



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Yandaki renkli kısım sıvının pompa gövdesindeki emiş ağızı alanına, rotor dişlisi ve avare dişlisi dişleri arasındaki dişli boşlukları alanına girişini gösterir. İki siyah ok pompanın dönüş ve sıvının ilerleyişini gösterir.

The yellow colored portion at side indicates the liquid as it enters the suction port area of the casing and the area between the rotor teeth and corresponding concave area between the idler teeth. The two black arrows indicate the pump rotation and progress of the liquid.



"Dişli içinde dişli" prensibinde çalışan dişliler ile pompa içinde sıvının ilerleyişine dikkat edin. Aynı zamanda, pompa kapağı üzerindeki hilal şeklinin sıvıyı nasıl böldüğüne ve emiş ile boşaltma ağızları arasında bir keçe (conta) gibi vazife gördüğüne dikkat ediniz.

Notice the progress of the liquid through the pump and between the teeth of rotor idler gear. Also, note how the crescent shape on the head divides the liquid and acts as a seal between the suction and discharge ports.



Bu resim pompanın iç kısmının dolup sıvının boşaltma ağızı alanına itilmesinden hemen önceki durumunu göstermektedir. Avare ve rotor dişlilerinin dizaynının sıvı için nasıl bir kapalı cep oluşturduğuna ve bunun tam bir hacim kontrolü sağlanmasını nasıl garantilediğine dikkat ediniz.

This illustration shows the pump in a nearly flooded condition just previous to the liquid being forced into the discharge port area. Notice how the gear design of the idler and rotor form locked pockets for the liquid to guarantee absolute volume control.



Bu görüntü pompanın tamamen dolup taşıdığı durumu ve sıvının boşaltma işlemini, boşaltma ağızından ilerleyişini göstermektedir. Emiş ve boşaltma ağızlarına eşit mesafede sızdırmaz bir keçe oluşturan, sıvıyı boşaltma ağızından dışarı doğru iten, rotor ve avare dişlisinin dişleri birbiri içine geçer.

The view shows the pump in a completely flooded condition and in the process of discharging the liquid through discharge port. The rotor and idler teeth mesh, forming a seal equidistant between the both ports, forcing liquid out the discharge port.

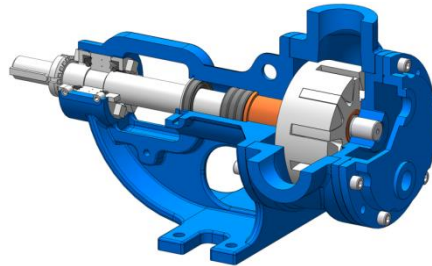
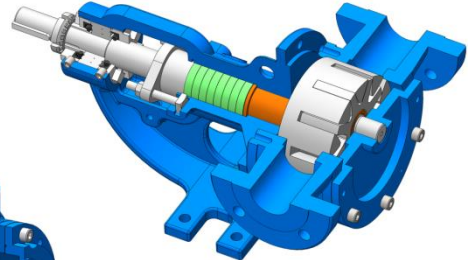
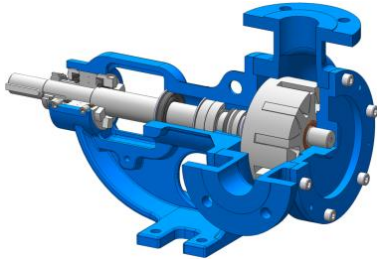
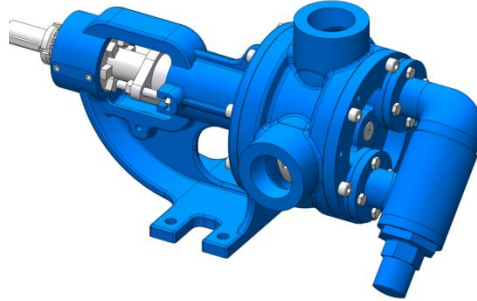
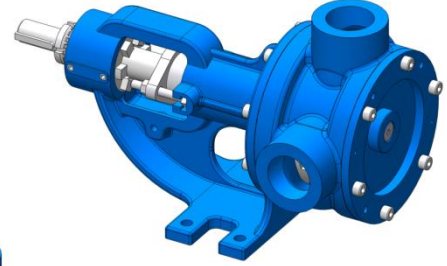


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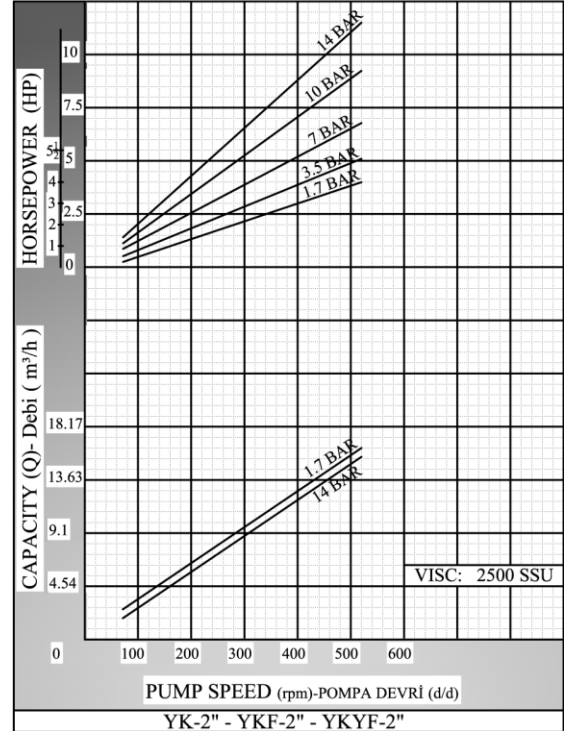
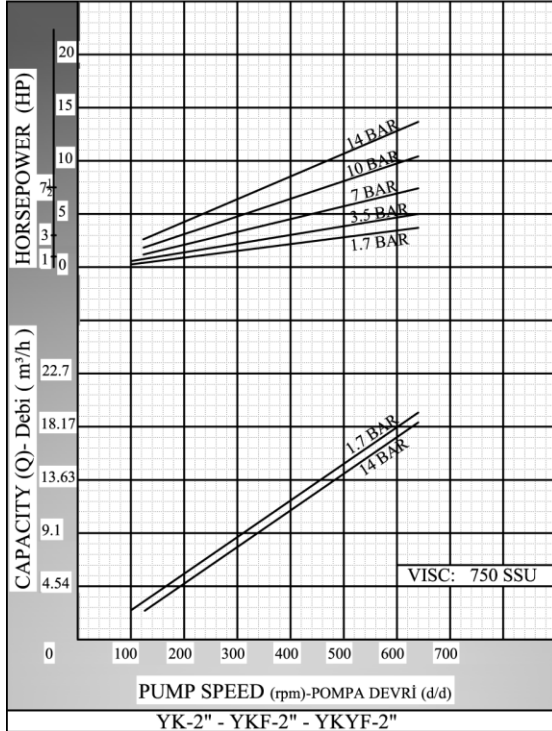
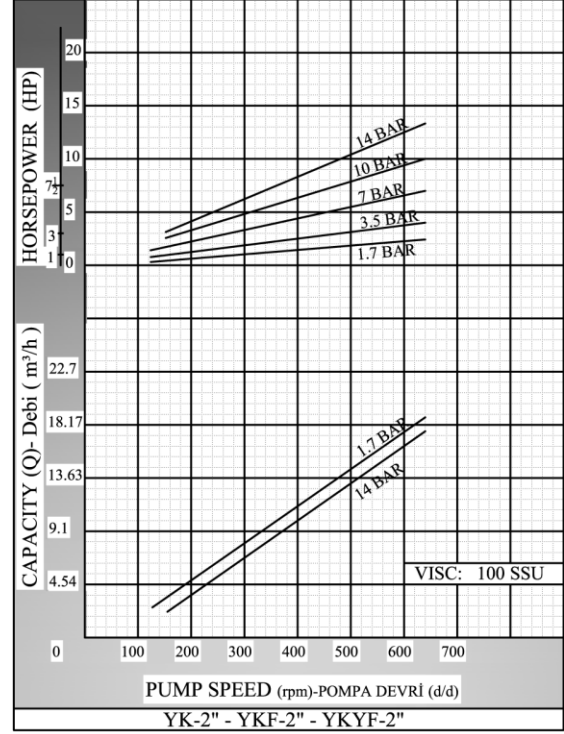
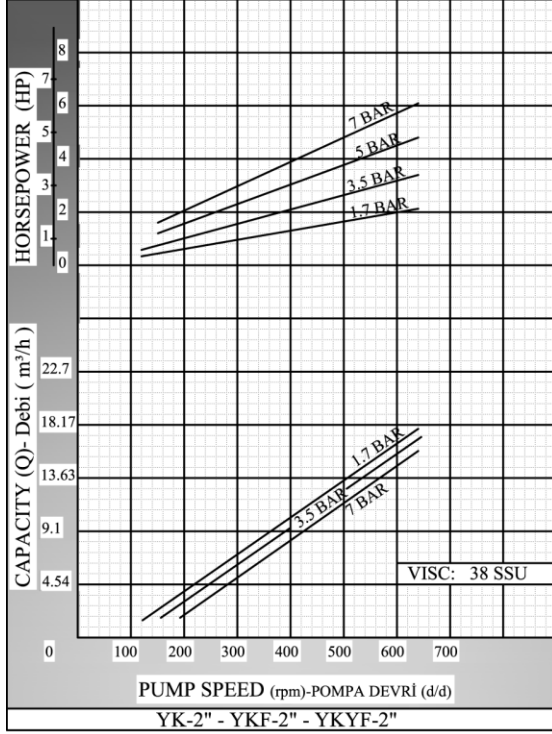
YK-2" - YKF-2" - YKYF-2" POMPASINA AİT KAPASİTE VE GÜÇ TABLOSU /
CAPACITY AND POWER TABLE

KAPASİTE (m³/h) CAPACITY (Q)	DEVİR (d/d) SPEED (rpm)	ÇIKIŞ BASINCI / PRESSURE				VİSKOZİTE VISCOSITY
		2,5 Bar	5 Bar	7,5 Bar	10 Bar	
1,2	60	1 HP	1,5 HP	2 HP	2 HP	75.000 SSU
1,5	80	1,5 HP	2 HP	3 HP	3 HP	25.000 SSU
2	100	1,5 HP	2 HP	3 HP	3 HP	25.000 SSU
8	280	3 HP	4 HP	5,5 HP	7,5 HP	25.000 SSU
10	340	3 HP	4 HP	5,5 HP	7,5 HP	7.500 SSU
12	400	4 HP	5,5 HP	5,5 HP	7,5 HP	2.500 SSU
13,5	450	4 HP	5,5 HP	7,5 HP	7,5 HP	750 SSU



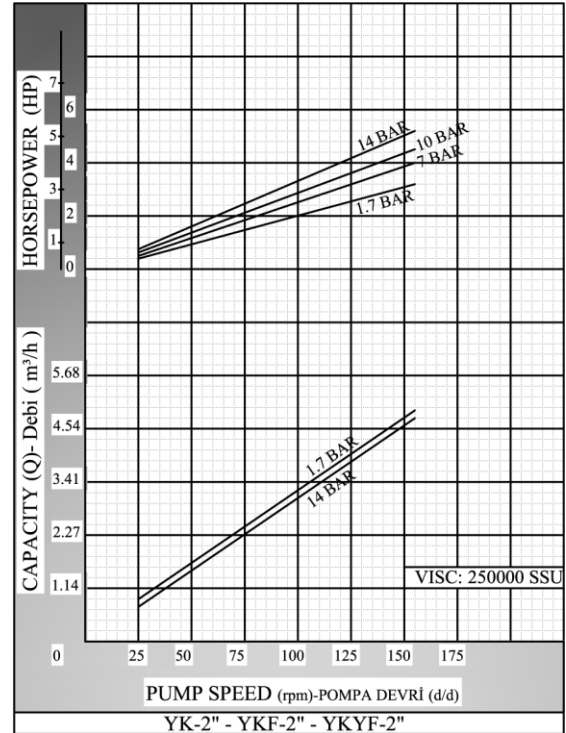
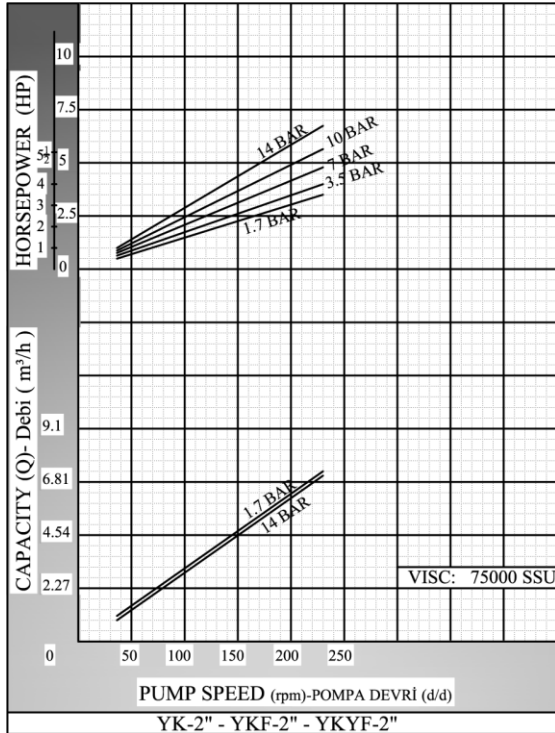
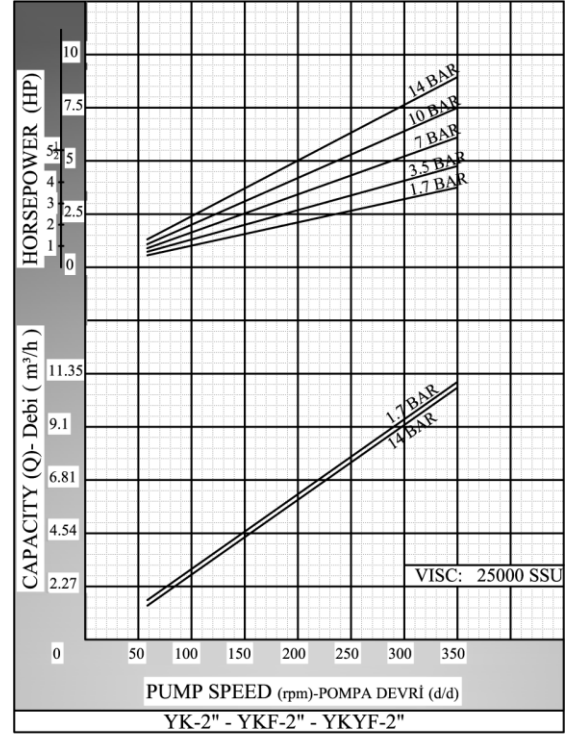
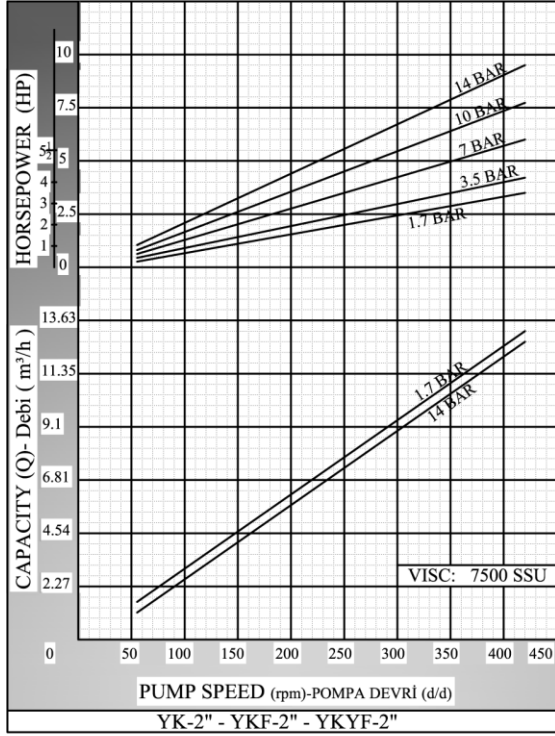


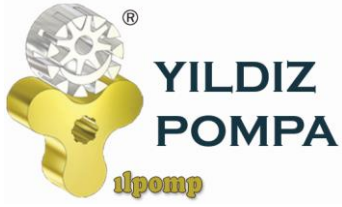
KAPASİTE EĞRİLERİ / CAPACITY GRAPHS





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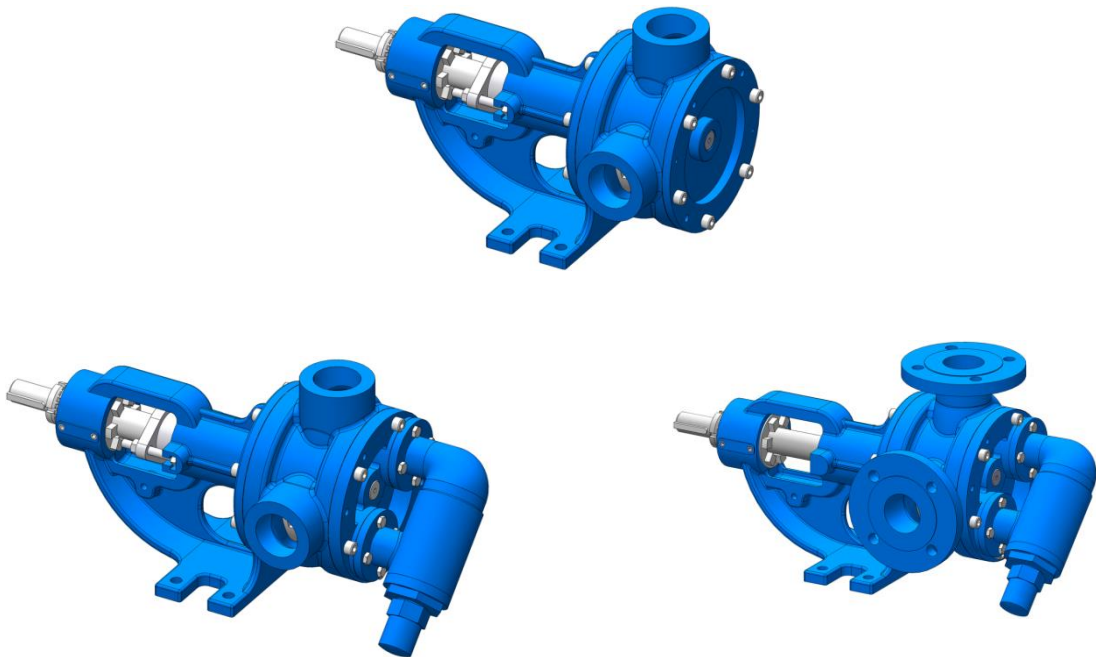
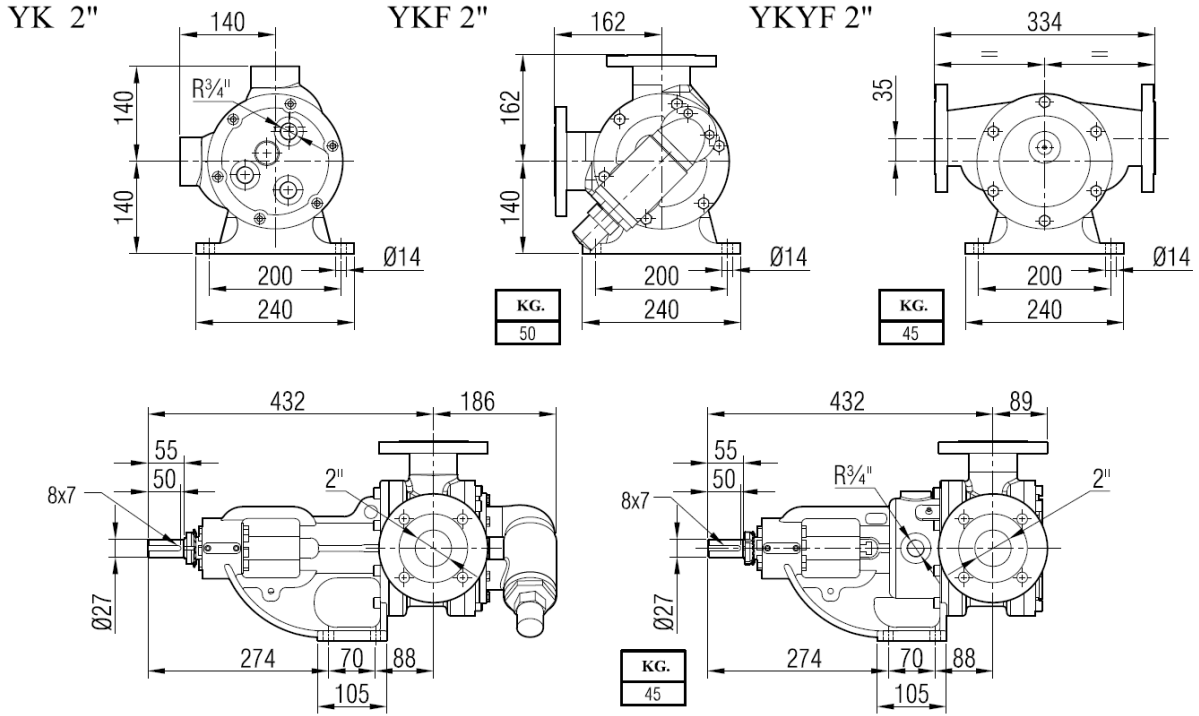




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POMPA BOYUT ÖLÇÜLERİ / PUMP DIMENSIONS



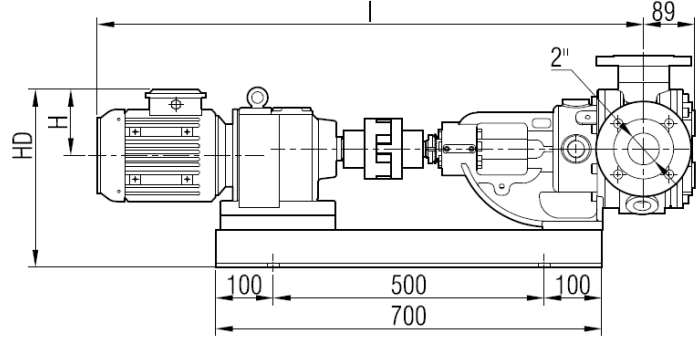
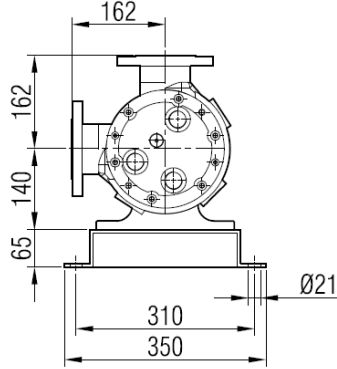


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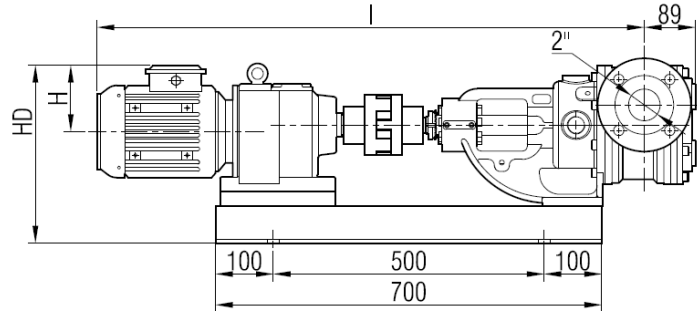
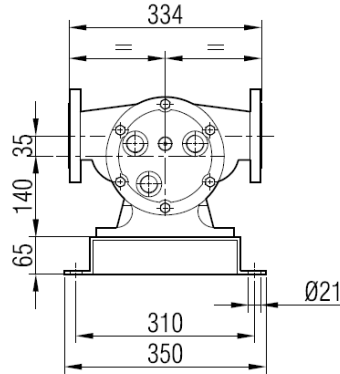


AKUPLAJ ÖLÇÜLERİ / COUPLING DIMENSIONS REDÜKTÖR AKUPELİ / GEARBOX DRIVE

YKF 2"

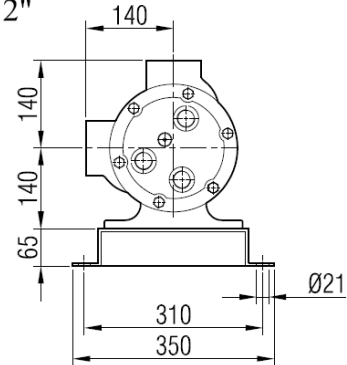


YKYF 2"



MOTOR GÜÇ VE DEVİRLERİ / MOTOR POWER AND SPEED	I	HD	H	kg.
1 hp / 0,75 kw 20/55 d/d (rpm) IRAM63/80M	950	311	118	115
1,5 hp / 1,1 kw 27/104 d/d(rpm) IRAM63/90S	976	325	132	118
2 hp / 1,5 kw 33/98 d/d (rpm) IRAM63/90L	1001			120
3 - 4 hp / 2,2 - 3 kw 47/98 d/d (rpm) IRAM63/100L	1042	334	141	124 127
5,5 hp / 4 kw 104/126 d/d (rpm) IRAM63/112M	1063	342	149	129

YK 2"

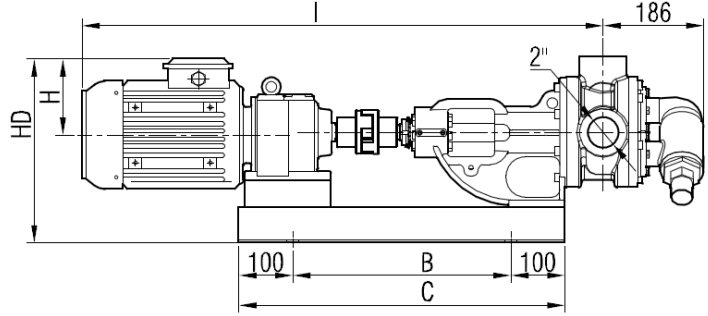
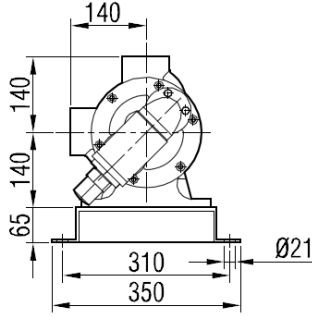




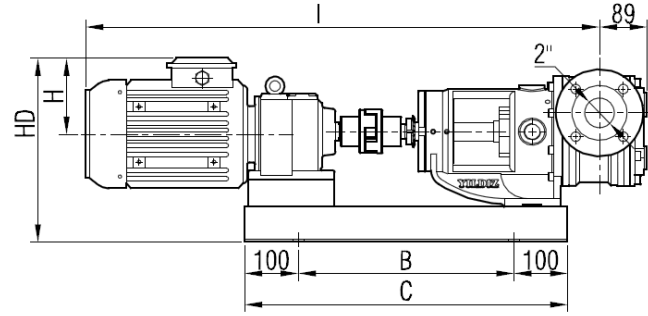
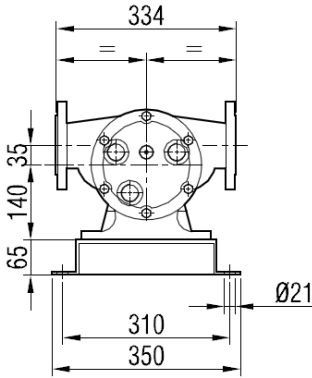
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YK 2"

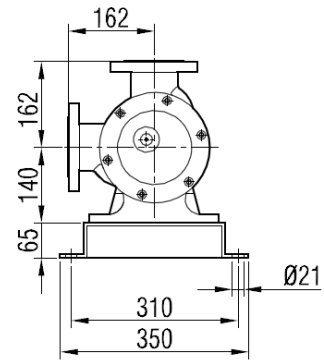


YKYF 2"



MOTOR GÜÇ VE DEVİRLERİ / MOTOR POWER AND SPEED	I	HD	H	B	C	kg.
1,5 hp / 1,1 kw	918	332	132	420	620	98
60/380 d/d(rpm) IRAM52/90S						
2 hp / 1,5 kw	943	325	141	500	700	100
90/480 d/d(rpm) IRAM52/90L						
3 hp / 2,2 kw	1001	334	149	600	800	117
50/234 d/d(rpm) IRAM62/C90L						
4 hp / 3 kw	1045	342	182	127	142	125
65/450 d/d(rpm) IRAM62/100L						
5,5 hp / 4 kw	1065	371	182	127	142	148
87/480 d/d(rpm) 7,5 hp / 5,5 kw						
IRAM62/112M						
7,5 hp / 5,5 kw	1151					
75/210 d/d(rpm) IRAM72/132S						

YKF 2"



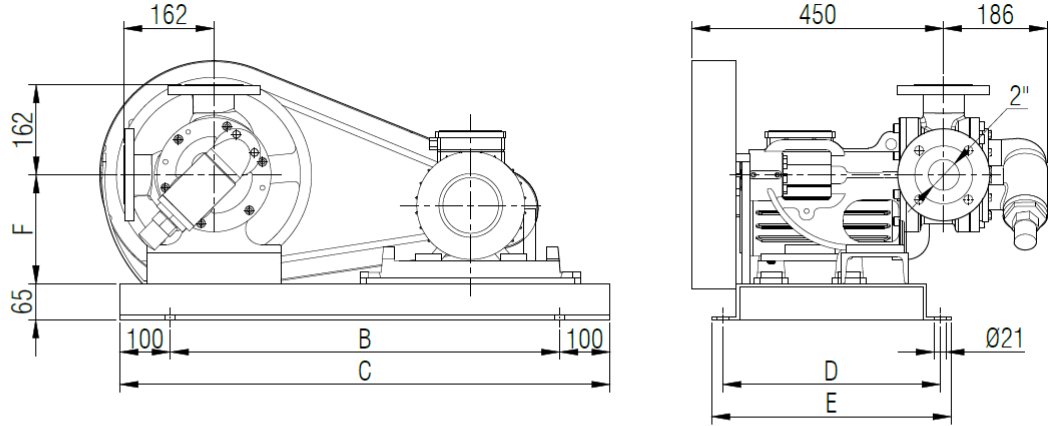


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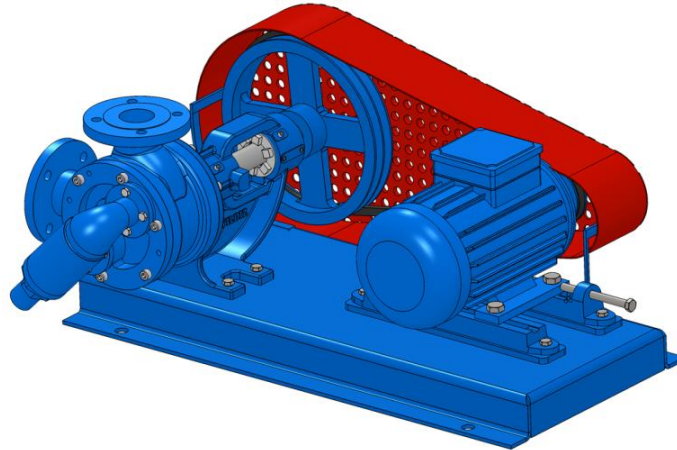


KAYIŞ KASNAK AKUPLELİ POMPA ÖLÇÜLERİ / BELT PULLEY COUPLING PUMP DIMENSIONS

YKF 2"



MOTOR GÜÇ VE DEVİRLERİ / MOTOR POWER AND SPEED		Pompa Devirleri / Pump speeds				F(1)	F(2)	F(3)	F(4)	B	C	D	E	kg.
		n1 d/d	n2 d/d	n3 d/d	n4 d/d									
3 hp / 2,2 kw	MOTOR 100L													140
4 hp / 3 kw	MOTOR 100L													150
5,5 hp / 4 kw	MOTOR 112M													155
7,5 hp / 5,5 kw	MOTOR 132S	450	400	350	310	140	195	195	250	680	880	390	430	165
10 hp / 7,5 kw	MOTOR 132M													175
15 hp / 11 kw	MOTOR 160M													230
20 hp / 15 kw	MOTOR 160L									950	1150	530	570	240



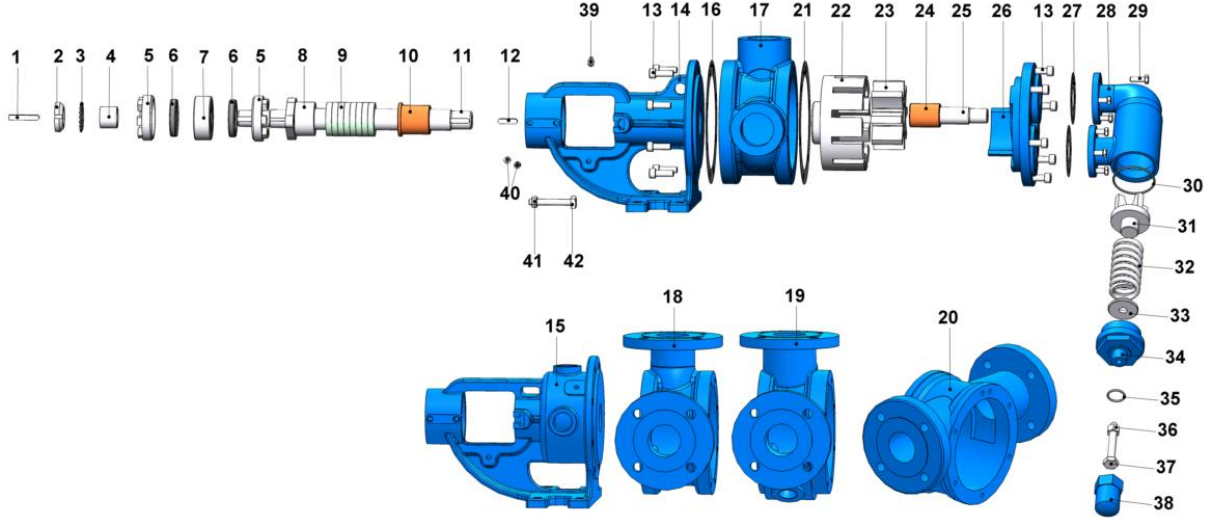


YKF 2" POMPA INTERNAL ECCENTRIC GEAR PUMP



YEDEK PARÇA LİSTESİ / SPARE PARTS LIST

YUMUŞAK SALMASTRALI VE BYPASSLI / SEALED WITH SOFT SEAL AND PRESSURE RELIEF
VALVE ON COVER



No	PARÇA İSMİ	PART NAME	ADET/ QTY.	No	PARÇA İSMİ	PART NAME	ADET/ QTY.
1	KAMA 8x7x50 AB	COUPLING KEY 8x7x50 AB	1	22	ÇEVRE DİŞLİ	ROTOR GEAR	1
2	KİLİT SOMUNU	LOCK NUT	1	23	AVARA DİŞLİ	IDLER GEAR GEAR	1
3	KİLİT SACI	LOCK WASHER	1	24	AVARA DİŞLİ BURCU	IDLER BUSHING	1
4	BİLEZİK	SPACER	1	25	KAPAK MİLİ	BYPASSED COVER PIN	1
5	AYAR SOMUNU	ADJUSTING NUT	2	26	KAPAK (BYPASSLI)	COVER (w/ BYPASS INLETS)	1
6	KEÇE Ø35xØ62x10	LIP SEAL Ø35xØ62x10	2	27	BYPASS CONTASI	BYPASS GASKET	2
7	RULMAN (2306)	BALL BEARING (2306)	1	28	BYPASS	PRESSURE RELIEF VALVE	1
8	SALMASTRA BASKISI	PACKING PRESS	1	29	6 KÖŞE CİVATA M8x25	HEX BOLT M8x25	8
9	YUMUŞAK SALMASTRA	SOFT SEAL / PACKING GLAND	1 TK.	30	BYPASS O-RİNG	BYPASS O-RING	1
10	KONSOL BURCU	BRACKET BUSHING	1	31	KLEPE	VALVE	1
11	MİL	SHAFT	1	32	YAY	SPRING	1
12	KAMA 8x7x32 A	ROTOR KEY 8x7x32 A	1	33	PUL	WASHER	1
13	IMBUS CİVATA M10x30	INBUS BOLT M10x30	14	34	BYPASS KAPAĞI	BYPASS COVER	1
14	KONSOL	BRACKET	1	35	TİJ KAPAK O-RİNG	CAP O-RING	1
15	KONSOL (CEKETLİ)	BRACKET (w/HEATING JACKET)	1	36	M12 SOMUN	NUT M12	1
16	KONSOL CONTASI	BRACKET GASKET	1	37	6 KÖŞE CİVATA M12x80	ADJUSTING SCREW M12x80	1
17	ARA GÖVDE (BORU DİŞLİ 90°)	CASING (90° THREADED PORTS)	1	38	TİJ KAPAĞI	CAP	1
18	ARA GÖVDE (FLANŞLI 90°)	CASING (90° FLANGED PORTS)	1	39	GRESÖR R3/8"	GREASING FITTING R3/8"	1
19	ARA GÖVDE (FLANŞLI CEKETLİ 90°)	CASING (90° FLANGED PORTS & w/HEATING JACKET)	1	40	SETUSKUR M10x16	GRUB SCREW M10x16	4
20	ARA GÖVDE (FLANŞLI 180°)	CASING (180° FLANGED PORTS)	1	41	M10 SOMUN	NUT M10	2
21	KAPAK CONTASI	COVER GASKET	1	42	4 KÖŞE SALMASTRA BASKI CİVATASI M10x70	SQUARE SCREW M10x70	2

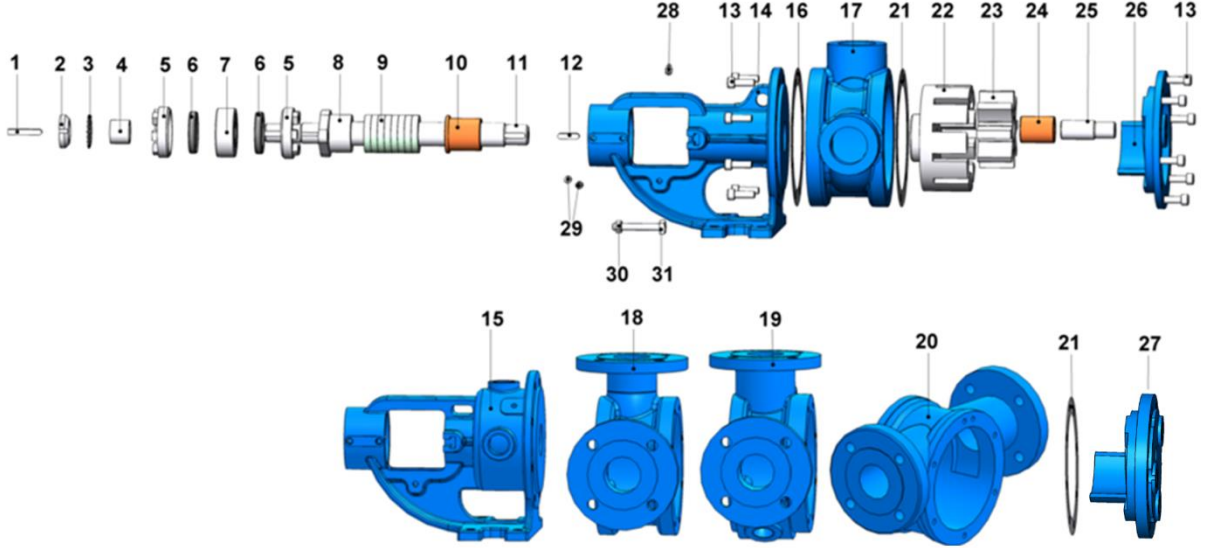


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YEDEK PARÇA LİSTESİ / SPARE PARTS LIST

YUMUŞAK SALMASTRALI, CEKETLİ VE KÖR KAPAKLI / SEALED WITH SOFT SEAL, JACKETED,
AND WITH BLIND COVER



No	PARÇA İSMİ	PART NAME	ADET/ QTY.	No	PARÇA İSMİ	PART NAME	ADET/ QTY.
1	KAMA 8x7x50 AB	COUPLING KEY 8x7x50 AB	1	17	ARA GÖVDE (BORU DİŞLİ 90°)	CASING (90° THREADED PORTS)	1
2	KİLİT SOMUNU	LOCK NUT	1	18	ARA GÖVDE (FLANŞLI 90°)	CASING (90° FLANGED PORTS)	1
3	KİLİT SACI	LOCK WASHER	1	19	ARA GÖVDE (FLANŞLI CEKETLİ 90°)	CASING (90° FLANGED PORTS & w/ HEATING JACKET)	1
4	BİLEZİK	SPACER	1	20	ARA GÖVDE (FLANŞLI180°)	CASING (180° FLANGED PORTS)	1
5	AYAR SOMUNU	ADJUSTING NUT	2	21	KAPAK CONTASI	COVER GASKET	2
6	KEÇE Ø35xØ62x10	LIP SEAL Ø35xØ62x10	2	22	ÇEVRE DİŞLİ	ROTOR GEAR	1
7	RULMAN (2306)	BALL BEARING (2306)	1	23	AVARA DİŞLİ	IDLER GEAR	1
8	SALMASTRA BASKISI	PACKING PRESS	1	24	AVARA DİŞLİ BURCU	IDLER BUSHING	1
9	YUMUŞAK SALMASTRA	SOFT SEAL / PACKING GLAND	1 TK.	25	KAPAK MİLİ	COVER PIN	1
10	KONSOL BURCU	BRACKET BUSHING	1	26	KAPAK (KÖR)	BLIND COVER	1
11	MİL	SHAFT	1	27	KAPAK (CEKETLİ)	COVER (w/ HEATING JACKET)	1
12	KAMA 8x7x32 A	ROTOR KEY 8x7x32 A	1	28	GRESÖR R3/8"	GREASING FITTING R3/8"	1
13	IMBUS CİVATA M10x30	INBUS BOLT M10x30	14	29	SETUSKUR M10x16	GRUB SCREW M10x16	4
	IMBUS CİVATA M10x35 (CEKETLİ KAPAK İÇİN)	INBUS BOLT M10x35 (FOR COVER w/HEATING JACKET)	6				
14	KONSOL	BRACKET	1	30	M10 SOMUN	NUT M10	2
15	KONSOL (CEKETLİ)	BRACKET (w/HEATING JACKET)	1	31	4 KÖŞE SALMASTRA BASKI CİVATASI M10x70	SQUARE SCREW M10x70	2
16	KONSOL CONTASI	BRACKET GASKET	1				

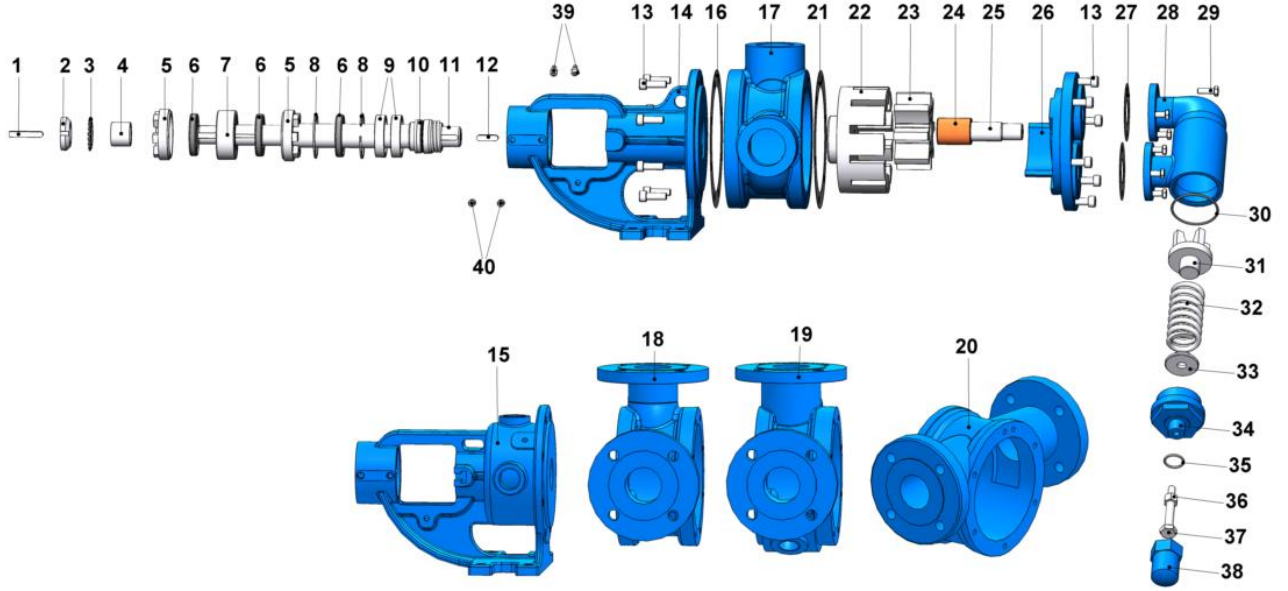


YKF 2" POMPA INTERNAL ECCENTRIC GEAR PUMP



YEDEK PARÇA LİSTESİ / SPARE PARTS LIST

MEKANİK SALMASTRALI VE BYPASSLI / SEALED WITH MECHANICAL SEAL, AND PRESSURE
RELIEF VALVE ON COVER



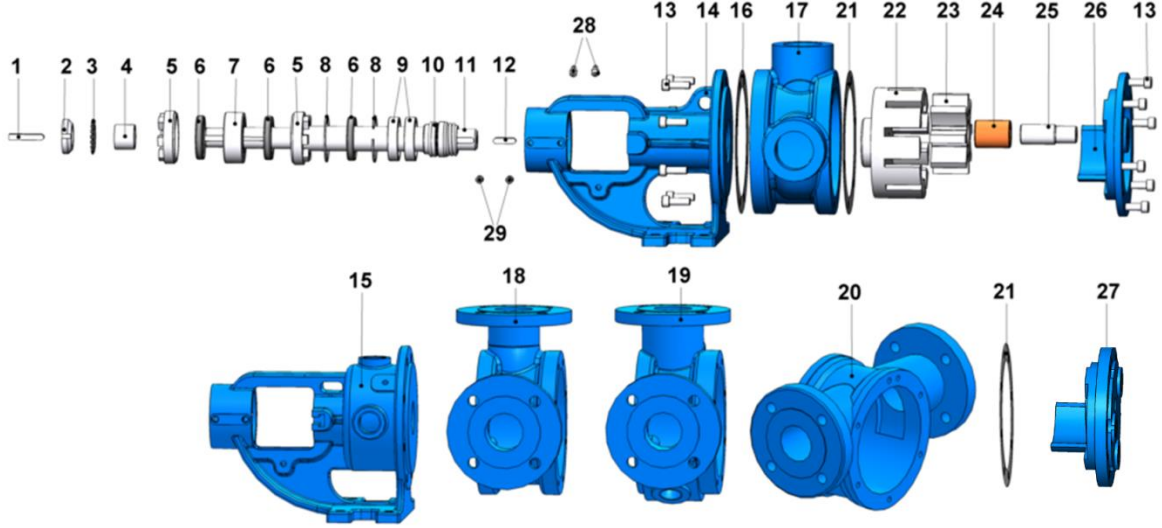
No	PARÇA İSMİ	PART NAME	ADET/ QTY.	No	PARÇA İSMİ	PART NAME	ADET/ QTY.
1	KAMA 8x7x50 AB	COUPLING KEY 8x7x50 AB	1	21	KAPAK CONTASI	COVER GASKET	1
2	KİLİT SOMUNU	LOCK NUT	1	22	ÇEVRE DİŞLİ	ROTOR GEAR	1
3	KİLİT SACI	LOCK WASHER	1	23	AVARA DİŞLİ	IDLER GEAR	1
4	BİLEZİK	SPACER	1	24	AVARA DİŞLİ BURCU	IDLER BUSHING	1
5	AYAR SOMUNU	ADJUSTING NUT	2	25	KAPAK MİLİ	BYPASSED COVER PIN	1
6	KEÇE Ø35xØ62x10	LIP SEAL Ø35xØ62x10	3	26	KAPAK (BYPASSLI)	COVER (w/ BYPASS INLETS)	1
7	RULMAN (2306)	BALL BEARING (2306)	1	27	BYPASS CONTASI	BYPASS GASKET	2
8	İÇ SEGMAN (Ø62)	INTERNAL CIRCLIP (Ø62)	2	28	BYPASS	PRESSURE RELIEF VALVE	1
9	RULMAN (6007)	BALL BEARING (6007)	2	29	6 KÖŞE CİVATA M8x25	HEX BOLT M8x25	8
10	MEKANİK SALMASTRA Ø35	MECHANICAL SEAL Ø35	1	30	BYPASS O-RING	BYPASS O-RING	1
11	MİL	SHAFT	1	31	KLEPE	VALVE	1
12	KAMA 8x7x32 A	ROTOR KEY 8x7x32 A	1	32	YAY	SPRING	1
13	IMBUS CİVATA M10x30	INBUS BOLT M10x30	14	33	PUL	WASHER	1
14	KONSOL	BRACKET	1	34	BYPASS KAPAĞI	BYPASS COVER	1
15	KONSOL (CEKETLİ)	BRACKET (w/ HEATING JACKET)	1	35	TÜJ KAPAK O-RİNG	CAP O-RING	1
16	KONSOL CONTASI	BRACKET GASKET	1	36	M12 SOMUN	NUT M12	1
17	ARA GÖVDE (BORU DİŞLİ 90°)	CASING (90° THREADED PORTS)	1	37	6 KÖŞE CİVATA M12x80	ADJUSTING SCREW M12x80	1
18	ARA GÖVDE (FLANŞLI 90°)	CASING (90° FLANGED PORTS)	1	38	TÜJ KAPAĞI	CAP	1
19	ARA GÖVDE (FLANŞLI CEKETLİ 90°)	CASING (90° FLANGED PORTS & w/ HEATING JACKET)	1	39	GRESÖR R3/8"	GREASING FITTING R3/8"	2
20	ARA GÖVDE (FLANŞLI 180°)	CASING (180° FLANGED PORTS)	1	40	SETUSKUR M10x16	GRUB SCREW M10x16	4



YKF 2" POMPA INTERNAL ECCENTRIC GEAR PUMP



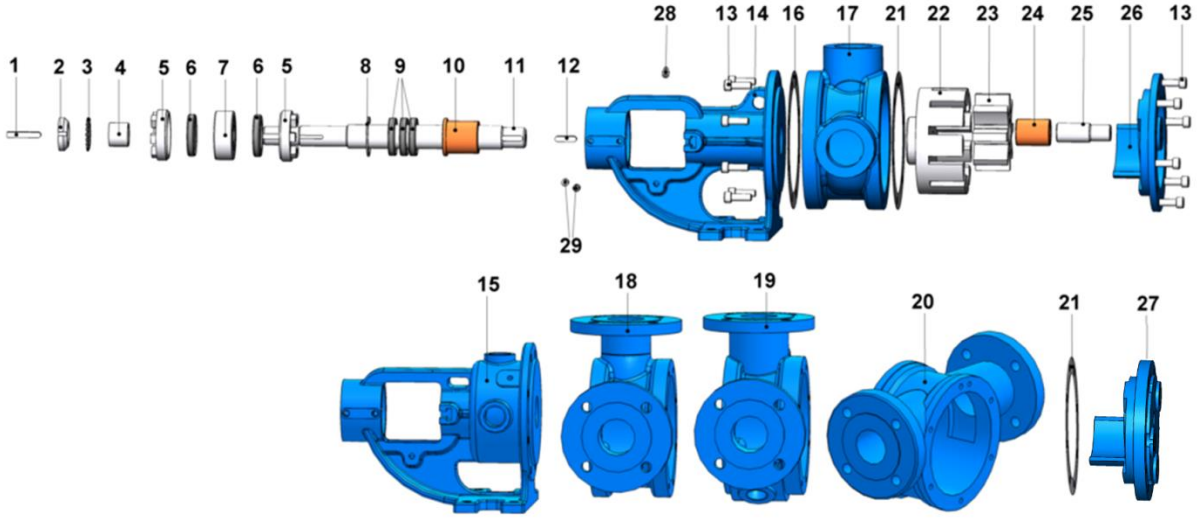
YEDEK PARÇA LİSTESİ / SPARE PARTS LIST MEKANİK SALMASTRALI, CEKETLİ VE KÖR KAPAKLI / SEALED WITH MECHANICAL SEAL, JACKETED, AND WITH BLIND COVER



No	PARÇA İSMİ	PART NAME	ADET/ QTY.	No	PARÇA İSMİ	PART NAME	ADET/ QTY.
1	KAMA 8x7x50 AB	COUPLING KEY 8x7x50 AB	1	16	KONSOL CONTASI	BRACKET GASKET	1
2	KİLİT SOMUNU	LOCK NUT	1	17	ARA GÖVDE (BORU DİŞLİ 90°)	CASING (90° THREADED PORTS)	1
3	KİLİT SACI	LOCK WASHER	1	18	ARA GÖVDE (FLANŞLI 90°)	CASING (90° FLANGED PORTS)	1
4	BİLEZİK	SPACER	1	19	ARA GÖVDE (FLANŞLI CEKETLİ 90°)	CASING (90° FLANGED PORTS & w/ HEATING JACKET)	1
5	AYAR SOMUNU	ADJUSTING NUT	2	20	ARA GÖVDE (FLANŞLI 180°)	CASING (180° FLANGED PORTS)	1
6	KEÇE Ø35xØ62x10	LIP SEAL Ø35xØ62x10	3	21	KAPAK CONTASI	COVER GASKET	2
7	RULMAN (2306)	BALL BEARING (2306)	1	22	ÇEVRE DİŞLİ	ROTOR GEAR	1
8	İÇ SEGMAN (Ø62)	INTERNAL CIRCLIP (Ø62)	2	23	AVARA DİŞLİ	IDLER GEAR	1
9	RULMAN (6007)	BALL BEARING (6007)	2	24	AVARA DİŞLİ BURCU	IDLER BUSHING	1
10	MEKANİK SALMASTRA Ø35	MECHANICAL SEAL Ø35	1	25	KAPAK MİLİ	COVER PIN	1
11	MİL	SHAFT	1	26	KAPAK (KÖR)	BLIND COVER	1
12	KAMA 8x7x32 A	ROTOR KEY 8x7x32 A	1	27	KAPAK (CEKETLİ)	COVER (w/ HEATING JACKET)	1
13	IMBUS CİVATA M10x30	INBUS BOLT M10x30	14	28	GRESÖR R3/8"	GREASING FITTING R3/8"	2
	IMBUS CİVATA M10x35 (CEKETLİ KAPAK İÇİN)	INBUS BOLT M10x35 (FOR COVER w/ HEATING JACKET)	6				
14	KONSOL	BRACKET	1	29	SETUSKUR M10x16	GRUB SCREW M10x16	4
15	KONSOL (CEKETLİ)	BRACKET (w/ HEATING JACKET)	1				



YEDEK PARÇA LİSTESİ / SPARE PARTS LIST
**KEÇELİ, CEKETLİ VE KÖR KAPAKLI / SEALED WITH LIP SEAL, JACKETED
AND WITH BLIND COVER**



No	PARÇA İSMİ	PART NAME	ADET/ QTY.	No	PARÇA İSMİ	PART NAME	ADET/ QTY.
1	KAMA 8x7x50 AB	COUPLING KEY 8x7x50 AB	1	16	KONSOL CONTASI	BRACKET GASKET	1
2	KİLİT SOMUNU	LOCK NUT	1	17	ARA GÖVDE (BORU DİŞLİ 90°)	CASING (90° THREADED PORTS)	1
3	KİLİT SACI	LOCK WASHER	1	18	ARA GÖVDE (FLANŞLI 90°)	CASING (90° FLANGED PORTS)	1
4	BİLEZİK	SPACER	1	19	ARA GÖVDE (FLANŞLI CEKETLİ 90°)	CASING (90° FLANGED PORTS & w/ HEATING JACKET)	1
5	AYAR SOMUNU	ADJUSTING NUT	2	20	ARA GÖVDE (FLANŞLI 180°)	CASING (180° FLANGED PORTS)	1
6	KEÇE Ø35xØ62x10	LIP SEAL Ø35xØ62x10	2	21	KAPAK CONTASI	COVER GASKET	1
7	RULMAN (2306)	BALL BEARING (2306)	1	22	ÇEVRE DİŞLİ	ROTOR GEAR	1
8	İÇ SEGMAN (Ø56)	INTERNAL CIRCLIP (Ø56)	1	23	AVARA DİŞLİ	IDLER GEAR	1
9	KEÇE Ø35xØ56x10	LIP SEAL Ø35xØ56x10	3	24	AVARA DİŞLİ BURCU	IDLER BUSHING	1
10	KONSOL BURCU	BRACKET BUSHING	1	25	KAPAK MİLİ	COVER PIN	1
11	MİL	SHAFT	1	26	KAPAK (KÖR)	BLIND COVER	1
12	KAMA 8x7x32 A	ROTOR KEY 8x7x32 A	1	27	KAPAK (CEKETLİ)	COVER (w/ HEATING JACKET)	1
13	IMBUS CİVATA M10x30	INBUS BOLT M10x30	14	28	GRESÖR R3/8"	GREASING FITTING R3/8"	1
	IMBUS CİVATA M10x35 (CEKETLİ KAPAK İÇİN)	INBUS BOLT M10x35 (FOR COVER w/HEATING JACKET)	6	29	SETUSKUR M10x16	GRUB SCREW M10x16	4
14	KONSOL	BRACKET	1				
15	KONSOL (CEKETLİ)	BRACKET (w/HEATING JACKET)	1				

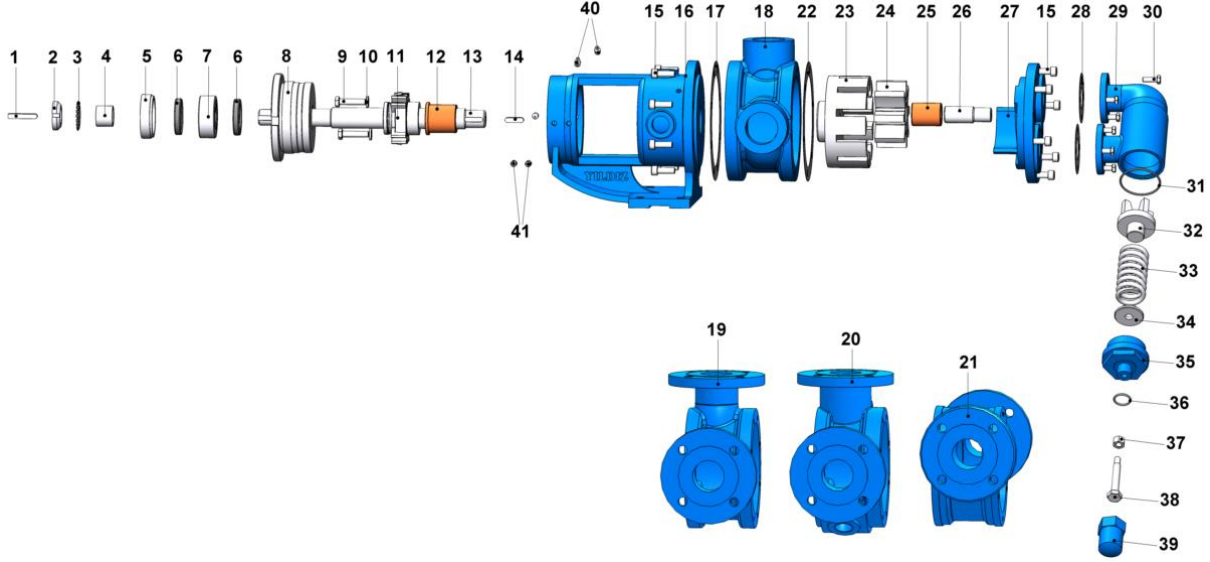


YKF 2" POMPA INTERNAL ECCENTRIC GEAR PUMP



YEDEK PARÇA LİSTESİ / SPARE PARTS LIST

KARTEXLİ VE BYPASSLI / SEALED WITH CARTEX MECHANICAL SEAL, AND PRESSURE RELIEF VALVE ON COVER



No	PARÇA İSMİ	PART NAME	ADET/ QTY.	No	PARÇA İSMİ	PART NAME	ADET/ QTY.
1	KAMA 8x7x50 AB	COUPLING KEY 8x7x50 AB	1	22	KAPAK CONTASI	COVER GASKET	1
2	KİLİT SOMUNU	LOCK NUT	1	23	ÇEVRE DİŞLİ	ROTOR GEAR	1
3	KİLİT SACI	LOCK WASHER	1	24	AVARA DİŞLİ	IDLER GEAR	1
4	BİLEZİK	SPACER	1	25	AVARA DİŞLİ BURCU	IDLER BUSHING	1
5	AYAR SOMUNU	ADJUSTING NUT	1	26	KAPAK MİLİ	BYPASSED COVER PIN	1
6	KEÇE Ø35xØ62x10	LIP SEAL Ø35xØ62x10	2	27	KAPAK (BYPASSLI)	COVER (w/ BYPASS INLETS)	1
7	RULMAN (2306)	BALL BEARING (2306)	1	28	BYPASS CONTASI	BYPASS GASKET	2
8	TAMBUR	PULLEY	1	29	BYPASS	PRESSURE RELIEF VALVE	1
9	6 KÖŞE CİVATA M10x45	HEX BOLT M10x45	2	30	6 KÖŞE CİVATA M8x25	HEX BOLT M8x25	8
10	M10 PUL	M10 WASHER	2	31	BYPASS O-RING	BYPASS O-RING	1
11	CARTEX SALMASTRA Ø35	CARTEX SEAL Ø35	1	32	KLEPE	VALVE	1
12	KONSOL BURCU	BRACKET BUSHING	1	33	YAY	SPRING	1
13	MİL	SHAFT	1	34	PUL	WASHER	1
14	KAMA 8x7x32 A	ROTOR KEY 8x7x32 A	1	35	BYPASS KAPAĞI	BYPASS COVER	1
15	IMBUS CİVATA M10x30	INBUS BOLT M10x30	14	36	TİJ KAPAK O-RİNG	CAP O-RING	1
16	KONSOL (CARTEX CEKETLİ)	BRACKET (JACKETED & w/ CARTEX)	1	37	M12 SOMUN	NUT M12	1
17	KONSOL CONTASI	BRACKET GASKET	1	38	6 KÖŞE CİVATA M12x80	ADJUSTING SCREW M12x80	1
18	ARA GÖVDE (BORU DİŞLİ 90°)	CASING (90° THREADED PORTS)	1	39	TİJ KAPAĞI	CAP	1
19	ARA GÖVDE (FLANŞLI 90°)	CASING (90° FLANGED PORTS)	1	40	GRESÖR R3/8"	GREASING FITTING R3/8"	2
20	ARA GÖVDE (FLANŞLI CEKETLİ 90°)	CASING (90° FLANGED PORTS & w/ HEATING JACKET)	1	41	SETUSKUR M10x16	GRUB SCREW M10x16	4
21	ARA GÖVDE (FLANŞLI 180°)	CASING (180° FLANGED PORTS)	1				

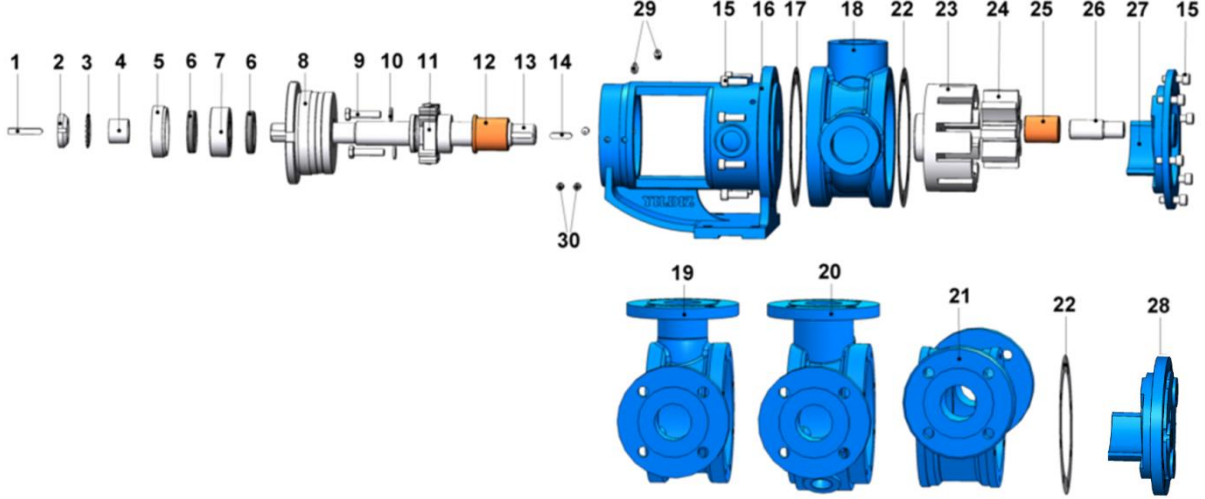


YKF 2" POMPA INTERNAL ECCENTRIC GEAR PUMP



YEDEK PARÇA LİSTESİ / SPARE PARTS LIST

KARTEXLİ VE CEKETLİ KÖR KAPAKLI / SEALED WITH CARTEX MECHANICAL SEAL, JACKETED
AND WITH BLIND COVER



No	PARÇA İSMİ	PART NAME	ADET/ QTY.	No	PARÇA İSMİ	PART NAME	ADET/ QTY.
1	KAMA 8x7x50 AB	COUPLING KEY 8x7x50 AB	1	16	KONSOL (CARTEX CEKETLİ)	BRACKET (JACKETED & w/ CARTEX)	1
2	KİLİT SOMUNU	LOCK NUT	1	17	KONSOL CONTASI	BRACKET GASKET	1
3	KİLİT SACI	LOCK WASHER	1	18	ARA GÖVDE (BORU DİŞLİ 90°)	CASING (90° THREADED PORTS)	1
4	BİLEZİK	SPACER	1	19	ARA GÖVDE (FLANŞLI 90°)	CASING (90° FLANGED PORTS)	1
5	AYAR SOMUNU	ADJUSTING NUT	1	20	ARA GÖVDE (FLANŞLI CEKETLİ 90°)	CASING (90° FLANGED PORTS & w/ HEATING JACKET)	1
6	KEÇE Ø35xØ62x10	LIP SEAL Ø35xØ62x10	2	21	ARA GÖVDE (FLANŞLI 180°)	CASING (180° FLANGED PORTS)	1
7	RULMAN (2306)	BALL BEARING (2306)	1	22	KAPAK CONTASI	COVER GASKET	1
8	TAMBUR	PULLEY	1	23	ÇEVRE DİŞLİ	ROTOR GEAR	1
9	6 KÖŞE CİVATA M10x45	HEX BOLT M10x45	2	24	AVARA DİŞLİ	IDLER GEAR	1
10	M10 PUL	M10 WASHER	2	25	AVARA DİŞLİ BURCU	IDLER BUSHING	1
11	CARTEX SALMASTRA Ø35	CARTEX SEAL Ø35	1	26	KAPAK MİLİ	COVER PIN	1
12	KONSOL BURCU	BRACKET BUSHING	1	27	KAPAK (KÖR)	BLIND COVER	1
13	MİL	SHAFT	1	28	KAPAK (CEKETLİ)	COVER (w/ HEATING JACKET)	1
14	KAMA 8x7x32 A	ROTOR KEY 8x7x32 A	1	29	GRESÖR R3/8"	GREASING FITTING R3/8"	2
15	IMBUS CİVATA M10x30	INBUS BOLT M10x30	14	30	SETUSKUR M10x16	GRUB SCREW M10x16	4
	IMBUS CİVATA M10x35 (CEKETLİ KAPAK İÇİN)	INBUS BOLT M10x35 (FOR COVER w/HEATING JACKET)	6				

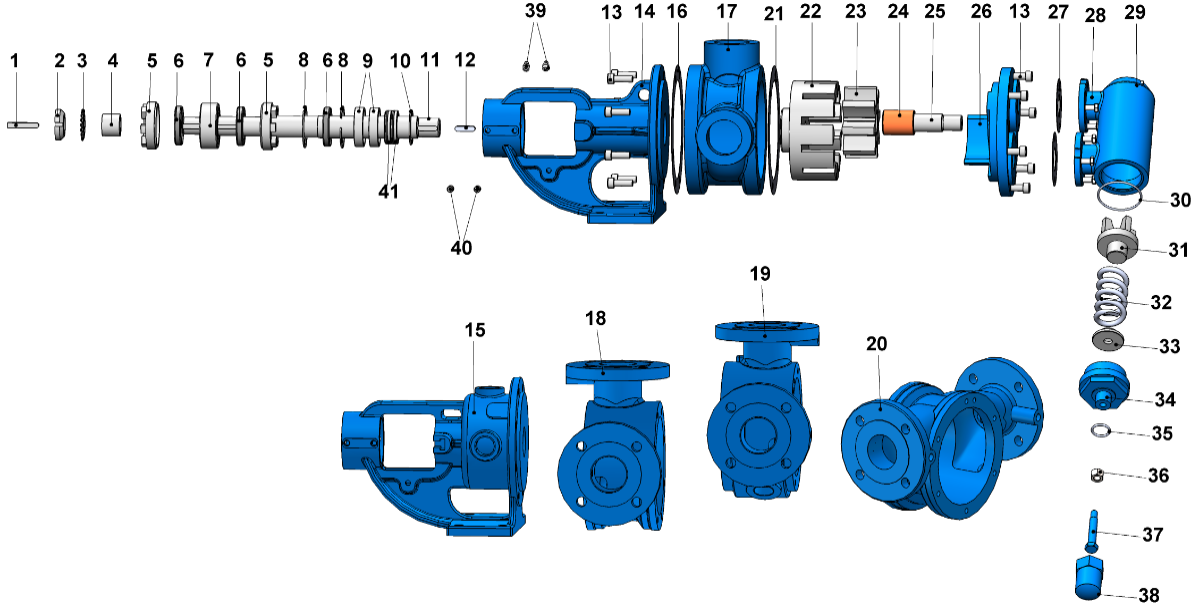


YKF 2" POMPA INTERNAL ECCENTRIC GEAR PUMP



YEDEK PARÇA LİSTESİ / SPARE PARTS LIST

CHESTERTON KEÇELİ VE BYPASSLI / SEALED WITH CHESTERTON LIP SEAL AND PRESSURE
RELIEF VALVE ON COVER



No	PARÇA İSMİ	PART NAME	ADET/ QTY.	No	PARÇA İSMİ	PART NAME	ADET/ QTY.
1	KAMA 8x7x50 AB	COUPLING KEY 8x7x50 AB	1	22	ÇEVRE DİŞLİ	ROTOR GEAR	1
2	KİLİT SOMUNU	LOCK NUT	1	23	AVARA DİŞLİ	IDLER GEAR	1
3	KİLİT SACI	LOCK WASHER	1	24	AVARA DİŞLİ BURCU	IDLER BUSHING	1
4	BİLEZİK	SPACER	1	25	KAPAK MİLİ	BYPASSED COVER PIN	1
5	AYAR SOMUNU	ADJUSTING NUT	2	26	KAPAK (BYPASSLI)	COVER (w/ BYPASS INLETS)	1
6	KEÇE $\phi 35 \times \phi 62 \times 10$	LIP SEAL $\phi 35 \times \phi 62 \times 10$	3	27	BYPASS CONTASI	BYPASS GASKET	2
7	RULMAN (2306)	BALL BEARING (2306)	1	28	BYPASS	PRESSURE RELIEF VALVE	1
8	İÇ SEGMAN ($\phi 62$)	INTERNAL CIRCLIP ($\phi 62$)	2	29	6 KÖŞE CİVATA M8x25	HEX BOLT M8x25	8
9	RULMAN (6007)	BALL BEARING (6007)	2	30	BYPASS O-RİNG	BYPASS O-RING	1
10	İÇ SEGMAN ($\phi 53$)	INTERNAL CIRCLIP ($\phi 53$)	1	31	KLEPE	VALVE	1
11	MİL	SHAFT	1	32	YAY	SPRING	1
12	KAMA 8x7x32 A	ROTOR KEY 8x7x32 A	1	33	PUL	WASHER	1
13	IMBUS CİVATA M10x30	INBUS BOLT M10x30	14	34	BYPASS KAPAĞI	BYPASS COVER	1
14	KONSOL	BRACKET	1	35	TİJ KAPAK O-RİNG	CAP O-RING	1
15	KONSOL (CEKETLİ)	BRACKET (w/ HEATING JACKET)	1	36	M12 SOMUN	NUT M12	1
16	KONSOL CONTASI	BRACKET GASKET	1	37	6 KÖŞE CİVATA M12x80	ADJUSTING SCREW M12x80	1
17	ARA GÖVDE (BORU DİŞLİ 90°)	CASING (90° THREADED PORTS)	1	38	TİJ KAPAĞI	CAP	1
18	ARA GÖVDE (FLANŞLI 90°)	CASING (90° FLANGED PORTS)	1	39	GRESÖR R3/8"	GREASING FITTING R3/8"	2
19	ARA GÖVDE (FLANŞLI CEKETLİ 90°)	CASING (90° FLANGED PORTS & w/ HEATING JACKET)	1	40	SETUSKUR M10x16	GRUB SCREW M10x16	4
20	ARA GÖVDE (FLANŞLI 180°)	CASING (180° FLANGED PORTS)	1	41	CHESTERTON KEÇE $\phi 35 \times \phi 53 \times 10$	CHESTERTON LIP SEAL $\phi 35 \times \phi 53 \times 10$	2
21	KAPAK CONTASI	COVER GASKET	1				