

# Hidrostatik Varyatörler - Teknik Özellikler

## Hydrostatic Variators - Technical features



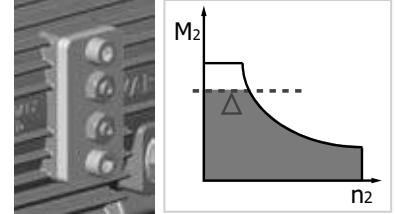
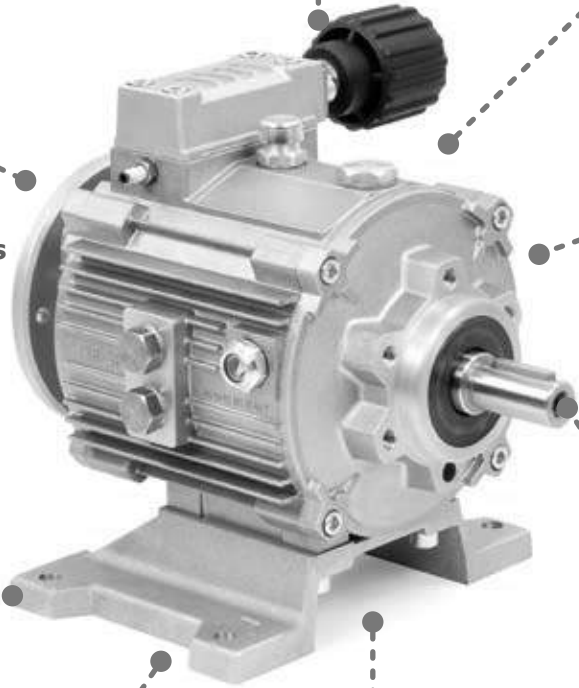
**HIZ KONTROL**  
**SPEED CONTROL**  
**Geniş aralıkta kontrol**  
**Wide range controls.**



**HIZ SAYACI**  
**SPEED INDICATOR**



**GİRİŞ / INPUT**  
**İki yönde dönüş**  
**B5 ve B14 Giriş imkanı**  
**Rotation on both directions**  
**B5 and B14 available**  
**flanges.**



**TORK KONTROLÜ**  
**TORQUE CONTROL**  
**Ayarlanabilir**  
**Adjustable**



1450-0-1450 d/d

**ÇIKIŞ / OUTPUT**  
**İki yönde dönüş**  
**B5 çıkış flanşı**  
**Both directions**  
**B5 available flanges**

**AYAK / FEET**  
**Çıkarılabilir**  
**Removable**



Mekanik varyatörlere adapte edilebilir ayak  
Adaptable to mechanical variator



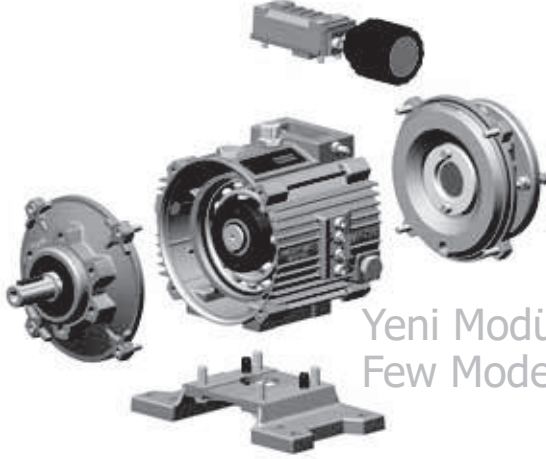
**ATEX**  
**Grup II**  
**Group II**

**B3-B6-B7** **MONTAJ POZİSYONU**  
**V5-V6** **MOUNTING POSITION**  
**Evrensel**  
**Universal**

- ▶ Motor 1400d/d'da dönerken 0 d/d çıkış imkanı.
- ▶ Uzun çalışma ömründen sonra bile hızı iyi ayarlayabilme
- ▶ Motor çalışmazken hız ayarı yapılabilme imkanı
- ▶ Zero output rpm with motor rotating at 1400 rpm.
- ▶ Fine adjustment of speed, even after long running life.
- ▶ Speed setting is possible with motor off.

**1450-0-1450 d/d**  
tork kontrolü ile  
with torque control

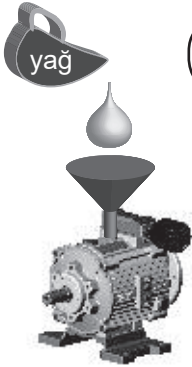
## Distribütörler için esneklik / Full flexibility for distributors



Yeni Modüller  
Few Models

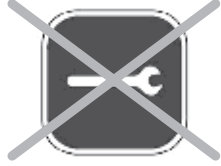
Motor (4 Kutup) Motor (4 poles)		Önceki varyatör tipi Previous variator size	YENİ varyatör tipi NEW variator size
[kW]	Gövde		
0.37	71 B5	A2 or 11	K2
0.37	71 B14	mevcut değil / not available	K2
0.75	80 B5	A4 or 12	K2
0.75	80 B14	mevcut değil / not available	K2
1.1	90 B5	A8 or 13	K4
1.1	90 B14	mevcut değil / not available	K4
1.5	90 B5	A8 or 13	K4
1.5	90 B14	mevcut değil / not available	K4
2.2	100 B5	A10 or 14	K5
3	100 B5	A10	K5
4	112 B5	A12	K5

## Güvenilir ve Uzun Ömürlü / Reliability and long life



yağ

Sürtünmesiz çalışma / No friction at all inside the gears



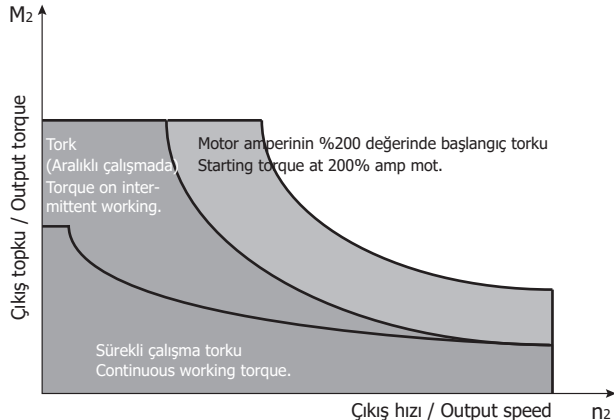
Kolay bakım: Her 2000 saatte bir yağ değişimi

The variator needs a simple maintenance: change the oil every 2000 hours.

## Yüksek kalite işçilik ve parçalar / High Quality machining and parts

Gövde Housing	Yağ kaçaıklarını önlemek için doymuş alüminyum gövde Aluminium, impregnated to prevent leaks.	EN AB-46100
Burçlar Bushings	Santrifüj bronz burçlar. Centrifuged bronze.	GCuSn12 UNI7013
Pistonlar Pistons	Soğuk çalışma takım çeliğinden mamül ısıtılmış pistonlar Tool steel, cold working. With heat treatment.	
Keçeler Seals	Bütün millerde Freudenberg keçeler Freudenberg seals on all shafts.	
Vidalar Screws	Galvanizli vidalar. Galvanized screws.	
Test Test	Teslimattan önce her varyatör yük altında test edilir. Every variator is tested with load before shipment.	

## Performans / Performances



Yüksek başlangıç torku	High starting torque
Düşük hızda yüksek tork	High torque at low speed
Sıfır d/d'ya inebilen çıkış devri	Go down to zero rpm
Yüksek hız aralığı (1/35)	High speed range (1/35)
Motor dururken hız ayarlama	Speed adjustment with motor off
Basit tork kontrolü	Simple torque control
Çift çıkış yönü	Both output directions

## MODULER MONTAJ SİSTEMİ/MODULAR MOUNTING SYSTEM

K2-K4-K5 varyatörler modüler ürünler olup, motor gücüne göre ana varyatör tipi seçildikten sonra çeşitli giriş flanşı için çeşitli kitler (B5 veya B14 motor flanşı), değişik çapta çıkış mil çapı, ayak ve hız kontrol ekipmanlarından her biri eklenebilir.

The K2-K4-K5 variator is a modular product: you choose the power modular base and then add different kits of input, output, feet and speed control.

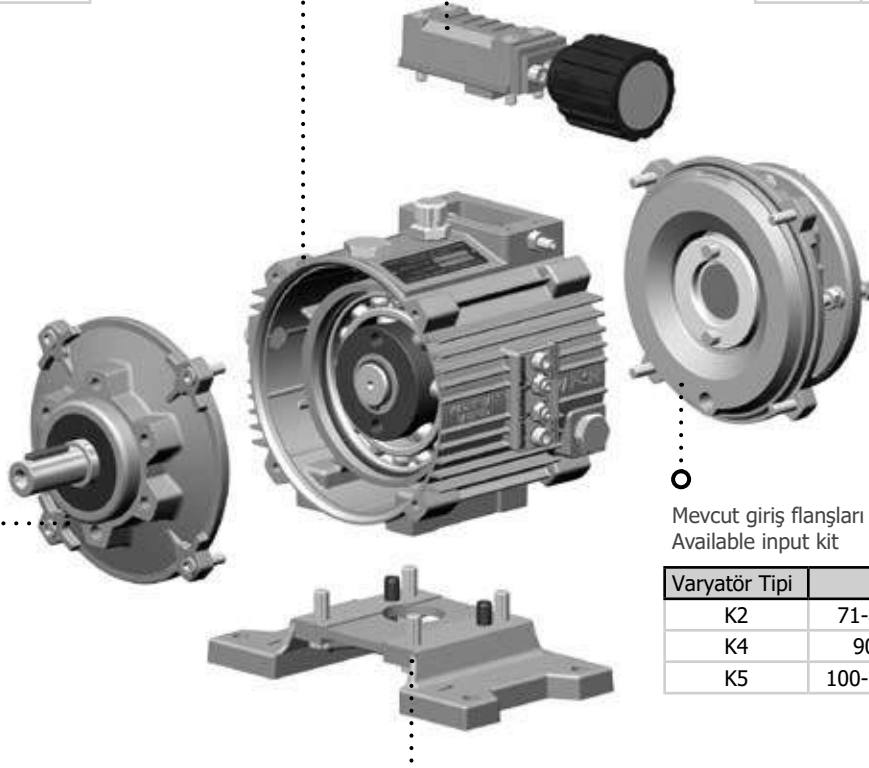
### K2-K4-K5 MODÜLER SİSTEM

Modulo Base di Potenza  
Power modular base

Varyatör Tipi	[kW]
K2	0.37/0.75
K4	1.1/1.5
K5	2.2/3/4

Hız Kontrol  
Speed control

Tip	Tanım
Cod.00	Elle ayar kolu/Handwheel
Cod.02	Kol ile ayar/Lever
Cod.20	Elektrikli Kontrol/Electric



Mevcut giriş flanşları  
Available input kit

Varyatör Tipi	Motor Flanşı	
K2	71-80 B5	71-80 B14
K4	90 B5	90 B14
K5	100-112 B5	-

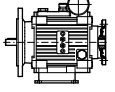
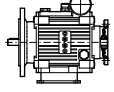

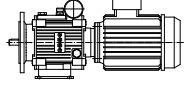
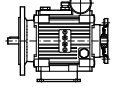
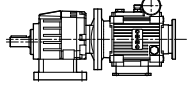
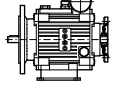
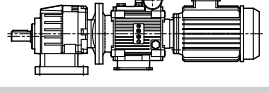

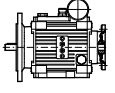
Mevcut çıkış flanşları  
Available output kit

Varyatör Tipi	Çıkış Mil Çapı Ø	Çıkış Flanşı
K2	14/19	71-80 B5
K4	24/28	90 B5
K5	28	100-112 B5




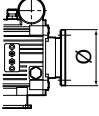
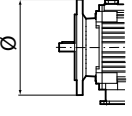
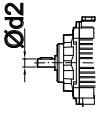
Mevcut ayak kitleri  
Available Feet kit

Varyatör Tipi	Ayak Tipi
K2	A2
	A4
	11
	12
K4	A8
	13
K5	A10-A12
	14

## NASIL SİPARİŞ EDİLİR / HOW TO ORDER

Tip Type	Model Size (modular base)	Hız Kontrolü Speed control
<b>11</b>	<b>K2</b>	<b>/000/</b>
 <b>11</b> Giriş Flanşı With input flange	 <b>K2</b> 0.37 - 0.75 kW Eski A2-A4-11-12	 Elle Kontrol Handwheel
 <b>21</b> Motor + Varyatör Motor+variator	 <b>K4</b> 1.1 - 1.5 kW Eski A8-13	
 <b>31</b> Varyatör + Redüktör Variator+reducer	 <b>K5</b> 2.2 - 3 - 4 kW Eski A10-A12-14	
 <b>41</b> Motor+varyatör+redüktör Mot+variator+reducer		
 <b>10</b> Erkek giriş milli varyatör Male input shaft		
 <b>51</b> Ayaksız varyatör Variator without feet		

## NASIL SİPARİŞ EDİLİR / HOW TO ORDER

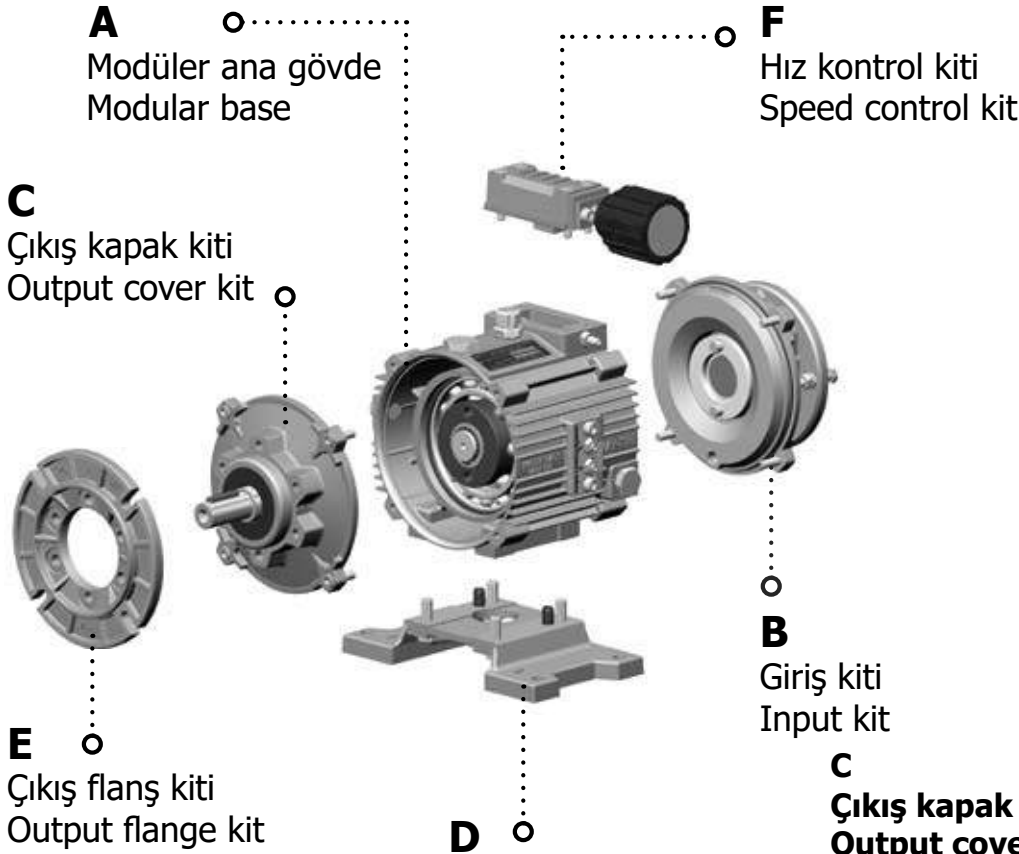
Ayak Feet	Aksesuar Devices	Giriş Flanş Çapı Input flange	Çıkış Flanş Çapı Output flange	Çıkış Mil Çapı Output Shaft																																																																					
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Varyatör istek üzerine Atex talimatına göre gönderilebilir.

On request we can deliver our products according to the Atex Directive.



## KİT KODLARI / KIT CODES



### A Modüler ana gövde Modular base

Motor [kW]	Tip	Kod
0.37	K2	K2MODBASE
0.55		
0.75		
1.1	K4	K4MODBASE
1.5		
2.2	K5	K5MODBASE
3		
4		

4 kutuplu motor / 4 poles motor

### B Giriş kiti (motor flanşı) Input kit (motor flange)

Uygun  
Available on

Ebat	Kit Kodu	K2	K4	K5
71 B5	K2KITENT71B5	✓		
71 B14	K2KITENT71B14	✓		
80 B5	K2KITENT80B5	✓		
80 B14	K2KITENT80B14	✓		
90 B5	K4KITENT90B5		✓	
90 B14	K4KITENT90B14		✓	
100 B5	K5KITENT			✓
112 B5				✓

### D Ayak kiti Feet kit

Uygun  
Available on

Tip	Kit Kodu	K2	K4	K5
A2	K2PIEDIA2	✓		
A4	K2PIEDIA4	✓		
A8	K4PIEDIA8		✓	
A10	K5PIEDIA10			✓
A12	K5PIEDIA10			✓
11	K2PIEDI11	✓		
12	K2PIEDI12	✓		
13	K4PIEDI13		✓	
14	K5PIEDI14			✓

### C Çıkış kapak kiti Output cover kit

Uygun  
Available on

Kit coperchio uscita/Output cover kit				
Mil / shaft Ø [mm]	Kit kodu	K2	K4	K5
14	K2KITUSCD14	✓		
19	K2KITUSCD19	✓		
22	K2KITUSCD22	✓		
24	K4KITUSCD24		✓	
28	K5KITUSCD28		✓	✓
Kit coperchio uscita con flangia/ Output cover Kit with flange				
Ebat	Kit kodu	K2	K4	K5
71 B5	K2KITUSC71B5	✓		
80 B5	K2KITUSC80B5	✓		
90 B5	K4KITUSC90B5		✓	
100 B5	K5KITUSC100B5			✓
112 B5				✓

### E Çıkış flanş kiti Output flange kit

Uygun  
Available on

Tip	Kit Kodu	K2	K4	K5
71 B5	K2KITFLU71B5	✓		
80 B5	K2KITFLU80B5	✓		
90 B5	K4KITFLU90B5		✓	
100 B5	K5KITFLU100B5			✓
112 B5				✓

### F Hız kontrol kiti Speed control kit

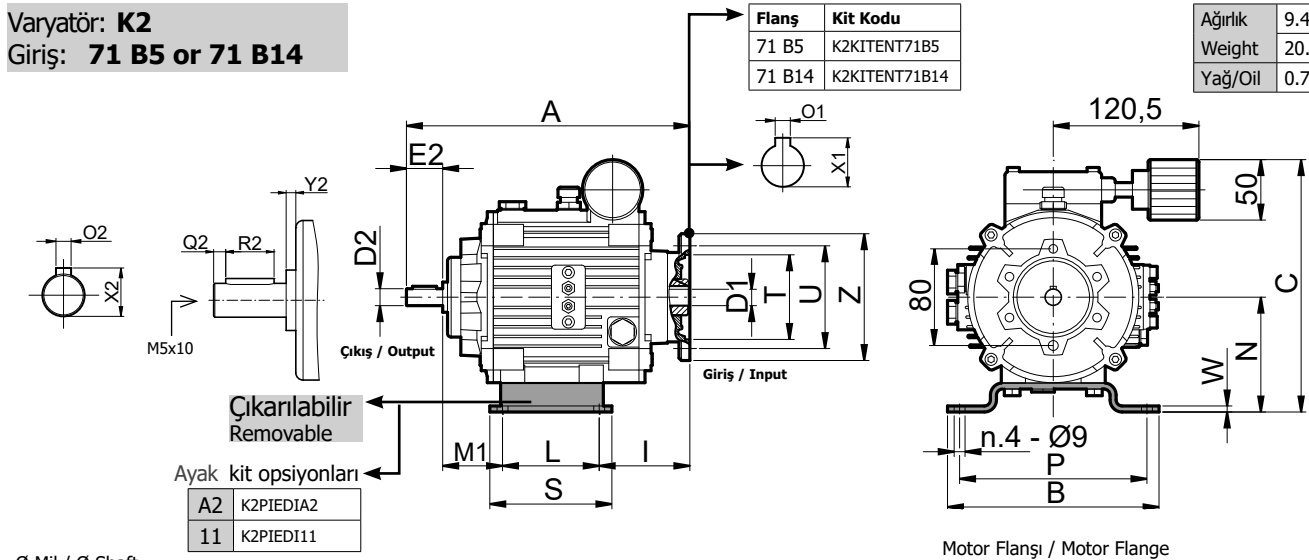
Tip	Tanım / Description	Kit Kodu
00	Elle ayar kolu / Handwheel	K2COM00
02	Kol ile ayar / Lever	K2COM02
20	Elek.Kont. 3-faz/ 3-phase	K2COM20T
20	Elek.Kont. 1-faz/ 1-phase	K2COM20M

# ÖLÇÜLER / DIMENSIONS

# 0.37kW K2

Varyatör: **K2**  
Giriş: **71 B5 or 71 B14**

Ağırlık	9.4 kg
Weight	20.7 lbs
Yağ/Oil	0.7 lt.



Flanş	Kit Kodu
71 B5	K2KITENT71B5
71 B14	K2KITENT71B14

Ayak kit opsiyonları	
A2	K2PIEDIA2
11	K2PIEDI11

Ø Mil / Ø Shaft

Çıkış/Output	D2	O2	X2	-
Standart	Ø14 j6	5	16	-
Özel	Ø19 j6	6	21.5	-
Özel	Ø22 j6	6	24.5	-
Giriş / Input	D1	O1	X1	X3
Standart	Ø14 F7	5	16.3	16
Özel	Ø19 F7	6	21.8	21.5

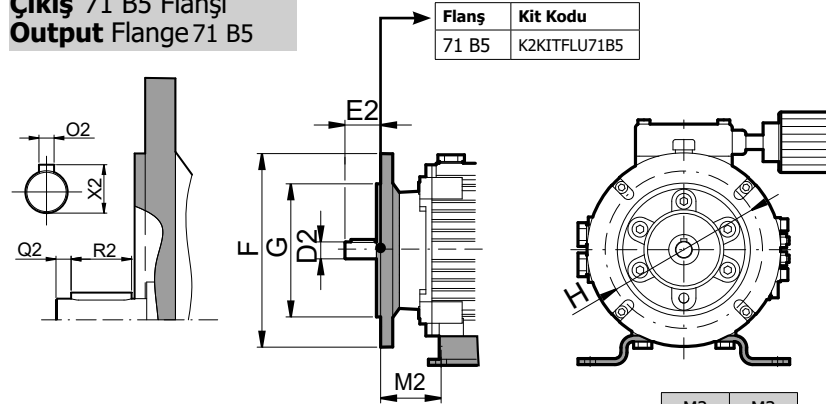
E2	Q2	R2	W	Y2
30	5	20	5	4

Motor Flanşı / Motor Flange

71 B14			71 B5		
T	U	Z	T	U	Z
70	85	105	110	130	160

	A	B	C	I	L	M1	N	P	S	
Ayak Feet	A2	235	165	197	93.8	68	43.2	83	145	90
	11	235	175	209	75	80	50	95	155	101

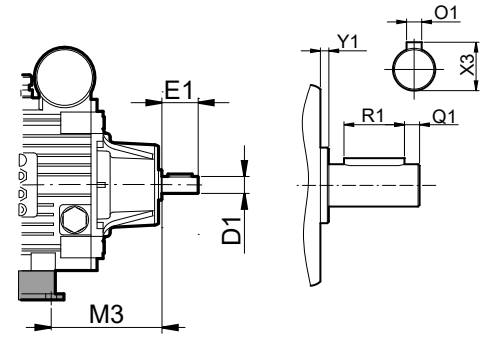
Çıkış 71 B5 Flanşı  
Output Flange 71 B5



E2	F	G	H	Q2	R2
30	160	110	130	5	20

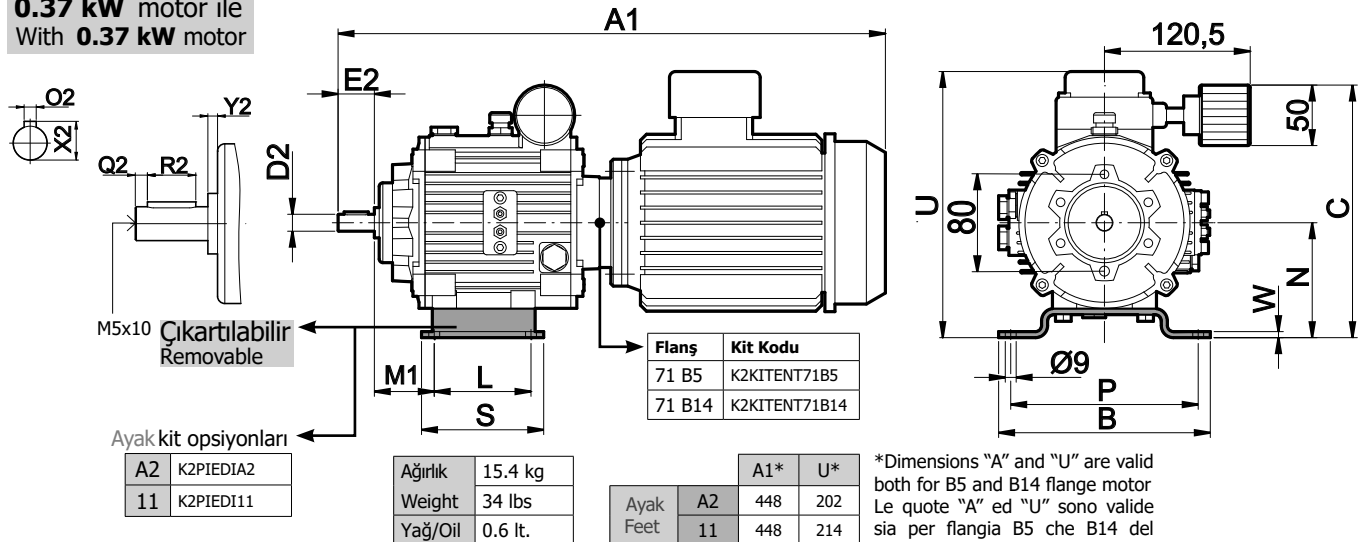
	M2	M3	
Ayak Feet	A2	43.2	110.3
	11	50	91.5

Erkek Giriş Mili  
Male input shaft



E1	Q1	R1	Y1
30	5	20	2.8

0.37 kW motor ile  
With 0.37 kW motor



Flanş	Kit Kodu
71 B5	K2KITENT71B5
71 B14	K2KITENT71B14

Ayak kit opsiyonları	
A2	K2PIEDIA2
11	K2PIEDI11

Ağırlık	15.4 kg
Weight	34 lbs
Yağ/Oil	0.6 lt.

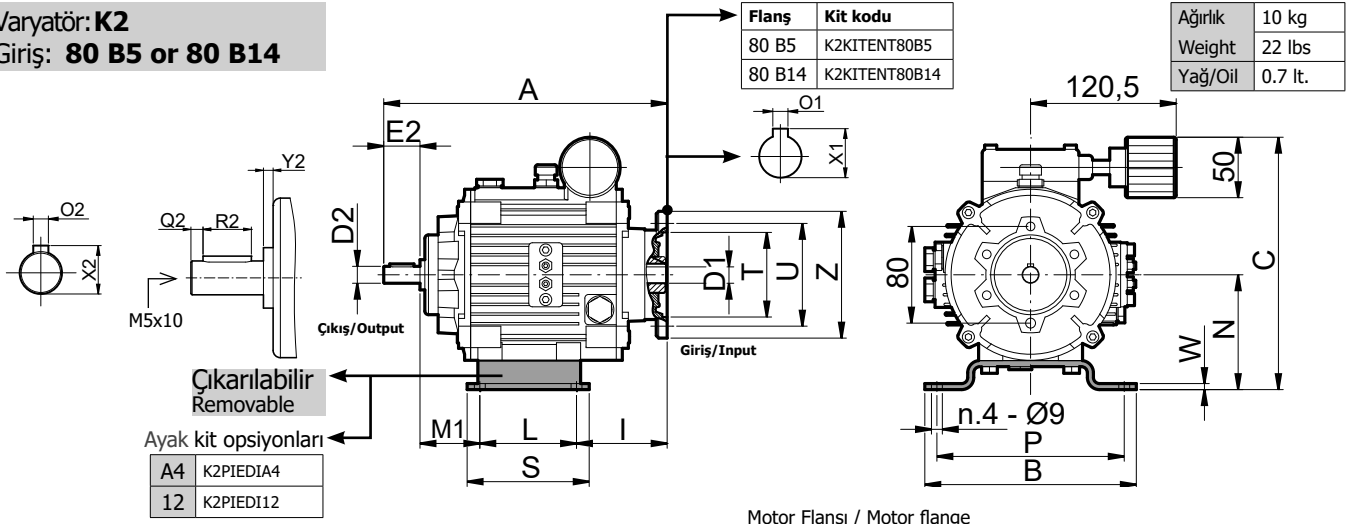
	A1*	U*	
Ayak Feet	A2	448	202
	11	448	214

\*Dimensions "A" and "U" are valid both for B5 and B14 flange motor  
Le quote "A" ed "U" sono valide sia per flangia B5 che B14 del motore

# K2 0.75kW

## ÖLÇÜLER / DIMENSIONS

Varyatör: K2  
Giriş: 80 B5 or 80 B14



Ø Mil / Ø shaft

Çıkış / Output	D2	O2	X2	-
Standart	Ø19 j6	6	21.5	-
Özel	Ø14 j6	5	16	-
Özel	Ø22 j6	6	24.5	-
Giriş / Input	D1	O1	X1	X3
Standart	Ø19 F7	6	21.8	21.5
Özel	Ø14 F7	5	16.3	16

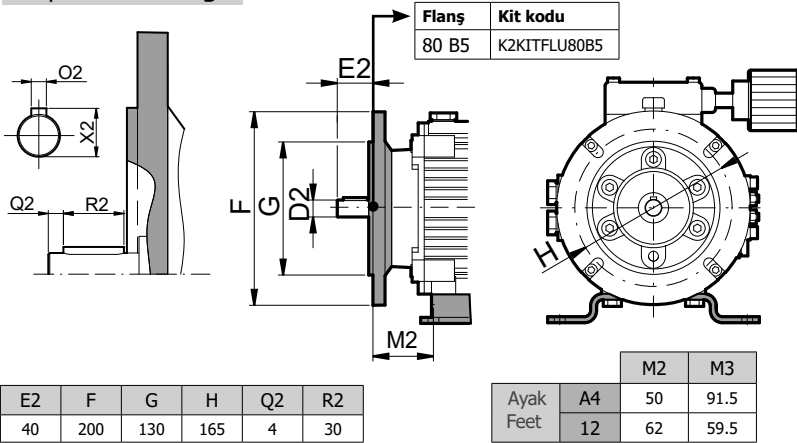
E2	Q2	R2	W	Y2
40	4	30	13	4

Motor Flanşı / Motor flange

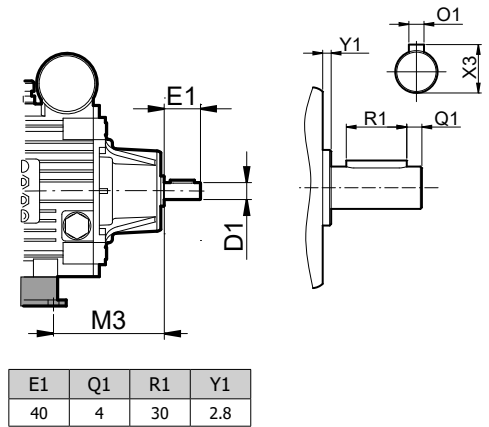
Ayak Feet	80 B14					80 B5				
	A	I	T	U	Z	A	I	T	U	Z
A4	246	76	80	100	120	247	77	130	165	200
12	246	44	80	100	120	247	45	130	165	200

Ayak Feet	B	C	L	M1	N	P	S
	A4	192	215.8	80	50	102	170
12	187	223.8	100	62	110	165	132

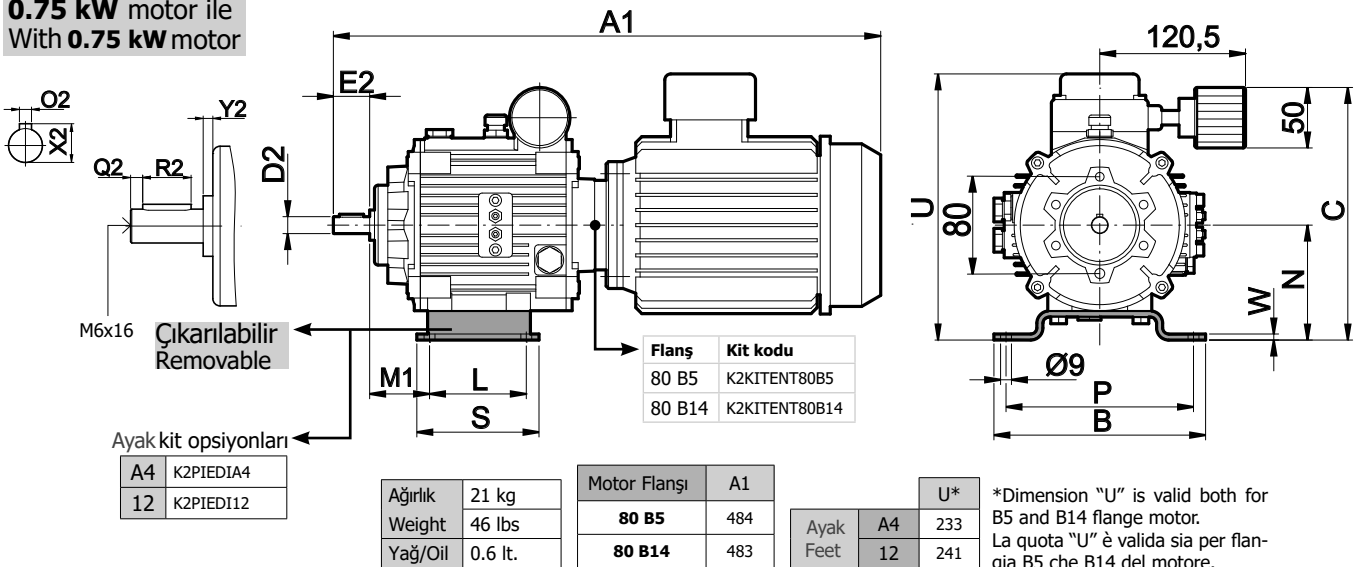
Çıkış 80 B5 Flanş  
Output 80 B5 Flange



Erkek giriş mili  
Male input shaft



0.75 kW motor ile  
With 0.75 kW motor

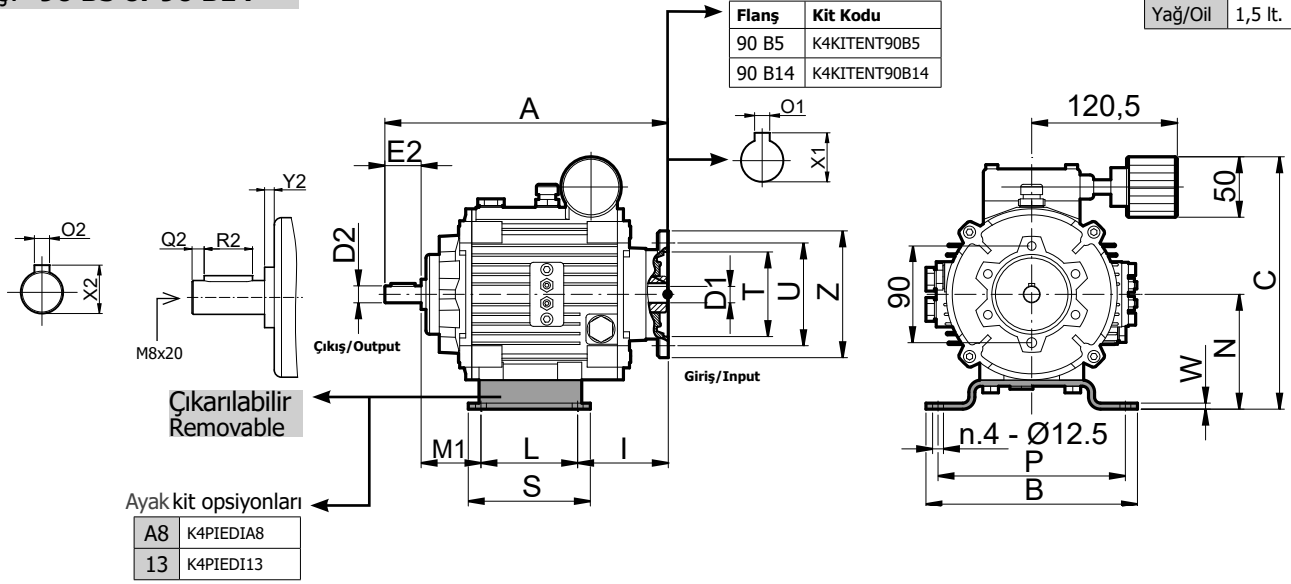


# K4 1.1/1.5kW

## ÖLÇÜLER / DIMENSIONS

Varyatör: **K4**  
Giriş: **90 B5 or 90 B14**

Ağırlık	21 kg
Weight	46 lbs
Yağ/Oil	1,5 lt.



Ø Mil / Ø Shaft

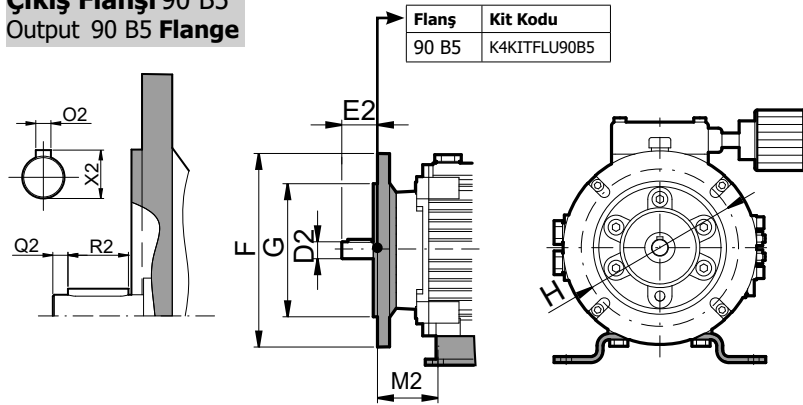
Çıkış / Output	D2	O2	X2	-
Standart	Ø24 j6	8	27	-
Özel	Ø28 j6	8	31	-
Giriş / Input	D1	O1	X1	X3
Standart	Ø24 F7	8	27.2	27

	E2	Q2	R2	W	Y2
	50	5	40	5	4.5

		B	C	L	M1	N	P	S
Ayak	A8	232	249.8	90	65	105	208	118
Feet	13	262	284.8	123	75.5	140	230	152

		90 B14 Giriş Flanşı					90 B5 Giriş Flanşı				
		A	I	T	U	Z	A	I	T	U	Z
Ayak	A8	317.2	112.2	95	115	140	319.2	114.2	130	165	200
Feet	13	317.2	68.7	95	115	140	319.2	70.7	130	165	200

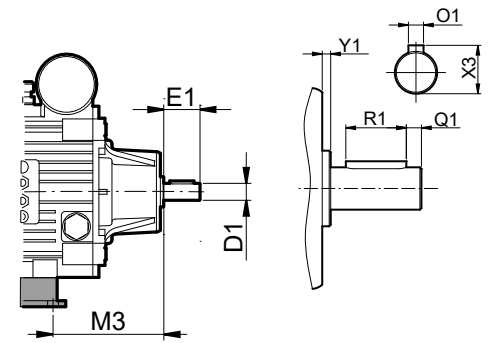
### Çıkış Flanşı 90 B5 Output 90 B5 Flange



E2	F	G	H	Q2	R2
50	200	130	165	5	40

		M2	M3
Ayak	A8	65	120.5
Feet	13	75.5	77

### Erkek Giriş Mili Male Input Shaft



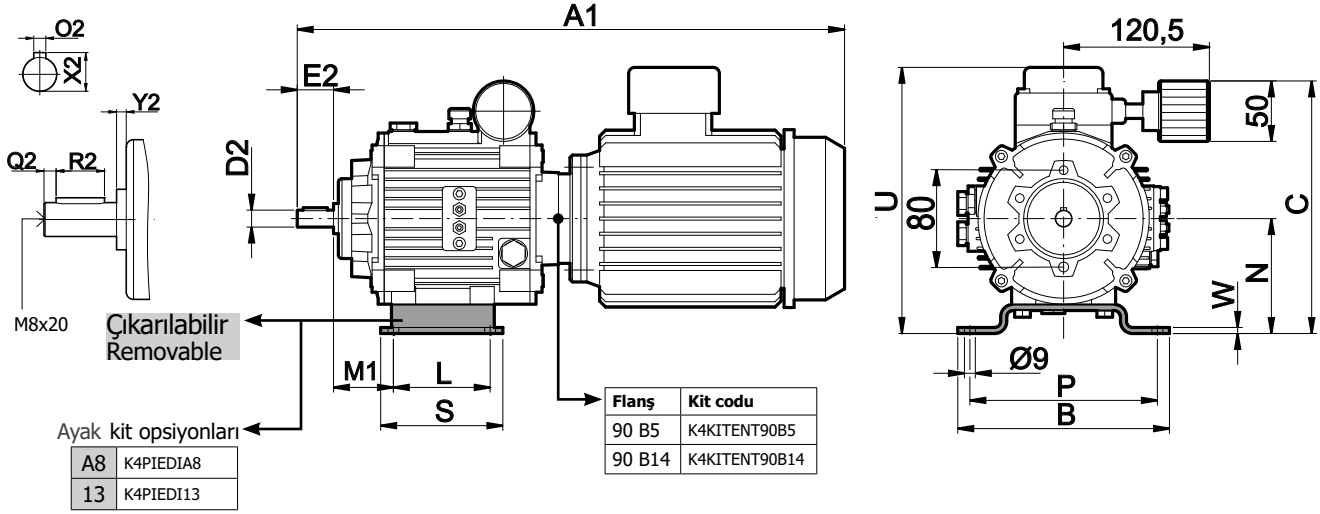
E1	Q1	R1	Y1
50	5	40	4.5

# ÖLÇÜLER / DIMENSIONS

# 1.1/1.5kW K4

Varyatör: **K4**  
Motor: **1,1/1,5 kW 4 p (90 B5 or 90 B14)**

Ağırlık	1.1 kW: 33kg / 74 lbs
Weight	1.5 kW: 36kg / 78 lbs
Yağ/Oil	1,5 lt.



Ø Mil / Ø Shaft

Çıkış / Output	D2	O2	X2	-
Standart	Ø24 j6	8	27	-
Özel	Ø28 j6	8	31	-
Giriş / Input	D1	O1	X1	X3
Standart	Ø24 F7	8	27.2	27

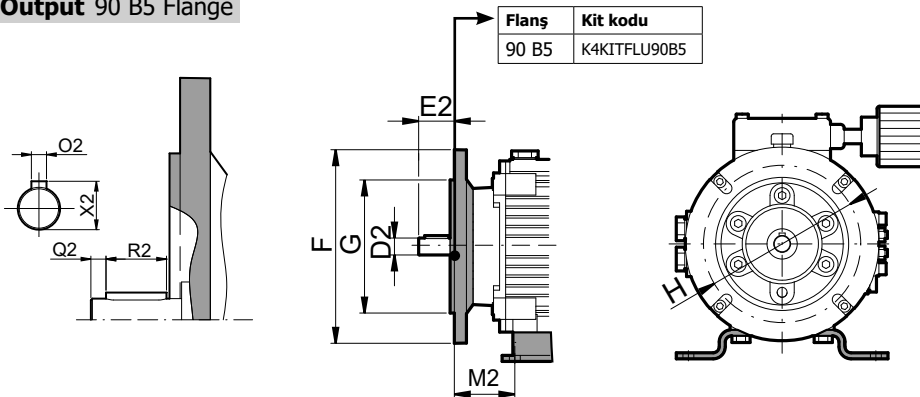
E2	Q2	R2	W	Y2
50	5	40	5	4.5

Motor	A1
<b>1.1 kW 90 B5</b>	577
<b>1.1 kW 90 B14</b>	575
<b>1.5 kW 90 B5</b>	602
<b>1.5 kW 90 B14</b>	600

		B	C	L	M1	N	P	S	U*
Ayak Feet	A8	232	249.8	90	65	105	208	118	245
	13	262	284.8	123	75.5	140	230	152	280

\*Dimension "U" is valid both for B5 and B14 flange motor.  
La quota "U" è valida sia per flangia B5 che B14 del motore.

## Çıkış Flanşı 90 B5 Output 90 B5 Flange



E2	F	G	H	Q2	R2	Y2
50	200	130	165	5	40	4.5

		M2
Ayak Feet	A8	65
	13	75.5

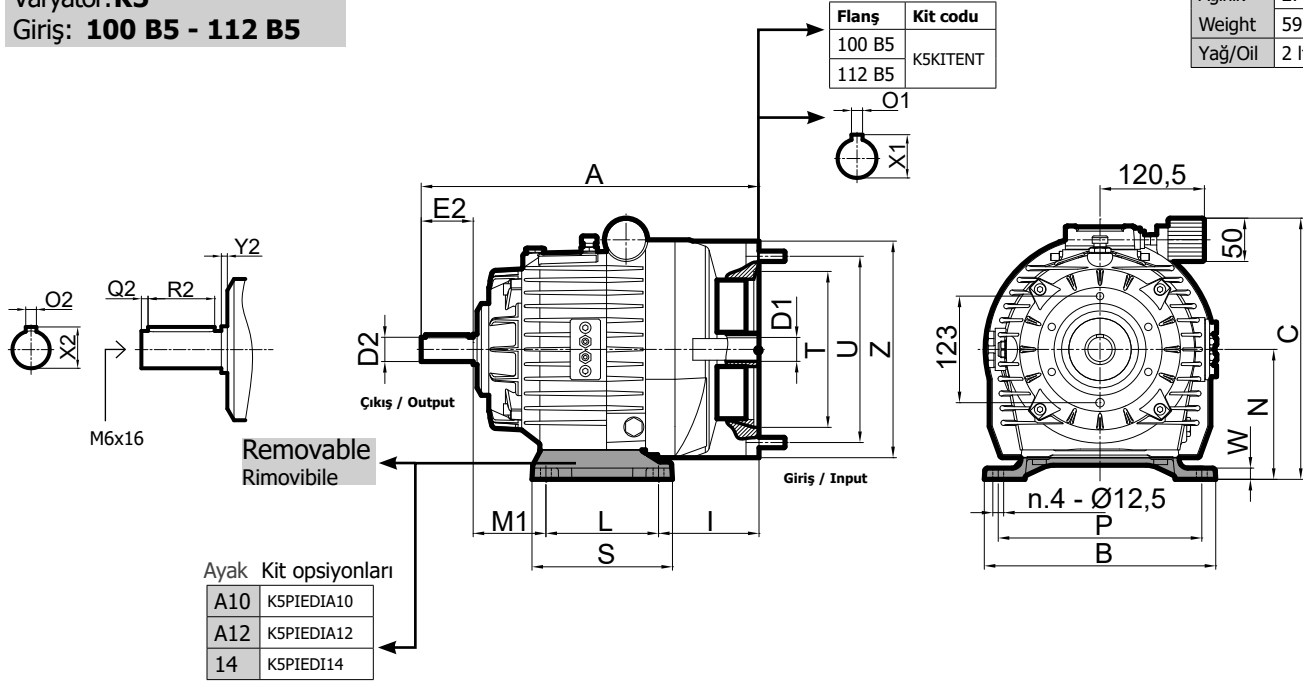
# ÖLÇÜLER / DIMENSIONS

# 2.2/3/4kW K5

Varyatör: **K5**

Giriş: **100 B5 - 112 B5**

Ağırlık	27 kg
Weight	59 lbs
Yağ/Oil	2 lt.



Flanş	Kit codu
100 B5	K5KITENT
112 B5	

Ayak Kit opsiyonları

A10	K5PIEDIA10
A12	K5PIEDIA12
14	K5PIEDI14

Ø Mil / Ø Shaft

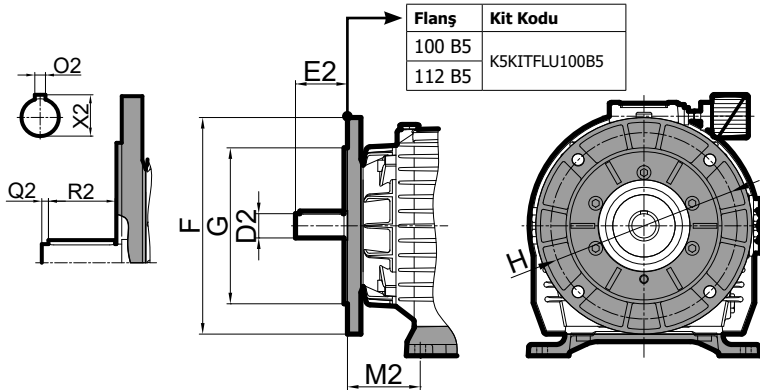
Çıkış / Output	D2	O2	X2	-
Standart	Ø28 j6	8	31	-
Giriş / Input	D1	O1	X1	X3
Standart	Ø28 F7	8	31.2	31

E2	Q2	R2	W	Y2
60	5	50	13	4.5

Ayak Feet	A10	B	C	L	M1	N	P	S
		A12	272.2	281.5	100	76.5	130	240
14	272.2	281.5	100	76.5	130	240	133.7	
	14	267.2	301.5	130	84	150	235	162.2

100-112 B5 Giriş Flanşı						
Ayak Feet	A10	A	I	T	U	Z
		A12	390	153.5	180	215
14	390	116	180	215	250	

**Çıkış Flanşı 100 B5 - 112 B5**  
Output 100 B5 - 112 B5 **Flange**

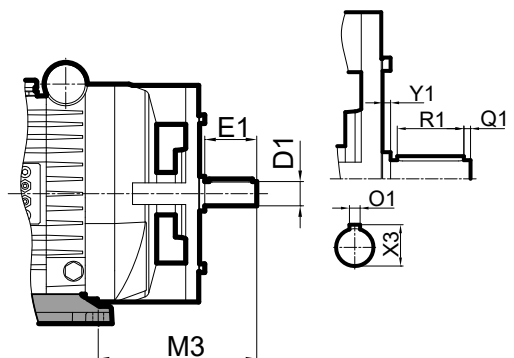


Flanş	Kit Kodu
100 B5	K5KITFLU100B5
112 B5	

F	G	H
250	180	215

Ayak Feet	A10	M2	M3
		A12	76.5
14	84	183	

**Erkek giriş mili**  
Male input shaft



E1	Q1	R1	Y1
60	5	50	6

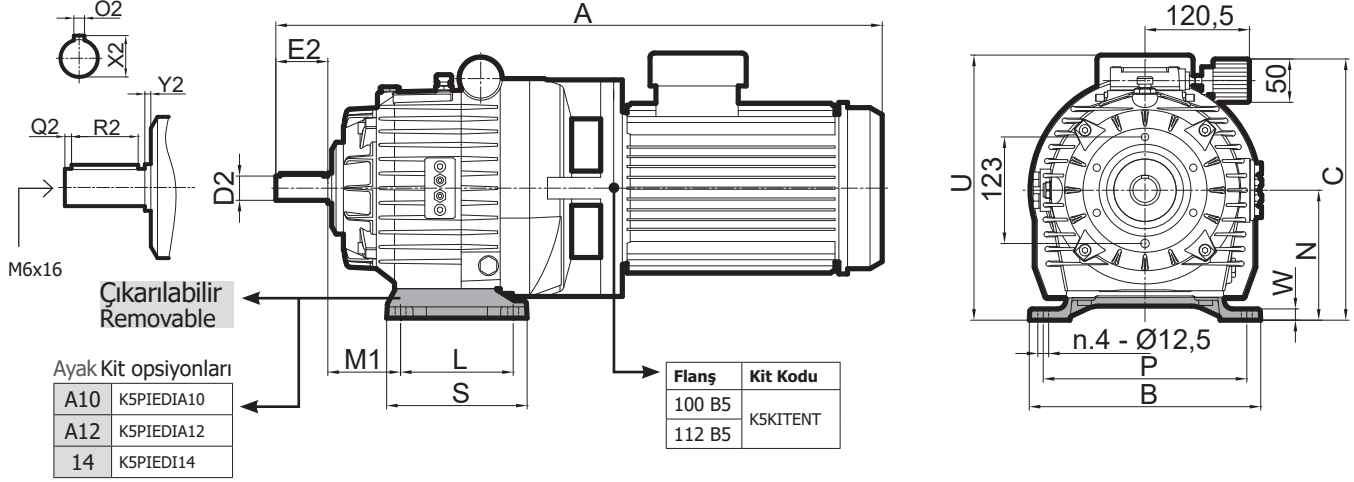
# K5 2.2/3/4kW

## ÖLÇÜLER / DIMENSIONS

Varyatör: K5

Motor: 2.2/3/4 kW 4p 100-112 B5

Ağırlık	2.2 kW: 46 kg / 101 lbs
Weight	3 kW: 49 kg / 109 lbs
	4 kW: 57 kg / 126 lbs
Yağ/Oil	2 lt.



Ø Mil / Ø Shaft

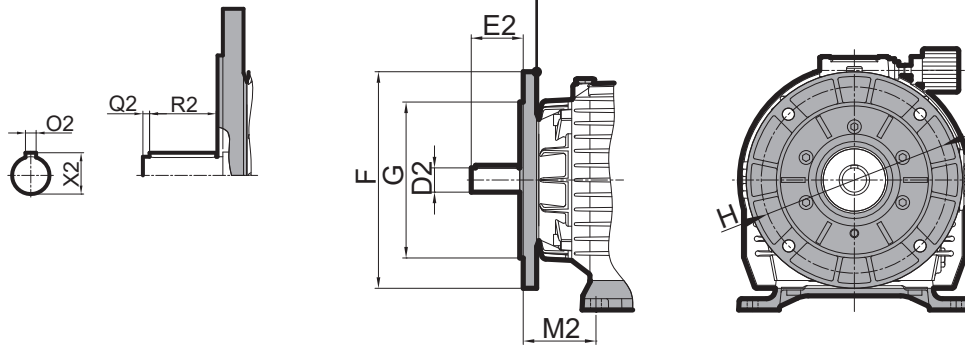
Çıkış / Output	D2	O2	X2	-
Standart	Ø28 j6	8	31	-
Giriş / Input	D1	O1	X1	X3
Standart	Ø28 F7	8	31.2	31

E2	Q2	R2	W	Y2
60	5	50	13	4.5

	B	C	L	M1	N	P	S	
Ayak Feet	A10	272.2	281.5	100	76.5	130	240	133.7
	A12	272.2	281.5	100	76.5	130	240	133.7
	14	267.2	301.5	130	84	150	235	162.2

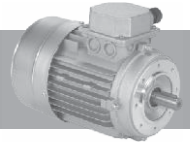
	2,2/3 kW 100 B5		4 kW 112 B5	
Ayak Feet	A	U	A	U
A10	703	277	-	-
A12	-	-	724	293
14	703	297	-	-

### Çıkış Flange 100-112 B5 Output 100-112 B5 Flange



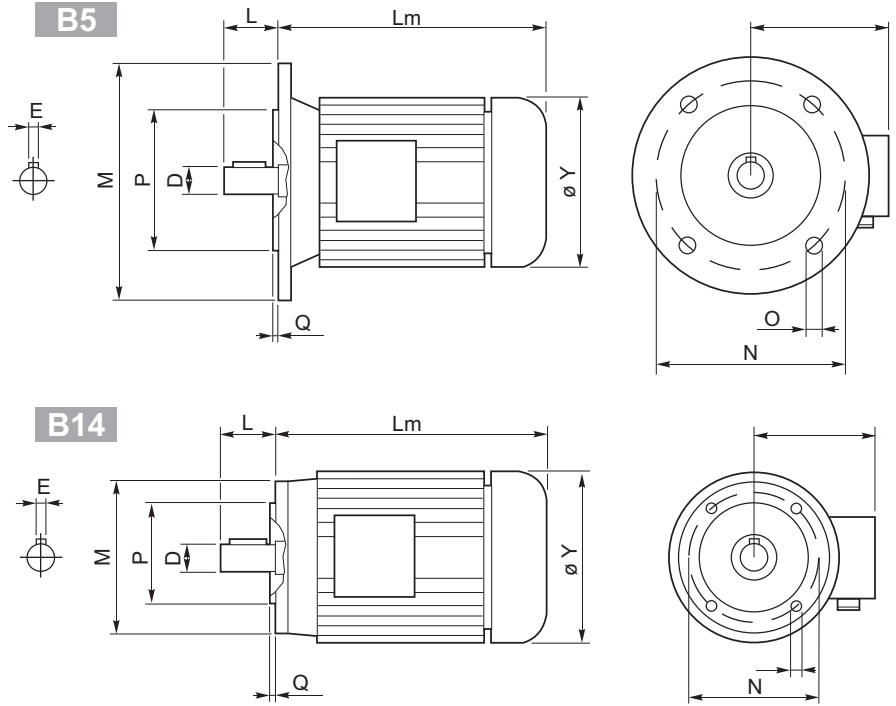
E2	F	G	H	Q2	R2
60	250	180	215	5	50

Ayak Feet	M2
A10	76.5
A12	76.5
14	84



- 1) 230/400V - 50Hz 3 fazlı asenkron indüksiyon motoru
- 2) F klas izolasyon
- 3) S1
- 4) IP 55 koruma
- 5) Boyasız
- 6) Aktarım sırasında çıkış milini korumak için sert plastik kılıf

- 1) 230/400V - 50 Hz three-phase asynchronous induction motor
- 2) Class F insulation
- 3) S1 duty
- 4) IP 55 protection
- 5) Not painted
- 6) Hard plastic sleeve to protect output shaft during the transportation



**Dış ölçüler ve ağırlık üretici firmaya bağlı olarak farklılık gösterebilir**  
*Outside dimensions and weight may be different according to manufacturers*

	2 poli / poles			4 poli / poles			6 poli / poles			B5-B14					B5					B14					Kg	
	kW	Nm	A (400V)	kW	Nm	A (400V)	kW	Nm	A (400V)	D (mm)	E (mm)	L (mm)	Lm (mm)	Y (mm)	AD (mm)	P (mm)	N (mm)	M (mm)	O (mm)	Q (mm)	P (mm)	N (mm)	M (mm)	O (mm)		Q (mm)
56 A	0.09	0.32	0.38	0.06	0.44	0.27	—	—	—	9	3	20	179	108	96	80	100	120	7	2.5	50	65	80	M5	2.5	2.7
56 B	0.12	0.42	0.46	0.09	0.67	0.37	—	—	—																	2.9
63 A	0.18	0.63	0.60	0.12	0.84	0.50	0.09	0.99	0.57	11	4	23	185	120	99	95	115	140	9.5	3	60	75	90	M5	2.5	3.8
63 B	0.25	0.87	0.76	0.18	1.30	0.69	0.12	1.32	0.74																	4.2
71 A	0.37	1.30	1.00	0.25	1.70	0.91	0.18	1.90	0.80	14	5	30	-	130	104	110	130	160	9.5	3.5	70	85	105	M6	2.5	5.9
71 B	0.55	1.90	1.54	0.37	2.52	1.14	0.25	2.72	1.10				225	141	107											6.5
80 A	0.75	2.60	1.85	0.55	3.77	1.51	0.37	3.84	1.18	19	6	40	256	159	127	130	165	200	11.5	3.5	80	100	120	M6	3	8.5
80 B	1.1	3.90	2.64	0.75	5.11	2.57	0.55	5.84	1.80																	10
90 S	1.5	5.00	3.31	1.1	7.45	2.78	0.75	7.92	2.32	24	8	50	-	170	135	130	165	200	11.5	3.5	95	115	140	M8	3	12.5
90 L	2.2	7.50	4.46	1.5	10.2	3.61	1.1	11.6	3.45				280													15
100 LA	3.0	10.0	6.28	2.2	14.8	5.07	1.5	15.4	3.88																	20
100 LB	—	—	—	3.0	20.1	6.66	—	—	—	28	8	60	-	190	148	180	215	250	13	4	110	130	160	M8	3.5	22
112 M	4.0	13.4	8.10	4.0	26.7	8.55	2.2	22.6	5.30				321	210	164											35
132 S	5.5	18.3	11.2	5.5	36.5	11.4	3.0	30.2	7.20	38	10	80	375	244	180	230	265	300	14	4	130	165	200	M10	4	41
	7.5	24.9	15.3										420													51
132 M	—	—	—	7.5	49.4	15.0	4.0	40.0	9.13																	51
				9	61.4	18.5																				
160 M	—	—	—	11	72	21.5	—	—	—	42	12	110	503	335	246	250	300	350	18	5	—	—	—	—	—	79.2
160 L	—	—	—	15	98	29	—	—	—				547													97.5
180 M	—	—	—	18.5	121	35.5	—	—	—	48	14	110	602	366	266	250	300	350	19	5	—	—	—	—	—	170
180 L	—	—	—	22	144	42	—	—	—																	
200 L	—	—	—	30	196	53	—	—	—	55	16	110	670	405	341	300	350	400	19	5	—	—	—	—	—	240
225 S	—	—	—	37	240	69	—	—	—	60	18	140	748	463	360	350	400	450	19	5	—	—	—	—	—	305
225 M	—	—	—	45	292	84	—	—	—																	310

MONOBLOK YÜKSEK VERİMLİ MODÜLER VE KOMPAKT ÜRÜNLER  
MONOBLOCK MODULAR & COMPACT PRODUCTS WITH HIGH ENERGY EFFICIENCY DRIVE



**PARALEL MİLLİ  
REDÜKTÖR**  
PARALLEL SHAFT  
GEARBOXES

Gövde Büyüküğü Size	Nominal Çıkış Momenti Rated Output Torque
063	300 Nm
080	650 Nm
100	1.400 Nm
125	2.750 Nm
140	4.200 Nm
160	6.000 Nm
180	7.500 Nm
200	12.000 Nm
225	18.000 Nm
250	26.550 Nm
280	30.000 Nm
320	45.000 Nm
360	70.000 Nm



**KONİK HELİSEL DİŞLİ  
REDÜKTÖR**  
BEVEL HELICAL - RIGHTANGLE  
GEARBOXES

Gövde Büyüküğü Size	Nominal Çıkış Momenti Rated Output Torque
063	300 Nm
080	650 Nm
100	1.400 Nm
125	2.750 Nm
140	4.200 Nm
160	6.000 Nm
180	7.500 Nm
200	12.000 Nm
225	18.000 Nm
250	26.550 Nm
280	30.000 Nm
320	45.000 Nm
360	70.000 Nm



**PARALEL MİLLİ  
MOTORLU REDÜKTÖR**  
PARALLEL SHAFT  
GEARBOXES WITH MOTOR

Gövde Büyüküğü Size	Nominal Çıkış Momenti Rated Output Torque
063	300 Nm
080	650 Nm
100	1.400 Nm
125	2.750 Nm
140	4.200 Nm
160	6.000 Nm
180	7.500 Nm
200	12.000 Nm
225	18.000 Nm
250	26.550 Nm
280	30.000 Nm
320	45.000 Nm
360	70.000 Nm



**KONİK HELİSEL DİŞLİ  
MOTORLU REDÜKTÖR**  
BEVEL HELICAL - RIGHTANGLE  
GEARBOXES WITH MOTOR

Gövde Büyüküğü Size	Nominal Çıkış Momenti Rated Output Torque
063	300 Nm
080	650 Nm
100	1.400 Nm
125	2.750 Nm
140	4.200 Nm
160	6.000 Nm
180	7.500 Nm
200	12.000 Nm
225	18.000 Nm
250	26.550 Nm
280	30.000 Nm
320	45.000 Nm
360	70.000 Nm



**PARALEL MİLLİ  
EKSTRUDER REDÜKTÖR**  
PARALLEL SHAFT  
EXTRUDER GEARBOX

Gövde Büyüküğü Size	Nominal Çıkış Momenti Rated Output Torque
140	4.200 Nm
160	6.000 Nm
180	7.500 Nm
200	12.000 Nm
225	18.000 Nm
250	26.550 Nm
280	30.000 Nm
320	45.000 Nm
360	70.000 Nm



**PARALEL MİLLİ  
EKSTRUDER REDÜKTÖR  
(UZUN DİZAYN)**  
PARALLEL SHAFT  
EXTRUDER GEARBOX  
(LONG DESIGN)

Gövde Büyüküğü Size	Nominal Çıkış Momenti Rated Output Torque
160	6.000 Nm
180	7.500 Nm
200	12.000 Nm
225	18.000 Nm
250	26.550 Nm

# ZET

*R e d ü k t ö r*

## **ZET Redüktör Sanayi ve Ticaret A.Ş.**



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