

## In-Line Kuru Rotorlu Sirkülasyon Pompaları

# EIL VE EIL R SERİSİ IN-LINE KURU ROTORLU SİRKÜLASYON POMPALARI



## EIL VE EIL R serisi in-line kuru rotorlu sirkülasyon pompaları ile konfor ve enerji verimliliğini en üst seviyede tutun

- In-line (aynı hat üzerinde giriş - çıkış) bağlantı ile tesisata direkt bağlanabilen
- Eysel ve endüstriyel ısıtma, soğutma, iklimlendirme ve sıhhi tesisatlarda sıcak veya soğuk suyun sirkülasyon çevrimlerinde kullanılan pompalardır.

### Akışkan Özelliği

- Temiz, katı aşındırıcı partikül içermeyen, viskoz ve sert olmayan, kimyasal olarak nötr nitelikte su
- Sirkülasyon suyuna katılabilecek maksimum glikol oranı %30'dur.

### Teknik Özellikler

Maks. Debi	: 300 m <sup>3</sup> /h
Maks. Basma Yüksekliği	: 95 mSS
Motor Hızı	: 2900 d/dk (50 Hz), 1450d/dk (50 Hz)
Bağlantı	: DN 40 - DN 200
Güç	: 0,25 kW'dan 37 kW'a kadar
Azami Çalışma Basıncı	: 10 bar / 16 bar
Azami Ortam Sıcaklığı	: 40 °C
Pompalanan Sıvı Sıcaklığı	: -10 °C ÷ +130 °C
Koruma Sınıfı	: IP44
İzolasyon Sınıfı	: F sınıfı

### Tasarım Özellikleri

Pompa Gövdesi	: GG25 - Pik Döküm
Fan	: GG25 - Pik Döküm
Mil	: AISI 316 - Paslanmaz Çelik
Çark	: GG25 - Pik Döküm
Adaptör	: GG25 - Pik Döküm
Mekanik Salmastra	: Reçine Karbon/Silisyum Karbür/ EPDM/AISI 304
Destek Gövdesi	: GG25 - Pik Döküm
Elastomerler	: EPDM

- Harici soğutmalı 3 faz (trifaze) asekron motor
- Motor koruması için aşırı akım korumalı pano ile kullanılması tavsiye edilir.

\*EIL-HF serisi frekans kontrol modülü takılı in-line pompa

## **EIL Serisi Tasarım Özellikleri**

- Aksiyal giriş - çıkış flanşlı, tek çarklı santrifüj pompa
- Flanşlar DIN 2532 ve EN 1092 - 2 uyumlu
- Fan ve motor bloğunun pompa gövdesinden tesisat sökülmeden ayrılabilmesine imkan tanıyan "Back Pull - Out" dizaynına sahip
- Pompa Kaplini : Standart motorun uzatılmış şaftına kama ile tespit edilmiş çark ve adaptör vasıtası ile birleşik bağlantılı

## **EIL Serisi Teknik Özellikler**

- Azami Çalışma Basıncı : 10 bar (PN10)
- Pompalanan Sıvının Sıcaklığı : - 10 °C ile 130 °C arası

## **EILR Serisi Tasarım Özellikleri**

- Pompa Kaplini : Standart motorun şaftına kama, adaptör ve braket ile takılı, rijit kaplin şaft

## **EILR Serisi Teknik Özellikler**

- Azami Çalışma Basıncı : 16 bar (PN16) 120 °C 'ye kadar, 13 bar 120 °C ile 140 °C arası
- Pompalanan Sıvının Sıcaklığı : -20 °C ile 140 °C arası

## **EIL-HF Serisi Teknik Özellikler\***

- Değişken Hız Kontrolü : Pompa üzerine takılan frekans kontrol modülü ile sağlanır.

## **Talep Üzerine Eklenen Aksesuarlar**

- Dişli galvanizli pompa karşı flanşları
- Kör flanş
- Pompa ayağı

## **Opsiyonel Özellikler**

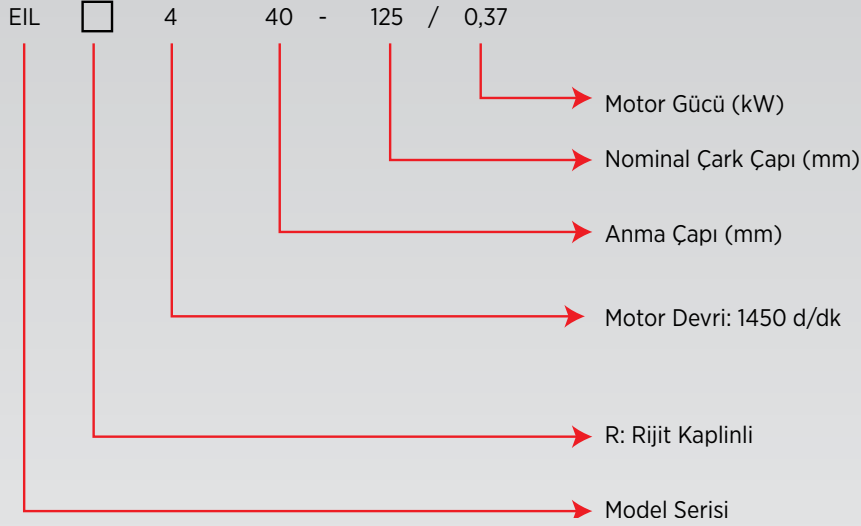
- Mekanik salmastra ve gövde contası için farklı malzemeler
- Dikey montaj için pompa ayağı

## **Montaj**

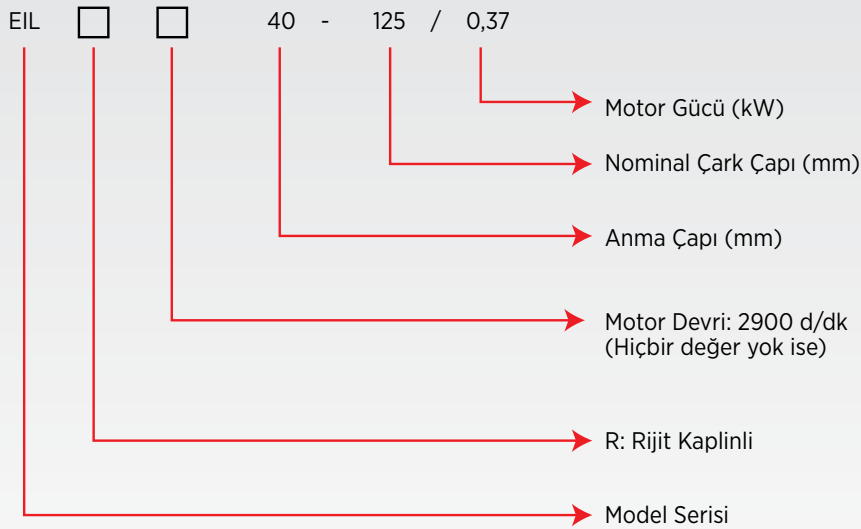
- Motor veya terminal kutusunun aşağı doğru gelmesi dışında yatay ve dikey montaj yapılabilir.
- Dikey montaj için pompa ayağı mevcuttur.
- 5.5kW ve üzeri motor güçleri için dikey montajlarda pompa ayağında yatay montajlarda ise elektrik motorunda mutlaka destek kullanılmalıdır.

# EIL VE EIL R SERİSİ POMPA TANIMLAMA KODU VE ETİKETİ

## 4 Kutuplu Motor (1450 d/dk)



## 2 Kutuplu Motor (2900 d/dk)



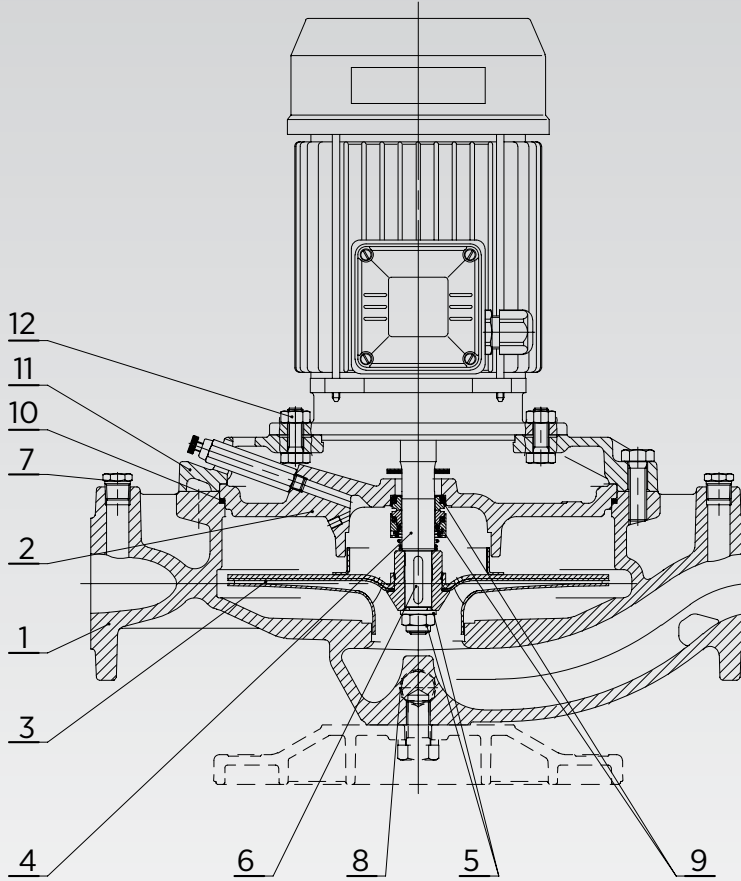
<b>ETNA®</b>		CE	ALP Pompa Teknolojileri San. Tic. A.Ş. Dudullu OSB, Nato Yolu Cd. No: 267/B 34775 Ümraniye / İSTANBUL Tel: 0216 561 47 74
TİP :			
Q :	m <sup>3</sup> /h	H :	mSS
DEVİR :	rpm	GÜÇ :	Kw
SERİ NO :		YIL :	

- 1 Model
- 2 Anma Basıncı
- 3 Anma Gücü
- 4 Üretim Yılı
- 5 Anma Debisi
- 6 Motorun Dönme Hızı
- 7 Seri Numarası

# EIL - EIL 4 SERİSİ MODEL LİSTESİ VE MALZEME TABLOSU

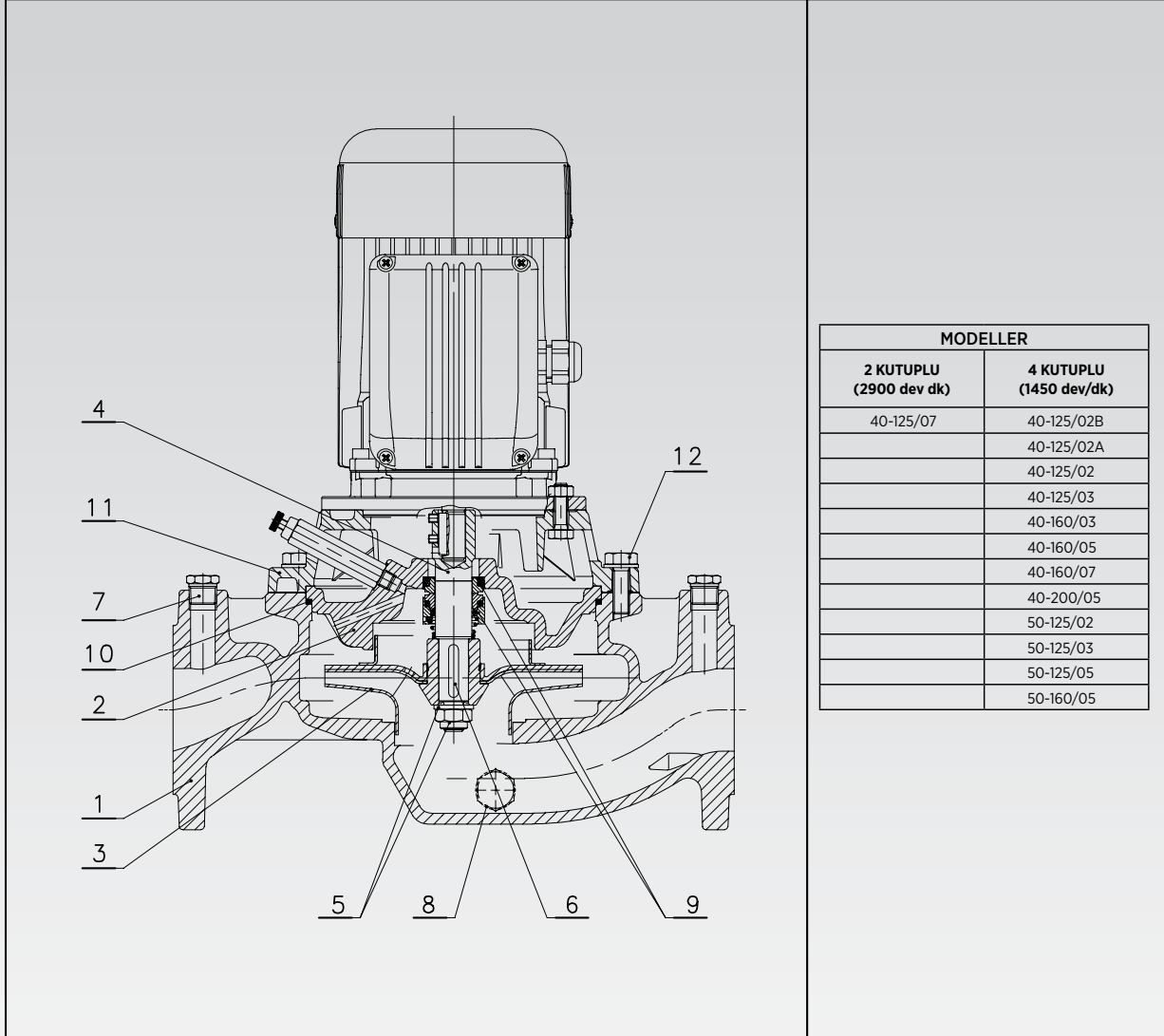
# ETNA®

MODELLER		
2 KUTUPLU (2900 dev/dk)	4 KUTUPLU (1450 dev/dk)	
40-125/11	40-200/07	100-160/22
40-125/15	40-200/11	100-160/30
40-125/22	40-250/11	100-200/30
40-160/30*	40-250/15	100-200/40
40-160/40*	40-250/22	100-200/55A
40-160/55*	50-160/07	100-200/55
40-200/30*	50-160/11	100-250/55A
40-200/40*	50-200/07	100-250/55
40-200/55*	50-200/11	100-250/75
40-200/75*	50-200/15	100-250/110
40-250/110*	50-250/15	
40-250/110*	50-250/22A	
50-125/11*	50-250/22	
50-125/15	50-250/30	
50-125/22	65-125/05	
50-125/30*	65-125/07	
50-125/40*	65-125/11	
50-160/40*	65-160/11A	
50-160/55*	65-160/11	
50-160/75*	65-160/15	
50-200/55*	65-200/15	
50-200/75*	65-200/22A	
50-200/110*	65-200/30	
50-200/110*	65-250/22	
50-250/110*	65-250/30	
65-125/22	65-250/40	
65-125/30*	80-125/07	
65-125/40*	80-125/11	
65-125/55*	80-160/11	
65-125/75*	80-160/15A	
65-160/75*	80-160/15	
65-160/110*	80-160/22A	
65-160/110*	80-160/22	
65-200/75*	80-200/22	
65-200/110*	80-200/30	
80-125/30*	80-200/40	
80-125/40*	80-250/55A	
80-125/55*	80-250/55	
80-160/75*	80-250/75	
80-160/110*	100-160/15	
80-160/110*	100-160/22A	
100-160/110*		



MALZEMELER				
REF. No.	PARÇA	MALZEME	REFERANS STANDARTLAR	
			AVRUPA	ABD
1	Pompa Gövdesi	Dökme Demir	EN 1561-GJL-250 (JL1040)	ASTM Class 35
2	Salmastra Gövdesi	Dökme Demir	EN 1561-GJL-250 (JL1040)	ASTM Class 35
3	Çark	Dökme Demir	EN 1561-GJL-250 (JL1040)	ASTM Class 35
4	Şaft	Paslanmaz Çelik	EN 10088-1-X2CrN Mo17-12-2 (1.4404)	AISI 316L
5	Çark Pul ve Somunları	Paslanmaz Çelik	EN 10088-1-X2CrN Mo17-12-2 (1.4404)	AISI 316L
6	Kama	Paslanmaz Çelik	EN 10088-1-X2CrN Mo17-12-2 (1.4404)	AISI 316L
7	Tapa ve Hava Atma Valfi	Nikel Kaplamalı Pirinç	EN 12164-CuZn39Pb3 (CW614N)	-
8	Doldurma ve Boşaltma Tapaları	Nikel Kaplamalı Pirinç	EN 12164-CuZn39Pb3 (CW614N)	-
9	Mekanik Salmastra	Reçine Karbon/Silisyum Karbür/EPDM/AISI 304 (Standart Versiyon)		
10	O-ring	EPDM ( Standart Versiyon)		
11	Pompa Flanşı	Dökme Demir	EN 1561-GJL-250 (JL1040)	ASTM Class 35
12	Pompa Gövdesi Bağlantı Civata ve Somunları	Galvaniz Kaplama Çelik		

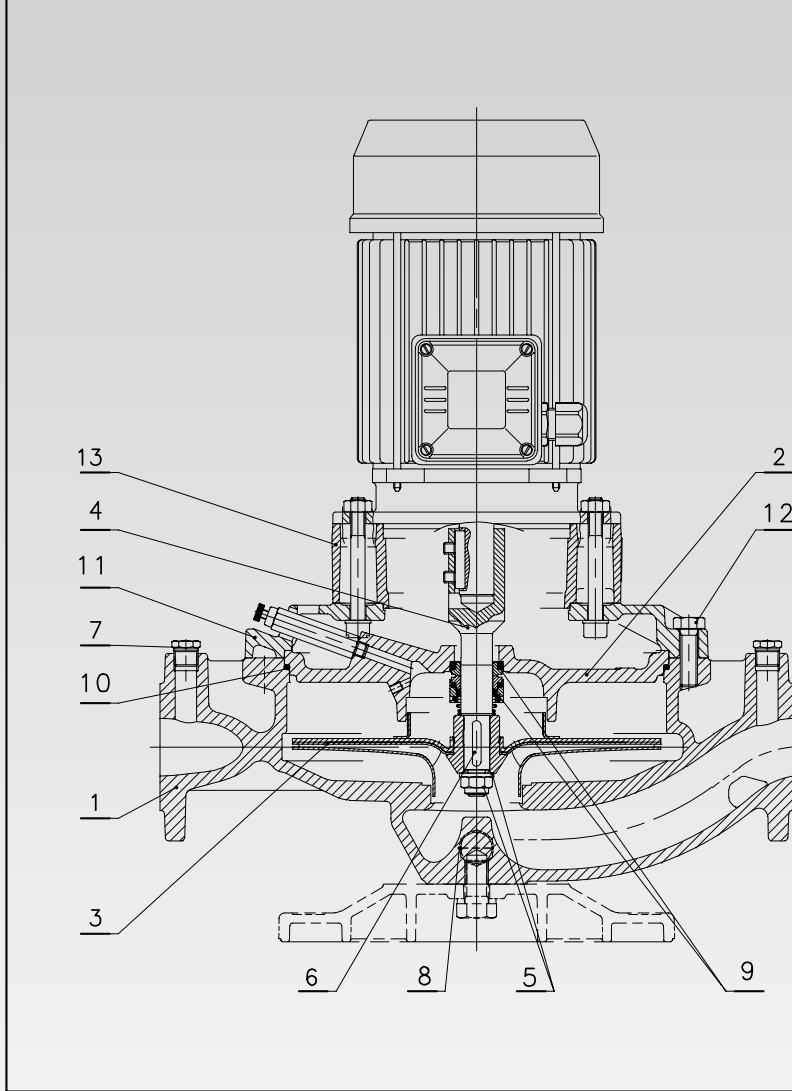
# EIL - EIL 4 SERİSİ MODEL LİSTESİ VE MALZEME TABLOSU



MALZEMELER				
REF. No.	PARÇA	MALZEME	REFERANS STANDARTLAR	
			AVRUPA	ABD
1	Pompa Gövdesi	Dökme Demir	EN 1561-GJL-250 (JL1040)	ASTM Class 35
2	Salmastra Gövdesi	Dökme Demir	EN 1561-GJL-250 (JL1040)	ASTM Class 35
3	Çark	Dökme Demir	EN 1561-GJL-250 (JL1040)	ASTM Class 35
4	Şaft	Paslanmaz Çelik	EN 10088-1-X2CrN Mo17-12-2 (1.4404)	AISI 316L
5	Çark Pul ve Somunları	Paslanmaz Çelik	EN 10088-1-X2CrN Mo17-12-2 (1.4404)	AISI 316L
6	Kama	Paslanmaz Çelik	EN 10088-1-X2CrN Mo17-12-2 (1.4404)	AISI 316L
7	Tapa ve Hava Atma Valfi	Nikel Kaplamalı Pirinç	EN 12164-CuZn39Pb3 (CW614N)	-
8	Doldurma ve Boşaltma Tapa	Nikel Kaplamalı Pirinç	EN 12164-CuZn39Pb3 (CW614N)	-
9	Mekanik Salmastra	Reçine Karbon/Silisyum Karbür/EPDM/AISI 304 (Standart Versiyon)		
10	O-ring	EPDM ( Standart Versiyon)		
11	Pompa Flanşı	Dökme Demir	EN 1561-GJL-250 (JL1040)	ASTM Class 35
12	Pompa Gövdesi Bağlantı Civata ve Somunları	Galvaniz Kaplama Çelik		

# EIL R - EIL R 4 MODEL LİSTESİ VE MALZEME TABLOSU

# ETNA®



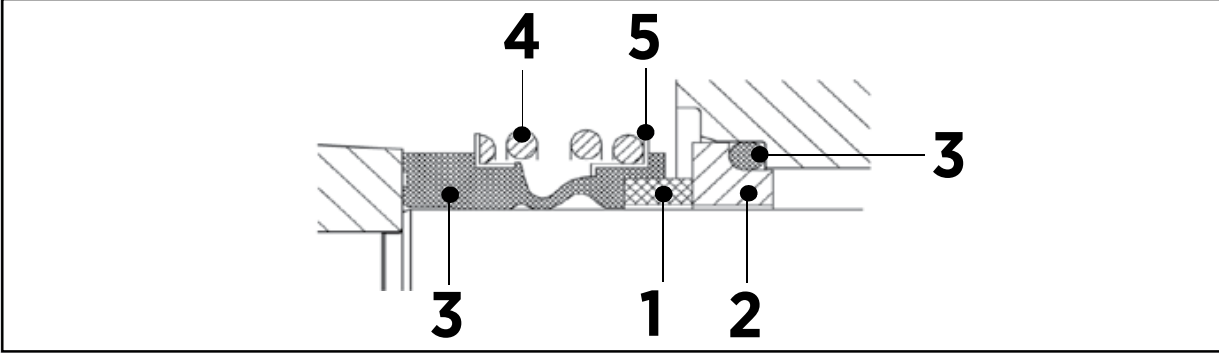
MODELLER		
2 KUTUPLU (2900 dev/dk)		
40-125/15	50-200/75	65-250/300
40-125/22	50-200/110A	80-125/30
40-125/30	50-200/110	80-125/40
40-160/30	50-250/110	80-125/55
40-160/40	50-250/150	80-160/75
40-160/55	50-250/185	80-160/110
40-200/30	50-250/220	80-160/110A
40-200/40	65-125/22	80-160/150
40-200/55	65-125/30	80-160/185
40-200/75	65-125/40	80-200/185
40-250/110A	65-125/55	80-200/220
40-250/110	65-125/75	80-200/300
40-250/150	65-160/75	80-250/370
50-125/15	65-160/110A	100-160/110
50-125/22	65-160/110	100-160/150
50-125/30	65-200/110A	100-160/185
50-125/40	65-200/110	100-160/220
50-160/40	65-200/150	100-200/220
50-160/55	65-200/185	100-200/300
50-160/75	65-250/185	100-200/370
50-200/55	65-250/220	100-250/370

MODELLER		
4 KUTUPLU (1450 dev/dk)		
40-160/07	65-160/15	100-160/15
40-200/07	65-200/15	100-160/22A
40-200/11	65-200/22	100-160/22
40-250/11	65-200/30	100-160/30
40-250/15	65-250/22	100-200/30
40-250/22	65-250/30	100-200/40
50-160/07	65-250/40	100-200/55A
50-160/11	80-125/07	100-200/55
50-200/07	80-125/11	100-250/55A
50-200/11	80-160/11	100-250/55
50-200/15	80-160/15A	100-250/75
50-200/22	80-160/15	100-250/110
50-250/15	80-160/22A	
50-250/22A	80-160/22	
50-250/22	80-200/22	
50-250/30	80-200/30	
65-125/05	80-200/40	
65-125/07	80-250/55A	
65-125/11	80-250/55	
65-160/11A	80-250/75	
65-160/11		

MALZEMELER				
REF. No.	PARÇA	MALZEME	REFERANS STANDARTLAR	
			AVRUPA	ABD
1	Pompa Gövdesi	Dökme Demir	EN 1561-GJL-250 (JL1040)	ASTM Class 35
2	Salmastra Gövdesi	Dökme Demir	EN 1561-GJL-250 (JL1040)	ASTM Class 35
3	Çark	Dökme Demir	EN 1561-GJL-250 (JL1040)	ASTM Class 35
4	Şaft	Paslanmaz Çelik	EN 10088-1-X2CrN Mo17-12-2 (1.4404)	AISI 316L
5	Çark Pul ve Somunları	Paslanmaz Çelik	EN 10088-1-X2CrN Mo17-12-2 (1.4404)	AISI 316L
6	Kama	Paslanmaz Çelik	EN 10088-1-X2CrN Mo17-12-2 (1.4404)	AISI 316L
7	Tapa ve Hava Atma Valfi	Nikel Kaplı Pirinç	EN 12164-CuZn39Pb3 (CW614N)	-
8	Doldurma ve Boşaltma Tapaları	Nikel Kaplı Pirinç	EN 12164-CuZn39Pb3 (CW614N)	-
9	Mekanik Salmastra	Reçine Karbon/Silisyum Karbür/EPDM/AISI 304 (Standart Versiyon)		
10	O-ring	EPDM ( Standart Versiyon)		
11	Pompa Flanşı	Dökme Demir	EN 1561-GJL-250 (JL1040)	ASTM Class 35
12	Pompa Gövdesi Bağlantı Civata ve Somunları	Galvaniz Kaplama Çelik		

# EIL-EIL R SERİSİ MEKANİK SALMASTRA

EN 12756 ve ISO 3069'ya göre mekanik salmastra bağlantı boyutları



## Malzeme Listesi

Pozisyon 1 - 2	Pozisyon 3	Pozisyon 4 - 5
B : Reçine emdirilmiş karbon	E : EPDM	G : AISI 304
A : Antimon emdirilmiş karbon	V : FKM (FPM)	
Q <sub>1</sub> : Silisyum Karbür		
U <sub>3</sub> : Tungsten Karbür		

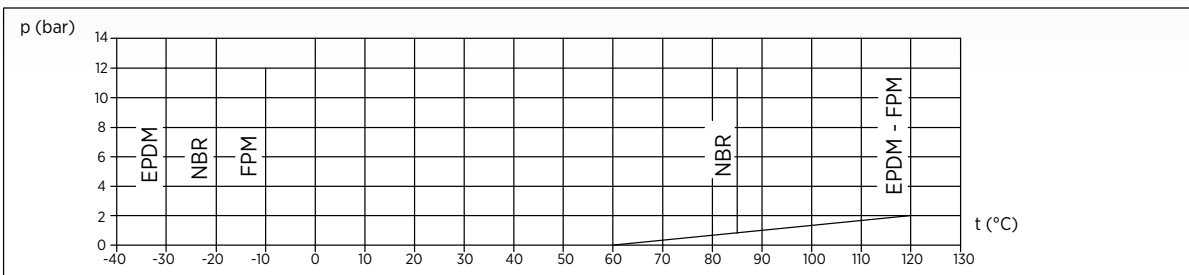
## EIL Salmastra Tipi

Tip	Pozisyon					Sıcaklık (°C)
	1 Dönen Parça	2 Sabit Parça	3 Elastikler	4 Yaylar	5 Diğer Parçalar	
Standart Mekanik Salmastra						
B Q <sub>1</sub> E G G	B	Q <sub>1</sub>	E	G	G	-30/+120
Diğer Tip Mekanik Salmastralar						
V B V G G	V	B	V	G	G	-10/+120
Q <sub>1</sub> B V G G	Q <sub>1</sub>	B	V	G	G	-10/+120
Q <sub>1</sub> Q <sub>1</sub> V G G	Q <sub>1</sub>	Q <sub>1</sub>	V	G	G	-10/+120
V B E G G	V	B	E	G	G	-30/+120
Q <sub>1</sub> B E G G	Q <sub>1</sub>	B	E	G	G	-30/+120
Q <sub>1</sub> Q <sub>1</sub> E G G	Q <sub>1</sub>	Q <sub>1</sub>	E	G	G	-30/+120

## EIL R Salmastra Tipi

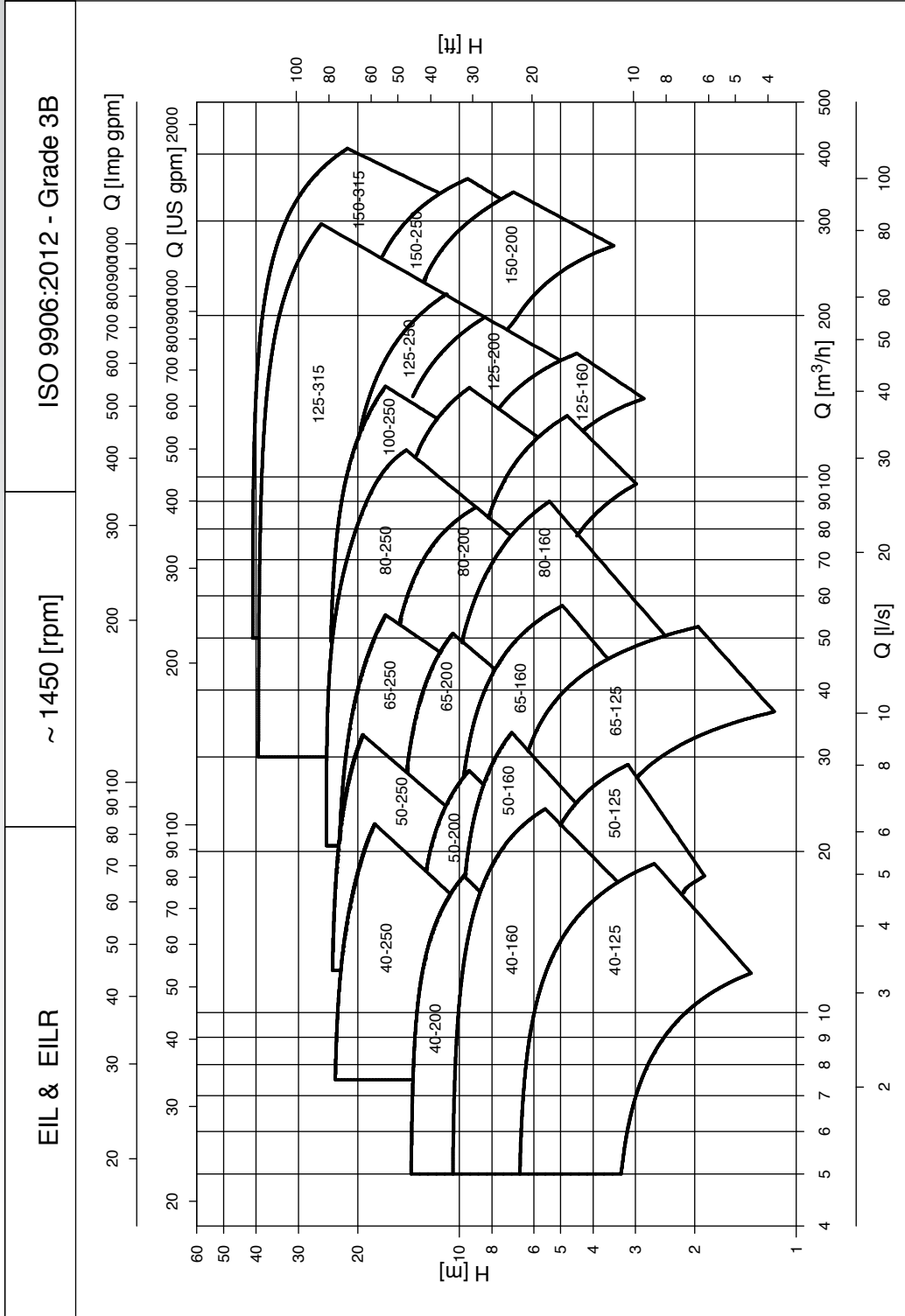
TİP	Pozisyon					Sıcaklık (°C)
	1 Dönen Parça	2 Sabit Parça	3 Elastikler	4 Yaylar	5 Diğer Parçalar	
Standart Mekanik Salmastra						
Q <sub>1</sub> B E G G	Q <sub>1</sub>	B	E	G	G	-30/+120
Diğer Tip Mekanik Salmastralar						
Q <sub>1</sub> B V G G	Q <sub>1</sub>	B	V	G	G	-10/+120
Q <sub>1</sub> Q <sub>1</sub> V G G	Q <sub>1</sub>	Q <sub>1</sub>	V	G	G	-10/+120

## Basınç / Sıcaklık Limitleri (Herhangi Bir Salmastra Tipi İçin)





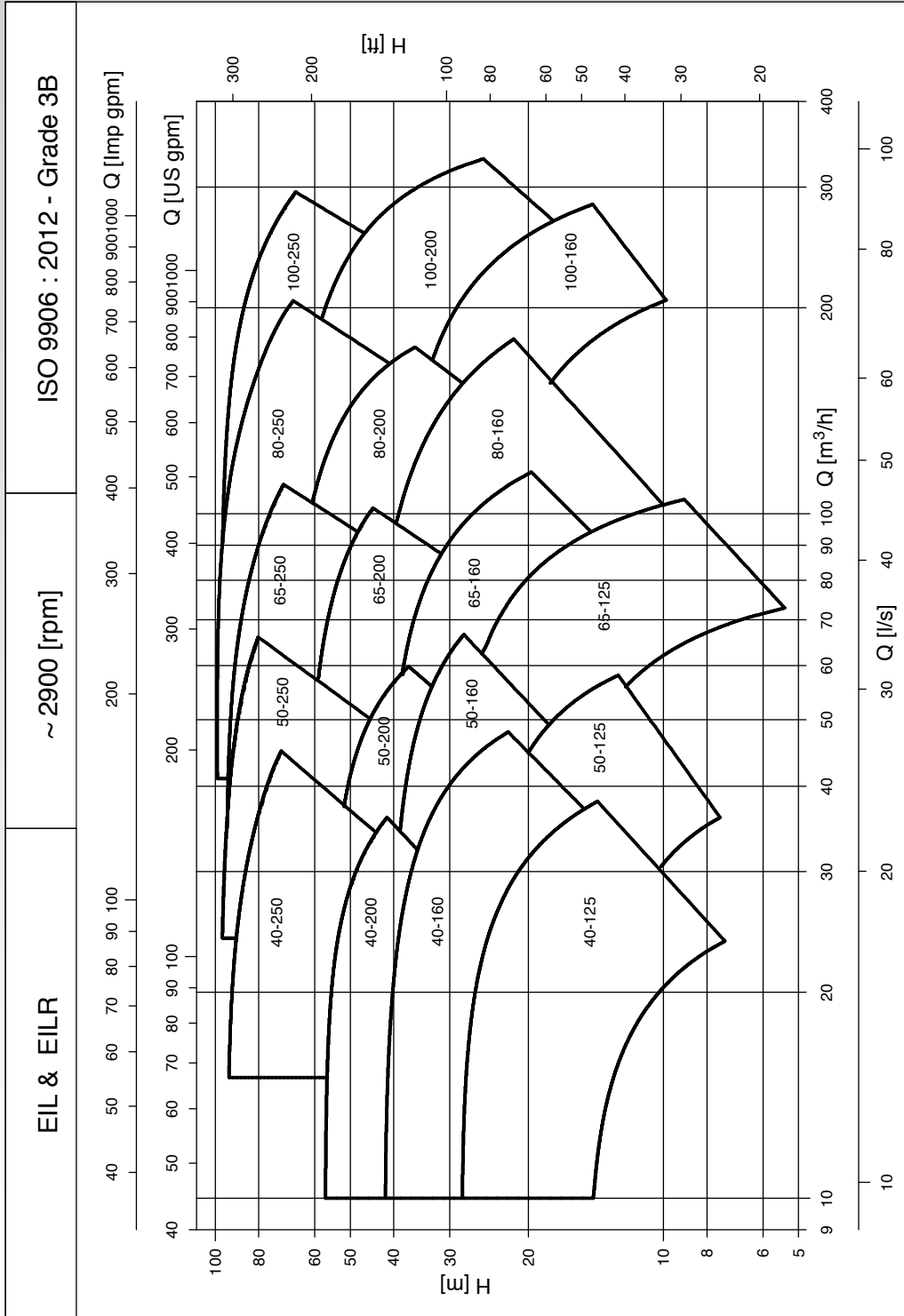
### 4 Kutuplu Motor (1450 d/dk)



# EIL 4, EIL R 4 HİDROLİK PERFORMANS TABLOSU (1450 d/dk)

POMPA TIPI	GÜÇ		Q : DEBİ																							
			l/min 0	50	100	150	175	200	300	350	400	500	50	650	750	900	1100	1200	1500	1800	2000	2500	3000			
	KW	HP	m <sup>3</sup> /h 0	3	6	9	10.5	12	18	21	24	30	36	39	45	54	66	72	90	108	120	150	200			
H: HİDROLİK BASMA YÜKSEKLİĞİ																										
40-125/02B	0.25	0.3	4.7	4.1	3.3																					
40-125/02A	0.25	0.3	5.9	5.3	4.5	3.3	2.5																			
40-125/02	0.25	0.3	7.1	6.4	5.5	4.3	3.6	2.6																		
40-125/03	0.37	0.5	8.9	8.1	7.2	6.0	5.2	4.4																		
40-160/03	0.37	0.5	6.8		6.7	6.3	5.8	5.3																		
40-160/05	0.55	0.75	8.2		8.2	7.9	7.5	7.2																		
40-160/07	0.75	1	9.6		9.8	9.6	9.2	9.0	7.1	5.7																
40-200/05	0.55	0.75	12.4	11.4	10.1	8.2	7.1																			
40-200/07	0.75	1	14.2	13.2	11.9	10.1	9.1	7.9																		
40-200/11	1.1	1.5	18.6	17.3	15.7	13.9	12.8	11.6																		
40-250/11	1.1	1.5	16.9		16.1	15.8	15.3	15.0	12.8																	
40-250/15	1.5	2	16.9		18.1	17.8	17.3	17.0																		
40-250/22	2.2	3	22.8			21.8	21.6	21.3	19.0	17.4	15.4															
50-125/02	0.25	0.3	6.2		5.5	5.0	4.6	4.3	2.7	1.8																
50-125/03	0.37	0.5	8.0		7.4	6.8	6.5	6.1	4.4	3.5	2.5															
50-125/05	0.55	0.75	9.4		8.8	8.2	7.9	7.5	5.9	4.9	3.9															
50-160/05	0.55	0.75	6.5		6.5	6.4	6.4	6.3	5.8	5.3																
50-160/07	0.75	1	8.0		8.0	7.9	7.8	7.8	7.4	7.0	6.5															
50-160/11	1.1	1.5	9.8				9.7	9.7	9.3	9.0	8.6															
50-200/07	0.75	1			11.4		10.5	9.9	9.5	9.1	7.1	5.6	3.7													
50-200/11	1.1	1.5	11.9			11.9	11.8	11.5	11.0	10.2	9.4															
50-200/15	1.5	2	13.5			13.4	13.4	13.3	12.6	12.0	11.2	8.5														
50-250/15	1.5	2	14.9			14.8	14.5	14.2	13.5	12.9	12.0															
50-250/22	2.2	3	20.2		18.9	18.2	17.8	17.4	15.5	14.3	13.0	10.0														
50-250/22A	2.2	3	18.1					17.8	16.8	16.0	15.5															
50-250/22	2.2	3	20.7					20.0	19.1	18.6	18.0	16.0														
50-250/30	3	4	23.5					23.2	22.6	22.0	21.3	19.6														
65-125/05	0.55	0.75	6.7					5.9	5.4	5.1	4.7	3.9	2.8	2.2												
65-125/07	0.75	1	8.6					7.8	7.2	6.8	6.4	5.4	4.3	3.7	2.4											
65-125/11	1.1	1.5	10.6					9.7	9.0	8.6	8.2	7.2	5.9	5.3	3.8											
65-160/11A	1.1	1.5	8.2					7.7	7.6	7.4	7.2	6.7	5.9	5.4	4.3											
65-160/11	1.1	1.5	8.9					8.9	8.7	8.6	8.4	7.9	7.3	6.7	5.7											
65-160/15	1.5	2	10.6					10.1	9.9	9.8	9.6	9.3	8.6	8.2	7.3	5.3										
65-200/15	1.5	2	14.7					13.2	12.1	11.6	11.0	9.7	8.1	7.0	4.2											
65-200/22	2.2	3	19.0					17.6	16.6	16.0	15.4	14.1	12.7	11.9	10.1	6.5										
65-200/30	3	4	21.4					20.1	19.1	18.5	17.9	16.6	15.2	14.4	12.6	9.4										
65-250/22	2.2	3	16.8					16.7	16.4	16.1	16.0	15.0	13.9	13.2												
65-250/30	3	4	18.8						18.5	18.2	18.0	17.1	16.0	15.4	14.1											
65-250/40	4	5.5	23.1						22.8	22.8	22.8	21.8	20.9	20.3	19.0	17.0										
80-125/07	0.75	1	5.6						5.2	5.1	5.0	4.6	4.3	4.1	3.6	2.8	1.6									
80-125/11	1.1	1.5	6.8						6.4	6.3	6.2	6.0	5.7	5.5	5.1	4.3	3.1	2.5								
80-160/11	1.1	1.5	7.0					7.0	6.9	6.8	6.5	6.2	5.8	5.6	5.2	4.2										
80-160/15A	1.5	2	8.0								7.5	7.2	6.8	6.6	6.2	5.2	4.0									
80-160/15	1.5	2	8.9								8.4	8.2	7.8	7.6	7.2	6.4	5.1	4.5								
80-160/22A	2.2	3	10.9								10.4	10.2	9.8	9.6	9.3	8.5	7.4	6.8								
80-160/22	2.2	3	11.5								11.1	10.7	10.5	10.3	9.9	9.3	8.2	7.7								
80-200/22	2.2	3	12.8								12.2	11.9	11.5	11.2	10.6	9.5	7.2	6								
80-200/30	3	4	14.3								13.9	13.5	13.2	12.9	12.4	11.2	9.4	8.2								
80-200/40	4	5.5	17.6								17.1	16.8	16.6	16.4	15.9	14.9	13.1	12.1	8.3							
80-250/55A	5.5	7.5	18.70								19.0	18.9	18.8	18.7	18.2	17.2	15.5	14.7	12.0							
80-250/55	5.5	7.5	21.20								21.6	21.6	21.3	21.1	20.9	20.1	18.4	17.7	14.8							
80-250/75	7.50	10.00	24.00								24.3	24.3	24.2	24.1	24.0	23.2	21.8	20.9	18.0							
100-160/15	1.5	2.00	6.60								6.3	6.3	6.2	6.1	6.0	5.9	5.6	5.3	4.8	3.5						
100-160/22A	2.2	3.00	8.00										7.6	7.5	7.5	7.4	7.1	6.7	6.4	5.3	3.7					
100-160/22	2.2	3.00	9.10										8.6	8.5	7.4	8.4	8.2	7.8	7.6	6.6	5.2	4.3				
100-160/30	3.0	4.0	10.1										9.7	9.6	9.6	9.4	9.3	8.8	8.6	7.8	6.4	5.6	3.8			
100-200/30	3.0	4.0	11.3											10.9	10.8	10.5	10.1	9.3	9.0	7.5	5.3	4.2				
100-200/40	4.0	5.5	13.7											13.1	13.0	12.9	12.5	11.9	11.5	10.3	8.7	7.2				
100-200/55A	5.5	7.5	15.6											15.1	15.0	14.9	14.4	14.0	13.7	12.6	10.9	9.8	5.7			
100-200/55	5.5	7.5	17.4											16.9	16.9	16.8	16.3	15.8	15.5	14.4	13.0	12.0	7.3			
100-250/55A	5.5	7.5	16.5											15.9	15.8	15.7	15.3	14.9	14.5	13.1	11.1					
100-250/55	5.5	7.5	18.7											18.0	18.0	17.9	17.7	17.0	16.9	15.7	13.9	12.7				
100-250/75	7.5	10.0	21.2											20.5	20.4	20.2	20.0	19.7	19.4	18.2	16.8	15.5				
100-250/110	11.0	15.0	24.6											24.0	23.9	23.8	23.4	23.1	22.9	22.0	20.5	19.4				

2 Kutuplu Motor (2900 d/dk)

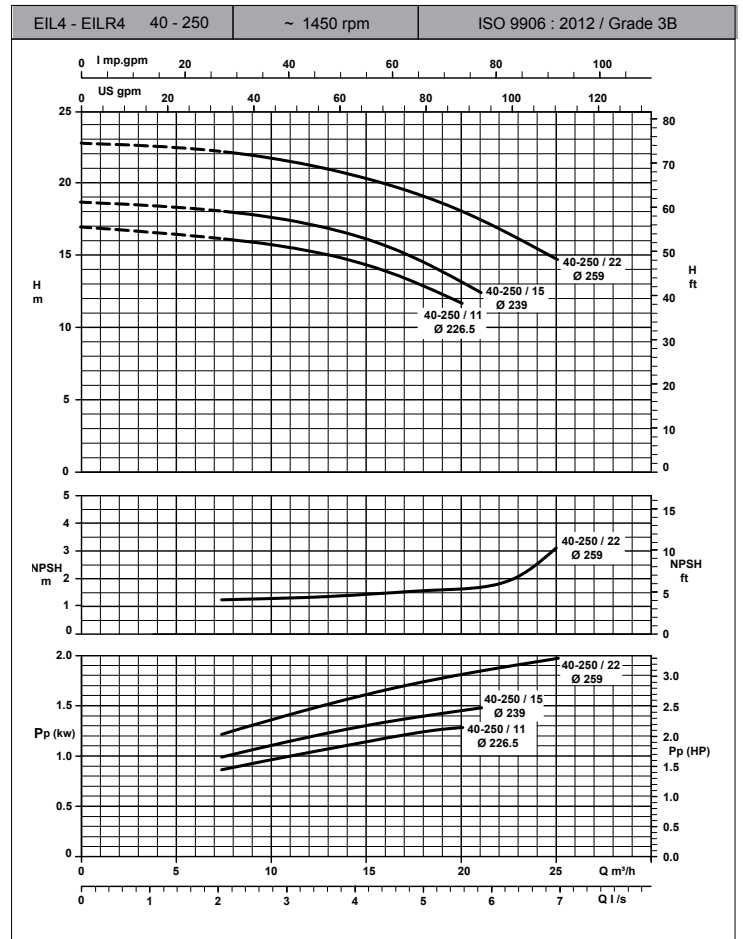
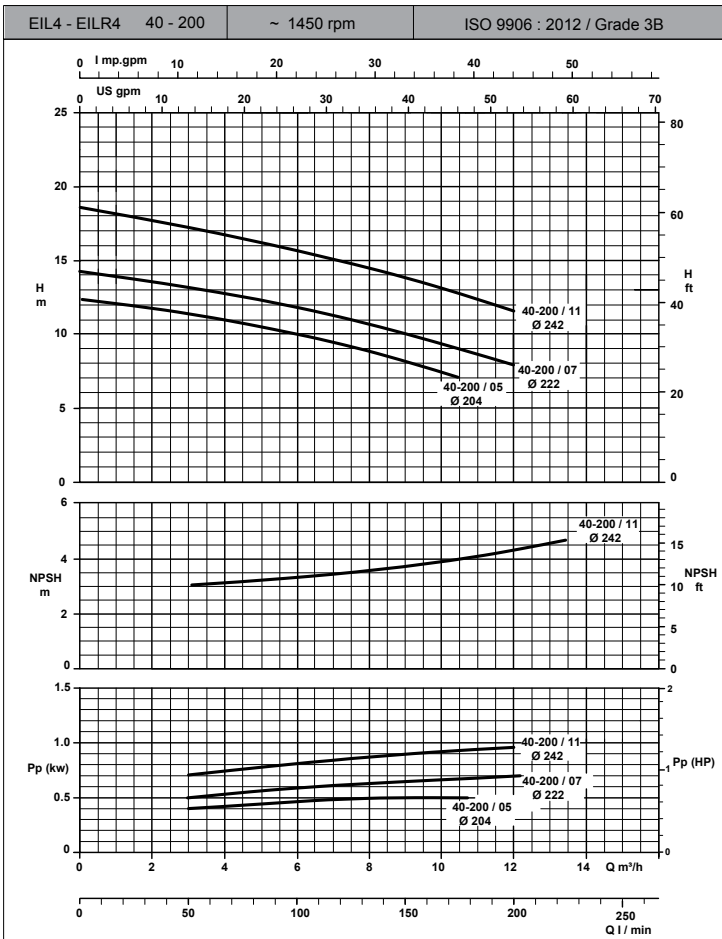
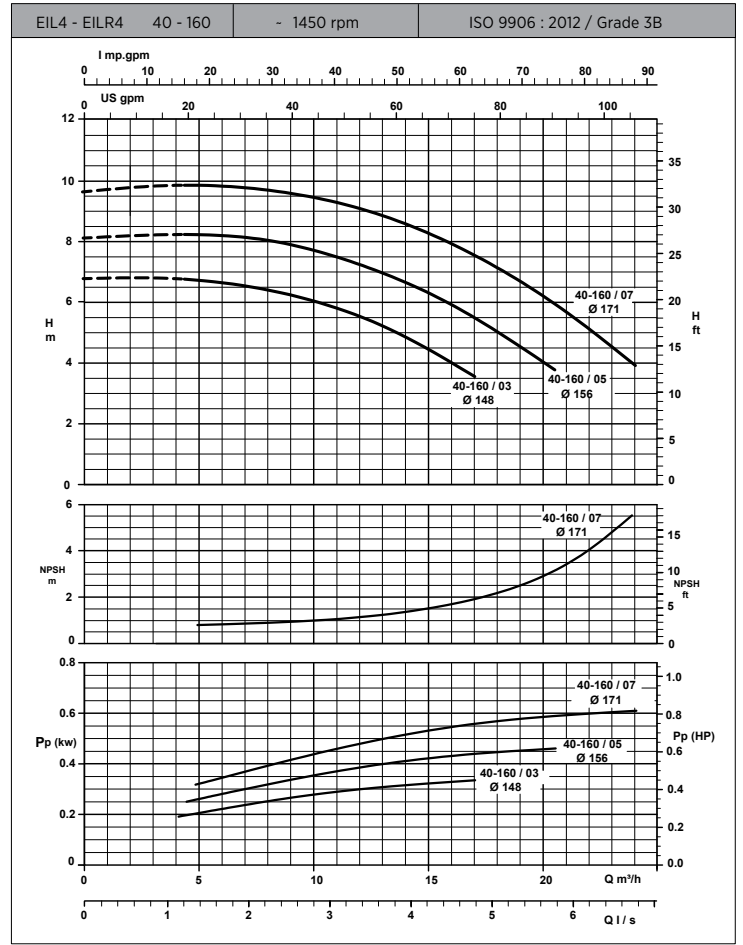
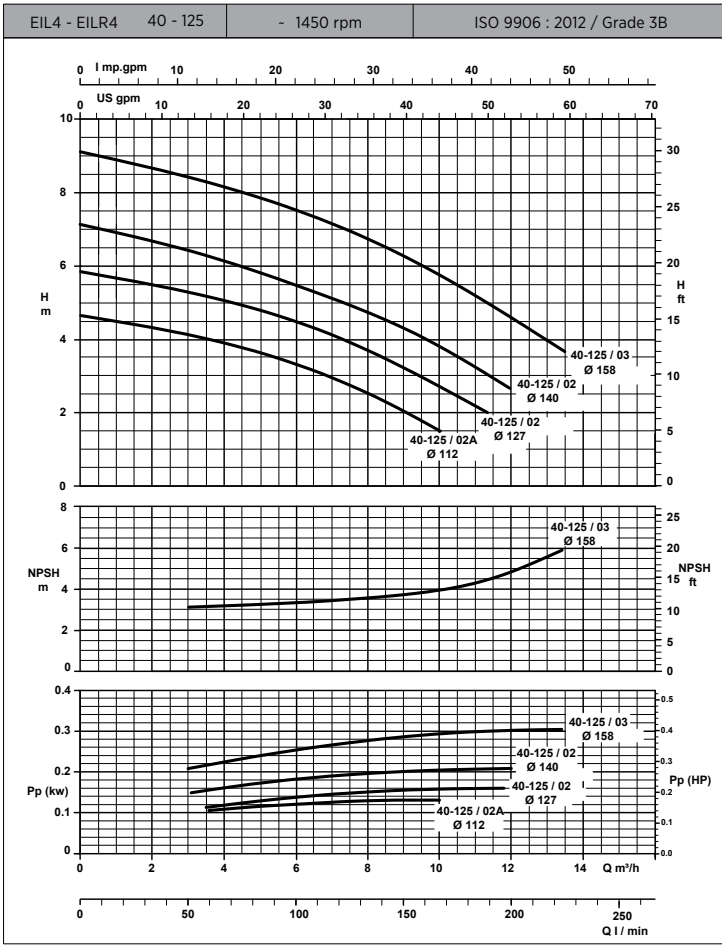


# EIL, EIL R HİDROLİK PERFORMANS TABLOSU (2900 d/dk)

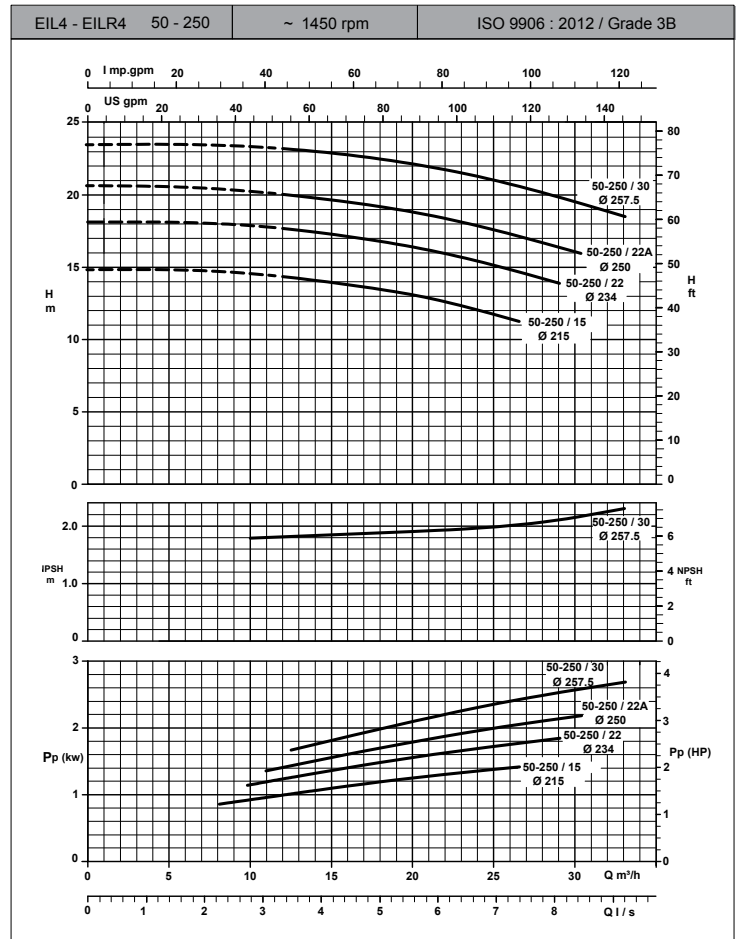
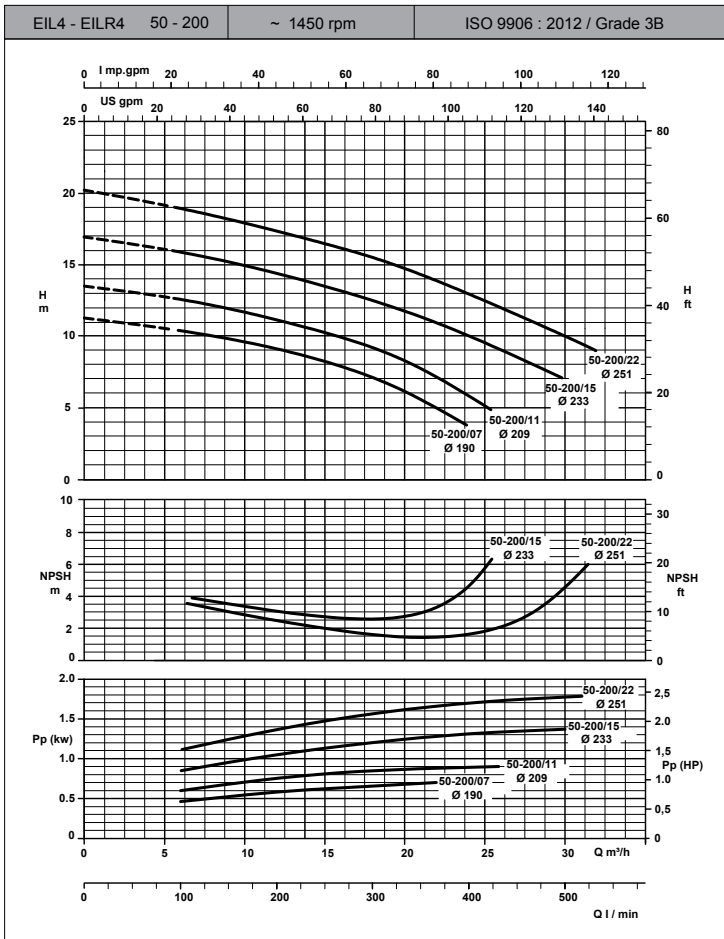
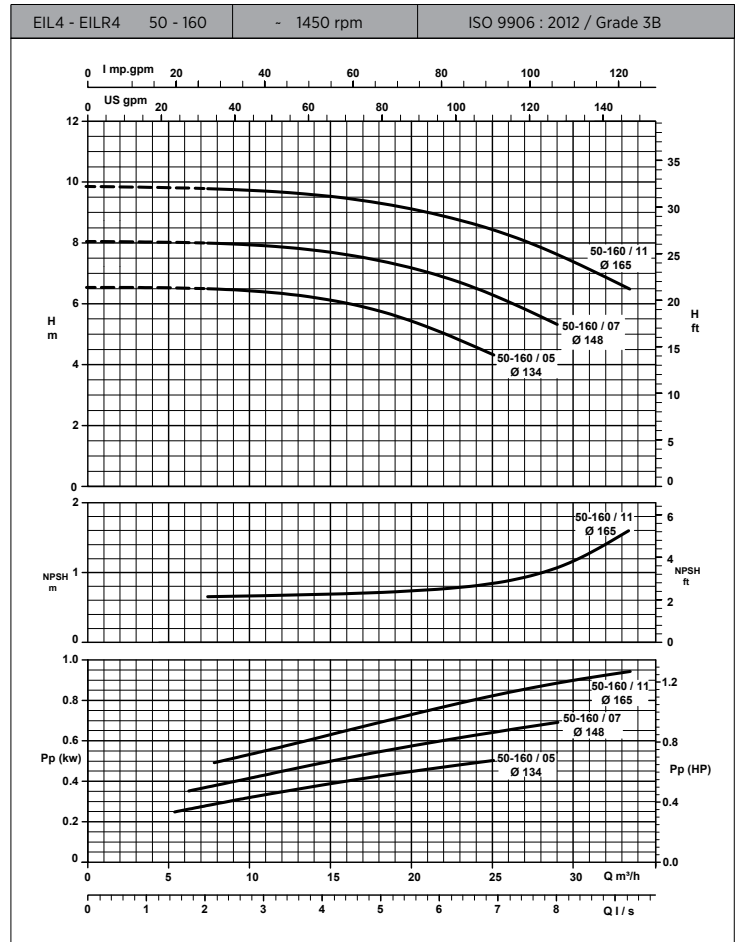
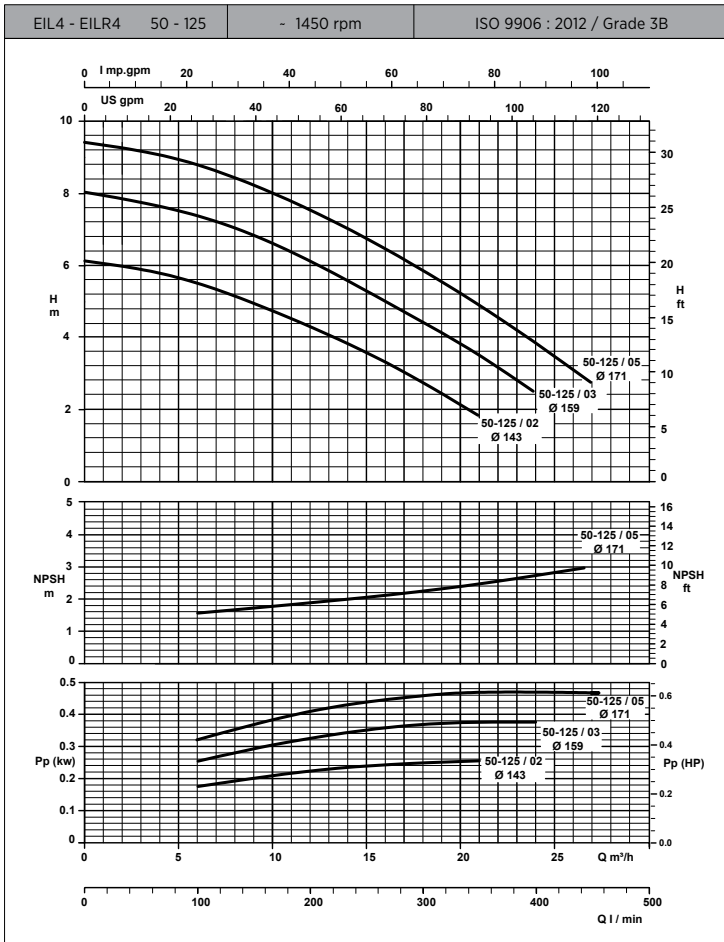
POMPA TİPİ	GÜÇ		Q : DEBİ																										
			l/min 0	100	200	350	375	400	600	700	800	850	1000	1200	1300	1500	1600	1750	1950	2500	3000	3500	4000	4500	5000				
	KW	HP	m <sup>3</sup> /h 0	6	12	21	22.5	24	36	42	48	51	60	72	78	90	96	105	117	150	180	210	240	270	300				
H: HİDROLİK BASMA YÜKSEKLİĞİ																													
40-125/07	0.75	1.0	17.1	15.1	11.8	3.6																							
40-125/11	1.1	1.5	22.6	20.2	16.7	8.8	7.0																						
40-125/15	1.5	2.0	27.3	24.7	20.9	13.1	11.3	9.3																					
40-125/22	2.2	3.0	35.3	32.6	28.8	21.1	19.5	17.7																					
40-160/30	3.0	4.0	28.4		28.9	26.9	26.0	25.0																					
40-160/40	4.0	5.5	33.7		34.2	32.3	31.5	31.0	23.2																				
40-160/55	5.5	7.5	39.6		40.5	38.6	38.4	37.2	30.0	24.8																			
40-200/30	3.0	4.0	42.5	38.9	34.0																								
40-200/40	4.0	5.5	51.0	46.9	41.7	30.6																							
40-200/55	5.5	7.5	62.0	57.6	51.3	39.6	37.1																						
40-200/75	7.5	10.0	75.4	71.1	65.0	52.9	50.3																						
40-250/110A	11.0	15.0	67.4		69.8	69.0	66.2	65.8																					
40-250/110	11.0	15.0	75.3		77.0	76.0	73.8	72.8																					
40-250/150	15.0	20.0	91.5			88.5	88.0	87.4	78.8																				
50-125/11	11.0	15.0	15.3		13.5	11.1	10.6	10.1	5.4																				
50-125/15	15.0	20.0	19.1		17.5	14.9	14.4	13.8	8.6	5.5																			
50-125/22	2.2	3.0	26.1		23.9	21.1	20.5	20.0	14.7	11.6																			
50-125/30	3.0	4.0	32.8		30.6	27.2	26.5	25.9	19.9	16.6	13.1																		
50-125/40	4.0	5.5	38.1		36.1	32.9	32.3	31.6	25.1	21.3	17.3	15.3																	
50-160/40	4.0	5.5	26.5			26.6	26.4	25.5	24.0	22.0	19.4																		
50-160/55	5.5	7.5	32.6			32.8	32.5	32.2	30.5	29.0	27.0	25.9																	
50-160/75	7.5	10.0	39.8			40.0	39.8	39.8	38.5	37.4	35.9	34.8	31.0																
50-200/55	5.5	7.5	47.0		43.5	39.6	38.8	38.0	30.3																				
50-200/75	7.5	10.0	56.0		52.0	48.2	47.5	46.7	39.4	34.9																			
50-200/110A	11.0	15.0	63.2		59.4	55.3	54.5	53.8	46.7	42.6	38.0																		
50-200/110	11.0	15.0	69.4		65.3	61.3	60.6	59.8	53.2	49.4	45.0	42.5																	
50-250/110	11.0	15.0	60.6			58.5	58.0	57.0	55.0	47.5	50.0	48.0																	
50-250/150	15.0	20.0	73.4					72.0	68.5	66.3	63.0	62.0																	
50-250/185	18.5	25.0	84.0					83.5	80.0	78.0	75.0	73.6																	
50-250/220	22.0	30.0	95.6					95.0	93.0	90.0	88.0	86.0																	
65-125/22	2.2	3.0	18.8					16.4	14.3	13.0	11.4	10.6	7.9																
65-125/30	3.0	4.0	22.9					20.3	18.1	16.7	15.2	14.3	11.6																
65-125/40	4.0	5.5	26.6					24.4	22.4	21.1	19.7	18.9	16.3	12.1															
65-125/55	7.5	10.0	35.1					32.5	30.1	28.7	27.1	26.3	23.5	19.1															
65-125/75	7.5	10.0	42.6					40.0	37.4	35.8	34.0	33.1	29.9	25.2	22.5														
65-160/75	7.5	10.0	33.4					32.1	31.6	31.0	30.0	29.4	28.0	25.0	22.3														
65-160/110A	11.0	15.0	38.1					36.6	35.9	35.7	34.6	34.3	33.0	30.4	28.0	24.0	21.8												
65-160/110	11.0	15.0	43.0					41.8	40.7	40.2	38.5	39.3	38.0	36.0	34.0	30.3	28.0	24.0											
65-200/110A	11.0	15.0	53.0					47.6	44.1	42.2	40.1	39.0	35.2	28.4	24.0														
65-200/110	11.0	15.0	61.0					55.2	51.3	49.3	47.1	45.9	42.1	35.8	31.8	30.3	28.2	24.0											
65-200/150	15.0	20.0	70.0					66.3	63.0	61.1	58.9	57.8	54.2	48.9	46.1	40.0													
65-200/185	18.5	25.0	80.0					75.2	71.8	69.9	67.7	66.6	63.0	57.6	54.6	47.9													
65-250/185	18.5	25.0	67.3					67.0	67.2	66.6	65.7	65.0	63.0	57.5	55.0														
65-250/220	22.0	30.0	75.3					76.0	75.8	75.0	74.0	73.5	71.5	67.0	65.0	60.0													
65-250/300	30.0	40.0	92.7					94.7	94.8	94.0	93.7	93.0	90.0	86.8	84.7	80.0	78.3	73.5											
80-125/30	3.0	4.0	15.5					14.5	14.1	13.6	13.3	12.3	10.7	9.9															
80-125/40	4.0	5.5	19.0					18.0	17.6	17.0	16.8	15.8	14.2	13.3	11.5														
80-125/55	5.5	7.5	23.0						21.0	20.5	20.2	19.3	18.0	17.2	15.5	14.5													
80-160/75	7.5	10.0	28.1					27.8	27.2	26.8	26.2	25.9	25.0	23.8	22.7														
80-160/110A	11.0	15.0	31.9							30.5	30.3	29.9	29.3	27.8	27.0	25.0	24.0	22.4	20.0										
80-160/110	11.0	15.0	35.6							34.4	34.0	33.8	33.0	31.8	30.7	29.4	28.2	26.7	24.2	16.7									
80-160/150	15.0	20.0	43.5							42.2	42.0	41.9	41.0	40.0	39.3	37.8	36.4	35.2	33.0	26.0									
80-160/185	18.5	25.0	46.2							45.0	44.6	44.3	44.0	42.7	42.0	40.5	39.7	38.0	35.7	29.3									
80-200/185	18.5	25.0	49.9							50.0	49.3	48.8	48.0	40.5	45.4	43.0	42.0	39.7	35.9										
80-200/220	22.0	30.0	55.6							55.9	55.5	55.3	54.0	52.3	51.5	49.0	47.8	45.9	43.6										
80-200/300	30.0	40.0	68.6							69.7	69.4	69.0	68.0	66.3	65.8	63.5	62.7	61.8	58.0	57.7									
80-250/370	37.0	50.0	76.0							77.5	77.2	76.8	76.0	75.4	75.0	73.0	72.0	70.0	66.5	60.0	48.6								
100-160/110	11.0	15.0	26.7							25.8	25.7	25.5	25.2	24.6	24.3	24.0	23.5	23.0	22.0	18.3	14.0								
100-160/150	15.0	20.0	32.4										30.5	30.1	30.0	29.7	29.4	28.7	28.0	25.0	21.5								
100-160/185	18.5	25.0	36.8										35.0	34.6	34.2	34.0	33.8	33.5	32.5	30.0	26.5	22.3	17.0						
100-160/220	22.0	30.0	41.1										39.5	39.0	38.5	38.1	38.0	37.6	36.8	34.4	31.6	27.7	22.8	15.0					
100-200/220	22.0	30.0	44.1										44.1	44.0	43.8	42.5	42.0	41.6	40.3	36.5	32.0	25.7	16.5						
100-200/300	30.0	40.0	53.8										54.0	53.8	53.6	52.8	52.3	51.5	50.4	47.0	41.5	38.0	31.0	22.0					

# EIL 4 - EIL R 4 SERİSİ HİDROLİK PERFORMANS EĞRİLERİ

# ETNA®

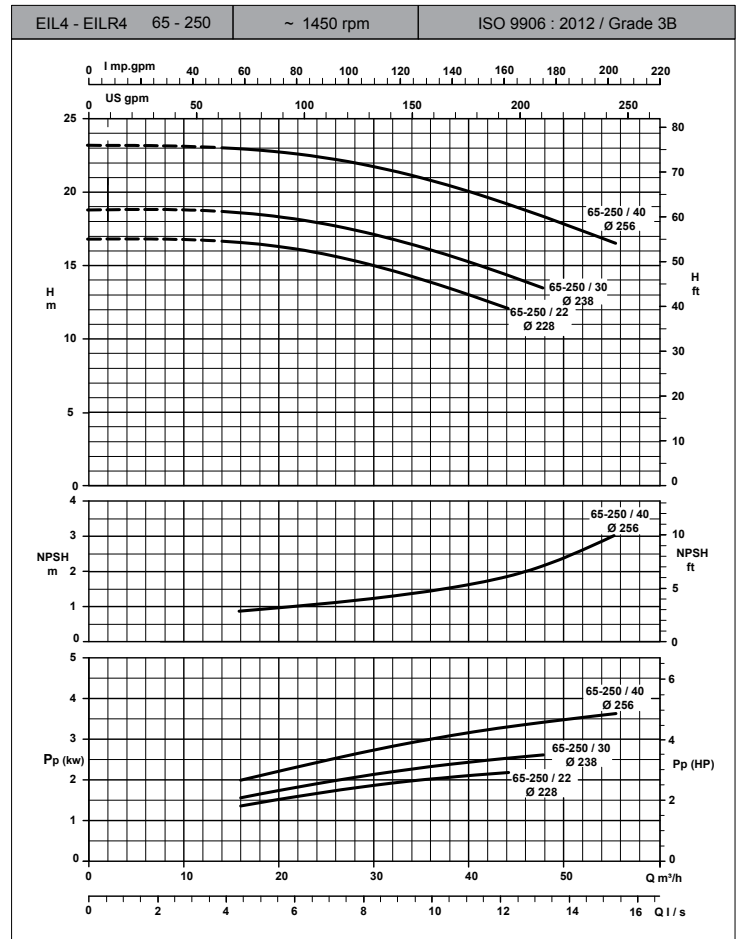
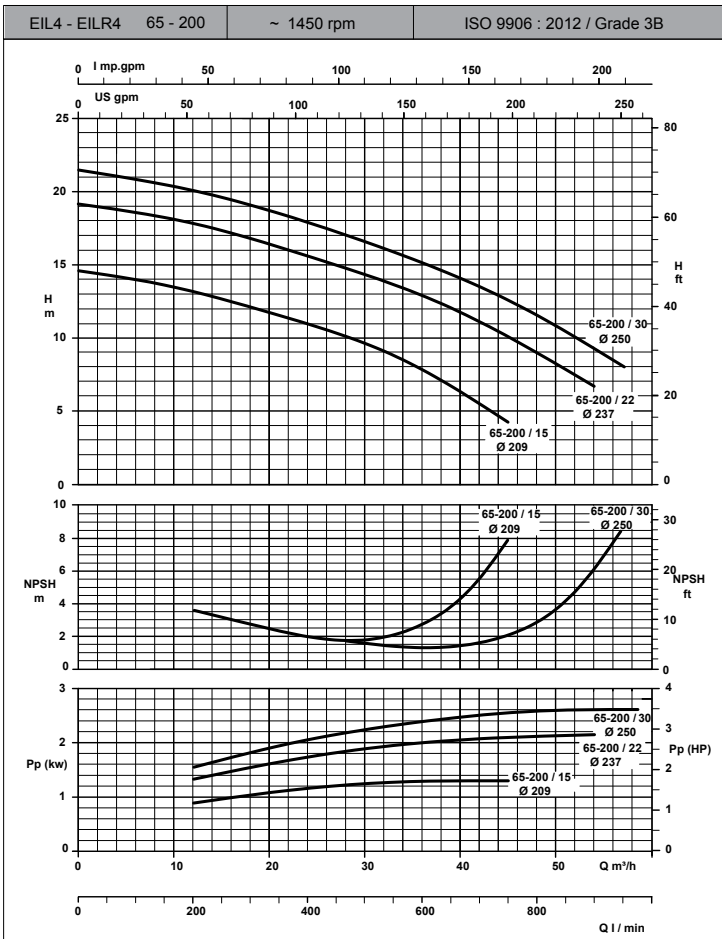
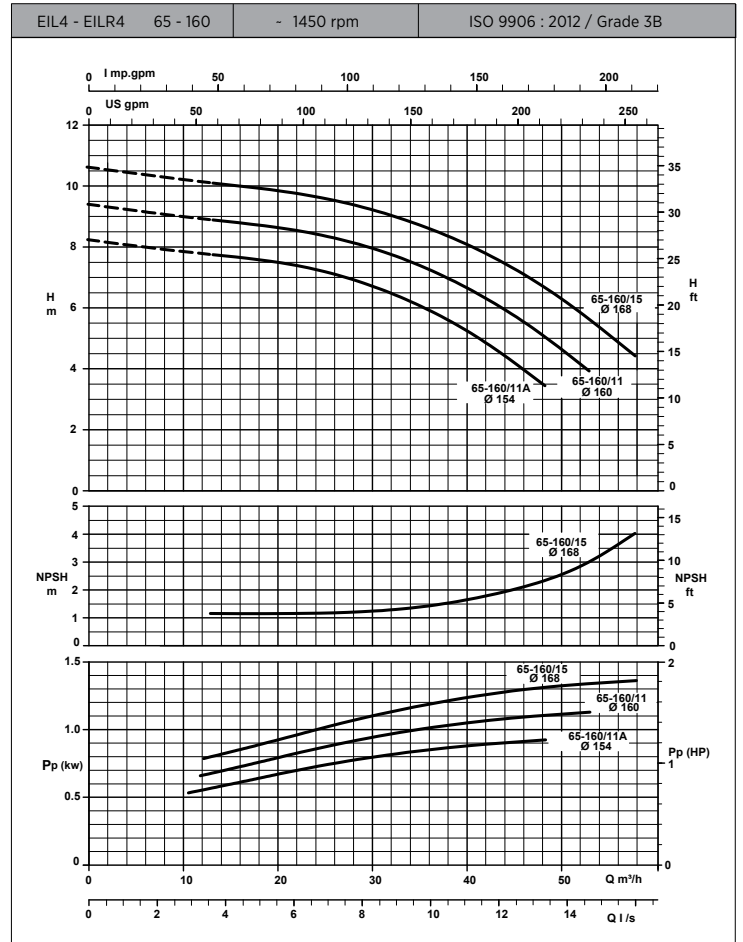
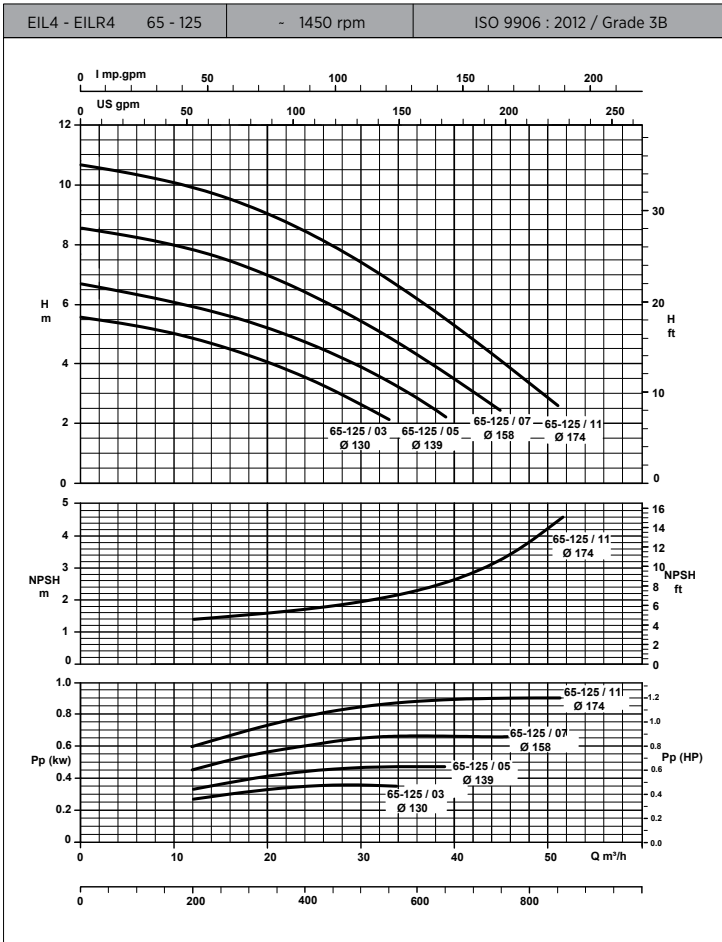


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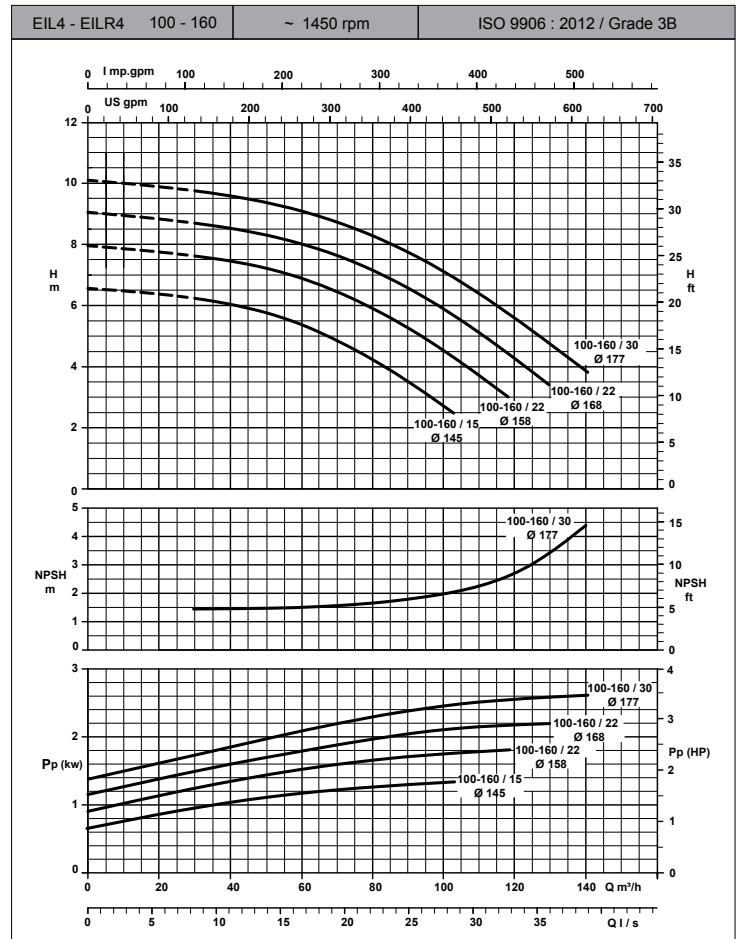
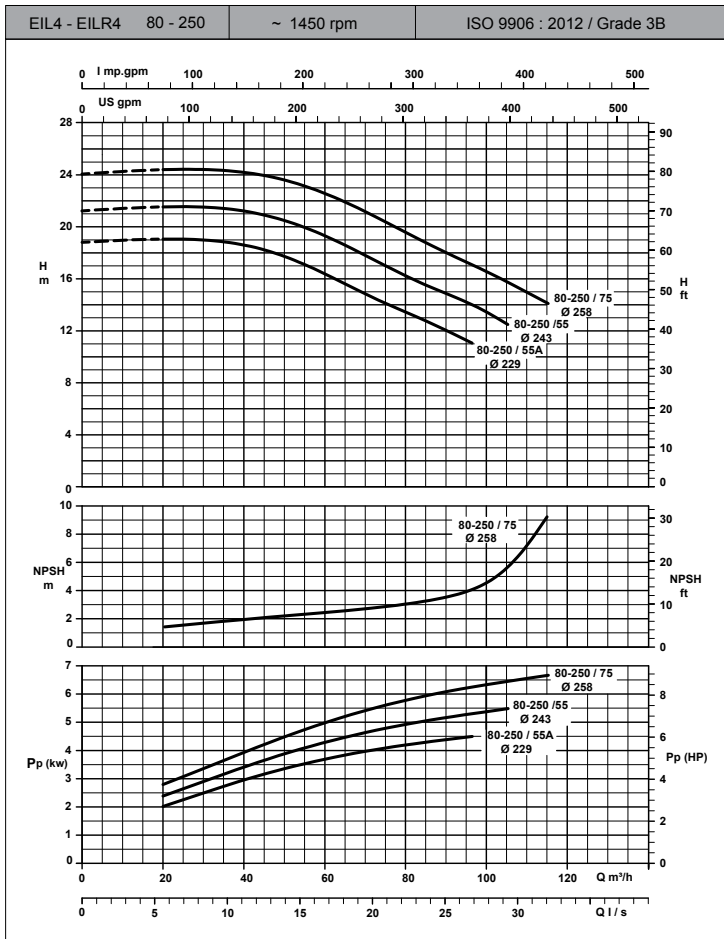
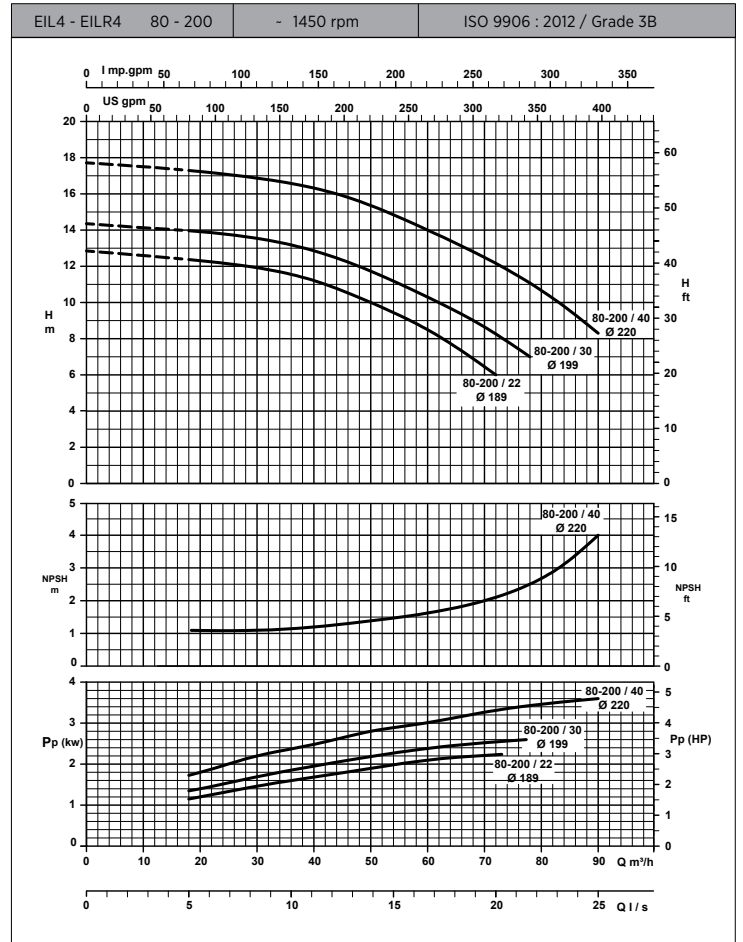
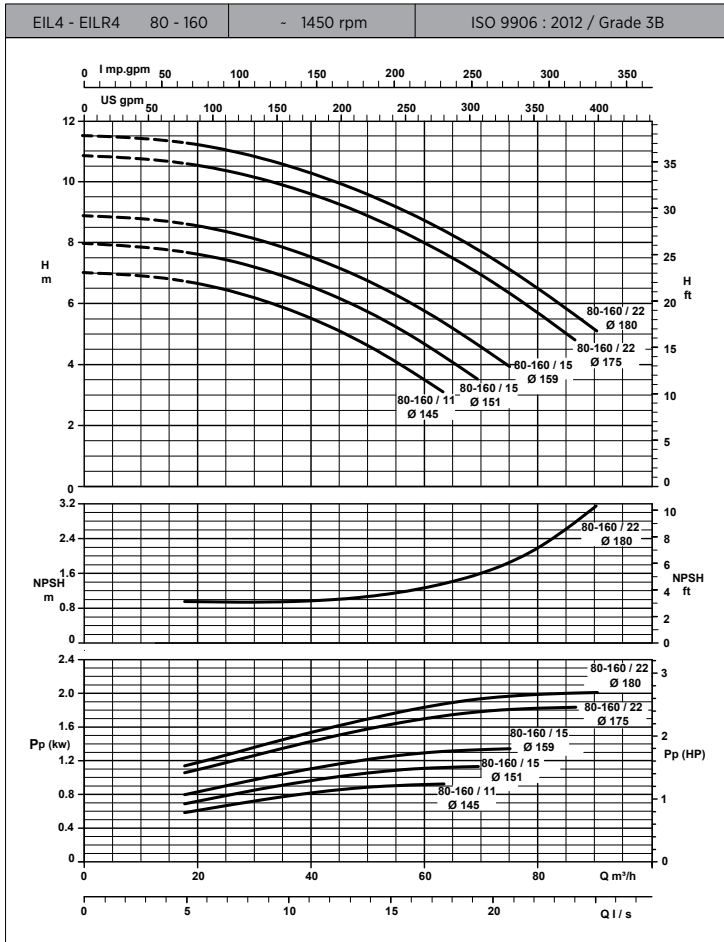


# EIL 4 - EIL R 4 SERİSİ HİDROLİK PERFORMANS EĞRİLERİ

# ETNA®

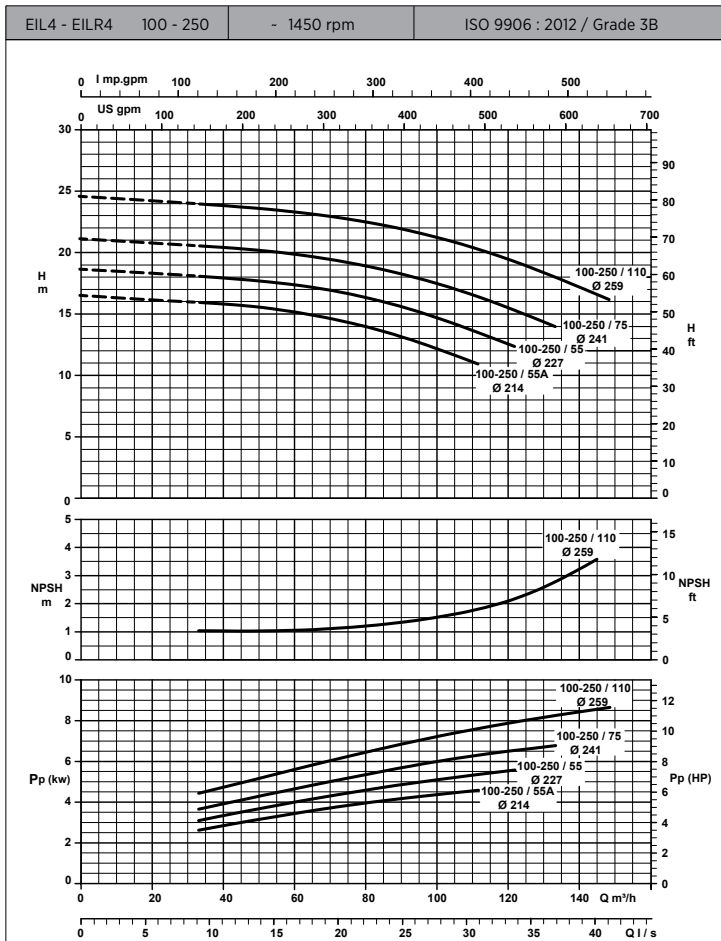
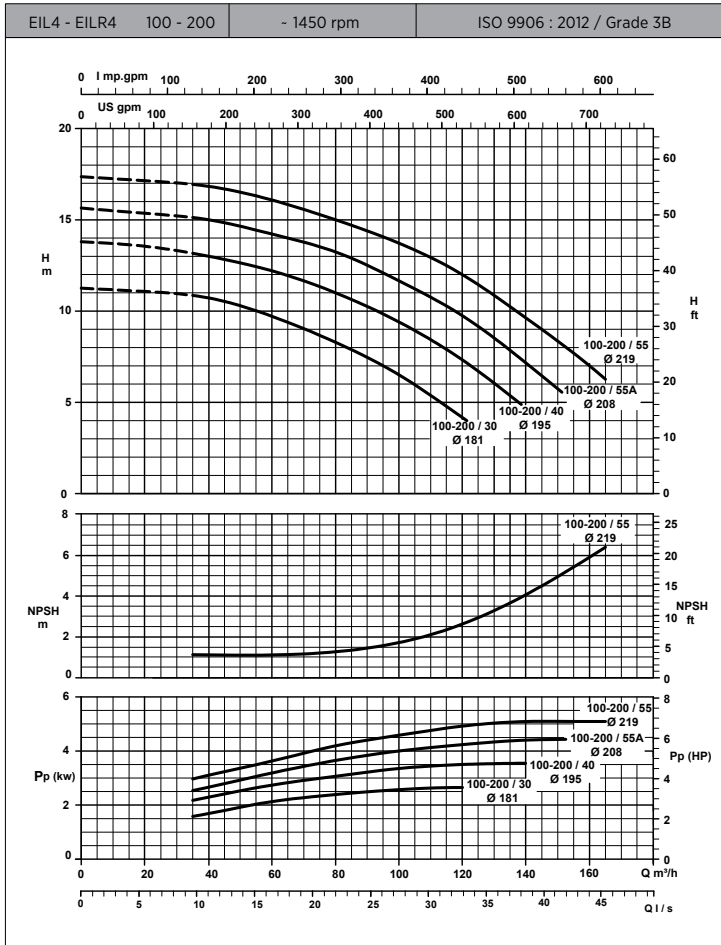


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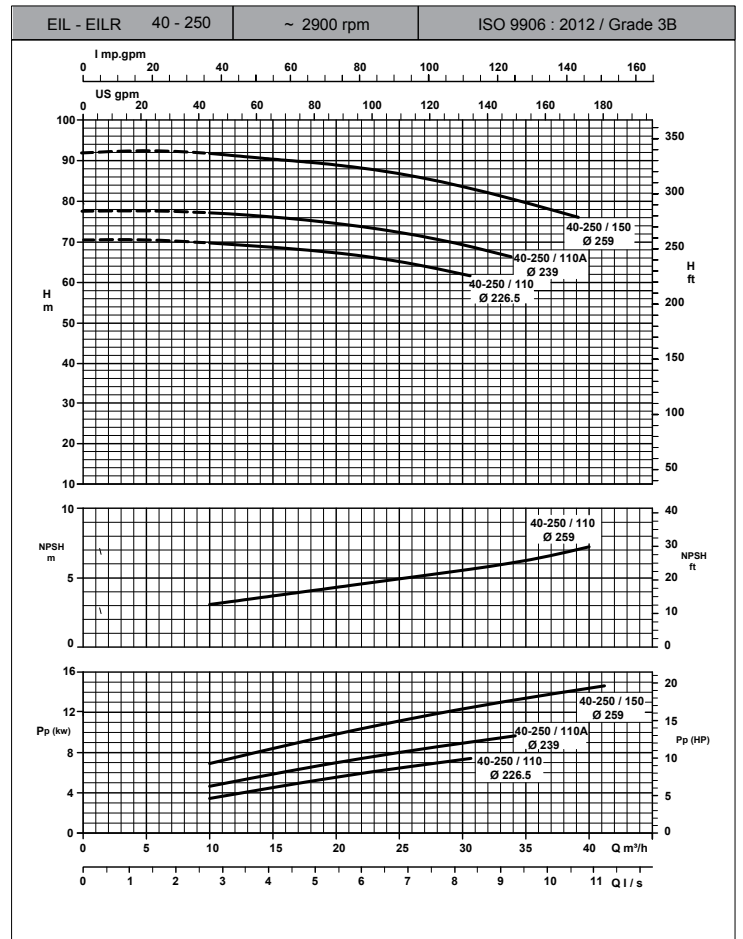
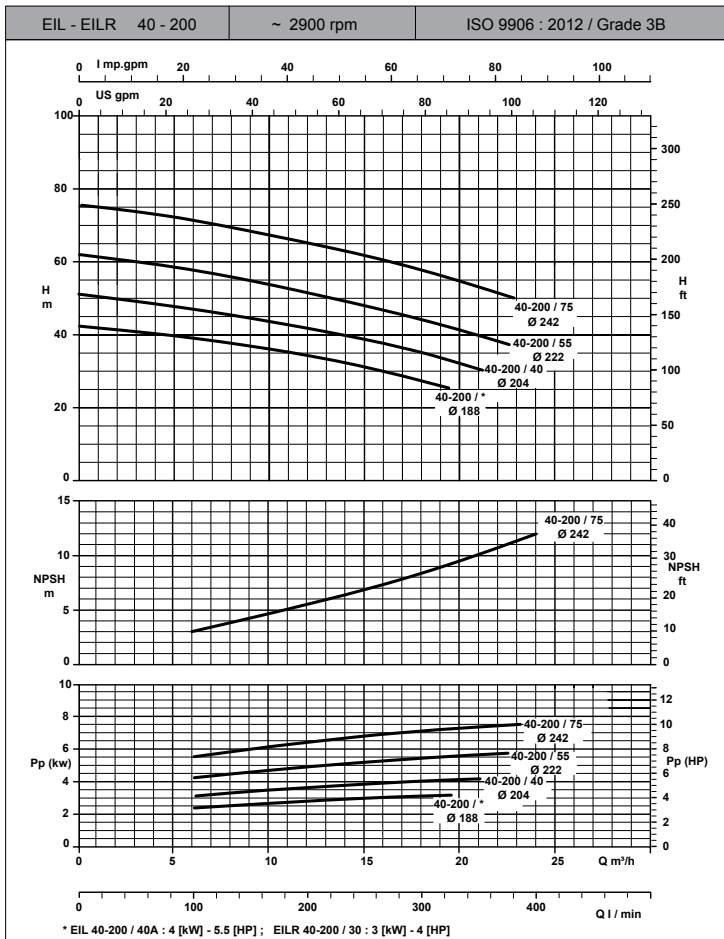
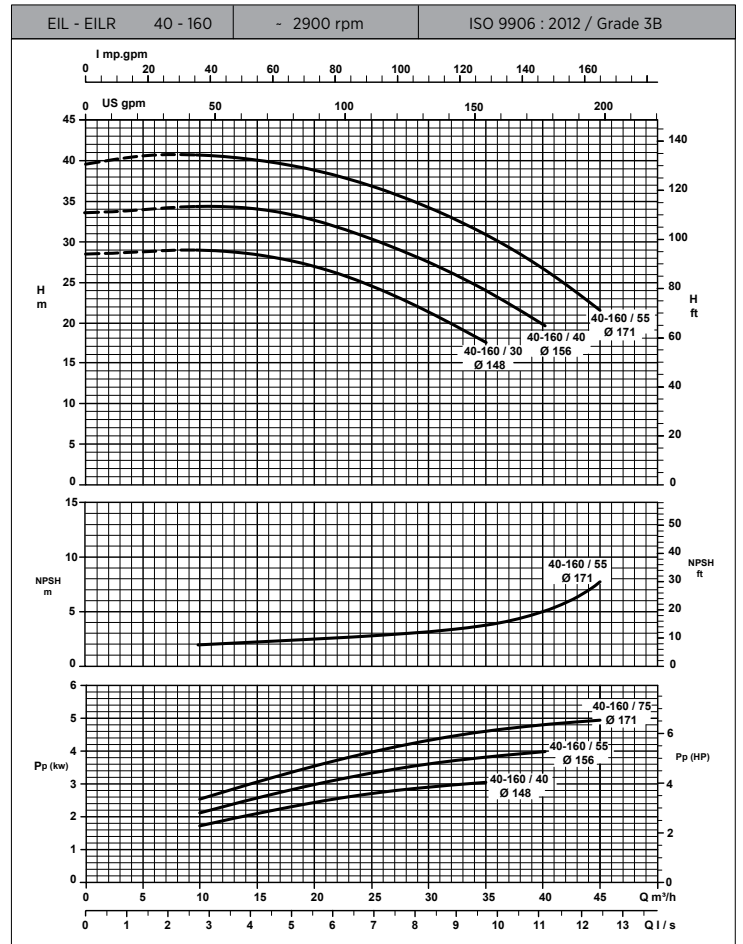
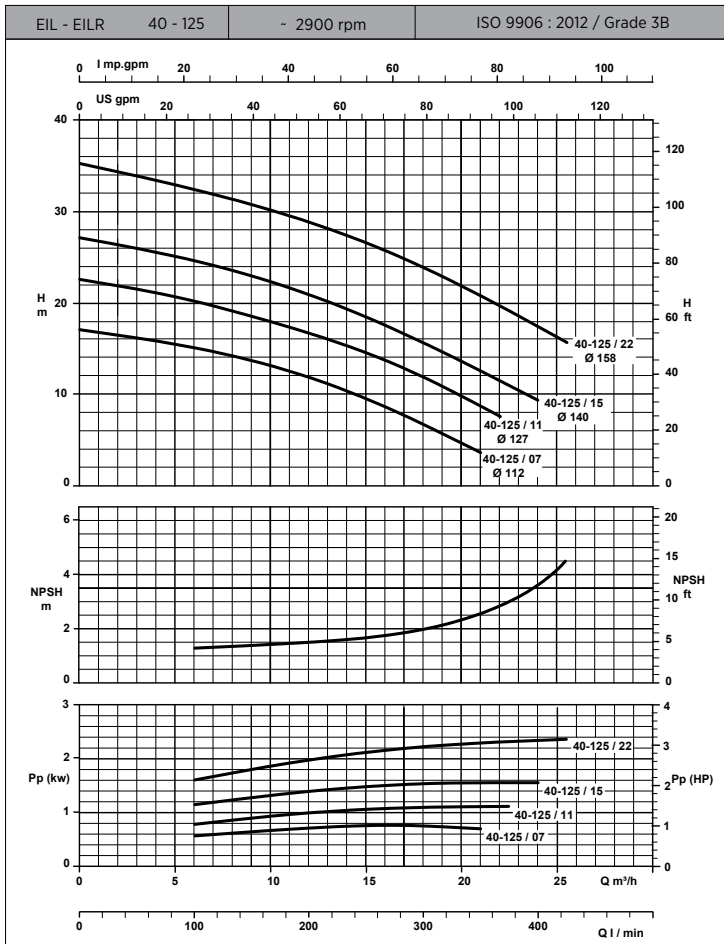




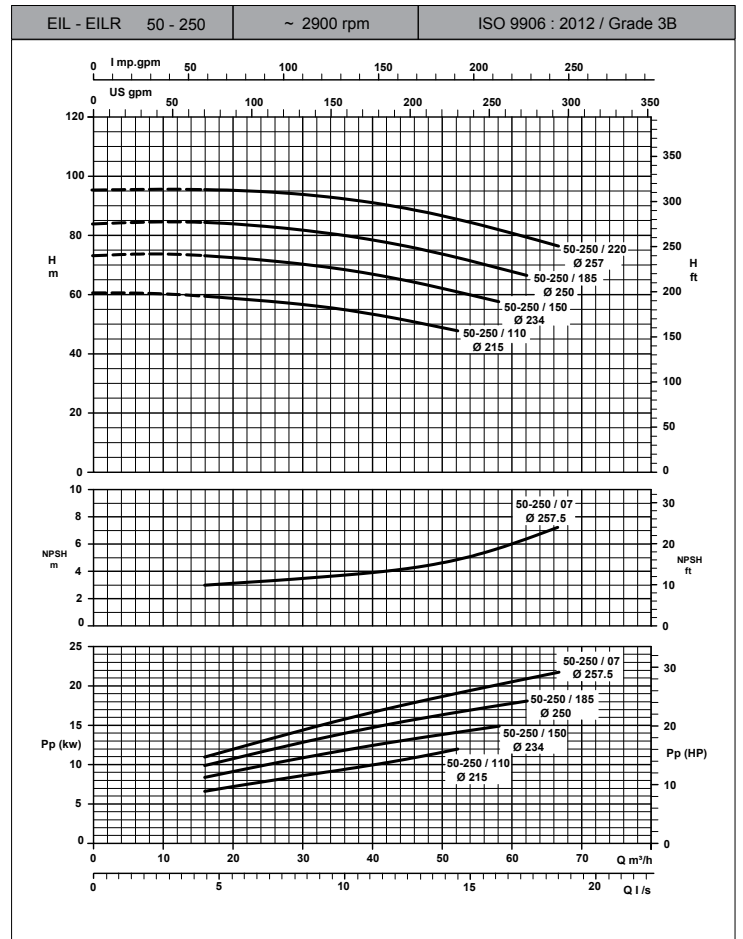
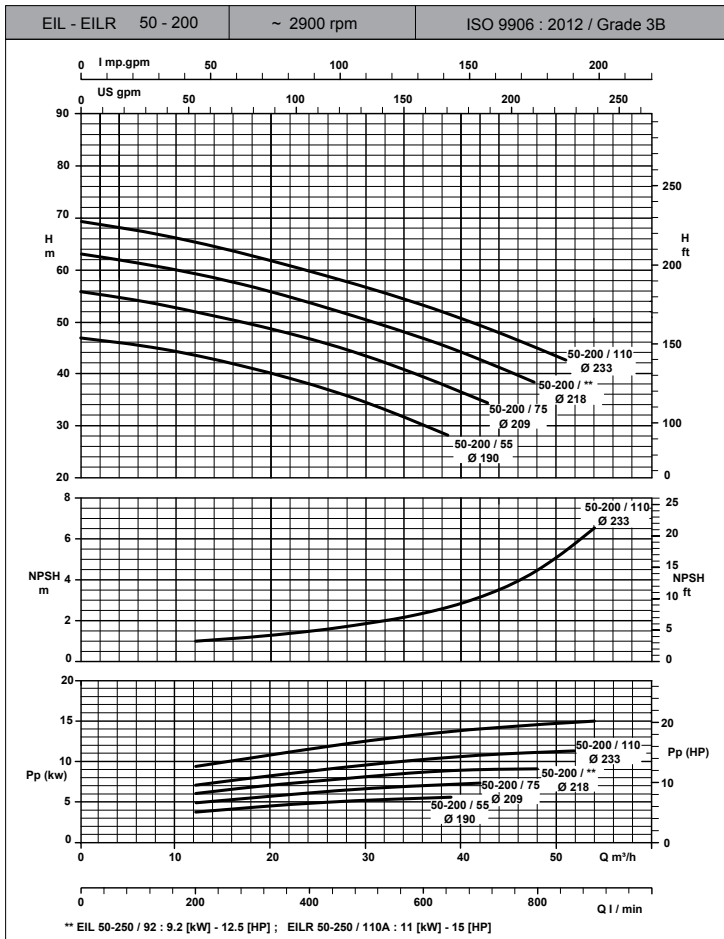
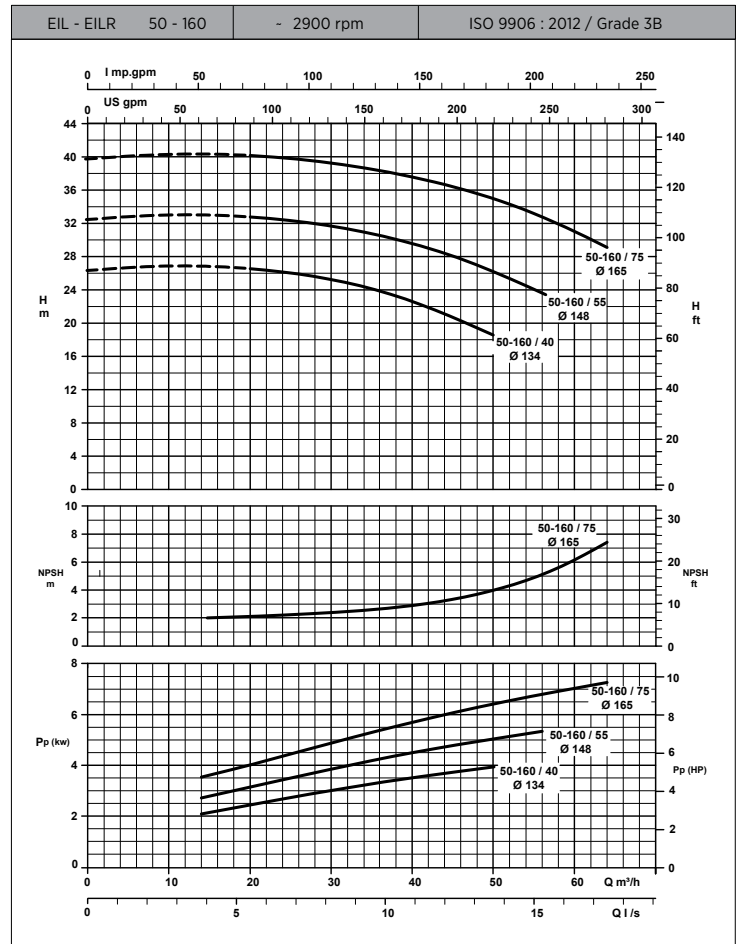
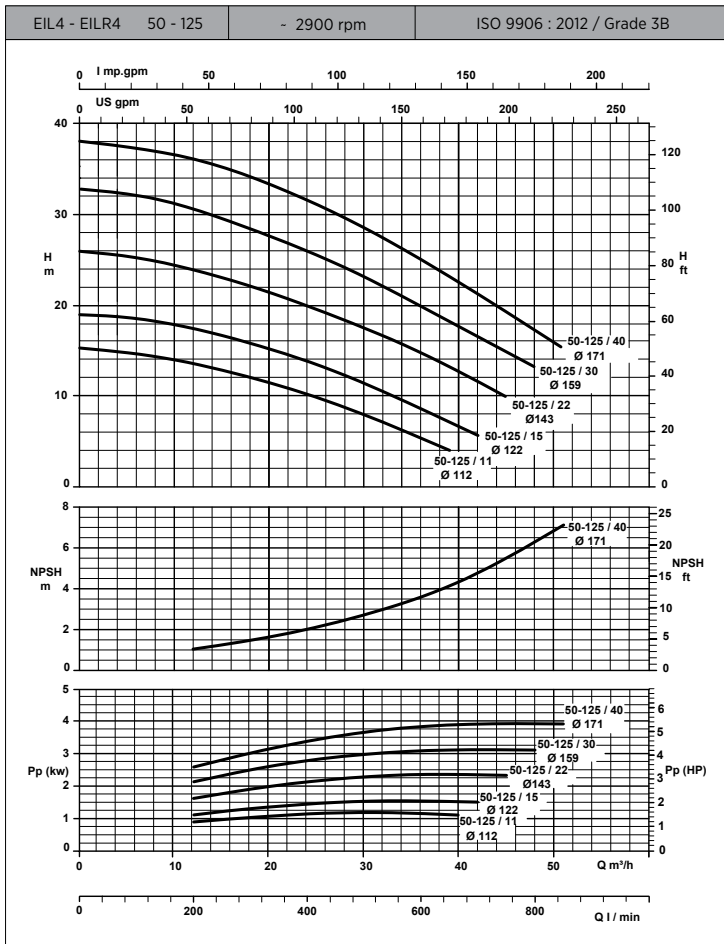
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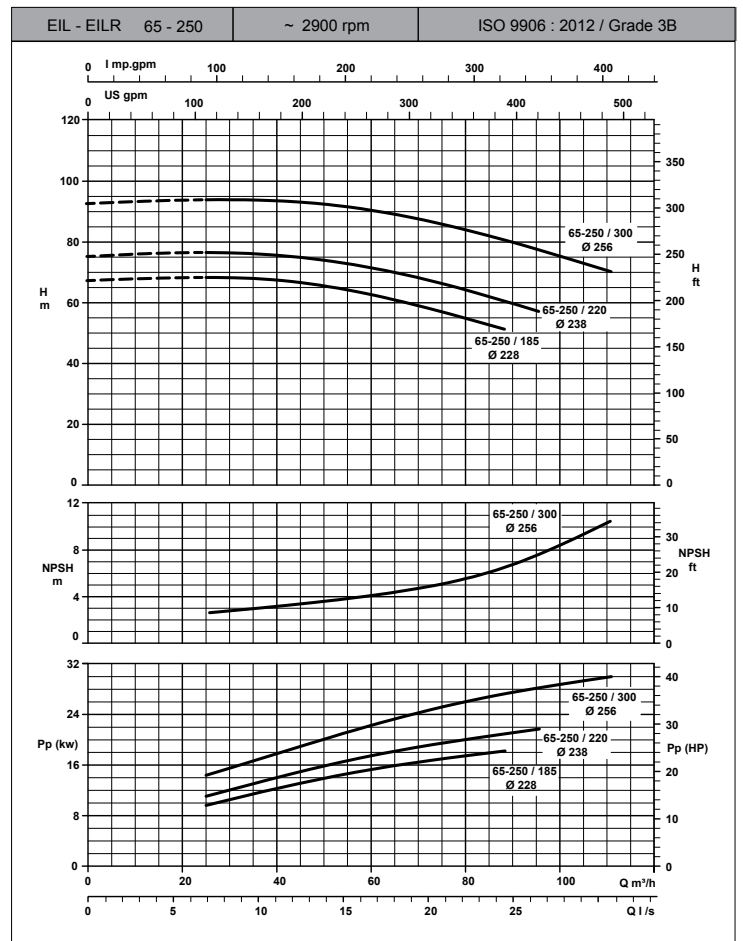
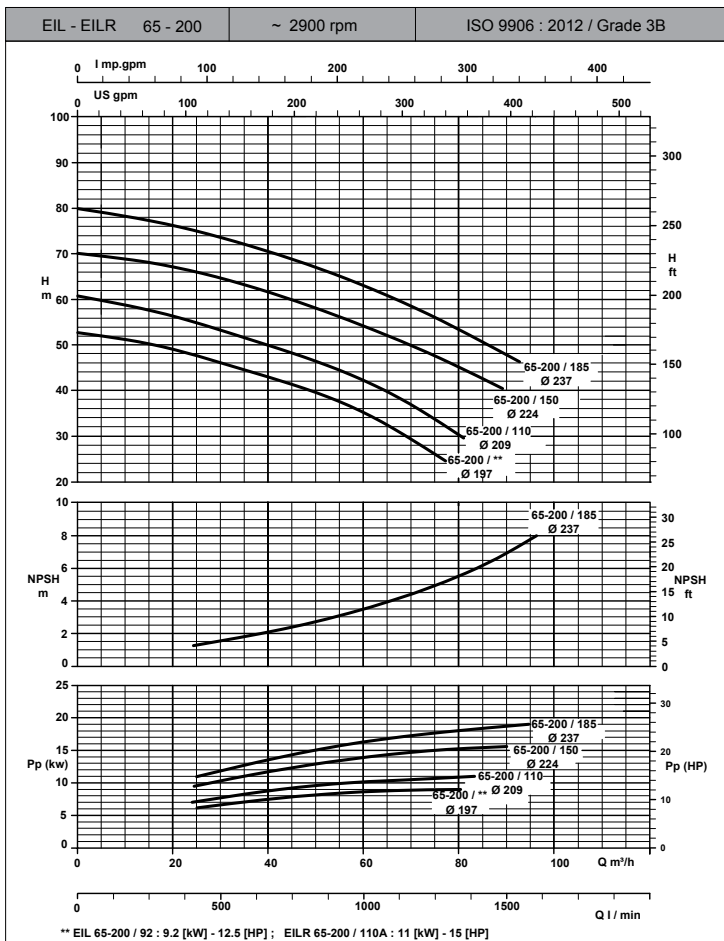
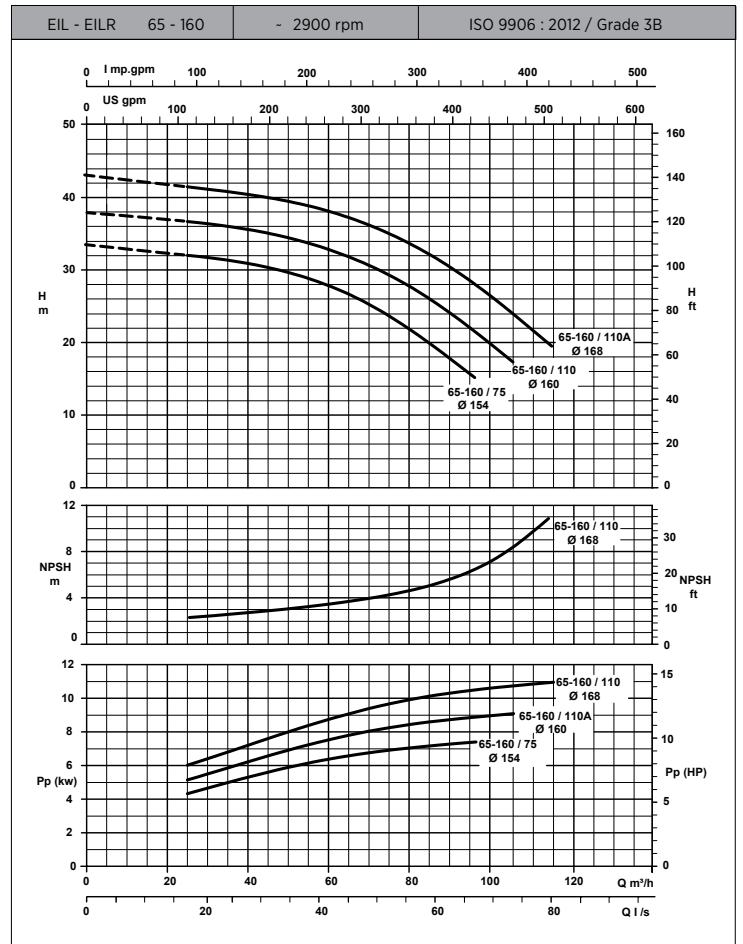
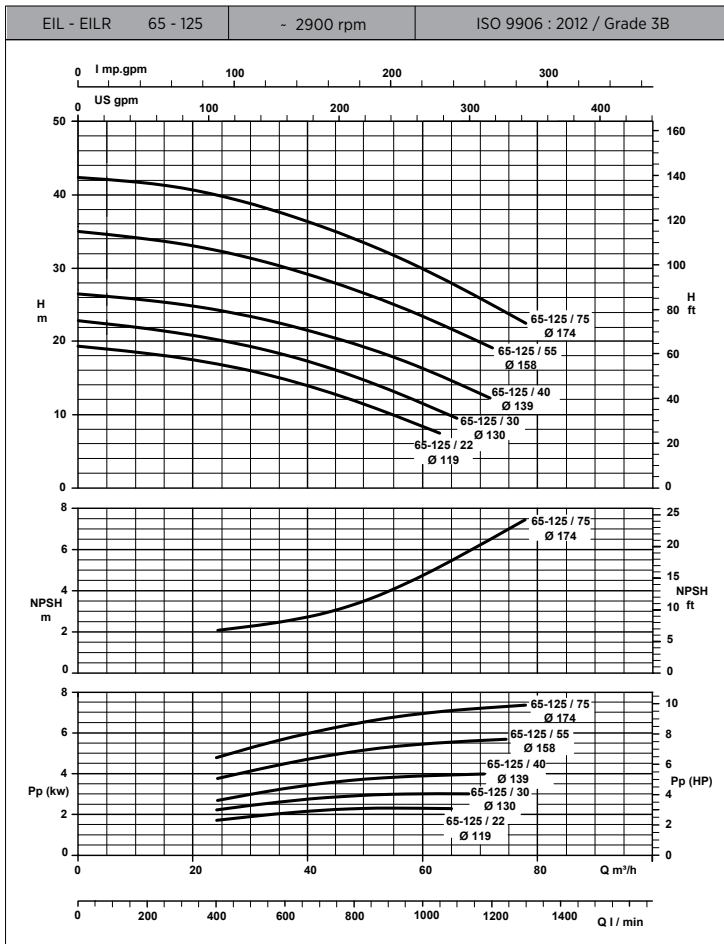
# EIL - EIL R SERİSİ HİDROLİK PERFORMANS EĞRİLERİ



# EIL - EIL R SERİSİ HİDROLİK PERFORMANS EĞRİLERİ

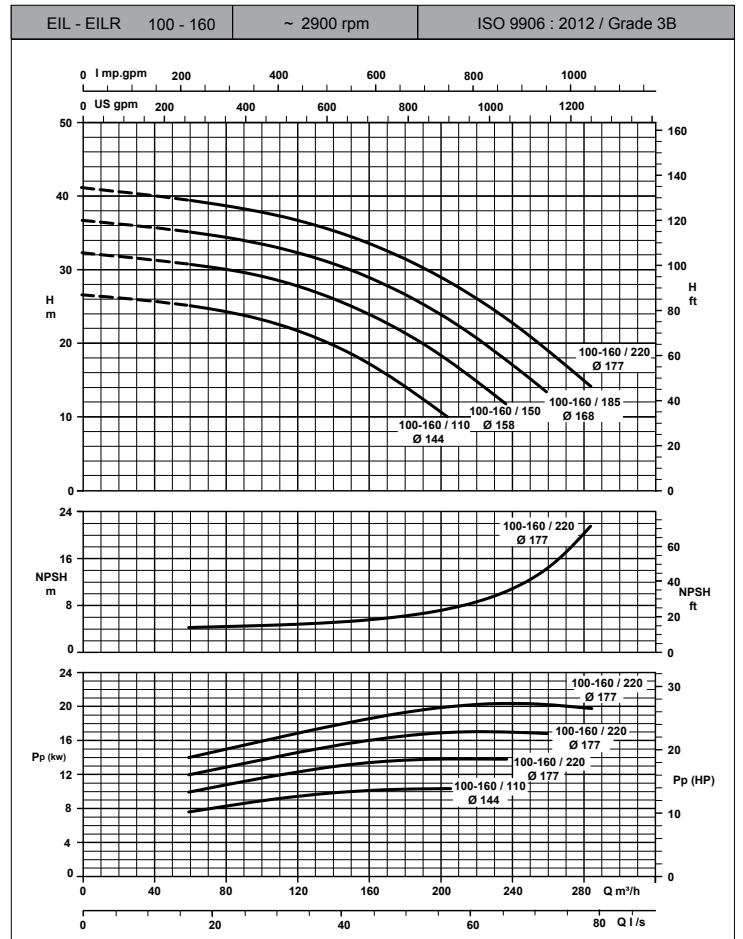
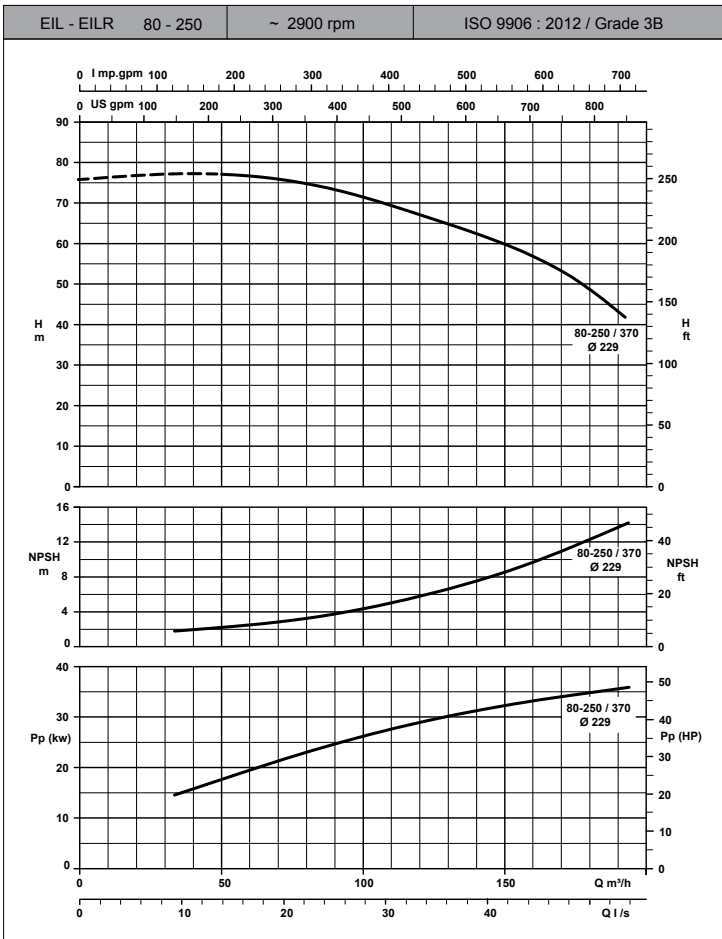
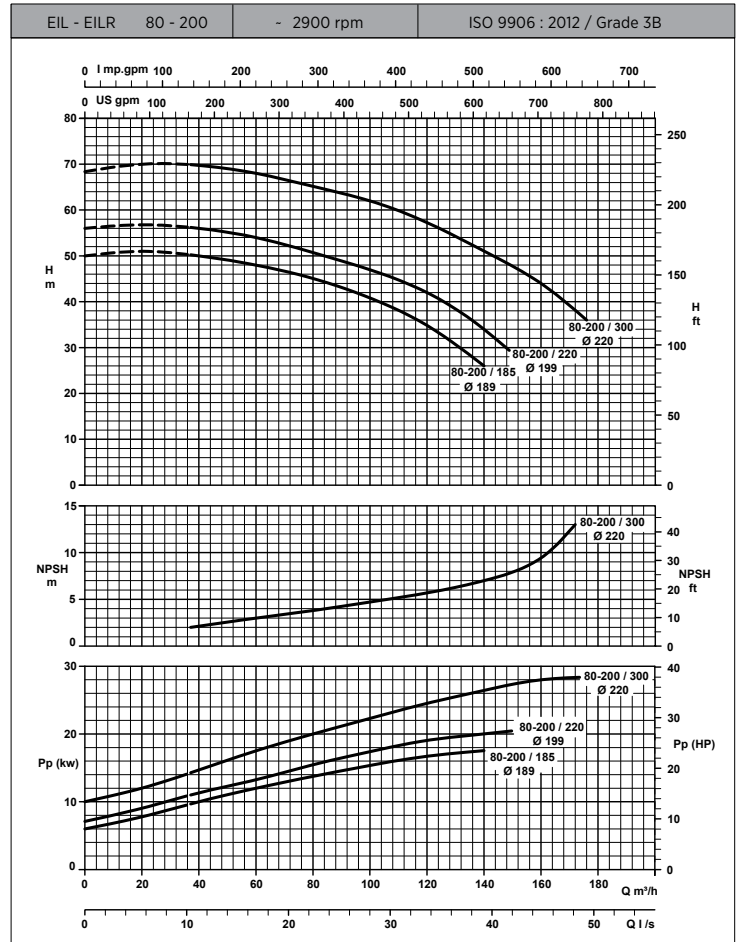
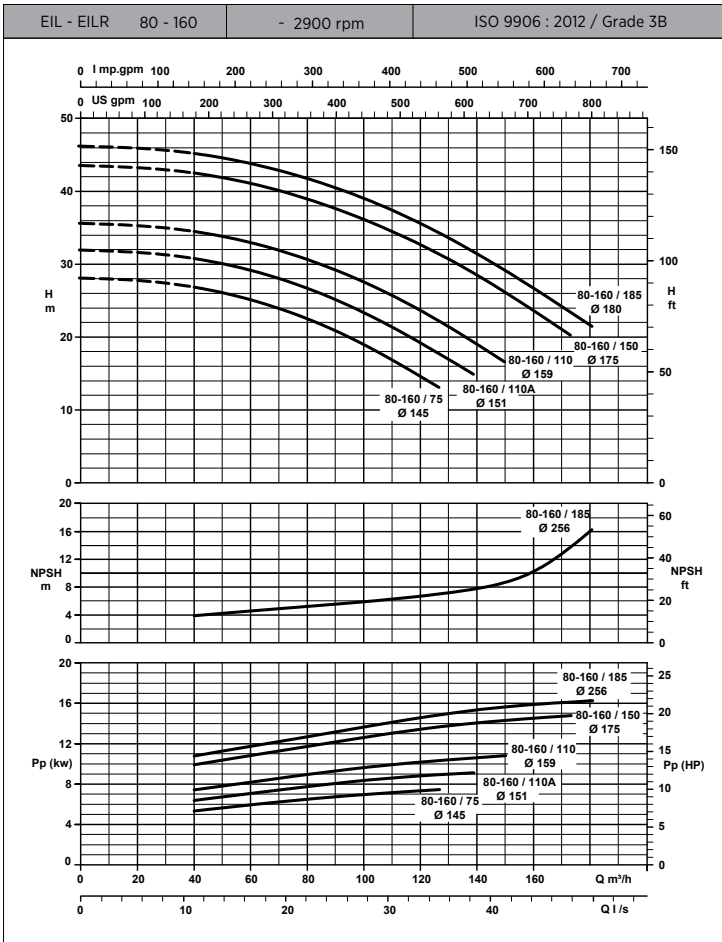


# EIL - EIL R SERİSİ HİDROLİK PERFORMANS EĞRİLERİ

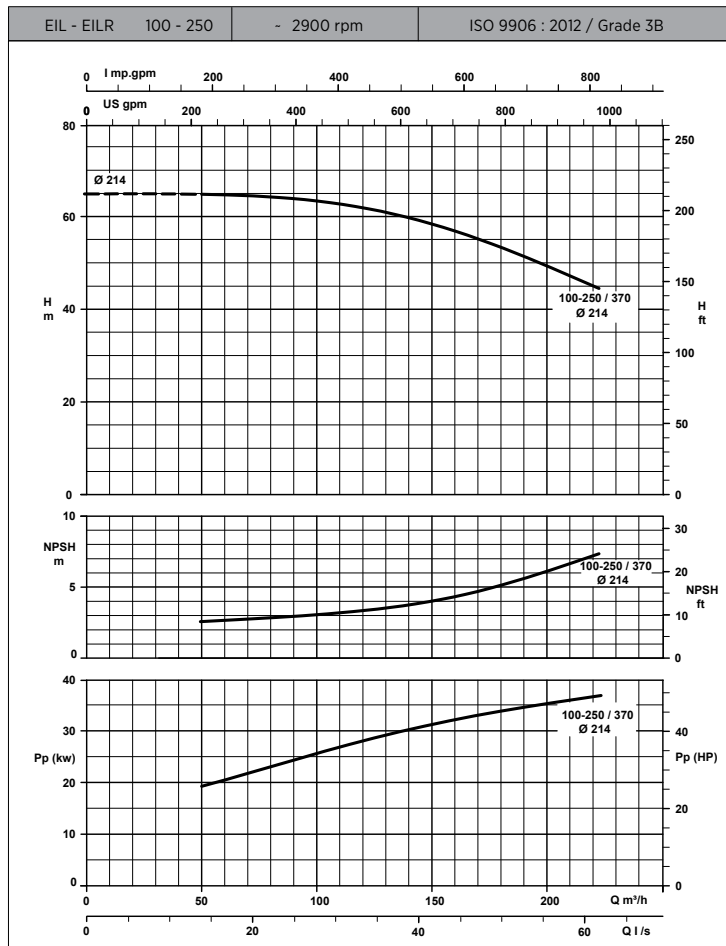
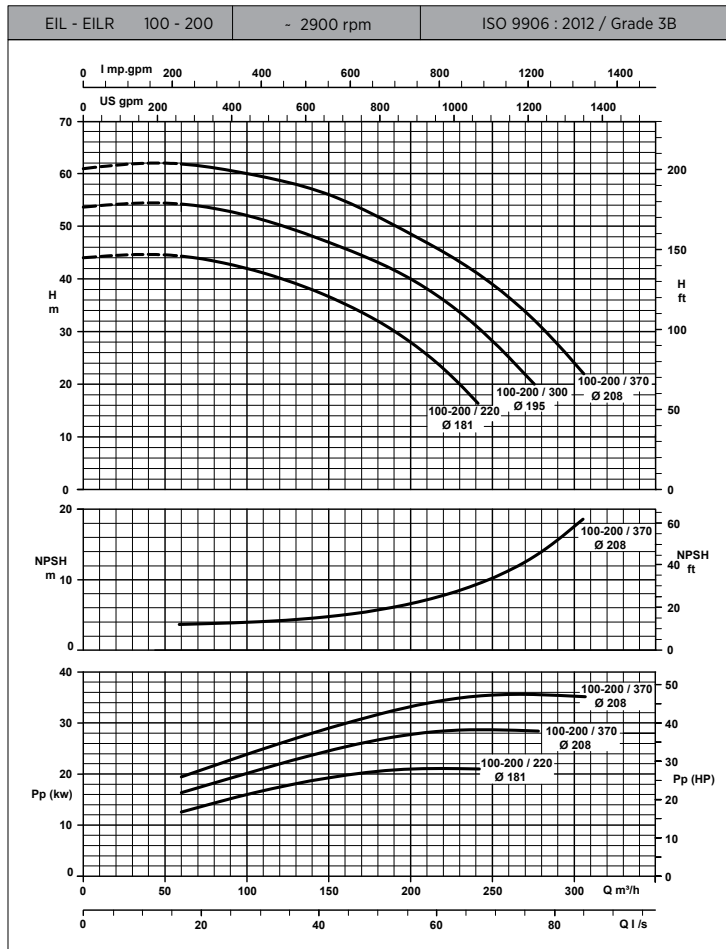


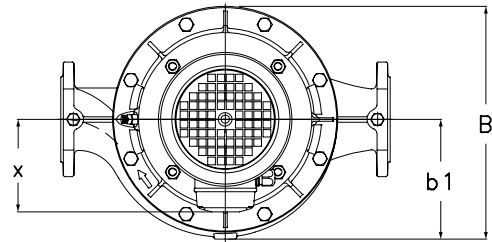
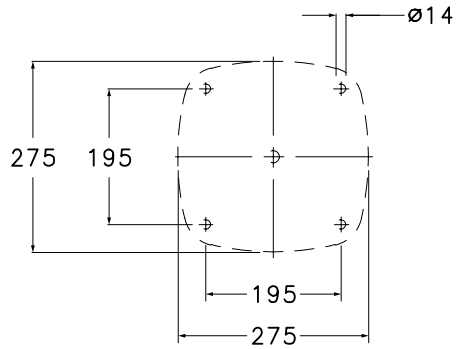
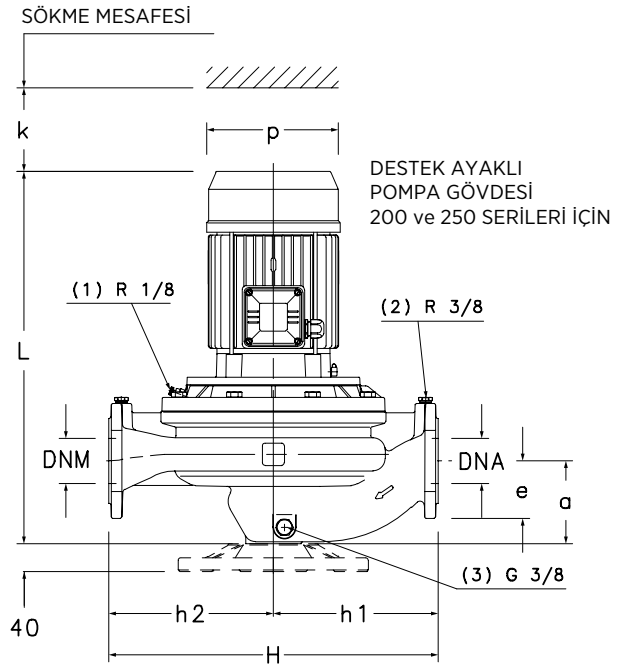
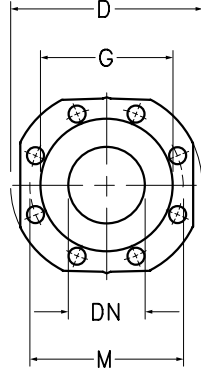
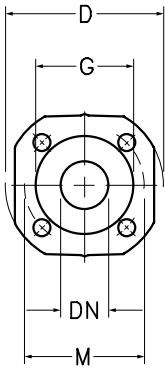
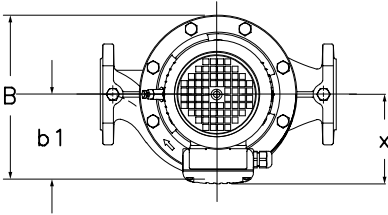
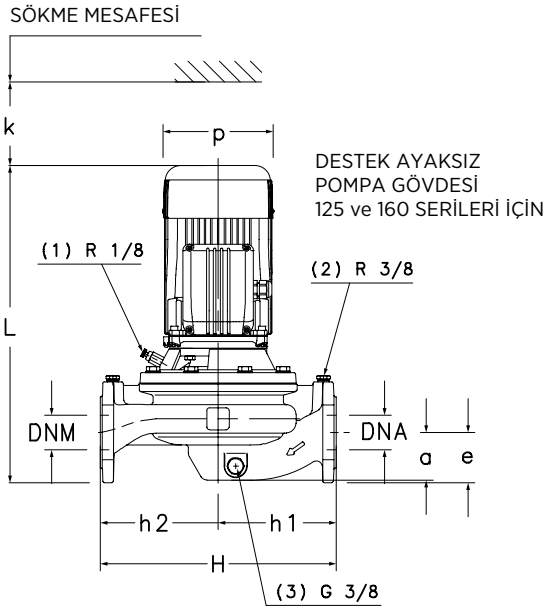
# EIL - EIL R SERİSİ HİDROLİK PERFORMANS EĞRİLERİ

# ETNA®



# EIL - EIL R SERİSİ HİDROLİK PERFORMANS EĞRİLERİ





**POMPA FLANŞI**

DN	D	M	G	DELİK		Maks. Kalınlık
				N°	Ø	
40	150	110	88	4	18	18
50	165	125	102	4	18	20
65	185	145	122	4	18	20
80	200	160	138	8	18	22
100	220	180	158	8	18	22

(1) R 1/8 HAVA ATMA VALFİ

(2) R 3/8 BASINÇ GÖSTERGE BAĞLANTISI

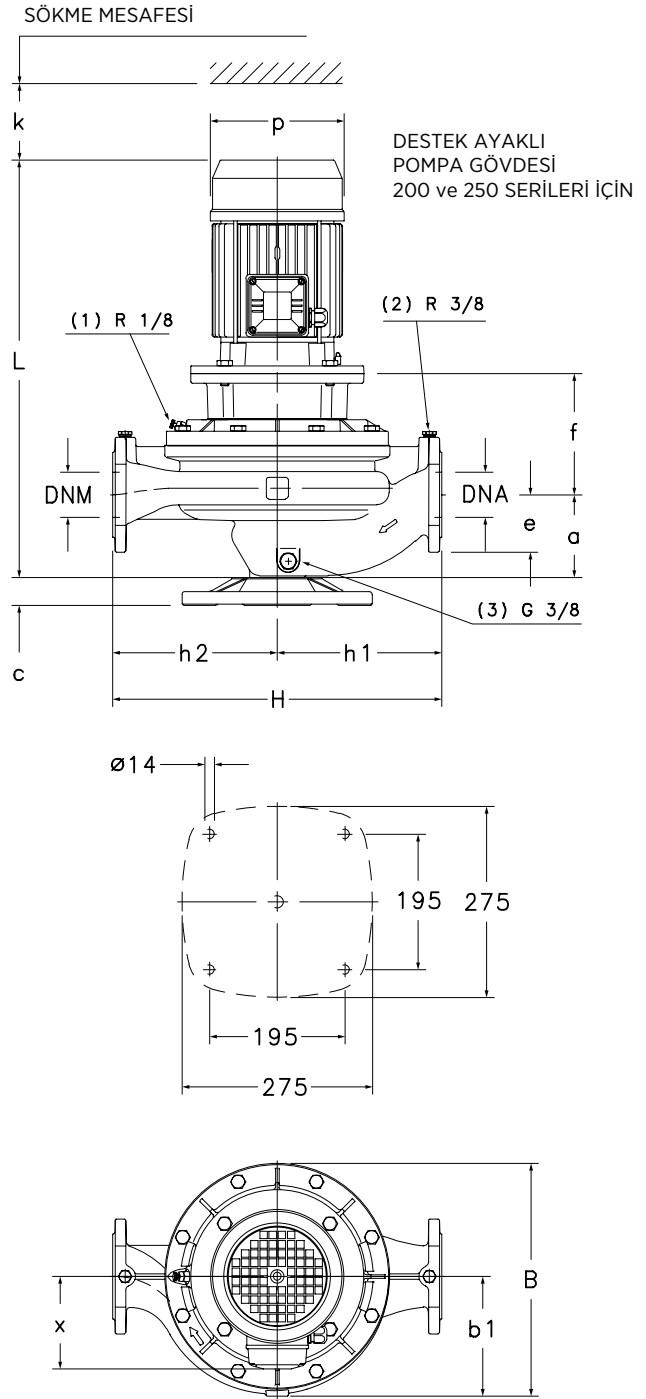
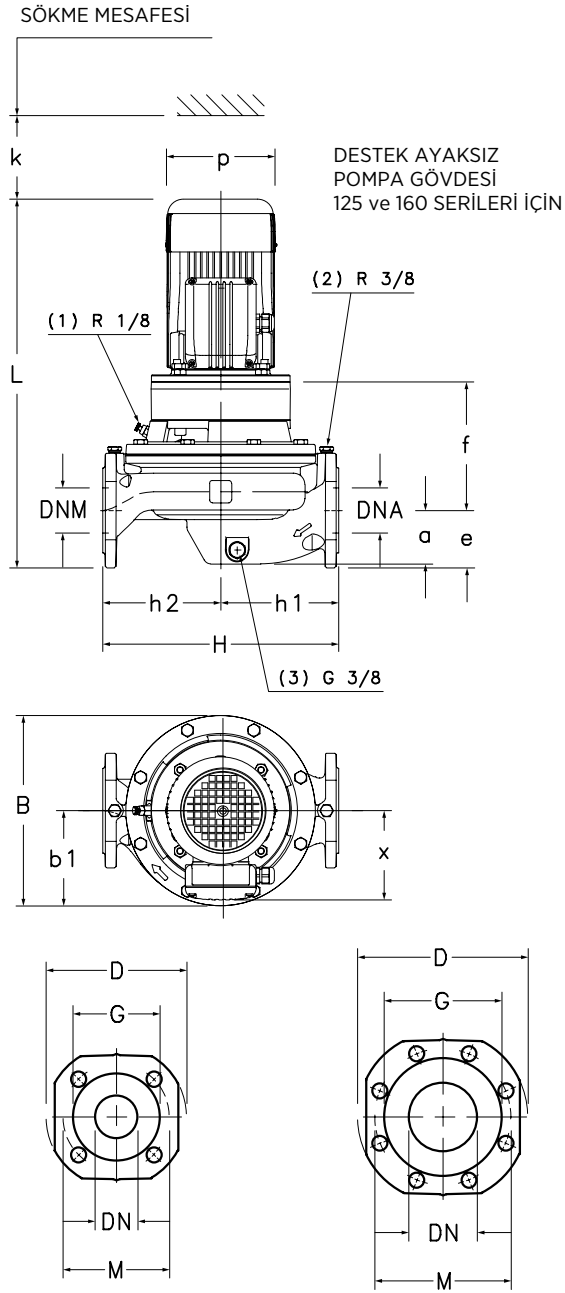
(3) G 3/8 BOŞALTMA

# EIL 4 40, 50, 65, 80, 100 ÖLÇÜLER VE AĞIRLIKLAR

## 4 KUTUPLU MOTOR (1450 d/dk)

POMPA MODELİ EIL 4	BOYUTLAR (mm)												Ağırlık kg	
	DND	DNS	e	h1	h2	x	b1	p	B	Hmax	L	X		
EIL4	40-125/02B	40	40	100	160	160	121	128	140	248	320	432.5	94	27
EIL4	40-125/02A	40	40	100	160	160	121	128	140	248	320	432.5	86	24
EIL4	40-125/02	40	40	100	160	160	121	128	140	248	320	432.5	86	24
EIL4	40-125/03	40	40	100	160	160	121	128	140	248	320	432.5	86	24
EIL4	40-160/03	40	40	100	160	160	121	128	140	248	320	432.5	86	25
EIL4	40-160/05	40	40	100	160	160	129	128	140	235	320	453.5	86	26
EIL4	40-160/07	40	40	100	160	160	128	128	140	235	320	453.5	86	26
EIL4	40-200/05	40	40	110	220	220	129	168	155	336	440	452	98	44
EIL4	40-200/07	40	40	110	220	220	128	168	159	336	440	452	98	45
EIL4	40-200/11	40	40	110	220	220	134	168	174	336	440	508	98	64
EIL4	40-250/11	40	40	110	220	220	134	168	174	336	440	508	98	64
EIL4	40-250/15	40	40	110	220	220	134	168	174	336	440	475	98	65
EIL4	40-250/22	40	40	110	220	220	134	168	214	336	440	500.5	98	65
EIL4	50-125/02	50	50	116	180	160	121	128	140	246	340	438.5	88	28
EIL4	50-125/03	50	50	116	180	160	121	128	140	246	340	438.5	88	29
EIL4	50-125/05	50	50	116	180	160	121	128	155	246	340	459.5	88	29
EIL4	50-160/05	50	50	116	180	160	129	128	155	247	340	459.5	88	31
EIL4	50-160/07	50	50	116	180	160	128	128	159	246	340	459.5	88	31
EIL4	50-160/11	50	50	116	180	160	134	128	174	252	340	483.5	88	31
EIL4	50-200/07	50	50	110	220	220	128	163	159	326	440	455	100	54
EIL4	50-200/11	50	50	111	220	220	134	168	174	336	440	476	100	63
EIL4	50-200/15	50	50	111	220	220	134	168	174	336	440	476	100	63
EIL4	50-200/22	50	50	110	220	220	168	163	214	331	440	546	100	72
EIL4	50-250/15	50	50	111	220	220	134	168	174	336	440	476	100	66
EIL4	50-250/22A	50	50	111	220	220	168	168	214	336	440	501.5	100	72
EIL4	50-250/22	50	50	111	220	220	168	168	214	336	440	501.5	100	72
EIL4	50-250/30	50	50	111	220	220	168	168	214	336	440	501.5	100	72
EIL4	65-125/05	65	65	105	190	170	129	148	155	296	360	473.5	92	42
EIL4	65-125/07	65	65	105	190	170	128	148	159	296	360	473.5	92	42
EIL4	65-125/11	65	65	105	190	170	129	148	174	296	360	496.5	92	42
EIL4	65-160/11A	65	65	105	190	170	128	148	174	296	360	496.5	92	47
EIL4	65-160/11	65	65	105	190	170	134	148	174	296	360	496.5	92	54
EIL4	65-160/15	65	65	105	190	170	134	148	174	296	360	496.5	92	54
EIL4	65-200/15	65	65	118	237.5	237.5	134	178	174	347	475	483	104	69
EIL4	65-200/22	65	65	118	237.5	237.5	134	178	214	347	475	508.5	104	69
EIL4	65-200/30	65	65	118	237.5	237.5	134	178	214	347	475	508.5	104	69
EIL4	65-250/22	65	65	118	237.5	237.5	168	178	214	347	475	508.5	104	80
EIL4	65-250/30	65	65	118	237.5	237.5	168	178	214	347	475	508.5	104	82
EIL4	65-250/40	65	65	118	237.5	237.5	168	178	214	347	475	552	104	82
EIL4	80-125/07	80	80	114	215	205	128	168	159	336	420	471	102	51
EIL4	80-125/11	80	80	114	215	205	134	168	174	336	420	494	102	59
EIL4	80-160/11	80	80	114	215	205	134	168	174	336	420	494	102	59
EIL4	80-160/15A	80	80	114	215	205	134	168	174	336	420	494	102	59
EIL4	80-160/15	80	80	114	215	205	134	168	174	336	420	494	102	59
EIL4	80-160/22A	80	80	114	215	205	134	168	174	336	420	519.5	102	59
EIL4	80-160/22	80	80	114	215	205	168	168	174	336	420	519.5	102	59
EIL4	80-200/22	80	80	114	265	235	168	185	214	353	500	540.5	112	87
EIL4	80-200/30	80	80	114	265	235	168	185	214	353	500	540.5	112	91
EIL4	80-200/40	80	80	114	265	235	168	185	214	353	500	584	112	117
EIL4	80-250/55A	80	80	114	265	235	191	185	256	359	500	584	112	125
EIL4	80-250/55	80	80	114	265	235	191	185	256	359	500	584	112	125
EIL4	80-250/75	80	80	114	265	235	191	185	256	359	500	644	112	125
EIL4	100-160/15	100	100	140	260	240	134	179	174	347	500	558	117	74
EIL4	100-160/22A	100	100	140	260	240	134	179	174	347	500	586.5	117	74
EIL4	100-160/22	100	100	140	260	240	134	179	174	347	500	586.5	117	74
EIL4	100-160/30	100	100	140	260	240	168	179	174	347	500	583.5	117	74
EIL4	100-200/30	100	100	175	300	250	168	201	214	371	550	583.5	129	99
EIL4	100-200/40	100	100	175	300	250	168	201	214	371	550	627	129	125
EIL4	100-200/55A	100	100	175	300	250	191	201	256	371	550	687	129	131
EIL4	100-200/55	100	100	175	300	250	191	201	256	371	550	687	129	131
EIL4	100-250/55A	100	100	175	300	250	191	201	256	371	550	687	129	131
EIL4	100-250/55	100	100	175	300	250	191	201	256	371	550	687	129	131
EIL4	100-250/75	100	100	175	300	250	191	201	256	371	550	687	129	141
EIL4	100-250/110	100	100	175	300	250	240	201	256	410	550	687	129	141





**POMPA FLANŞI**

DN	D	M	G	DELİK		Maks. Kalınlık
				N°	Ø	
40	150	110	88	4	18	18
50	165	125	102	4	18	20
65	185	145	122	4	18	20
80	200	160	138	8	18	22
100	220	180	158	8	18	22

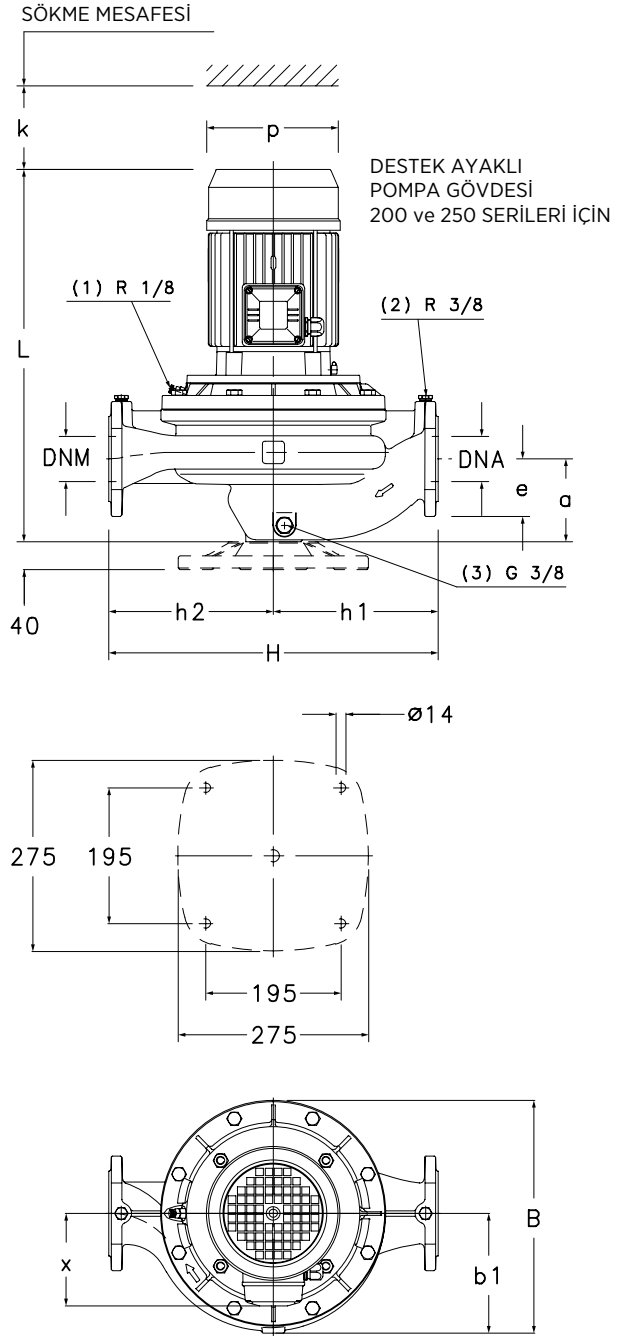
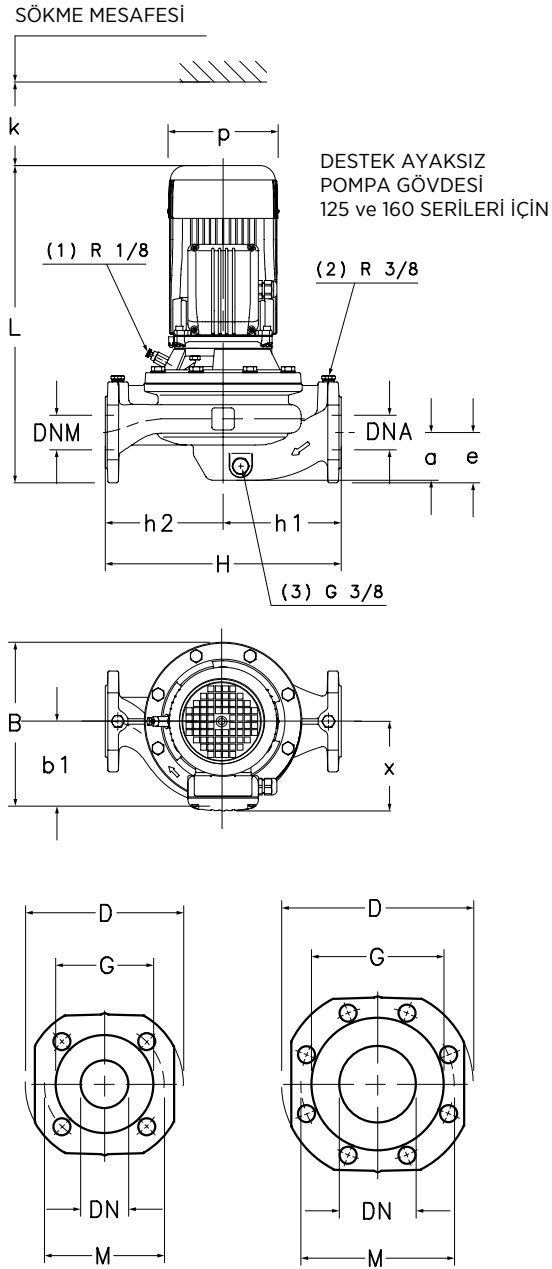
(1) R 1/8 HAVA ATMA VALFİ

(2) R 3/8 BASINÇ GÖSTERGE BAĞLANTISI

(3) G 3/8 BOŞALTMA

# EILR 4 40, 50, 65, 80, 100 SERİLERİ ÖLÇÜLER VE AĞIRLIKLAR, 4 KUTUPLU MOTOR (1450 d/dk)

POMPA MODELİ EILR 4	BOYUTLAR (mm)													Ağırlık kg	
	DND	DNS	e	f	h1	h2	AD	b1	p	B max	H	L	X		
EILR 4	40-200/07	40	40	110	192	220	220	128	168	159	336	440	496	104	50
EILR 4	40-200/11	40	40	110	192	220	220	134	168	174	336	440	563	104	56
EILR 4	40-250/11	40	40	110	222	220	220	134	168	174	336	440	563	104	56
EILR 4	40-250/15	40	40	110	222	220	220	134	168	174	336	440	563	104	56
EILR 4	40-250/22	40	40	110	222	220	220	168	168	214	336	440	597	104	70
EILR 4	50-160/07	50	50	116	192	180	160	128	128	159	246	340	502	96	37
EILR 4	50-160/11	50	50	116	192	180	160	134	128	174	252	340	569	96	45
EILR 4	50-200/07	50	50	111	192	220	220	134	168	174	336	440	564	108	59
EILR 4	50-200/11	50	50	111	222	220	220	134	168	174	336	440	564	108	59
EILR 4	50-200/15	50	50	111	222	220	220	134	168	174	336	440	564	108	63
EILR 4	50-200/22	50	50	111	222	220	220	134	168	174	336	440	564	108	63
EILR 4	50-250/15	50	50	111	222	220	220	134	168	174	336	440	564	108	63
EILR 4	50-250/22A	50	50	111	222	220	220	168	168	214	336	440	598	108	73
EILR 4	50-250/22	50	50	111	222	220	220	168	168	214	336	440	598	108	73
EILR 4	50-250/30	50	50	111	222	220	220	168	168	214	336	440	629	108	77
EILR 4	65-125/05	65	65	105	190	190	170	129	148	155	296	360	548	100	46
EILR 4	65-125/07	65	65	105	217	190	170	128	148	159	296	360	516	100	49
EILR 4	65-125/11	65	65	105	217	190	170	134	148	174	296	360	516	100	55
EILR 4	65-160/11A	65	65	105	217	190	170	134	148	174	296	360	583	94	55
EILR 4	65-160/11	65	65	105	247	190	170	134	148	174	296	360	583	94	55
EILR 4	65-160/15	65	65	105	247	190	170	134	148	174	296	360	583	94	59
EILR 4	65-200/15	65	65	118	222	237.5	237.5	134	178	174	347	475	571	105	67
EILR 4	65-200/22	65	65	118	222	237.5	237.5	168	178	214	347	475	605	105	77
EILR 4	65-200/30	65	65	118	222	237.5	237.5	168	178	214	347	475	605	105	81
EILR 4	65-250/22	65	65	118	222	237.5	237.5	168	178	214	347	475	605	105	77
EILR 4	65-250/30	65	65	118	222	237.5	237.5	168	178	214	347	475	636	105	81
EILR 4	65-250/40	65	65	118	228	237.5	237.5	168	178	214	347	475	681	105	100
EILR 4	80-125/07	80	80	114	165	215	205	134	168	174	336	420	582	111	67
EILR 4	80-125/11	80	80	114	165	215	205	134	168	174	336	420	582	111	67
EILR 4	80-160/11	80	80	114	165	215	205	134	168	174	336	420	582	111	67
EILR 4	80-160/15A	80	80	114	165	215	205	134	168	174	336	420	582	111	67
EILR 4	80-160/15	80	80	114	165	215	205	134	168	174	336	420	582	111	67
EILR 4	80-160/22A	80	80	114	175	215	205	168	168	214	336	420	616	111	78
EILR 4	80-160/22	80	80	114	175	215	205	168	168	214	336	420	616	111	78
EILR 4	80-200/22	80	80	132	183	265	235	168	185	214	353	500	637	130	83
EILR 4	80-200/30	80	80	132	183	265	235	168	185	214	353	500	668	130	87
EILR 4	80-200/40	80	80	132	183	265	235	168	185	214	353	500	713	130	106
EILR 4	80-250/55A	80	80	132	210	265	235	191	185	256	359	500	747	130	117
EILR 4	80-250/55	80	80	132	210	265	235	191	185	256	359	500	747	130	117
EILR 4	80-250/75	80	80	132	210	265	235	191	185	256	359	500	747	130	121
EILR 4	100-160/15	100	100	140	175	260	240	134	179	174	347	500	613	123	81
EILR 4	100-160/22A	100	100	140	202	260	240	168	179	214	347	500	647	123	91
EILR 4	100-160/22	100	100	140	165	260	240	168	179	214	347	500	647	123	91
EILR 4	100-160/30	100	100	140	192	260	240	168	179	214	347	500	678	123	95
EILR 4	100-200/30	100	100	175	183	300	250	134	201	174	371	550	711	152	103
EILR 4	100-200/40	100	100	175	183	300	250	168	201	214	371	550	756	152	102
EILR 4	100-200/55A	100	100	175	210	300	250	168	201	214	371	550	790	152	133
EILR 4	100-200/55	100	100	175	210	300	250	168	201	214	371	550	790	152	133
EILR 4	100-250/55A	100	100	175	210	300	250	191	201	256	371	550	790	152	133
EILR 4	100-250/55	100	100	175	210	300	250	191	201	256	371	550	790	152	133
EILR 4	100-250/75	100	100	175	210	300	250	191	201	256	371	550	790	152	137
EILR 4	100-250/110	100	100	175	240	300	250	240	201	313	410	550	909	152	201



**POMPA FLANŞI**

DN	D	M	G	DELİK		Maks. Kalınlık
				N°	Ø	
40	150	110	88	4	18	18
50	165	125	102	4	18	20
65	185	145	122	4	18	20
80	200	160	138	8	18	22
100	220	180	158	8	18	22

(1) R 1/8 HAVA ATMA VALFİ

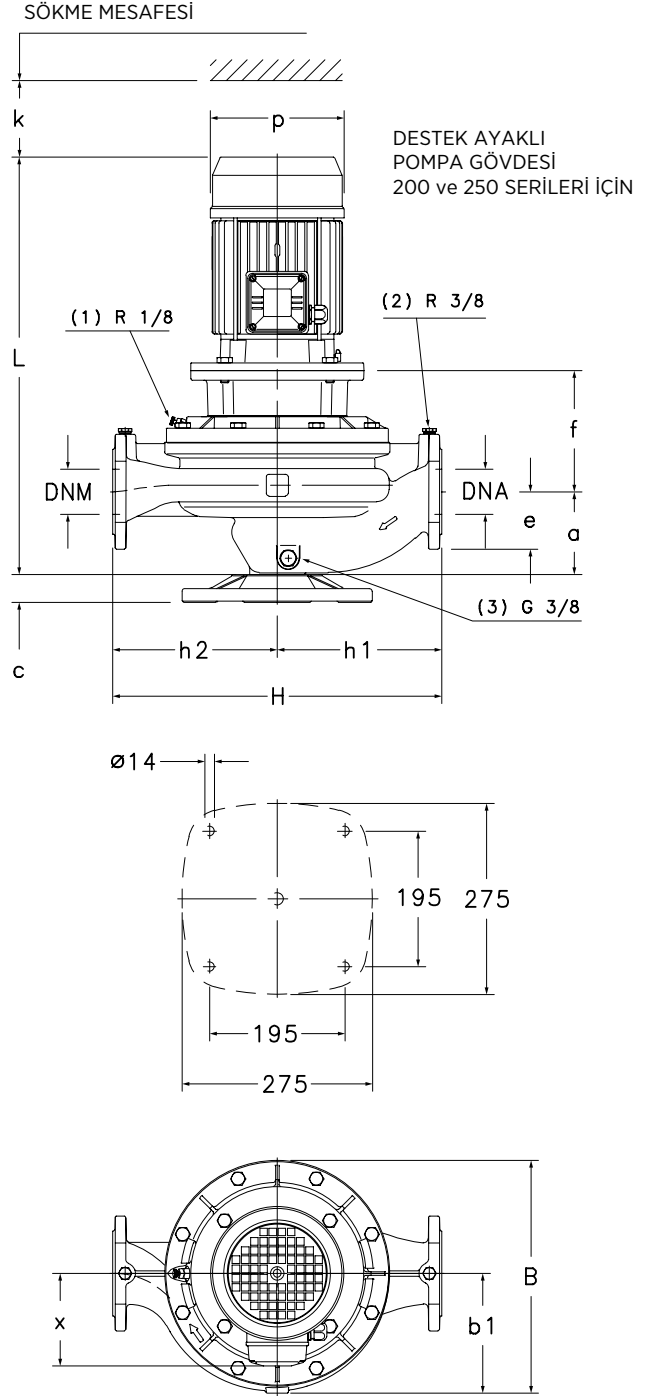
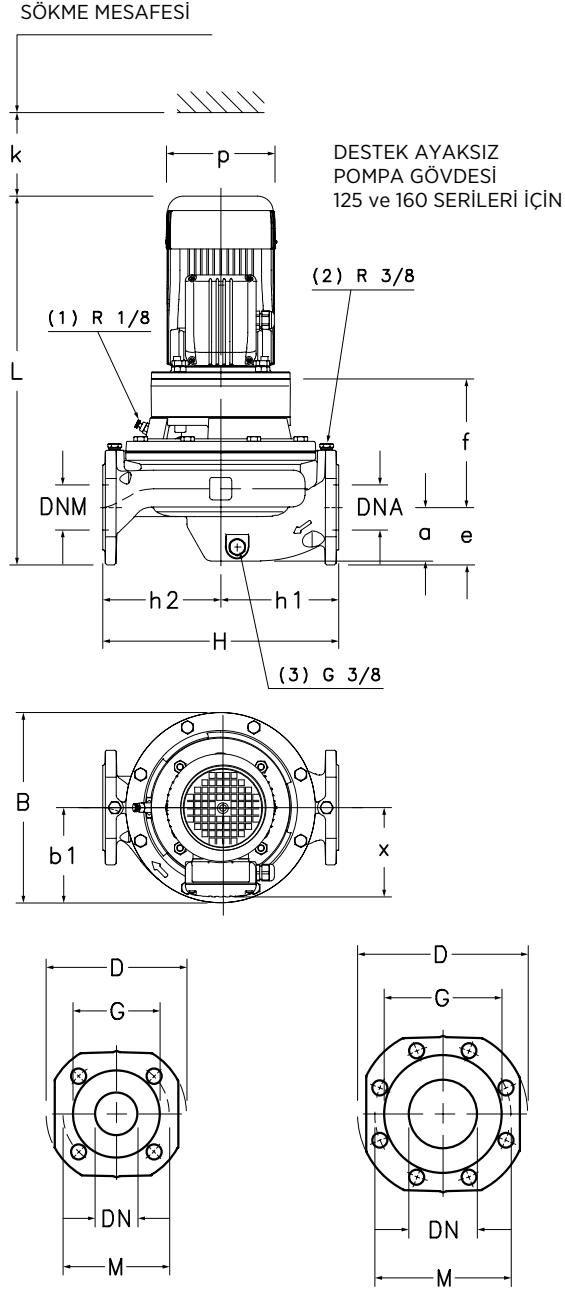
(2) R 3/8 BASINÇ GÖSTERGE BAĞLANTISI

(3) G 3/8 BOŞALTMA

# EIL 40, 50, 65, 80, 100 SERİLERİ ÖLÇÜLER VE AĞIRLIKLARI

## 2 KUTUPLU MOTOR (2900 d/dk)

POMPA MODELİ EIL 2	BOYUTLAR (mm)												Ağırlık kg
	DND	DNS	e	h1	h2	x	b1	p	Bmax	H	L	X	
EIL 40-125/07	40	40	100	160	160	129	128	155	249	320	473	94	29
EIL 40-125/11	40	40	100	160	160	129	128	155	249	320	473	94	33
EIL 40-125/15	40	40	100	160	160	129	128	155	254	320	508	94	41
EIL 40-125/22	40	40	100	160	160	134	128	174	254	320	508	94	35
EIL 40-160/30	40	40	100	160	160	134	128	174	254	320	508	94	42
EIL 40-160/40	40	40	100	160	160	154	128	197	274	320	529	94	47
EIL 40-160/55	40	40	100	160	160	168	128	214	288	320	563	94	56
EIL 40-200/30	40	40	110	220	220	154	168	197	336	440	514	104	59
EIL 40-200/40	40	40	110	220	220	154	168	197	336	440	529	104	64
EIL 40-200/55	40	40	110	220	220	168	168	214	336	440	563	104	73
EIL 40-200/75	40	40	110	220	220	191	168	256	359	440	577	104	92
EIL 40-250/110	40	40	110	220	220	191	168	256	359	440	615	104	101
EIL 40-250/110A	40	40	110	220	220	191	168	256	353	440	615	104	101
EIL 50-125/11	50	50	116	180	160	129	128	155	243	340	457	96	32
EIL 50-125/15	50	50	116	180	160	129	128	155	247	340	479	96	34
EIL 50-125/22	50	50	116	180	160	134	128	174	248	340	514	96	44
EIL 50-125/30	50	50	116	180	160	134	128	174	248	340	514	96	46
EIL 50-125/40	50	50	116	180	160	154	128	197	272	340	535	96	51
EIL 50-160/40	50	50	116	180	160	154	128	197	272	340	535	96	51
EIL 50-160/55	50	50	116	180	160	168	128	214	286	340	569	96	60
EIL 50-160/75	50	50	116	180	160	191	128	256	319	340	583	96	81
EIL 50-200/55	50	50	111	220	220	191	168	214	331	440	578	108	95
EIL 50-200/75	50	50	111	220	220	191	168	214	331	440	578	108	95
EIL 50-200/110	50	50	111	220	220	191	168	256	354	440	616	108	104
EIL 50-200/110A	50	50	111	220	220	191	168	256	354	440	616	108	104
EIL 50-250/110	50	50	111	220	220	191	168	256	354	440	616	108	104
EIL 65-125/22	65	65	105	190	170	134	148	174	296	360	528	100	57
EIL 65-125/30	65	65	105	190	170	134	148	174	296	360	528	100	58
EIL 65-125/40	65	65	105	190	170	154	148	197	302	360	549	100	63
EIL 65-125/55	65	65	105	190	170	168	148	214	316	360	583	100	72
EIL 65-125/75	65	65	105	190	170	191	148	256	339	360	597	94	91
EIL 65-160/75	65	65	105	190	170	191	148	256	339	360	597	94	91
EIL 65-160/110A	65	65	105	190	170	191	148	256	339	360	635	94	100
EIL 65-160/110	65	65	105	190	170	191	148	256	339	360	635	94	100
EIL 65-200/110	65	65	118	237.5	237.5	191	178	256	360	475	623	105	108
EIL 65-200/110A	65	65	83	237.5	237.5	240	172	256	354	475	634	104	112
EIL 80-125/30	80	80	114	215	205	191	168	174	359	420	723	111	70
EIL 80-125/40	80	80	114	215	205	191	168	197	359	420	548	111	75
EIL 80-125/55	80	80	114	215	205	191	168	214	359	420	582	111	84
EIL 80-160/75	80	80	114	215	205	191	168	256	359	420	596	111	103
EIL 80-160/110	80	80	114	215	205	191	168	313	359	420	596	111	112
EIL 80-160/110A	80	80	114	215	205	191	168	313	403	420	634	111	112
EIL 100-160/110	100	100	140	260	240	191	184	313	403	500	665	112	152



**POMPA FLANŞI**

DN	D	M	G	DELİK		Maks. Kalınlık
				N°	Ø	
40	150	110	88	4	18	18
50	165	125	102	4	18	20
65	185	145	122	4	18	20
80	200	160	138	8	18	22
100	220	180	158	8	18	22

(1) R 1/8 HAVA ATMA VALFİ

(2) R 3/8 BASINÇ GÖSTERGE BAĞLANTISI

(3) G 3/8 BOŞALTMA

# EILR 40, 50, 65 SERİLERİ ÖLÇÜLER VE AĞIRLIKLAR

## 2 KUTUPLU MOTOR (2900 d/dk)

POMPA MODELİ EILR 2	BOYUTLAR (mm)													Ağırlık kg
	DND	DNS	e	f	h1	h2	AD	b1	p	B max	H	L	X	
EILR 40-125/11	40	40	100	165	160	160	129	128	155	249	320	528	94	33
EILR 40-125/15	40	40	100	165	160	160	129	128	155	249	320	582	94	37
EILR 40-125/22	40	40	100	165	160	160	134	128	174	254	320	563	94	44
EILR 40-160/30	40	40	100	175	160	160	134	128	174	254	320	573	94	49
EILR 40-160/40	40	40	100	175	160	160	154	128	197	274	320	594	94	52
EILR 40-160/55	40	40	100	202	160	160	168	128	214	288	320	677	94	65
EILR 40-200/30	40	40	110	165	220	220	154	168	197	336	440	594	104	64
EILR 40-200/40	40	40	110	165	220	220	154	168	197	336	440	594	104	69
EILR 40-200/55	40	40	110	192	220	220	168	168	214	336	440	677	104	82
EILR 40-200/75	40	40	110	192	220	220	191	168	256	359	440	669	104	101
EILR 40-250/110A	40	40	110	222	220	220	191	168	256	359	440	760	104	118
EILR 40-250/110	40	40	110	222	220	220	191	168	256	359	440	760	104	118
EILR 40-250/150	40	40	110	222	220	220	240	168	313	408	440	826	104	151
EILR 50-125/11	50	50	116	155	180	160	129	128	155	247	340	534	96	41
EILR 50-125/15	50	50	116	155	180	160	129	128	155	247	340	534	96	41
EILR 50-125/22	50	50	116	155	180	160	134	128	174	252	340	569	96	48
EILR 50-125/30	50	50	116	165	180	160	134	128	174	252	340	579	96	52
EILR 50-125/40	50	50	116	165	180	160	154	128	197	272	340	600	96	55
EILR 50-160/40	50	50	116	165	180	160	154	128	197	272	340	600	96	55
EILR 50-160/55	50	50	116	192	180	160	168	128	214	286	340	683	96	65
EILR 50-160/75	50	50	116	192	180	160	191	128	256	319	340	675	96	84
EILR 50-200/55	50	50	111	192	220	220	191	168	256	359	440	670	108	104
EILR 50-200/75	50	50	111	192	220	220	191	168	256	359	440	670	108	104
EILR 50-200/110A	50	50	111	222	220	220	191	168	256	359	440	761	108	121
EILR 50-200/110	50	50	111	222	220	220	191	168	256	359	440	761	108	121
EILR 50-250/110	50	50	111	222	220	220	191	168	256	359	440	761	108	121
EILR 50-250/150	50	50	111	222	220	220	240	168	313	408	440	827	108	154
EILR 50-250/185	50	50	111	222	220	220	240	168	313	408	440	827	108	163
EILR 50-250/220	50	50	111	222	220	220	240	168	313	408	440	827	108	174
EILR 65-125/22	65	65	105	190	190	170	134	148	174	296	360	593	100	60
EILR 65-125/30	65	65	105	190	190	170	134	148	174	296	360	593	100	60
EILR 65-125/40	65	65	105	190	190	170	154	148	197	302	360	614	100	63
EILR 65-125/55	65	65	105	217	190	170	168	148	214	316	360	697	100	72
EILR 65-125/75	65	65	105	217	190	170	191	148	256	339	360	689	100	95
EILR 65-160/75	65	65	105	217	190	170	191	148	256	339	360	689	94	96
EILR 65-160/110A	65	65	105	247	190	170	191	148	256	339	360	780	94	117
EILR 65-160/110	65	65	105	247	190	170	191	148	256	339	360	780	94	117
EILR 65-200/110A	65	65	118	222	237.5	237.5	191	178	256	360	475	768	105	125
EILR 65-200/110	65	65	118	222	237.5	237.5	191	178	256	360	475	768	105	125
EILR 65-200/150	65	65	118	222	237.5	237.5	240	178	313	409	475	834	105	158
EILR 65-200/185	65	65	118	222	237.5	237.5	240	178	313	409	475	834	105	167
EILR 65-250/185	65	65	118	222	237.5	237.5	240	178	313	409	475	834	105	167
EILR 65-250/220	65	65	118	222	237.5	237.5	240	178	313	409	475	834	105	178
EILR 65-250/300	65	65	118	228	237.5	237.5	317	178	402	518	475	1003	105	287

# EILR 80, 100 SERİLERİ ÖLÇÜLER VE AĞIRLIKLARI 2 KUTUPLU MOTOR (2900 d/dk)

**ETNA®**

POMPA MODELİ EILR 2	BOYUTLAR (mm)													Ağırlık kg
	DND	DNS	e	f	h1	h2	AD	b1	p	B max	H	L	X	
EILR 80-125/30	80	80	114	207	215	205	191	168	256	359	420	688	111	108
EILR 80-125/40	80	80	114	207	215	205	191	168	256	359	420	688	111	108
EILR 80-125/55	80	80	114	207	215	205	191	168	256	359	420	688	111	108
EILR 80-160/75	80	80	114	207	215	205	191	168	256	359	420	688	111	108
EILR 80-160/110	80	80	114	237	215	205	191	168	256	359	420	779	111	129
EILR 80-160/110A	80	80	114	237	215	205	191	168	256	359	420	779	111	129
EILR 80-160/150	80	80	114	237	215	205	240	168	313	408	420	845	111	162
EILR 80-160/185	80	80	114	237	215	205	240	168	313	408	420	845	111	171
EILR 80-200/185	80	80	132	240	265	235	240	185	313	408	500	866	130	169
EILR 80-200/220	80	80	132	240	265	235	240	185	313	408	500	866	130	180
EILR 80-200/300	80	80	132	246	265	235	317	185	402	518	500	1035	130	289
EILR 80-250/370	80	80	132	246	265	235	317	185	402	518	500	1035	130	304
EILR 100-160/110	100	100	140	240	260	240	191	179	256	359	500	810	123	139
EILR 100-160/150	100	100	140	240	260	240	240	179	313	408	500	876	123	172
EILR 100-160/185	100	100	140	240	260	240	240	179	313	408	500	876	123	181
EILR 100-160/220	100	100	140	240	260	240	240	179	313	408	500	876	123	192
EILR 100-200/220	100	100	175	240	300	250	240	201	313	410	550	909	152	196
EILR 100-200/300	100	100	175	246	300	250	317	201	402	518	550	1078	152	296
EILR 100-200/370	100	100	175	246	300	250	317	201	402	518	550	1078	152	311
EILR 100-250/370	100	100	175	246	300	250	317	201	402	518	550	1078	152	311



## Satış Sonrası Hizmetler

35 yılı aşkın sektör tecrübesi, Türkiye geneline yaygın 104 adet servis noktası ve müşteri odaklı satış sonrası hizmetler yaklaşımı ile sürekli yanınızdayız. (Devreye alma, bakım & arıza giderme, yedek parça temini.)



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