

Temiz Su
Clean water

Evsel Alan
Domestic use

Kamusal Alan
Civil use

Endüstriyel Alan
Industrial use

Tarımsal Alan
Agriculture use



4" UP F SERİSİ
4" UP F SERIES

UP

Uygulamalar

Şebeke suları, kuyu suları ve atık sular
Basıncılı su sistemleri ve dağıtımı
Sulama ve fıskiye sistemleri, su arıtma sistemleri
Endüstriyel soğutma ve işleme süreçlerinde
Madencilik endüstrisinde, drenaj kullanım alanlarında
Yangın söndürme sistemlerinde
Rezervuar veya kuyulardan su temininde
Büyük tonajlı su sistemlerinde
Sarnıç ve havuz gibi su haznelerinin doldurulmasında veya su tahliyesinde
Damla sulama arazilerinde ve tarım alanlarında
Seralar ve uzun mesafeli su temini olan alanlarda
Yerleşim yerlerinde, kuyu ve kirli su içeren havuzlarda
Gıda endüstrisinde
Çok amaçlı su temini yapan sistemlerde

Application

Municipal water works, fountains and waste water
Water distribution and pressure boosting
Irrigation and sprinkler systems, water treatment plants, filtration and reverse osmosis
Industrial cooling and processing
Mining industry, drainage and dewatering
Fire-fighting equipment
Water supply to and from tanks, reservoir and wells
Lifting and distribution of a wide range of liquids
Autoclave and cistern charge and discharge
Turf and landscape
Greenhouses and nurseries
Residential and farm wells and drainage
Food industry
General industry

Özellikler

Bağlantı bileşenleri ile birlikte yatay kullanıma uygundur
Bağlantı çekvalfları sayesinde suyun akış hızı ayarlanabilir
Yüzer fanları sayesinde pompa aşınmaya karşı dayanıklıdır ve uzun ömürlüdür.
Hidrolik dizaynı sayesinde pompa yüksek performans gösterip minimum enerji tüketmekte

Features

Compact, reliable and suited to operate in horizontal position
Built-in check valve to protect the pump against water hammer risk
Floating impellers to grant a better performance and longer life for the pump against abrasion
The hydraulic design is such to enhance the overall efficiency thus reducing energy consumption and making the pumping systems more cost effective

Pompa Özellikleri

Akış: 50 Hz'de en fazla 24 m³/h
Yükseklik: 50 Hz'de en fazla 278 m
Kullanılacak Sıvı: Kimyasal olmayan aşındırıcı özellikte olmayan sular
Su sıcaklığı aralığı: 0 °C ile 40 °C arası
İzin verilen maksimum kum miktarı: 100 gr/m³'te katı boyutu 2 mm
Maksimum pompa çapı (kablo muhafazası dahil): 95 mm
Çıkış çapı: UP 2F - 3F - 3F - 6F serileri için 1¼" UP 9F - 12F - 14F - 17F - 24F serileri için 2"
Dönüş yönü: Tepeden bakıldığında saat yönünün tersine
Pompa dikey veya yatay pozisyonda sürekli çalışabilir

Pump Specification

Flow: up to 24 m³/h at 50 Hz
Head: up to 278 m at 50 Hz
Pumped liquid: chemically and mechanically non aggressive
Water temperature range: from 0 °C to 40 °C
Max. allowable amount of sand 100 gr/m³, solid dimension max. 2 mm
Maximum pump diameter (including cable guard): 95 mm
Outlet diameter: 1¼" for UP 2F - 3F - 3F - 6F, 2" for UP 9F - 12F - 14F - 17F - 24F
Rotation: counter clockwise when looking into the discharge
Pump can work continuously in vertical or horizontal position

Motor Özellikleri

NEMA standardında uygun motor adaptörü
Daha fazla bilgi için motor ürün kataloğuna bakınız

Motor Specification

Motor adapter in compliance with NEMA standard
For more information consult the product catalog of Submersible motors

Opsiyon

Soğutucu kılıf

Available on request

Cooling shroud

Pompa Tanımlama Kodu/ Pump Identification Code

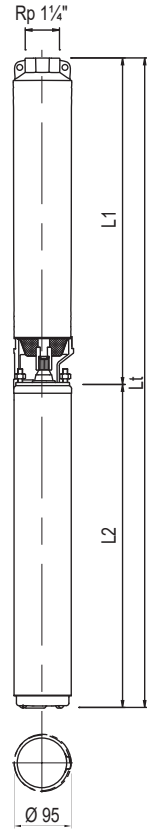
UP 12 F - 14

UP Pompa kademe sayısı / Number of stages
12 Pompa Serisi / Pump Series
F m³/h Cinsinden tonaj serisi / Normal flow rate in m³/h
14 Pompa modeli / Pump model

Teknik Bilgiler (4" ULUSU Motor) / Technical Data (4" ULUSU Motor)

Pompa Modeli (Pump Model)	Motor			Boyutlar / Dimensions (mm)					Ağırlık / Weight (kg)				
	Tip/ Type	kW	Hp	L1	L2		Lt		Pompa Pump	Motor		Toplam/ Total	
					1~	3~	1~	3~		1~	3~	1~	3~
UP 2F-10	UP 4-050M/T	0,37	0,50	368	415	-	783	-	4,0	8,2	-	12,2	-
UP 2F-13	UP 4-050M/T	0,37	0,50	420	415	-	835	-	4,5	8,2	-	12,7	-
UP 2F-19	UP 4-075M/T	0,55	0,75	528	430	415	958	943	5,6	9,1	8,2	14,7	13,8
UP 2F-26	UP 4-100M/T	0,75	1,0	680	465	430	1145	1110	7,1	10,5	9,2	17,6	16,3
UP 2F-38	UP 4-150M/T	1,1	1,5	921	475	465	1396	1386	10,0	11,2	10,6	21,2	20,6

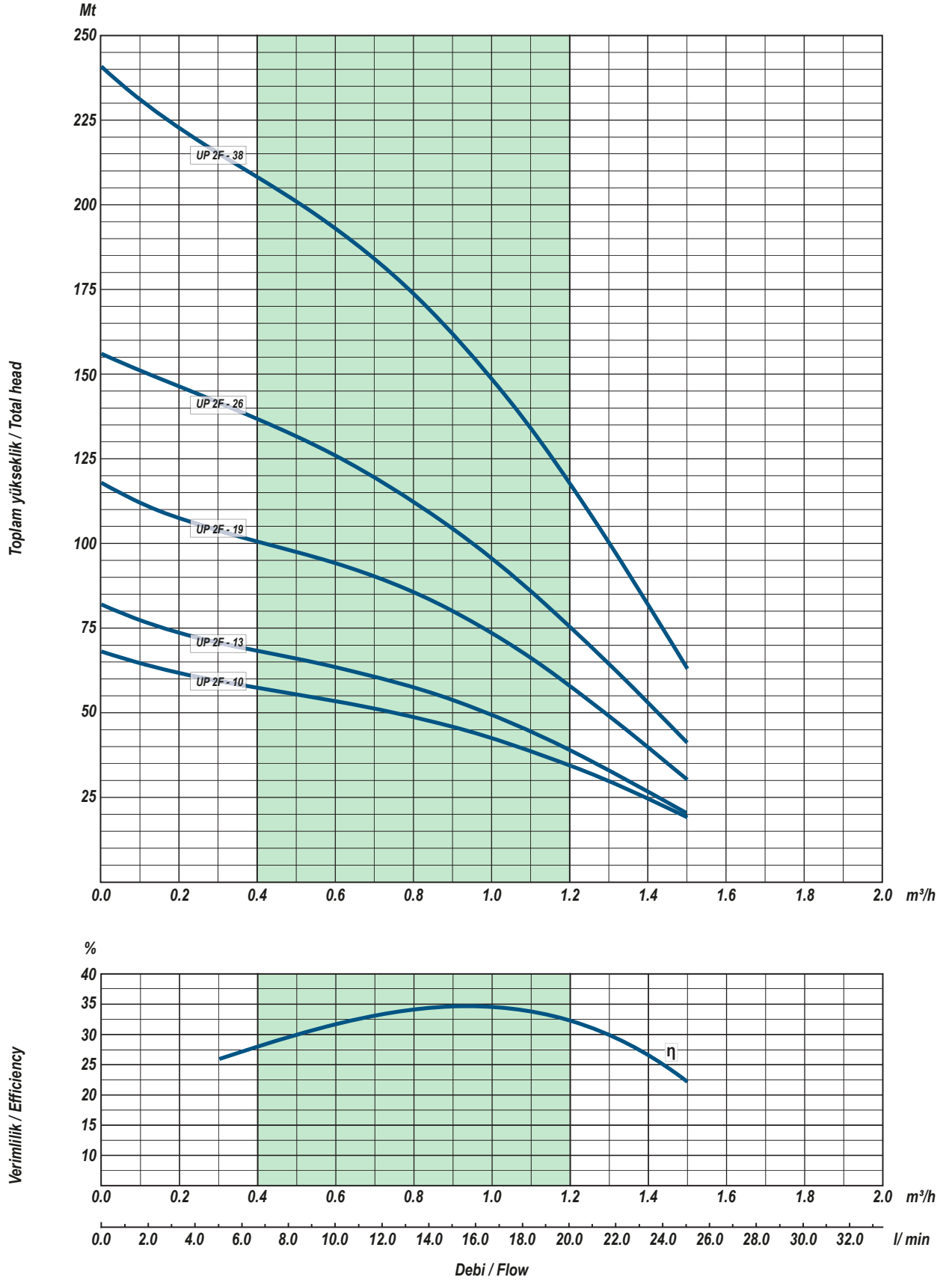
Pompa Modeli (Pump Model)	Motor			Boyutlar / Dimensions (mm)					Ağırlık / Weight (kg)				
	Tip/ Type	kW	Hp	L1	L2		Lt		Pompa Pump	Motor		Toplam/ Total	
					1~	3~	1~	3~		1~	3~	1~	3~
UP 2F-10	LP 4-050M/T	0,37	0,50	368	-	-	783	-	4,0	-	-	-	-
UP 2F-13	LP 4-050M/T	0,37	0,50	420	-	-	835	-	4,5	-	-	-	-
UP 2F-19	LP 4-075M/T	0,55	0,75	528	415	-	943	-	5,6	8,2	-	13,8	-
UP 2F-26	LP 4-100M/T	0,75	1,0	680	430	415	1110	1095	7,1	9,1	8,2	16,2	15,3
UP 2F-38	LP 4-150M/T	1,1	1,5	921	465	430	1386	1351	10,0	10,5	9,2	20,5	19,2



Hidrolik Performans Tablosu 50 Hz/ Table of Hydraulic Performance at 50 Hz

Pompa Modeli (Pump Model)	Çıkış Gücü (Output Power)		Q= Debi / Flow											
			(m³/h)	0,00	0,30	0,60	0,90	1,20	1,50	1,80				
	kW	Hp	(l/sec)	0,00	0,08	0,17	0,25	0,33	0,42	0,50				
UP 2F-10	0,37	0,50	MSS / MPH	66	58	51	44	32	17	1				
UP 2F-13	0,37	0,50		84	74	66	57	41	23	2				
UP 2F-19	0,55	0,75		116	102	91	77	57	30	5				
UP 2F-26	0,75	1,0		166	147	131	109	78	39	7				
UP 2F-38	1,1	1,5		246	218	194	163	123	70	10				

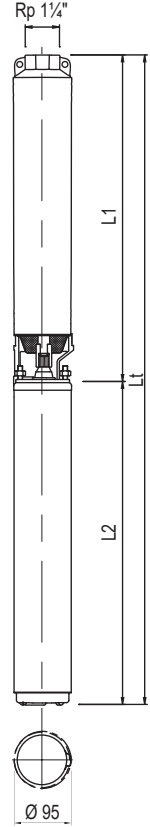
Performans Eğrileri 50 Hz/ Performance Curves at 50 Hz

MEI $\geq 0,40$ 

Teknik Bilgiler (4" ULUSU Motor) / Technical Data (4" ULUSU Motor)

Pompa Modeli (Pump Model)	Motor			Boyutlar / Dimensions (mm)					Ağırlık / Weight (kg)				
	Tip/ Type	kW	Hp	L1	L2		Lt		Pompa Pump	Motor		Toplam/ Total	
					1~	3~	1~	3~		1~	3~	1~	3~
UP 3F-05	UP 4-050M/T	0,37	0,50	278	415	-	693	-	3,0	8,2	-	11,2	-
UP 3F-07	UP 4-050M/T	0,37	0,50	314	415	-	729	-	3,4	8,2	-	11,6	-
UP 3F-10	UP 4-075M/T	0,55	0,75	367	430	415	797	782	4,0	9,1	8,2	13,1	12,2
UP 3F-14	UP 4-100M/T	0,75	1,0	438	465	430	903	868	4,6	10,5	9,2	15,1	13,8
UP 3F-20	UP 4-150M/T	1,1	1,5	542	475	465	1017	1007	5,6	11,2	10,6	16,2	16,2
UP 3F-27	UP 4-200M/T	1,5	2,0	695	538	473	1233	1168	7,1	15,0	11,4	22,1	18,5
UP 3F-39	UP 4-300M/T	2,2	3,0	934	600	556	1534	1490	9,4	17,0	14,8	26,4	24,2

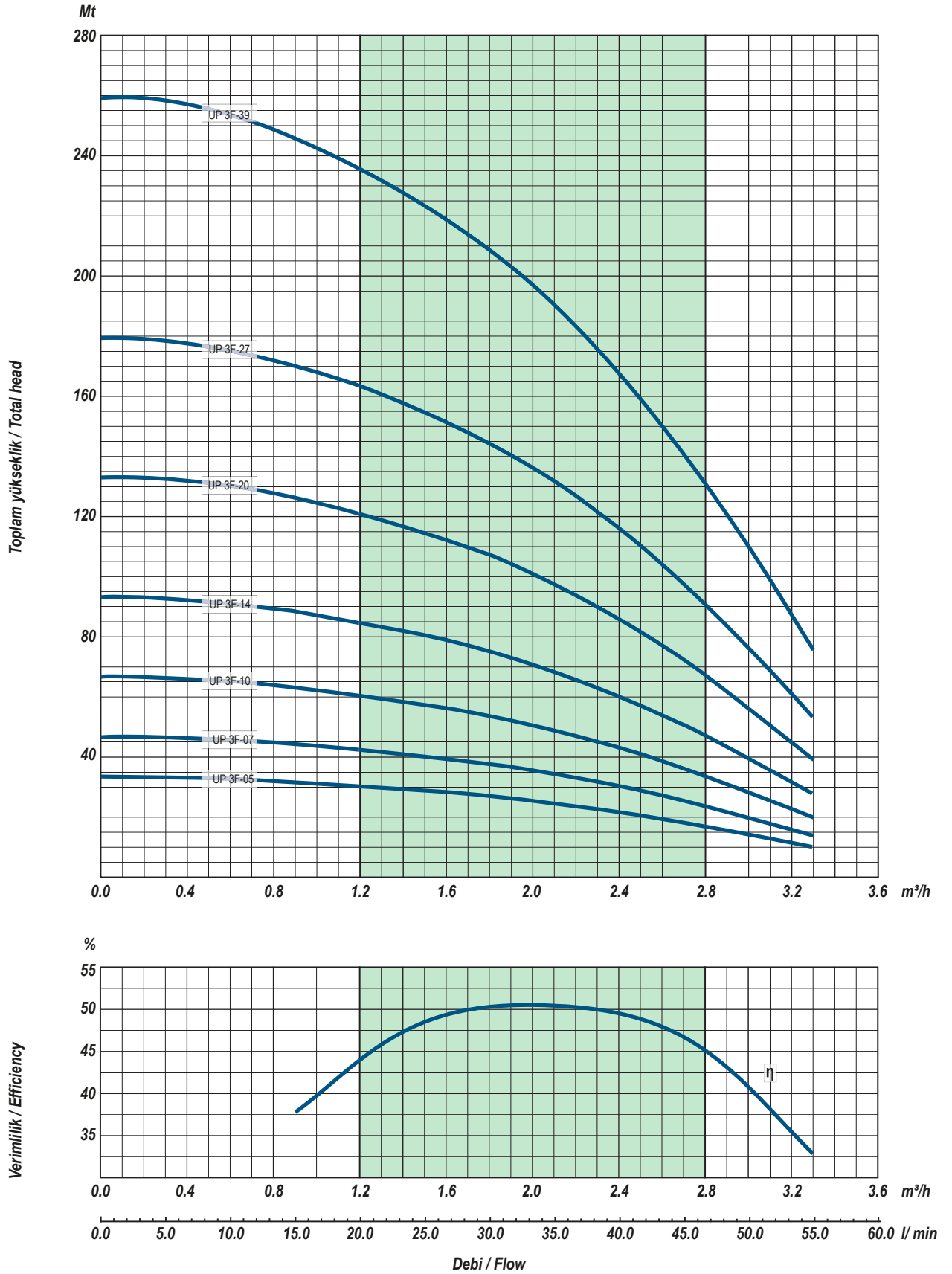
Pompa Modeli (Pump Model)	Motor			Boyutlar / Dimensions (mm)					Ağırlık / Weight (kg)				
	Tip/ Type	kW	Hp	L1	L2		Lt		Pompa Pump	Motor		Toplam/ Total	
					1~	3~	1~	3~		1~	3~	1~	3~
UP 3F-05	LP 4-050M/T	0,37	0,50	278	-	-	-	-	3,0	-	-	-	-
UP 3F-07	LP 4-050M/T	0,37	0,50	314	-	-	-	-	3,4	-	-	-	-
UP 3F-10	LP 4-075M/T	0,55	0,75	367	415	-	782	-	4,0	8,2	-	12,2	-
UP 3F-14	LP 4-100M/T	0,75	1,0	438	430	415	868	853	4,6	9,1	8,2	13,7	12,8
UP 3F-20	LP 4-150M/T	1,1	1,5	542	465	430	1007	972	5,6	10,5	9,2	16,1	14,8
UP 3F-27	LP 4-200M/T	1,5	2,0	695	475	465	1170	1160	7,1	11,2	10,6	18,3	17,7
UP 3F-39	LP 4-300M/T	2,2	3,0	934	538	475	1472	1409	9,4	15,0	11,4	24,4	20,8



Hidrolik Performans Tablosu 50 Hz/ Table of Hydraulic Performance at 50 Hz

Pompa Modeli (Pump Model)	Çıkış Gücü (Output Power)		Q= Debi / Flow										
			(m³/h)	0,00	0,90	1,19	1,51	1,80	2,09	2,41	2,70	2,99	3,31
	kW	Hp	(l/sec)	0,00	0,25	0,33	0,42	0,50	0,58	0,67	0,75	0,83	0,92
UP 3F-05	0,37	0,50	MSS / MPH	36	34	33	31	29	27	24	20	17	12
UP 3F-07	0,37	0,50		44	45	43	41	38	34	30	23	19	13
UP 3F-10	0,55	0,75		68	62	60	56	51	45	39	32	23	16
UP 3F-14	0,75	1,0		94	88	84	79	73	64	55	44	32	20
UP 3F-20	1,1	1,5		135	125	119	110	101	89	76	59	40	23
UP 3F-27	1,5	2,0		187	176	169	157	145	129	113	91	64	33
UP 3F-39	2,2	3,0		263	244	234	217	200	177	154	124	91	45

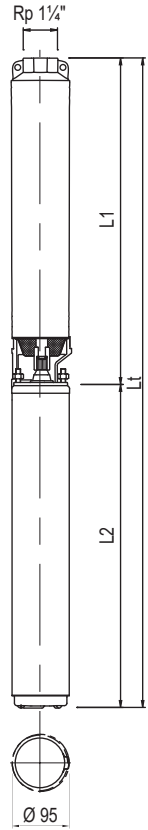
Performans Eğrileri 50 Hz/ Performance Curves at 50 Hz

MEI $\geq 0,40$ 

Teknik Bilgiler (4" ULUSU Motor)) / Technical Data (4" ULUSU Motor)

Pompa Modeli (Pump Model)	Motor			Boyutlar / Dimensions (mm)					Ağırlık / Weight (kg)				
	Tip/ Type	kW	Hp	L1	L2		Lt		Pompa Pump	Motor		Toplam/ Total	
					1~	3~	1~	3~		1~	3~	1~	3~
UP 4F-04	UP 4-050M/T	0,37	0,50	275	415	-	690	-	2,6	8,2	-	10,8	-
UP 4F-07	UP 4-075M/T	0,55	0,75	345	430	415	775	760	3,2	9,1	8,2	12,3	11,4
UP 4F-10	UP 4-100M/T	0,75	1,0	410	465	430	875	740	3,8	10,5	9,2	14,3	13,0
UP 4F-15	UP 4-150M/T	1,1	1,5	525	475	465	1000	990	4,5	11,2	10,6	15,7	15,1
UP 4F-20	UP 4-200M/T	1,5	2,0	639	538	473	1177	1112	5,5	15,0	11,4	20,5	16,9
UP 4F-30	UP 4-300M/T	2,2	3,0	875	600	556	1475	1431	7,8	17,0	14,8	24,8	22,6
UP 4F-37	UP 4-400M/T	3,0	4,0	1065	635	600	1700	1665	9,3	20,0	17,9	29,3	27,2

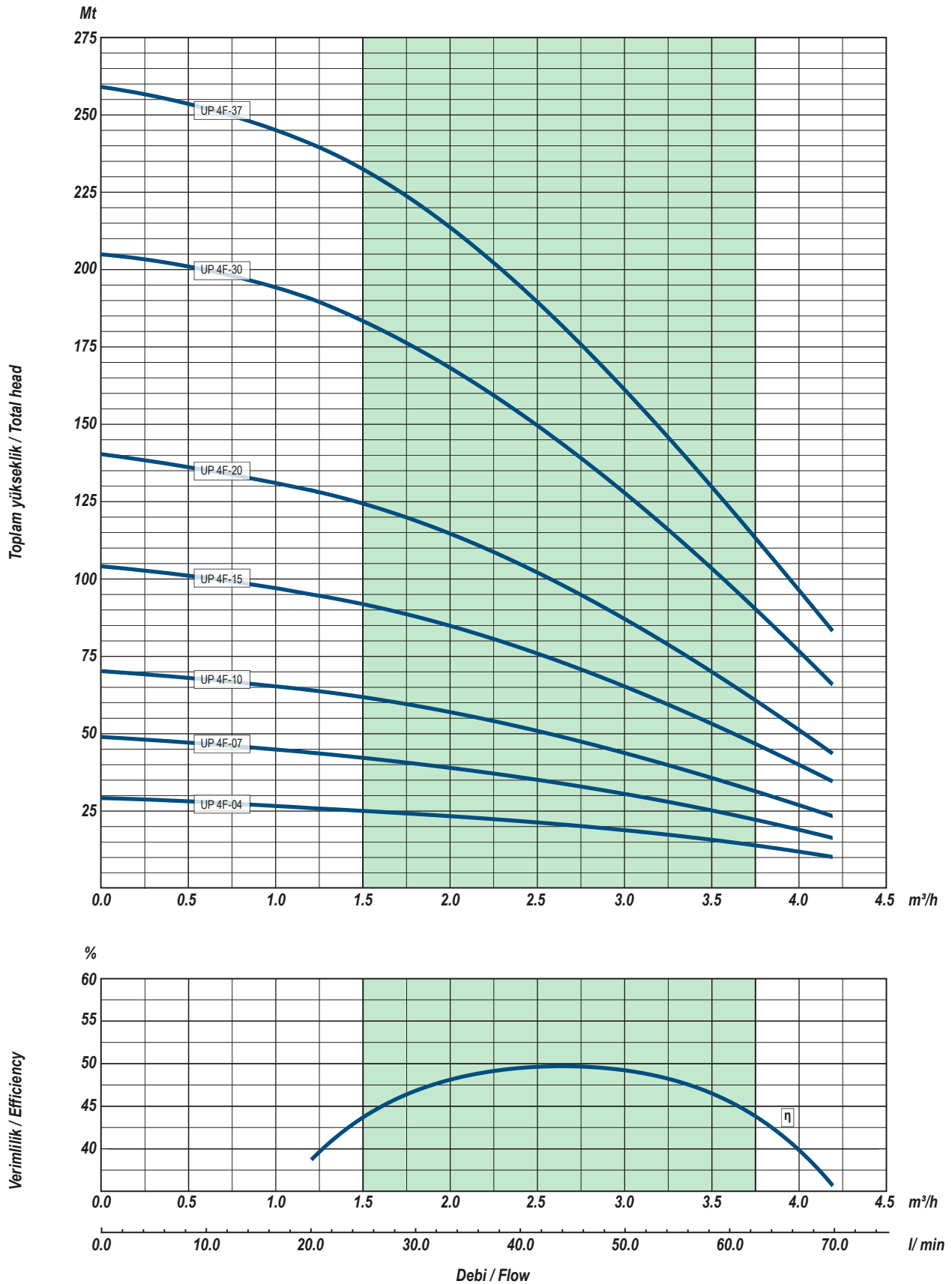
Pompa Modeli (Pump Model)	Motor			Boyutlar / Dimensions (mm)					Ağırlık / Weight (kg)				
	Tip/ Type	kW	Hp	L1	L2		Lt		Pompa Pump	Motor		Toplam/ Total	
					1~	3~	1~	3~		1~	3~	1~	3~
UP 4F-04	LP 4-050M/T	0,37	0,50	275	-	-	-	-	2,6	8,2	-	10,8	-
UP 4F-07	LP 4-075M/T	0,55	0,75	345	415	-	760	-	3,2	9,1	8,2	12,3	11,4
UP 4F-10	LP 4-100M/T	0,75	1,0	410	430	415	840	825	3,8	10,5	9,2	14,3	13,0
UP 4F-15	LP 4-150M/T	1,1	1,5	525	465	430	990	955	4,5	11,2	10,6	15,7	15,1
UP 4F-20	LP 4-200M/T	1,5	2,0	639	475	465	1114	1104	5,5	15,0	11,4	20,5	16,9
UP 4F-30	LP 4-300M/T	2,2	3,0	875	538	475	1413	1350	7,8	17,0	14,8	24,8	22,6
UP 4F-37	LP 4-400M/T	3,0	4,0	1065	-	556	-	1621	9,3	20,0	17,9	29,3	27,2



Hidrolik Performans Tablosu 50 Hz/ Table of Hydraulic Performance at 50 Hz

Pompa Modeli (Pump Model)	Çıkış Gücü (Output Power)		Q= Debi / Flow												
			(m³/h)	0,00	1,19	1,51	1,80	2,09	2,41	2,70	2,99	3,31	3,60	4,21	
	(l/sec)	0,00	0,33	0,42	0,50	0,58	0,67	0,75	0,83	0,92	1,00	1,17			
UP 4F-04	0,37	0,50	MSS / MPH	28	26	25	24	23	22	20	19	17	15	10	
UP 4F-07	0,55	0,75		48	44	42	40	39	36	33	30	28	24	16	
UP 4F-10	0,75	1,0		70	64	62	59	46	52	48	44	34	34	23	
UP 4F-15	1,1	1,5		104	95	92	88	83	78	72	65	58	51	34	
UP 4F-20	1,5	2,0		140	129	124	119	112	105	97	87	77	66	43	
UP 4F-30	2,2	3,0		205	191	183	175	164	154	142	128	113	98	65	
UP 4F-37	3,0	4,0		257	241	232	222	210	194	179	161	143	123	82	

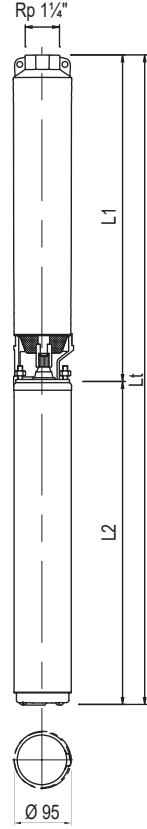
Performans Eğrileri 50 Hz/ Performance Curves at 50 Hz

MEI $\geq 0,40$ 

Teknik Bilgiler (4" ULUSU Motor) / Technical Data (4" ULUSU Motor)

Pompa Modeli (Pump Model)	Motor			Boyutlar / Dimensions (mm)					Ağırlık / Weight (kg)				
	Tip/ Type	kW	Hp	L1	L2		Lt		Pompa Pump	Motor		Toplam/ Total	
					1~	3~	1~	3~		1~	3~	1~	3~
UP 6F-04	UP 4-050M/T	0,37	0,50	278	415	-	693	-	2,9	8,2	-	11,1	-
UP 6F-07	UP 4-075M/T	0,55	0,75	343	430	415	773	758	3,5	9,1	8,2	12,6	11,7
UP 6F-10	UP 4-100M/T	0,75	1,0	411	465	430	876	841	4,2	10,5	9,2	14,7	13,4
UP 6F-14	UP 4-150M/T	1,1	1,5	498	475	465	973	963	5,1	11,2	10,6	16,3	15,7
UP 6F-18	UP 4-200M/T	1,5	2,0	588	538	473	1126	1061	5,9	15,0	11,4	20,9	17,3
UP 6F-27	UP 4-300M/T	2,2	3,0	784	600	556	1384	1340	7,2	17,0	14,8	24,2	22,0
UP 6F-32	UP 4-400M/T	3,0	4,0	953	635	600	1588	1553	9,2	20,0	17,9	29,2	29,1
UP 6F-40	UP 4-500M/T	3,7	5,0	1128	-	-	-	-	10,5	-	-	-	-
UP 6F-44	UP 4-550 T	4,0	5,5	1219	-	635	-	1854	11,8	-	19,9	-	41,7

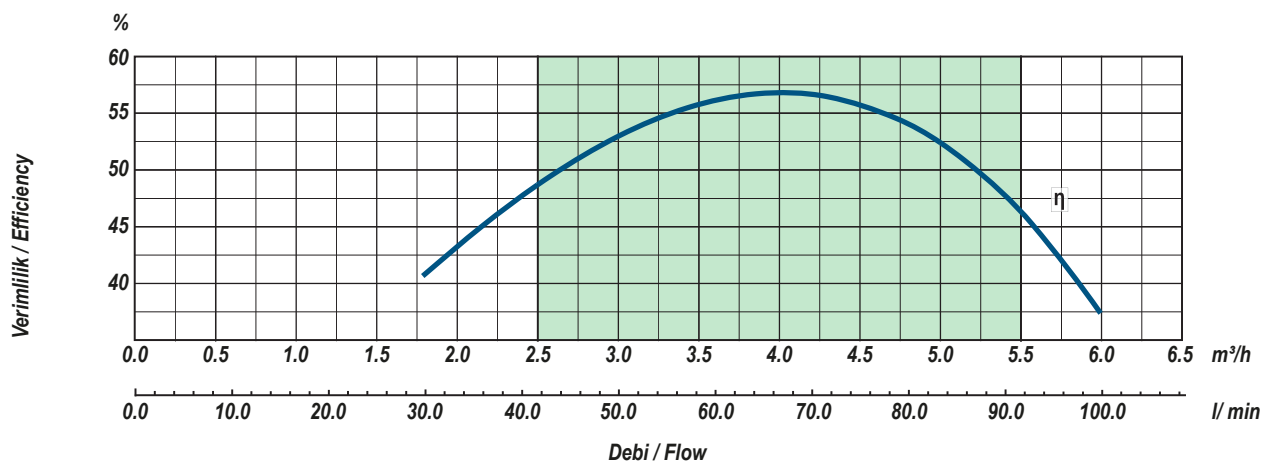
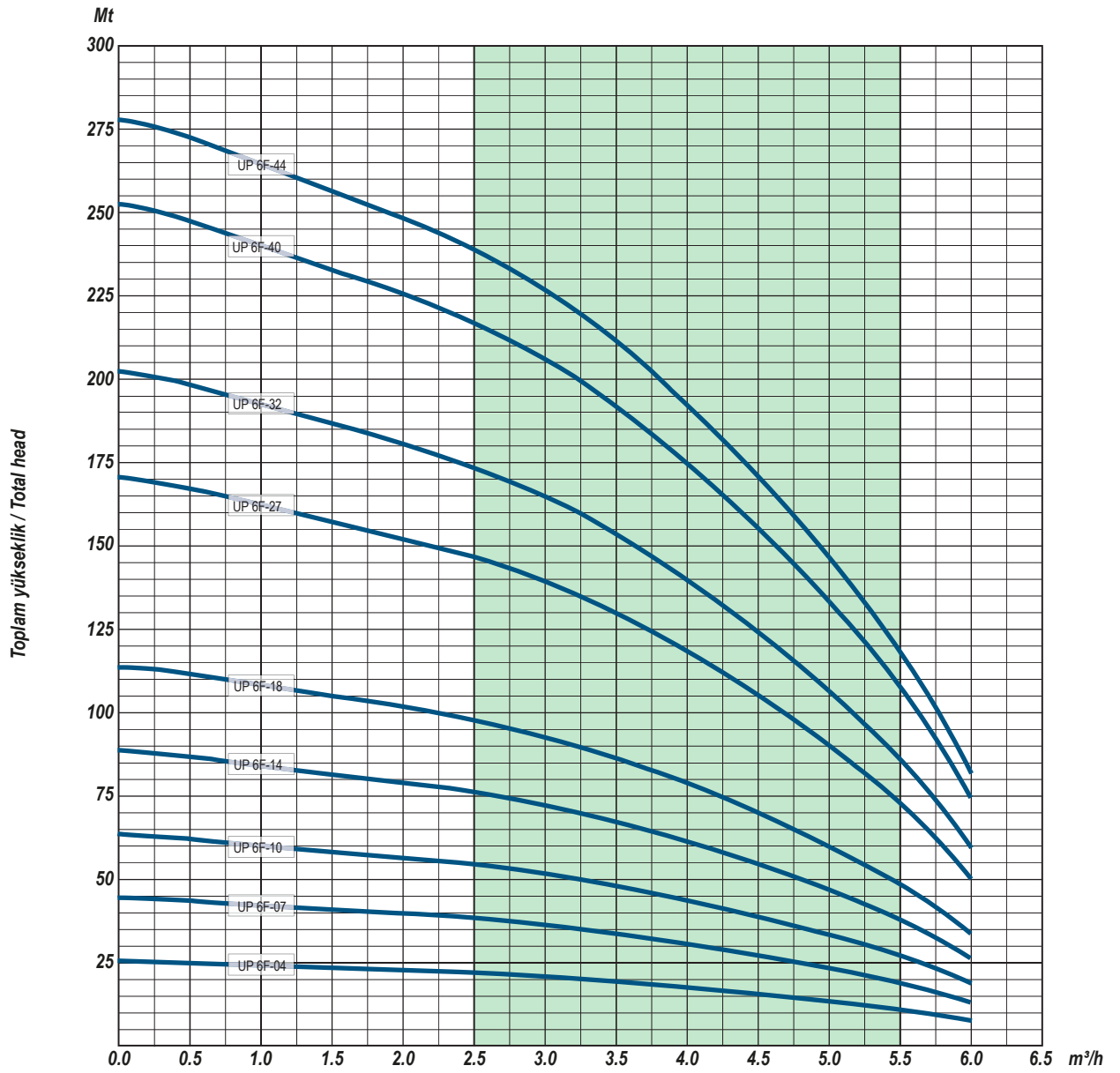
Pompa Modeli (Pump Model)	Motor			Boyutlar / Dimensions (mm)					Ağırlık / Weight (kg)				
	Tip/ Type	kW	Hp	L1	L2		Lt		Pompa Pump	Motor		Toplam/ Total	
					1~	3~	1~	3~		1~	3~	1~	3~
UP 6F-04	LP 4-050M/T	0,37	0,50	278	-	-	-	-	2,9	-	-	-	-
UP 6F-07	LP 4-075M/T	0,55	0,75	343	415	-	758	-	3,5	8,2	-	11,7	-
UP 6F-10	LP 4-100M/T	0,75	1,0	411	430	415	841	826	4,2	9,1	8,2	13,3	12,4
UP 6F-14	LP 4-150M/T	1,1	1,5	498	465	430	963	928	5,1	10,5	9,2	15,6	14,3
UP 6F-18	LP 4-200M/T	1,5	2,0	588	475	465	1063	1053	5,9	11,2	10,6	17,1	16,5
UP 6F-27	LP 4-300M/T	2,2	3,0	784	538	475	1322	1259	7,2	15,0	11,4	22,2	18,6
UP 6F-32	LP 4-400M/T	3,0	4,0	953	-	556	-	1509	9,2	-	14,8	-	24,0
UP 6F-40	LP 4-500M/T	3,7	5,0	1128	-	-	-	-	10,5	-	-	-	-
UP 6F-44	LP 4-550 T	4,0	5,5	1219	-	600	-	1819	11,8	-	17,9	-	29,7



Hidrolik Performans Tablosu 50 Hz/ Table of Hydraulic Performance at 50 Hz

Pompa Modeli (Pump Model)	Çıkış Gücü (Output Power)		Q= Debi / Flow												
	kW	Hp	(m³/h)	0,00	1,80	2,09	2,41	2,70	2,99	3,31	3,60	4,21	4,79	5,40	6,01
			(l/sec)	0,00	0,50	0,58	0,67	0,75	0,83	0,92	1,00	1,17	1,33	1,50	1,67
UP 6F-04	0,37	0,50	MSS / MPH	26	23	23	22	22	21	20	19	18	15	12	8
UP 6F-07	0,55	0,75		44	40	39	38	36	35	33	32	28	23	17	11
UP 6F-10	0,75	1,0		65	59	58	56	54	52	50	47	42	35	27	18
UP 6F-14	1,1	1,5		92	84	82	80	77	75	71	69	61	51	39	25
UP 6F-18	1,5	2,0		119	109	109	104	100	97	93	90	79	66	51	33
UP 6F-27	2,2	3,0		179	164	160	154	151	145	140	133	115	99	78	54
UP 6F-32	3,0	4,0		211	197	192	186	181	173	167	159	141	118	93	66
UP 6F-40	3,7	5,0		268	246	239	232	225	215	206	195	168	138	103	71
UP 6F-44	4,0	5,5		292	272	265	256	247	238	226	214	184	150	120	85

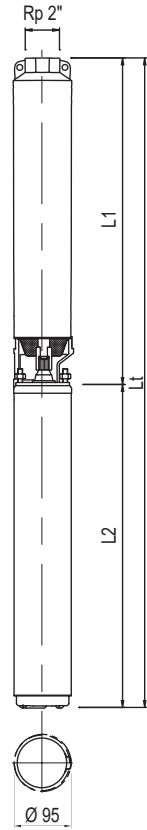
Performans Eğrileri 50 Hz/ Performance Curves at 50 Hz

MEI $\geq 0,40$ 

Teknik Bilgiler (4" ULUSU Motor) / Technical Data (4" ULUSU Motor)

Pompa Modeli (Pump Model)	Motor			Boyutlar / Dimensions (mm)					Ağırlık / Weight (kg)				
	Tip/ Type	kW	Hp	L1	L2		Lt		Pompa Pump	Motor		Toplam/ Total	
					1~	3~	1~	3~		1~	3~	1~	3~
UP 9F-06	UP 4-100M/T	0,75	1,0	371	465	430	836	801	3,2	10,5	9,2	13,7	12,4
UP 9F-09	UP 4-150M/T	1,1	1,5	461	475	465	936	926	4,0	11,2	10,6	15,2	14,6
UP 9F-13	UP 4-200M/T	1,5	2,0	612	538	473	1150	1085	5,3	15,0	11,4	20,3	16,7
UP 9F-19	UP 4-300M/T	2,2	3,0	821	600	556	1421	1377	7,0	17,0	14,8	24,0	21,8
UP 9F-26	UP 4-400M/T	3,0	4,0	1031	635	600	1666	1631	8,7	20,0	17,9	28,7	26,6
UP 9F-31	UP 4-500M/T	3,7	5,0	1212	-	-	-	-	10,2	-	-	-	-
UP 9F-34	UP 4-550T	4,0	5,5	1303	-	635	-	1938	10,9	-	19,9	-	30,8
UP 9F-45	UP 4-750T	5,5	7,5	1631	-	775	-	2406	14,1	-	25,0	-	39,1

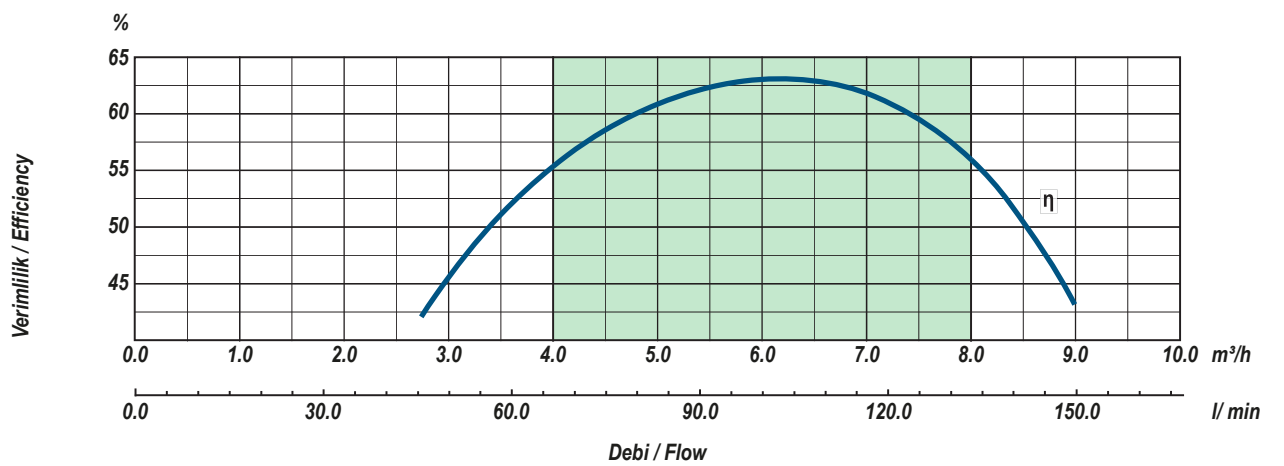
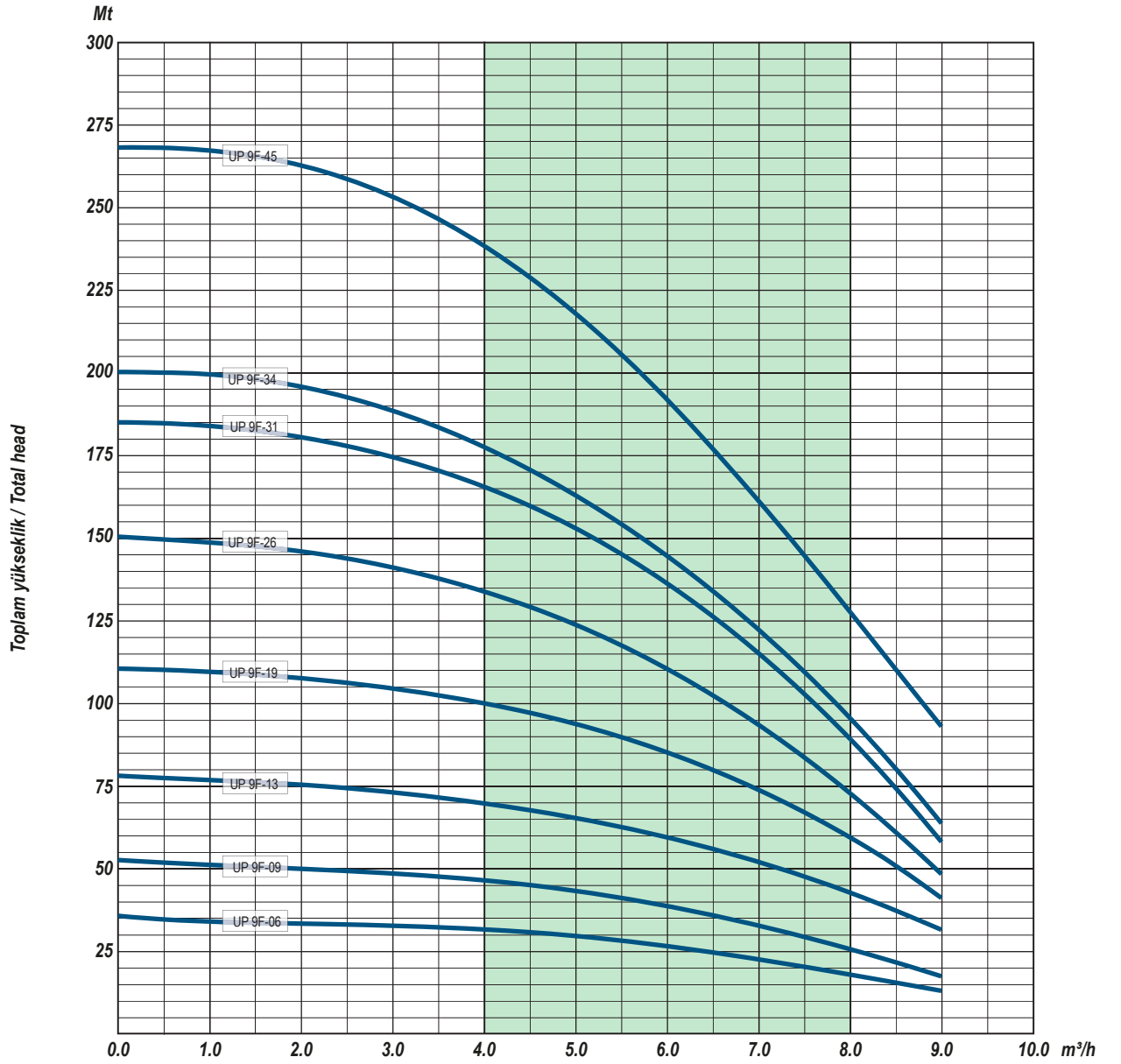
Pompa Modeli (Pump Model)	Motor			Boyutlar / Dimensions (mm)					Ağırlık / Weight (kg)				
	Tip/ Type	kW	Hp	L1	L2		Lt		Pompa Pump	Motor		Toplam/ Total	
					1~	3~	1~	3~		1~	3~	1~	3~
UP 9F-06	LP 4-100M/T	0,75	1,0	371	430	415	801	786	3,2	9,1	8,2	12,3	11,4
UP 9F-09	LP 4-150M/T	1,1	1,5	461	465	430	926	891	4,0	10,5	9,2	14,5	13,2
UP 9F-13	LP 4-200M/T	1,5	2,0	612	475	465	1087	1077	5,3	11,2	10,6	16,5	15,9
UP 9F-19	LP 4-300M/T	2,2	3,0	821	538	475	1359	1296	7,0	15,0	11,4	22,0	18,4
UP 9F-26	LP 4-400M/T	3,0	4,0	1031	-	556	-	1587	8,7	-	14,8	-	23,5
UP 9F-31	LP 4-500M/T	3,7	5,0	1212	-	-	-	-	10,2	-	-	-	-
UP 9F-34	LP 4-550T	4,0	5,5	1303	-	600	-	1903	10,9	-	17,9	-	28,8
UP 9F-45	LP 4-750T	5,5	7,5	1631	-	635	-	2266	14,1	-	19,9	-	34,0



Hidrolik Performans Tablosu 50 Hz/ Table of Hydraulic Performance at 50 Hz

Pompa Modeli (Pump Model)	Çıkış Gücü (Output Power)		Q= Debi / Flow												
			(m³/h)	0,00	2,70	2,99	3,31	3,60	4,21	4,79	5,40	6,01	7,20	7,99	9,00
	kW	Hp	(l/sec)	0,00	0,75	0,83	0,92	1,00	1,17	1,33	1,50	1,67	2,00	2,22	2,50
UP 9F-06	0,75	1,0	MSS / MPH	35	33	33	32	32	31	30	29	27	23	19	13
UP 9F-09	1,1	1,5		52	48	48	47	47	45	43	41	38	32	26	18
UP 9F-13	1,5	2,0		78	74	73	73	72	71	68	65	62	53	45	31
UP 9F-19	2,2	3,0		109	103	102	102	100	98	94	89	83	70	60	41
UP 9F-26	3,0	4,0		151	142	141	139	138	133	125	118	108	89	74	48
UP 9F-31	3,7	5,0		185	173	172	170	167	160	152	141	130	109	90	56
UP 9F-34	4,0	5,5		201	188	187	185	183	176	165	154	139	116	95	64
UP 9F-45	5,5	7,5		268	253	252	249	247	237	225	212	192	154	129	99

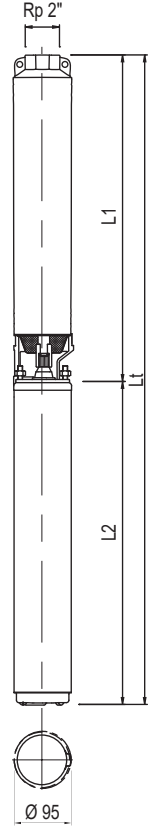
Performans Eğrileri 50 Hz/ Performance Curves at 50 Hz

MEI $\geq 0,40$ 

Teknik Bilgiler (4" ULUSU Motor) / Technical Data (4" ULUSU Motor)

Pompa Modeli (Pump Model)	Motor			Boyutlar / Dimensions (mm)					Ağırlık / Weight (kg)				
	Tip/ Type	kW	Hp	L1	L2		Lt		Pompa Pump	Motor		Toplam/ Total	
					1~	3~	1~	3~		1~	3~	1~	3~
UP 12F-04	UP 4-100M/T	0,75	1,0	311	465	430	776	741	2,9	10,5	9,2	13,4	12,1
UP 12F-06	UP 4-150M/T	1,1	1,5	371	475	465	846	836	3,2	11,2	10,6	14,4	13,8
UP 12F-09	UP 4-200M/T	1,5	2,0	461	538	473	999	934	4,0	15,0	11,4	19	15,4
UP 12F-14	UP 4-300M/T	2,2	3,0	643	600	556	1243	1199	5,4	17,0	14,8	22,4	20,2
UP 12F-18	UP 4-400M/T	3,0	4,0	793	635	600	1428	1393	6,6	20,0	17,9	26,6	24,5
UP 12F-23	UP 4-550T	4,0	5,5	943	-	635	-	1278	7,7	-	19,9	-	27,6
UP 12F-32	UP 4-750T	5,5	7,5	1245	-	775	-	2020	10,1	-	25,0	-	35,1
UP 12F-42	UP 4-1000T	7,5	10,0	1576	-	862	-	2438	12,8	-	29,4	-	42,2

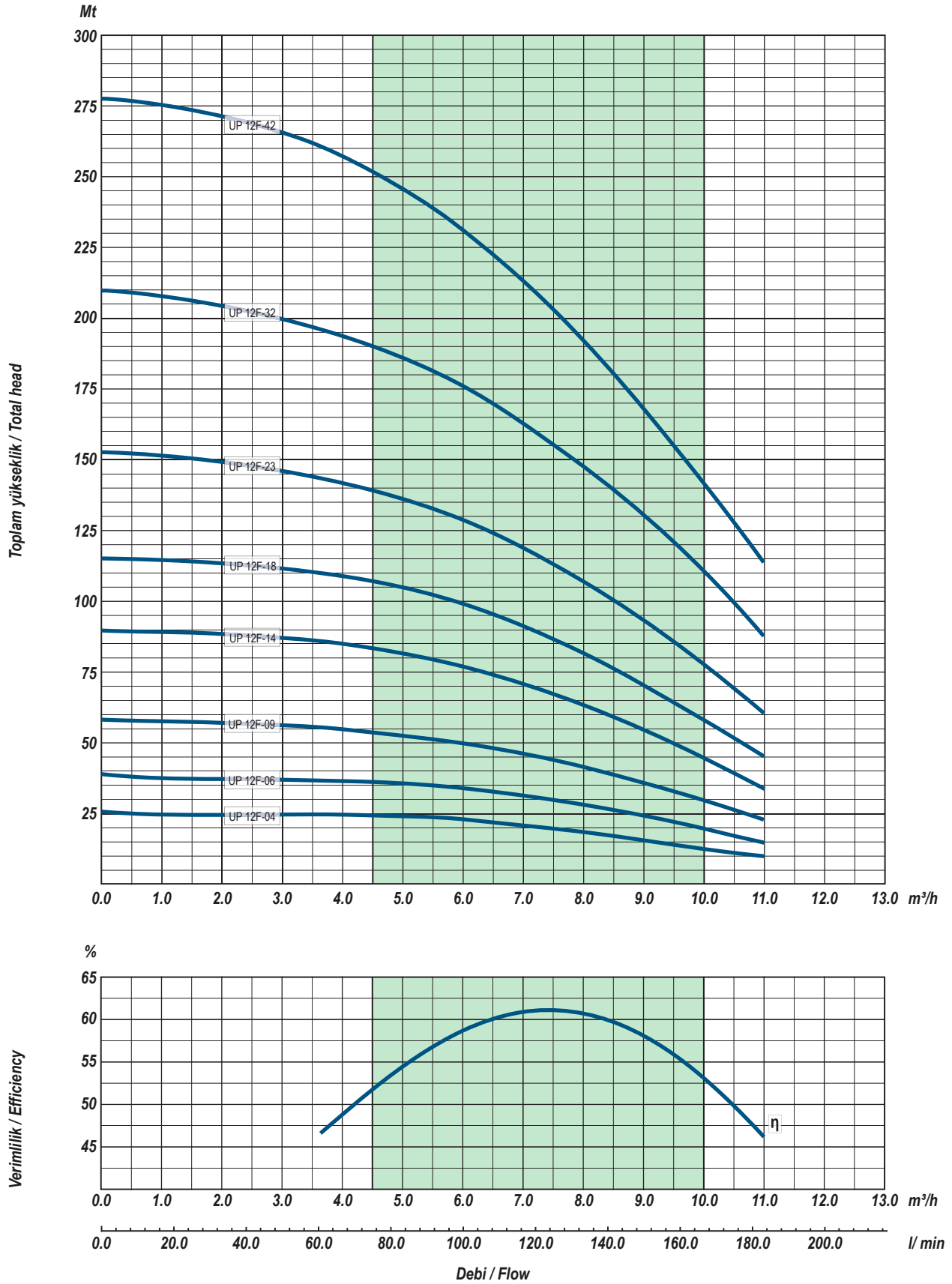
Pompa Modeli (Pump Model)	Motor			Boyutlar / Dimensions (mm)					Ağırlık / Weight (kg)				
	Tip/ Type	kW	Hp	L1	L2		Lt		Pompa Pump	Motor		Toplam/ Total	
					1~	3~	1~	3~		1~	3~	1~	3~
UP 12F-04	LP 4-100M/T	0,75	1,0	311	430	415	741	726	2,9	9,1	8,2	12,0	11,1
UP 12F-06	LP 4-150M/T	1,1	1,5	371	465	430	836	801	3,2	10,5	9,2	13,7	12,4
UP 12F-09	LP 4-200M/T	1,5	2,0	461	475	465	936	926	4,0	11,2	10,6	15,2	14,6
UP 12F-14	LP 4-300M/T	2,2	3,0	643	538	475	1181	1118	5,4	15,0	11,4	20,4	16,8
UP 12F-18	LP 4-400M/T	3,0	4,0	793	-	556	-	1349	6,6	-	14,8	-	21,4
UP 12F-23	LP 4-550T	4,0	5,5	943	-	600	-	1543	7,7	-	17,9	-	25,6
UP 12F-32	LP 4-750T	5,5	7,5	1245	-	635	-	1880	10,1	-	19,9	-	33,0
UP 12F-42	LP 4-1000T	7,5	10,0	1576	-	775	-	2351	12,8	-	25,0	-	37,8



Hidrolik Performans Tablosu 50 Hz/ Table of Hydraulic Performance at 50 Hz

Pompa Modeli (Pump Model)	Çıkış Gücü (Output Power)		Q= Debi / Flow												
			(m³/h)	0,00	3,60	4,21	4,79	5,40	6,01	6,98	7,99	9,00	9,61	10,80	11,99
	kW	Hp	(l/sec)	0,00	1,00	1,17	1,33	1,50	1,67	1,94	2,22	2,50	2,67	3,0	3,33
UP 12F-04	0,75	1,0	MSS / MPH	25	24	24	23	23	22	20	18	15	14	10	8
UP 12F-06	1,1	1,5		38	36	36	35	34	33	31	27	24	21	15	10
UP 12F-09	1,5	2,0		57	54	53	52	51	49	45	41	35	31	24	15
UP 12F-14	2,2	3,0		88	84	83	81	79	75	70	63	54	47	36	22
UP 12F-18	3,0	4,0		113	108	106	104	101	98	90	81	69	63	47	32
UP 12F-23	4,0	5,5		146	142	139	137	132	125	116	105	92	83	63	41
UP 12F-32	5,5	7,5		201	197	194	189	181	173	158	142	129	116	91	59
UP 12F-42	7,5	10,0		266	259	254	247	239	229	210	186	164	157	119	82

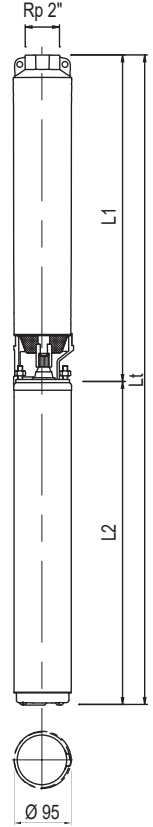
Performans Eğrileri 50 Hz/ Performance Curves at 50 Hz

MEI $\geq 0,40$ 

Teknik Bilgiler (4" ULUSU Motor) / Technical Data (4" ULUSU Motor)

Pompa Modeli (Pump Model)	Motor			Boyutlar / Dimensions (mm)					Ağırlık / Weight (kg)				
	Tip/ Type	kW	Hp	L1	L2		Lt		Pompa Pump	Motor		Toplam/ Total	
					1~	3~	1~	3~		1~	3~	1~	3~
UP 14F-07	UP 4-150M/T	1,1	1,5	540	475	465	1015	1005	3,9	11,2	10,6	15,1	14,5
UP 14F-10	UP 4-200M/T	1,5	2,0	723	538	473	1261	1196	5,1	15,0	11,4	20,1	16,5
UP 14F-14	UP 4-300M/T	2,2	3,0	927	600	556	1527	1483	6,9	17,0	14,8	23,9	21,7
UP 14F-17	UP 4-400M/T	3,0	4,0	1110	635	600	1745	1710	8,2	20,0	17,9	28,2	26,1
UP 14F-20	UP 4-500M/T	3,7	5,0	1263	-	-	-	-	9,7	-	-	-	-
UP 14F-22	UP 4-550T	4,0	5,5	1395	-	635	-	2030	10,7	-	19,9	-	30,6
UP 14F-28	UP 4-750T	5,5	7,5	1701	-	775	-	2476	13,0	-	25,0	-	38,0
UP 14F-35	UP 4-1000T	7,5	10,0	2088	-	862	-	2950	16,0	-	29,4	-	45,4

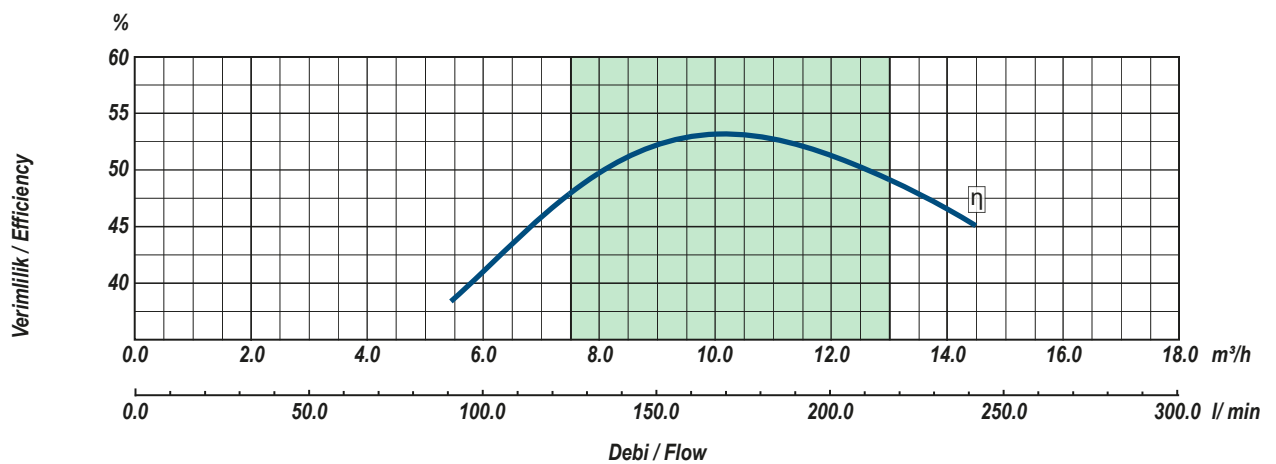
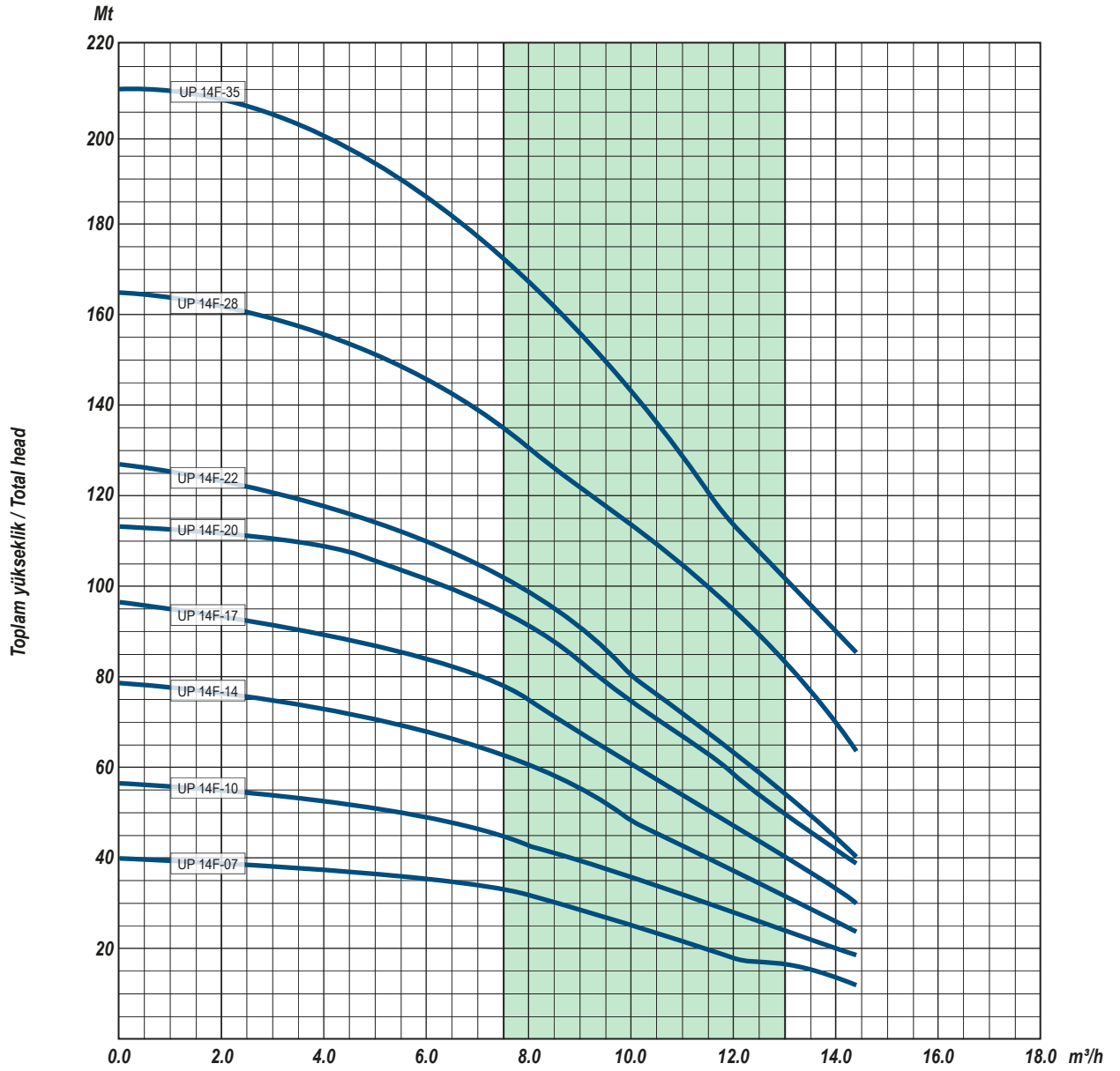
Pompa Modeli (Pump Model)	Motor			Boyutlar / Dimensions (mm)					Ağırlık / Weight (kg)				
	Tip/ Type	kW	Hp	L1	L2		Lt		Pompa Pump	Motor		Toplam/ Total	
					1~	3~	1~	3~		1~	3~	1~	3~
UP 14F-07	LP 4-150M/T	1,1	1,5	540	465	430	1005	970	3,9	10,5	9,2	14,4	13,1
UP 14F-10	LP 4-200M/T	1,5	2,0	723	475	465	1198	1188	5,1	11,2	10,6	16,3	15,7
UP 14F-14	LP 4-300M/T	2,2	3,0	927	538	475	1465	1402	6,9	15,0	11,4	21,9	18,3
UP 14F-17	LP 4-400M/T	3,0	4,0	1110	-	556	-	1666	8,2	-	14,8	-	23,0
UP 14F-20	LP 4-500M/T	3,7	5,0	1263	-	-	-	-	9,7	-	-	-	-
UP 14F-22	LP 4-550T	4,0	5,5	1395	-	600	-	1995	10,7	-	17,9	-	28,6
UP 14F-28	LP 4-750T	5,5	7,5	1701	-	635	-	2336	13,0	-	19,9	-	32,9
UP 14F-35	LP 4-1000T	7,5	10,0	2088	-	775	-	2863	16,0	-	25,0	-	41,0



Hidrolik Performans Tablosu 50 Hz/ Table of Hydraulic Performance at 50 Hz

Pompa Modeli (Pump Model)	Çıkış Gücü (Output Power)		Q= Debi / Flow												
			(m³/h)	0,00	4,79	6,01	7,00	7,99	9,00	9,61	10,10	10,80	11,99	13,00	11,99
	kW	Hp	(l/sec)	0,00	1,33	1,67	1,94	2,22	2,50	2,67	2,81	3,00	3,33	3,61	3,33
UP 14F-07	1,1	1,5	MSS / MPH	40	36	34	33	31	28	26	24	22	18	16	8
UP 14F-10	1,5	2,0		56	51	48	46	43	39	37	35	32	27	23	10
UP 14F-14	2,2	3,0		78	71	68	65	60	54	51	48	44	37	31	15
UP 14F-17	3,0	4,0		96	87	83	79	75	67	64	60	55	46	39	22
UP 14F-20	3,7	5,0		116	107	102	97	91	83	80	75	69	58	50	32
UP 14F-22	4,0	5,5		126	115	110	105	98	89	84	80	73	62	54	41
UP 14F-28	5,5	7,5		165	154	145	138	131	121	117	111	102	90	79	59
UP 14F-35	7,5	10,0		210	195	184	175	165	156	148	141	132	116	103	82

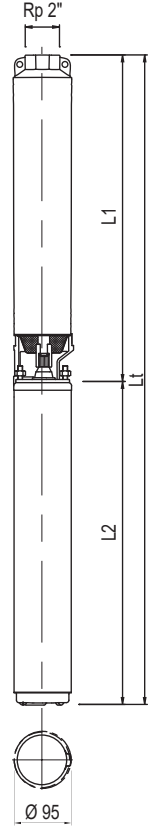
Performans Eğrileri 50 Hz/ Performance Curves at 50 Hz

MEI $\geq 0,40$ 

Teknik Bilgiler (4" ULUSU Motor) / Technical Data (4" ULUSU Motor)

Pompa Modeli (Pump Model)	Motor			Boyutlar / Dimensions (mm)					Ağırlık / Weight (kg)				
	Tip/ Type	kW	Hp	L1	L2		Lt		Pompa Pump	Motor		Toplam/ Total	
					1~	3~	1~	3~		1~	3~	1~	3~
UP 17F-05	UP 4-150M/T	1,1	1,5	440	475	465	915	905	3,4	11,2	10,6	14,6	14,0
UP 17F-07	UP 4-200M/T	1,5	2,0	540	538	473	1078	1013	4,0	15,0	11,4	19,0	15,4
UP 17F-11	UP 4-300M/T	2,2	3,0	770	600	556	1370	1326	5,8	17,0	14,8	22,8	20,6
UP 17F-14	UP 4-400M/T	3,0	4,0	920	635	600	1555	1520	6,9	20,0	17,9	26,9	24,8
UP 17F-17	UP 4-500M/T	3,7	5,0	1100	-	-	-	-	8,1	-	-	-	-
UP 17F-18	UP 4-550T	4,0	5,5	1150	-	635	-	1785	8,5	-	19,9	-	28,4
UP 17F-25	UP 4-750T	5,5	7,5	1535	-	775	-	2310	11,3	-	25,0	-	36,3
UP 17F-32	UP 4-1000T	7,5	10,0	1915	-	862	-	2777	14,4	-	29,4	-	43,8

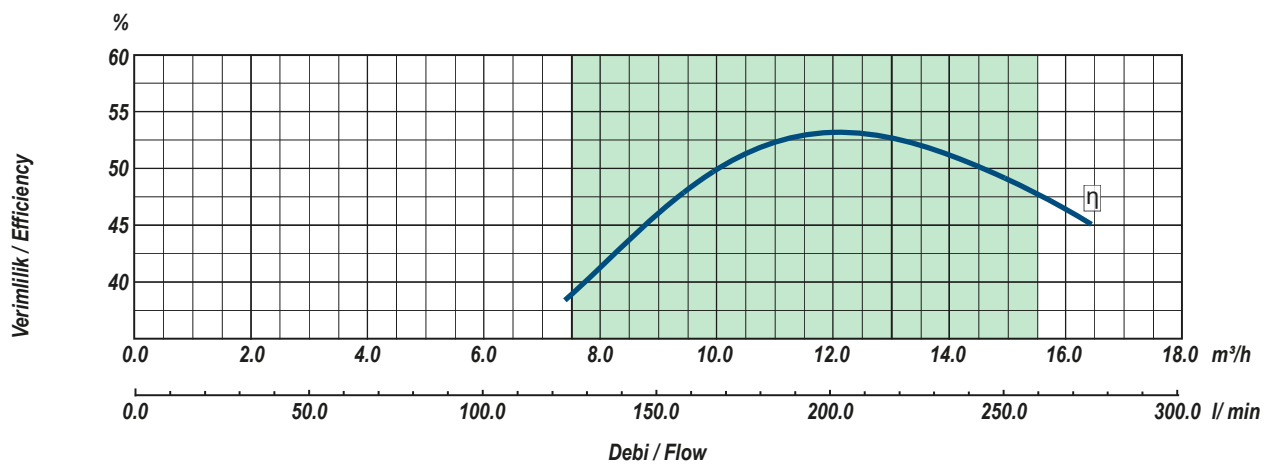
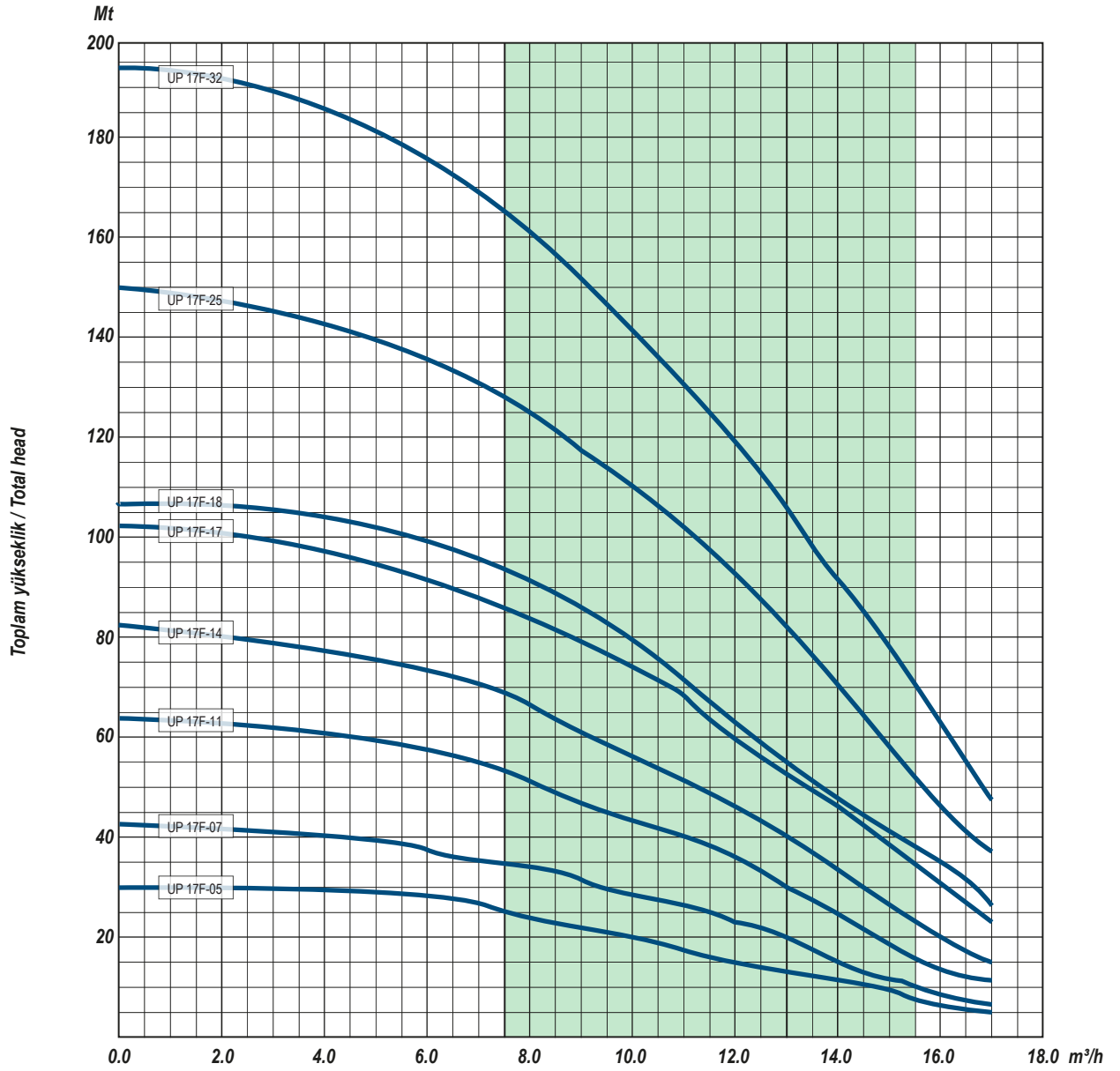
Pompa Modeli (Pump Model)	Motor			Boyutlar / Dimensions (mm)					Ağırlık / Weight (kg)				
	Tip/ Type	kW	Hp	L1	L2		Lt		Pompa Pump	Motor		Toplam/ Total	
					1~	3~	1~	3~		1~	3~	1~	3~
UP 17F-05	LP 4-150M/T	1,1	1,5	440	465	430	905	870	3,4	10,5	9,2	13,9	12,6
UP 17F-07	LP 4-200M/T	1,5	2,0	540	475	465	1015	1005	4,0	11,2	10,6	15,2	14,6
UP 17F-11	LP 4-300M/T	2,2	3,0	770	538	475	1308	1245	5,8	15,0	11,4	20,8	17,2
UP 17F-14	LP 4-400M/T	3,0	4,0	920	-	556	-	1476	6,9	-	14,8	-	21,7
UP 17F-17	LP 4-500M/T	3,7	5,0	1100	-	-	-	-	8,1	-	-	-	-
UP 17F-18	LP 4-550T	4,0	5,5	1150	-	600	-	1750	8,5	-	17,9	-	26,4
UP 17F-25	LP 4-750T	5,5	7,5	1535	-	635	-	2170	11,3	-	19,9	-	31,2
UP 17F-32	LP 4-1000T	7,5	10,0	1915	-	775	-	2690	14,4	-	25,0	-	39,4



Hidrolik Performans Tablosu 50 Hz/ Table of Hydraulic Performance at 50 Hz

Pompa Modeli (Pump Model)	Çıkış Gücü (Output Power)		Q= Debi / Flow												
			(m³/h)	0,00	5,40	6,01	7,20	7,99	9,00	10,80	11,99	13,00	14,00	15,59	16,99
	kW	Hp	(l/sec)	0,00	1,50	1,67	2,00	2,22	2,50	3,00	3,33	3,61	3,89	4,33	4,72
UP 17F-05	1,1	1,5	MSS / MPH	30	27	26	25	24	22	18	16	13	12	9	5
UP 17F-07	1,5	2,0		42	38	37	35	33	31	27	23	20	17	12	7
UP 17F-11	2,2	3,0		56	58	57	53	51	47	40	34	30	25	18	11
UP 17F-14	3,0	4,0		82	74	73	69	66	61	53	46	39	34	25	15
UP 17F-17	3,7	5,0		101	94	92	87	84	79	68	59	52	46	36	23
UP 17F-18	4,0	5,5		107	99	97	93	89	83	72	63	56	49	39	26
UP 17F-25	5,5	7,5		150	138	134	128	123	117	103	89	80	70	55	38
UP 17F-32	7,5	10,0		194	179	175	167	160	152	133	118	105	92	75	53

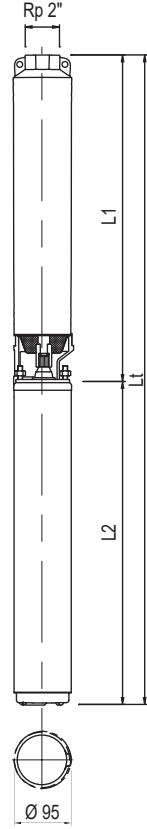
Performans Eğrileri 50 Hz/ Performance Curves at 50 Hz

MEI $\geq 0,40$ 

Teknik Bilgiler (4" ULUSU Motor) / Technical Data (4" ULUSU Motor)

Pompa Modeli (Pump Model)	Motor			Boyutlar / Dimensions (mm)					Ağırlık / Weight (kg)				
	Tip/ Type	kW	Hp	L1	L2		Lt		Pompa Pump	Motor		Toplam/ Total	
					1~	3~	1~	3~		1~	3~	1~	3~
UP 24F-06	UP 4-200M/T	1,5	2,0	539	538	473	1077	1012	4,4	15,0	11,4	19,4	15,8
UP 24F-08	UP 4-300M/T	2,2	3,0	686	600	556	1286	1242	5,4	17,0	14,8	22,4	20,2
UP 24F-11	UP 4-400T	3,0	4,0	907	635	600	1542	1507	6,9	20,0	17,9	26,9	24,8
UP 24F-15	UP 4-500T	4,0	5,5	1202	-	635	-	1837	9,0	-	19,9	-	28,9
UP 24F-20	UP 4-750T	5,5	7,5	1570	-	775	-	2345	11,6	-	25,0	-	36,6
UP 24F-28	UP 4-1000T	7,5	10,0	2159	-	862	-	3021	15,8	-	29,4	-	45,2

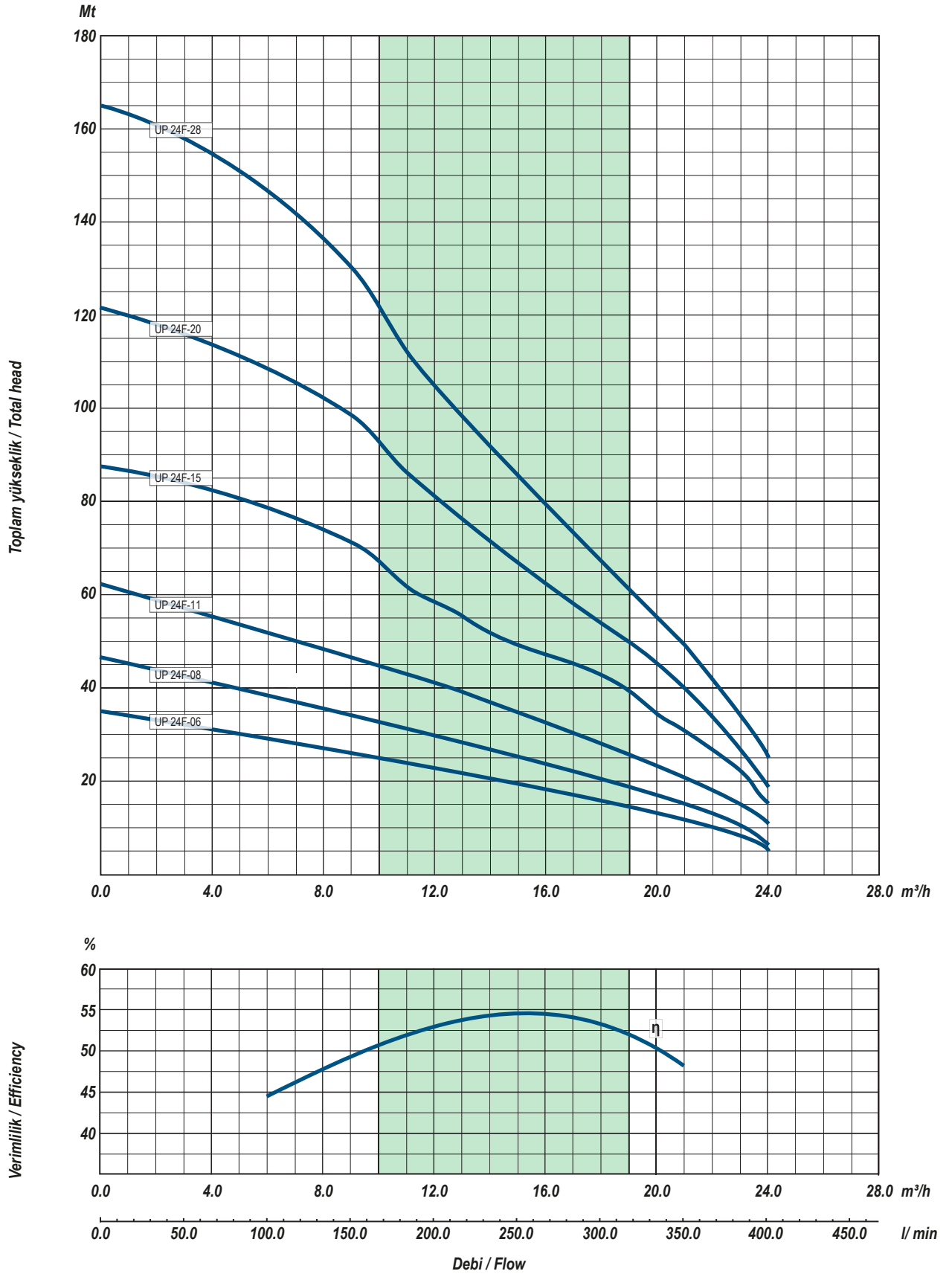
Pompa Modeli (Pump Model)	Motor			Boyutlar / Dimensions (mm)					Ağırlık / Weight (kg)				
	Tip/ Type	kW	Hp	L1	L2		Lt		Pompa Pump	Motor		Toplam/ Total	
					1~	3~	1~	3~		1~	3~	1~	3~
UP 24F-06	LP 4-200M/T	1,5	2,0	539	475	465	1014	1004	4,4	11,2	10,6	15,6	15,0
UP 24F-08	LP 4-300M/T	2,2	3,0	686	538	473	1224	1159	5,4	15,0	11,4	24,0	16,8
UP 24F-11	LP 4-400T	3,0	4,0	907	-	556	-	1463	6,9	-	14,8	-	21,7
UP 24F-15	LP 4-500T	4,0	5,5	1202	-	600	-	1802	9,0	-	17,9	-	26,9
UP 24F-20	LP 4-750T	5,5	7,5	1570	-	635	-	2205	11,6	-	19,9	-	31,5
UP 24F-28	LP 4-1000T	7,5	10,0	2159	-	775	-	2934	15,8	-	25,0	-	40,8



Hidrolik Performans Tablosu 50 Hz/ Table of Hydraulic Performance at 50 Hz

Pompa Modeli (Pump Model)	Çıkış Gücü (Output Power)		Q= Debi / Flow												
			(m³/h)	0,00	9,00	11,00	13,00	14,00	15,00	16,00	17,00	19,00	21,00	23,00	24,00
	kW	Hp	(l/sec)	0,00	2,50	3,06	3,61	3,89	4,17	4,44	4,72	5,28	5,83	6,39	6,67
UP 24F-06	1,5	2,0	MSS / MPH	35	26	23	21	20	19	17	16	14	11	8	5
UP 24F-08	2,2	3,0		46	34	31	28	26	25	23	22	18	14	10	7
UP 24F-11	3,0	4,0		63	48	43	39	37	35	33	30	26	21	15	11
UP 24F-15	4,0	5,5		87	72	61	55	52	49	47	45	39	31	21	15
UP 24F-20	5,5	7,5		121	98	86	76	71	67	62	58	50	40	27	18
UP 24F-28	7,5	10,0		165	130	112	98	92	86	80	74	62	49	34	25

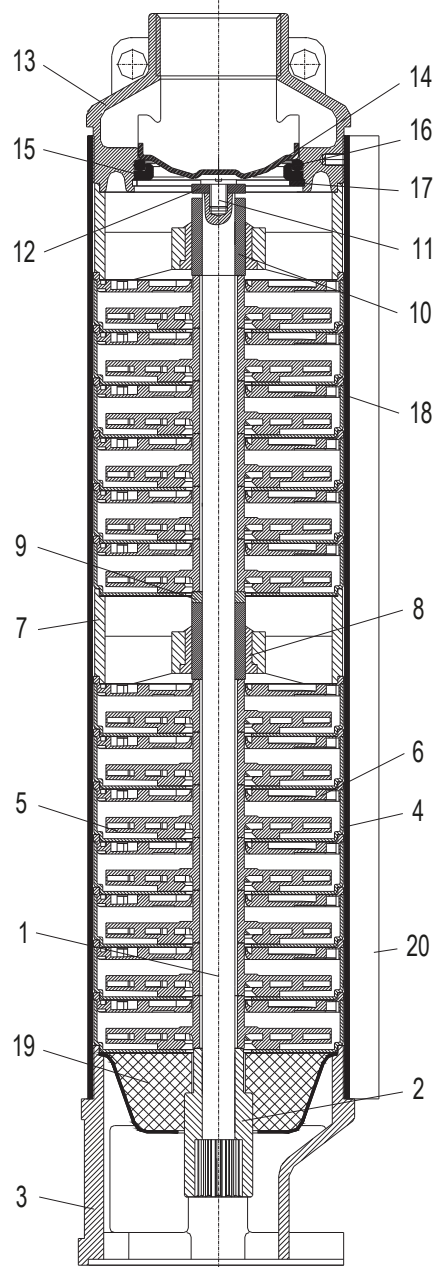
Performans Eğrileri 50 Hz/ Performance Curves at 50 Hz

MEI $\geq 0,40$ 

Referans Numarası	Açıklama	Malzeme Yapısı
1	Mil	Paslanmaz Çelik (AISI 304)
2	Kaplin	Paslanmaz Çelik (AISI 304)
3	Emiş Ara Bağlantı	Paslanmaz Çelik (AISI 304)
4	Dış Gövde	Paslanmaz Çelik (AISI 304)
5	Fan	Polikarbonat
6	Difüzör	Noril
7	Ara Yataklama	Reçine
8	Ara Yataklama Burcu	Reçine
9	Üst Ara Parça	Polikarbonat
10	Üst Mil Burcu	Paslanmaz Çelik (AISI 316)
11	Vida	Paslanmaz Çelik (AISI 304)
12	Pul	Paslanmaz Çelik (AISI 316)
13	Çıkış Ağızı	Paslanmaz Çelik (AISI 304)
14	Çekvalf Diski	Paslanmaz Çelik (AISI 304)
15	Çekvalf Contası	Paslanmaz Çelik (AISI 420)
16	Çekvalf O-Ringi	Kauçuk
17	Çekvalf Sızdırmazlık Contası	Paslanmaz Çelik (AISI 304)
18	Dış Hazne	Paslanmaz Çelik (AISI 304)
19	Süzgeç	Paslanmaz Çelik (AISI 304)
20	Kablo Muhafazası	Paslanmaz Çelik (AISI 304)

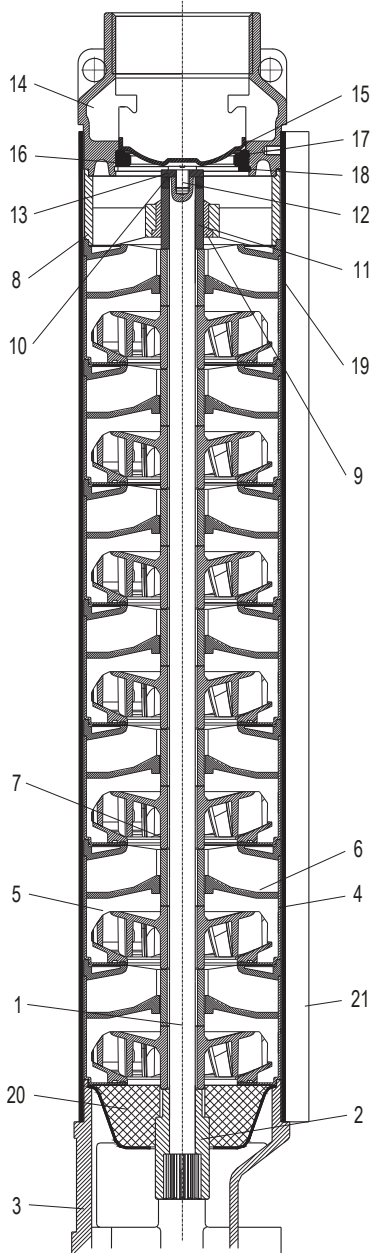
Reference Number	Description	Material
1	Shaft	Stainless Steel (AISI 304)
2	Coupling	Stainless Steel (AISI 304)
3	Motor Support	Stainless Steel (AISI 304)
4	Body	Stainless Steel (AISI 304)
5	Impeller	Polycarbonate
6	Diffuser	Noryl
7	Bearing Housing	Resin
8	Bearing Bushing	Resin
9	Upper Spacer	Polycarbonate
10	Upper Journal Sleeve	Stainless Steel (AISI 316)
11	Screw	Stainless Steel (AISI 304)
12	Washer	Stainless Steel (AISI 316)
13	Discharge	Stainless Steel (AISI 304)
14	Check Valve Disc	Stainless Steel (AISI 304)
15	Check Valve Ring	Stainless Steel (AISI 420)
16	Check Valve O-Ring	Rubber
17	Check Valve Snap Ring	Stainless Steel (AISI 304)
18	Outer Case	Stainless Steel (AISI 304)
19	Strainer	Stainless Steel (AISI 304)
20	Cable Guard	Stainless Steel (AISI 304)

UP 2F-3F-4F-6F



Pompa Kesiti ve Parça Listesi/ Pump Section and List of Main Components

UP 9F-12F-14F-17F-24F



Referans Numarası	Açıklama	Malzeme Yapısı
1	Mil	Paslanmaz Çelik (AISI 304)
2	Kaplin	Paslanmaz Çelik (AISI 304)
3	Emiş Ara Bağlantı	Paslanmaz Çelik (AISI 304)
4	Dış Gövde	Paslanmaz Çelik (AISI 304)
5	Fan	Polikarbonat
6	Difüzör	Noril
7	Ara Parça	Reçine
8	Ara Yataklama	Reçine
9	Ara Yataklama Burcu	Reçine
10	Üst Ara Parça	Polikarbonat
11	Burç	Paslanmaz Çelik (AISI 316)
12	Vida	Paslanmaz Çelik (AISI 304)
13	Pul	Paslanmaz Çelik (AISI 316)
14	Çıkış Ağızı	Paslanmaz Çelik (AISI 304)
15	Çekvalf Diski	Paslanmaz Çelik (AISI 304)
16	Çekvalf Contası	Paslanmaz Çelik (AISI 420)
17	Çekvalf O-Ringi	Kauçuk
18	Çekvalf Sızdırmazlık Contası	Paslanmaz Çelik (AISI 304)
19	Dış Hazne	Paslanmaz Çelik (AISI 304)
20	Süzgeç	Paslanmaz Çelik (AISI 304)
21	Kablo Muhafazası	Paslanmaz Çelik (AISI 304)

Reference Number	Description	Material
1	Shaft	Stainless Steel (AISI 304)
2	Coupling	Stainless Steel (AISI 304)
3	Motor Support	Stainless Steel (AISI 304)
4	Body	Stainless Steel (AISI 304)
5	Impeller	Polycarbonate
6	Diffuser	Noryl
7	Spacer	Resin
8	Bearing Housing	Resin
9	Bearing Bushing	Resin
10	Upper Spacer	Polycarbonate
11	Bushing	Stainless Steel (AISI 316)
12	Screw	Stainless Steel (AISI 304)
13	Washer	Stainless Steel (AISI 316)
14	Discharge	Stainless Steel (AISI 304)
15	Check Valve Disc	Stainless Steel (AISI 304)
16	Check Valve Ring	Stainless Steel (AISI 420)
17	Check Valve O-Ring	Rubber
18	Check Valve Snap Ring	Stainless Steel (AISI 304)
19	Outer Case	Stainless Steel (AISI 304)
20	Strainer	Stainless Steel (AISI 304)
21	Cable Guard	Stainless Steel (AISI 304)



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🏠 MTOSB Atatürk Bulv. No:4 Huzurkent Mersin
✉ info@ulusupompa.com.tr

☎ **0090 444 2 731**