



Temiz Su
Clean water



Evsel Alan
Domestic use



Kamusal Alan
Public use



Endüstriyel Alan
Industrial use



Tarımsal Alan
Agriculture use



6^{ncı} SP SERİSİ
6th SP SERIES



Uygulamalar

Şebeke suları, kuyu suları ve atık sular
Basıncı su sistemleri ve dağıtım
Sulama ve fiske 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 115 m³/h
Yükseklik: 50 Hz'de en fazla 671 m
Kullanılacak Sıvı: Kimyasal olmayan aşındırıcı özellikte olmayan sular
Su sıcaklığı aralığı: 0 °C ile 40 °C arası
İzin verilen maksimum kum miktarı: 50 gr/m³'te katı boyutu 2 mm
Maksimum pompa çapı (kablo muhafazası dahil): 149 mm
Çıkış çapı: SP 610 serisi için 2" SP 617-620 serileri için 2½" SP 630-636-646 serileri için 3" SP 660-675-694 serileri için 4"
Dönüş yönü: Tepeden bakıldığında saat yönünün tersine
Pompa dikey veya yatay pozisyonda sürekli çalışabilir

Pump Specification

Flow: up to 115 m³/h at 50 Hz
Head: up to 671 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 50 gr/m³, solid dimension max. 2 mm
Maximum pump diameter (including cable guard): 149 mm
Outlet diameter: 2" for SP 610, 2½" for SP 630-636-646, 3" for SP 630-636-646, 4" for SP 660-675-694
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
4"- 5"- 6"- 8" Pompa Emiş Ağzı

Available on request

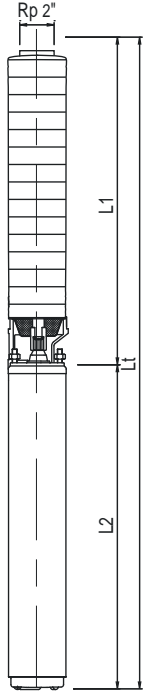
Cooling shroud
4"- 5"- 6"- 8" Pump suction part

Pompa Tanımlama Kodu/ Pump Identification Code

SP 630 / 20

Pompa Kademe Sayısı / Number of stages
Serisi / Series
Pompa modeli / Pump model

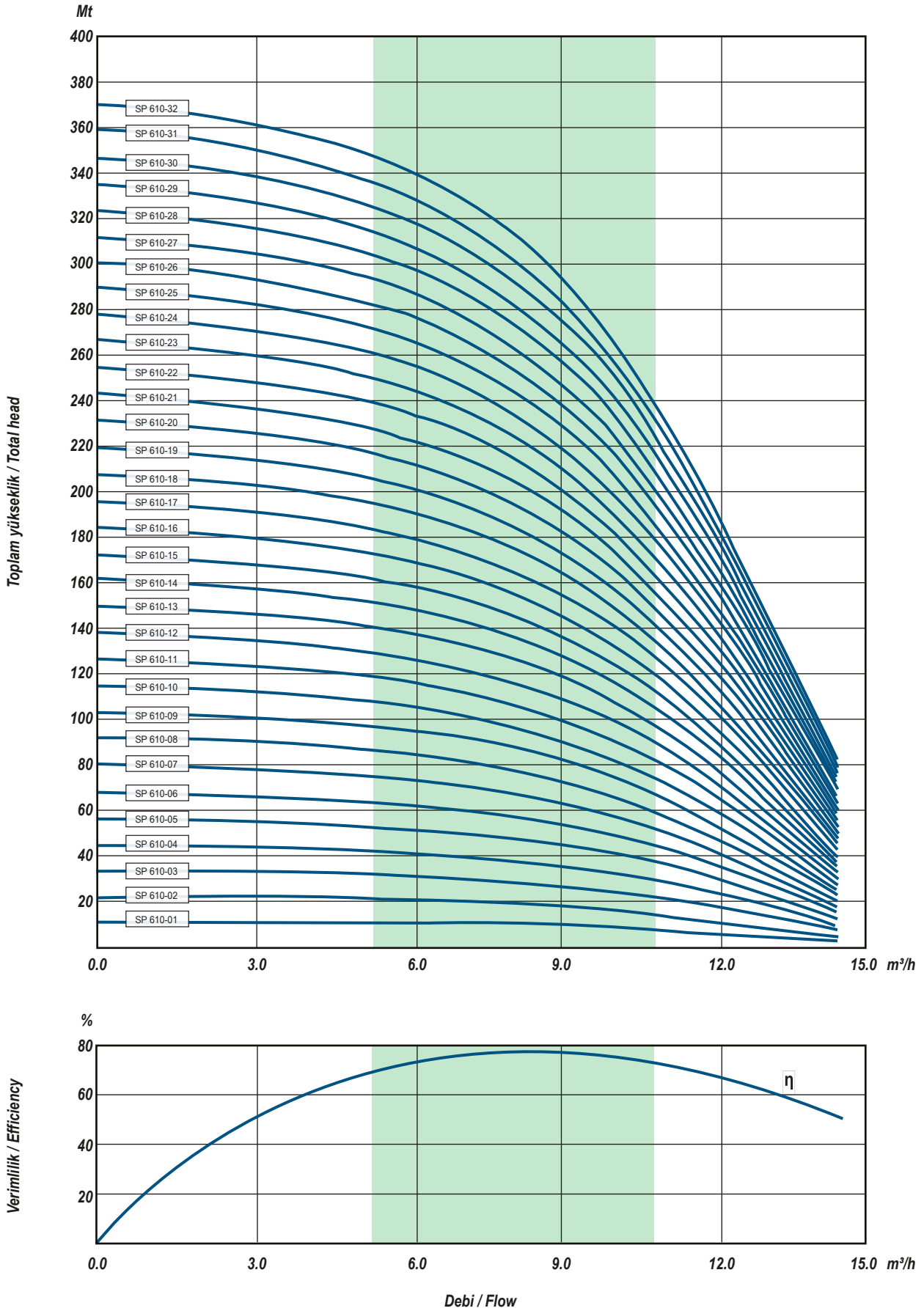
Pompa Modeli (Pump Model)	Motor		Boyutlar / Dimensions (mm)								Ağırlık / Weight (kg)									
	kW	Hp	L1	L2				Lt				Pompa Pump	Motor				Toplam/ Total			
				UP 4"	LP 4"	UP 5"	UP 6"	UP 4"	LP 4"	UP 5"	UP 6"		UP 4"	LP 4"	UP 5"	UP 6"				
SP 610-01	0,55	0,75	417	415	-	-	-	832	-	-	-	7,0	8,2	-	-	-	15,20	-	-	-
SP 610-02	0,75	1,0	472	430	415	-	-	902	887	-	-	8,0	9,2	8,2	-	-	17,20	16,20	-	-
SP 610-03	1,1	1,5	527	465	430	-	-	992	957	-	-	10,0	10,6	9,2	-	-	20,60	19,20	-	-
SP 610-04	1,5	2,0	582	473	565	-	-	1055	1147	-	-	11,0	11,4	10,6	-	-	22,40	21,60	-	-
SP 610-05	2,2	3,0	637	556	475	-	-	1193	1112	-	-	13,0	14,8	11,4	-	-	27,80	24,40	-	-
SP 610-06	2,2	3,0	692	556	475	-	-	1248	1167	-	-	14,0	14,8	11,4	-	-	28,80	25,40	-	-
SP 610-07	3,0	4,0	747	600	556	-	-	1347	1303	-	-	16,0	17,9	14,8	-	-	33,90	30,80	-	-
SP 610-08	3,0	4,0	802	600	556	-	-	1402	1358	-	-	17,0	17,9	14,8	-	-	34,90	31,80	-	-
SP 610-09	4,0	5,5	857	635	600	636	630	1492	1457	1493	1487	19,0	19,9	17,9	38,0	46,0	38,90	36,90	57,00	65,00
SP 610-10	4,0	5,5	912	635	600	636	630	1547	1512	1548	1542	20,0	19,9	17,9	38,0	46,0	39,90	37,90	58,00	66,00
SP 610-11	4,0	5,5	967	635	600	636	630	1602	1567	1603	1597	22,0	19,9	17,9	38,0	46,0	41,90	39,90	60,00	68,00
SP 610-12	5,5	7,5	1022	775	635	636	630	1797	1657	1658	1652	23,0	25,0	19,9	38,0	46,0	48,00	42,90	61,00	69,00
SP 610-13	5,5	7,5	1077	775	635	636	630	1852	1712	1713	1707	25,0	25,0	19,9	38,0	46,0	50,00	44,90	63,00	71,00
SP 610-14	5,5	7,5	1132	775	635	636	630	1907	1767	1768	1762	26,0	25,0	19,9	38,0	46,0	51,00	45,90	64,00	72,00
SP 610-15	5,5	7,5	1187	775	635	636	630	1962	1822	1823	1817	28,0	25,0	19,9	38,0	46,0	53,00	47,90	66,00	74,00
SP 610-16	7,5	10,0	1287	862	775	681	650	2149	2062	1968	1937	29,0	29,4	25,0	42,0	48,0	58,40	54,00	71,00	77,00
SP 610-17	7,5	10,0	1342	862	775	681	650	2204	2117	2023	1992	31,0	29,4	25,0	42,0	48,0	60,40	56,00	73,00	79,00
SP 610-18	7,5	10,0	1397	862	775	681	650	2259	2172	2078	2047	32,0	29,4	25,0	42,0	48,0	61,40	57,00	74,00	80,00
SP 610-19	7,5	10,0	1452	862	775	681	650	2314	2227	2133	2102	34,0	29,4	25,0	42,0	48,0	63,40	59,00	76,00	82,00
SP 610-20	7,5	10,0	1507	862	775	681	650	2369	2282	2188	2157	35,0	29,4	25,0	42,0	48,0	64,40	60,00	77,00	83,00
SP 610-21	7,5	10,0	1562	862	775	681	650	2424	2337	2243	2212	37,0	29,4	25,0	42,0	48,0	66,40	62,00	79,00	85,00
SP 610-22	7,5	10,0	1617	862	775	681	650	2479	2392	2298	2267	38,0	29,4	25,0	42,0	48,0	67,40	63,00	80,00	86,00
SP 610-23	9,3	12,5	1672	-	-	731	690	-	-	2403	2362	40,0	-	-	44,0	48,0	-	-	84,00	88,00
SP 610-24	9,3	12,5	1727	-	-	731	690	-	-	2458	2417	41,0	-	-	44,0	50,0	-	-	85,00	91,00
SP 610-25	9,3	12,5	1782	-	-	731	690	-	-	2513	2472	43,0	-	-	44,0	50,0	-	-	87,00	93,00
SP 610-26	9,3	12,5	1837	-	-	731	690	-	-	2568	2527	44,0	-	-	44,0	50,0	-	-	88,00	94,00
SP 610-27	9,3	12,5	1892	-	-	731	690	-	-	2623	2582	46,0	-	-	44,0	50,0	-	-	90,00	96,00
SP 610-28	11,0	15,0	1947	-	-	776	730	-	-	2723	2677	47,0	-	-	48,0	56,0	-	-	95,00	103,00
SP 610-29	11,0	15,0	2002	-	-	776	730	-	-	2778	2732	49,0	-	-	48,0	56,0	-	-	97,00	105,00
SP 610-30	11,0	15,0	2057	-	-	776	730	-	-	2833	2787	50,0	-	-	48,0	56,0	-	-	98,00	106,00
SP 610-31	11,0	15,0	2157	-	-	776	730	-	-	2933	2887	52,0	-	-	48,0	56,0	-	-	100,00	108,00
SP 610-32	11,0	15,0	2212	-	-	776	730	-	-	2988	2942	53,0	-	-	48,0	56,0	-	-	101,00	109,00
SP 610-33	13,0	17,5	2267	-	-	826	780	-	-	3093	3047	55,0	-	-	54,0	60,0	-	-	109,00	115,00
SP 610-34	13,0	17,5	2322	-	-	826	780	-	-	3148	3102	56,0	-	-	54,0	60,0	-	-	110,00	116,00
SP 610-35	13,0	17,5	2377	-	-	826	780	-	-	3203	3157	58,0	-	-	54,0	60,0	-	-	112,00	118,00
SP 610-36	13,0	17,5	2432	-	-	826	780	-	-	3258	3212	59,0	-	-	54,0	60,0	-	-	113,00	119,00
SP 610-37	13,0	17,5	2487	-	-	826	780	-	-	3313	3267	61,0	-	-	54,0	60,0	-	-	115,00	121,00
SP 610-38	13,0	17,5	2542	-	-	826	780	-	-	3368	3322	62,0	-	-	54,0	60,0	-	-	116,00	122,00
SP 610-39	15,0	20,0	2597	-	-	876	830	-	-	3473	3427	63,0	-	-	58,0	66,0	-	-	121,00	129,00
SP 610-40	15,0	20,0	2640	-	-	876	830	-	-	3516	3470	65,0	-	-	58,0	66,0	-	-	123,00	131,00
SP 610-41	15,0	20,0	2684	-	-	876	830	-	-	3560	3514	66,0	-	-	58,0	66,0	-	-	124,00	132,00
SP 610-42	15,0	20,0	2728	-	-	876	830	-	-	3604	3558	68,0	-	-	58,0	66,0	-	-	126,00	134,00
SP 610-43	15,0	20,0	2772	-	-	876	830	-	-	3648	3602	70,0	-	-	58,0	66,0	-	-	128,00	136,00
SP 610-44	15,0	20,0	2838	-	-	876	830	-	-	3714	3668	72,0	-	-	58,0	66,0	-	-	130,00	138,00
SP 610-45	18,5	25,0	2904	-	-	876	880	-	-	3780	3784	73,0	-	-	58,0	72,0	-	-	131,00	145,00
SP 610-46	18,5	25,0	2970	-	-	876	880	-	-	3846	3850	75,0	-	-	58,0	72,0	-	-	133,00	147,00
SP 610-48	18,5	25,0	3014	-	-	876	880	-	-	3890	3894	80,0	-	-	58,0	72,0	-	-	138,00	152,00
SP 610-52	18,5	25,0	3146	-	-	876	880	-	-	4022	4026	85,0	-	-	58,0	72,0	-	-	143,00	157,00



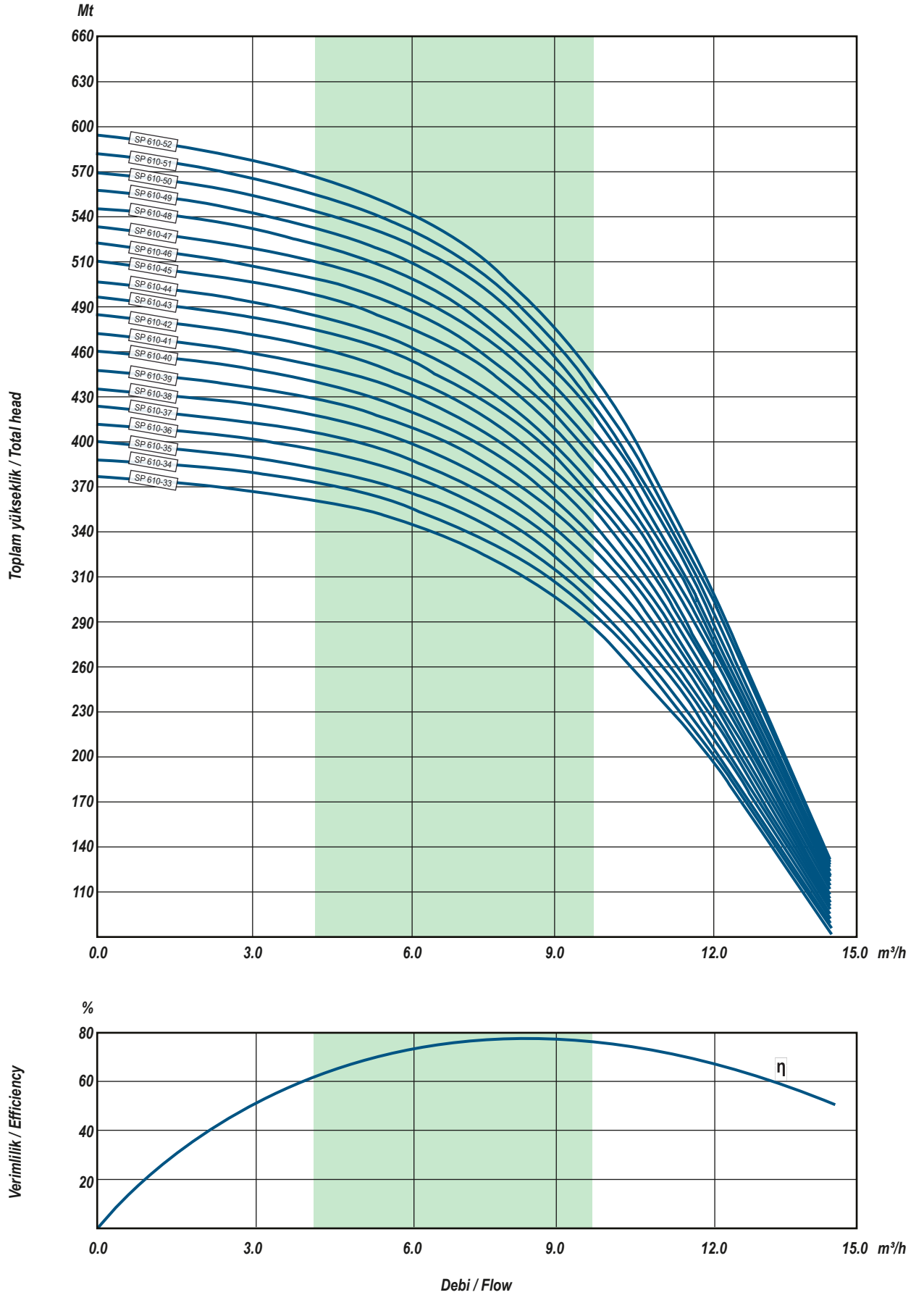
Hidrolik Performans Tablosu 50 Hz/ Table of Hydraulic Performance at 50 Hz

Pompa Modeli (Pump Model)	Çıkış Gücü (Output Power)		Q= Debi / Flow									
	kW	Hp	(m ³ /h)	0,00	3,00	6,00	9,00	12,00				
			(l/sec)	0,00	0,80	1,60	2,50	3,30				
SP 610-01	0,55	0,75	MSS / MPH	11	9	10	9	5				
SP 610-02	0,75	1,0		22	21	20	18	12				
SP 610-03	1,1	1,5		35	32	31	28	19				
SP 610-04	1,5	2,0		47	45	40	38	25				
SP 610-05	2,2	3,0		58	55	51	47	30				
SP 610-06	2,2	3,0		69	66	62	55	38				
SP 610-07	3,0	4,0		80	78	72	62	42				
SP 610-08	3,0	4,0		92	90	85	72	50				
SP 610-09	4,0	5,5		105	101	97	82	55				
SP 610-10	4,0	5,5		116	111	107	90	60				
SP 610-11	4,0	5,5		128	120	117	100	68				
SP 610-12	5,5	7,5		137	133	126	110	71				
SP 610-13	5,5	7,5		150	145	138	119	80				
SP 610-14	5,5	7,5		161	157	147	128	85				
SP 610-15	5,5	7,5		172	167	159	137	90				
SP 610-16	7,5	10,0		182	180	170	145	97				
SP 610-17	7,5	10,0		195	191	180	155	102				
SP 610-18	7,5	10,0		208	202	190	165	110				
SP 610-19	7,5	10,0		219	212	201	172	115				
SP 610-20	7,5	10,0		230	225	212	181	120				
SP 610-21	7,5	10,0		241	236	221	190	130				
SP 610-22	7,5	10,0		252	248	232	200	133				
SP 610-23	9,3	12,5		262	260	245	230	140				
SP 610-24	9,3	12,5		274	270	255	235	145				
SP 610-25	9,3	12,5		289	280	265	235	150				
SP 610-26	9,3	12,5		298	291	277	238	158				
SP 610-27	9,3	12,5		310	303	288	247	160				
SP 610-28	11,0	15,0		321	313	297	258	170				
SP 610-29	11,0	15,0		332	325	308	265	175				
SP 610-30	11,0	15,0		344	336	317	275	180				
SP 610-31	11,0	15,0		357	348	328	280	185				
SP 610-32	11,0	15,0		368	360	340	290	190				
SP 610-33	13,0	17,5		380	371	350	300	200				
SP 610-34	13,0	17,5		390	382	361	310	207				
SP 610-35	13,0	17,5		401	391	371	320	211				
SP 610-36	13,0	17,5		412	402	381	330	214				
SP 610-37	13,0	17,5		424	413	390	338	220				
SP 610-38	13,0	17,5		435	425	402	348	225				
SP 610-39	15,0	20,0		447	438	412	357	239				
SP 610-40	15,0	20,0		459	447	421	365	241				
SP 610-41	15,0	20,0		470	458	432	375	250				
SP 610-42	15,0	20,0		481	470	442	382	255				
SP 610-43	15,0	20,0		492	480	453	390	260				
SP 610-44	15,0	20,0		502	490	462	400	263				
SP 610-45	18,5	25,0		517	501	475	410	270				
SP 610-46	18,5	25,0		529	512	482	421	275				
SP 610-48	18,5	25,0		550	539	509	435	290				
SP 610-52	18,5	25,0		597	581	550	470	320				

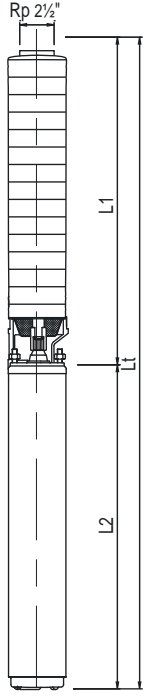
MEI ≥ 0,40



Performans Eğrileri 50 Hz/ Performance Curves at 50 Hz

MEI $\geq 0,40$ 

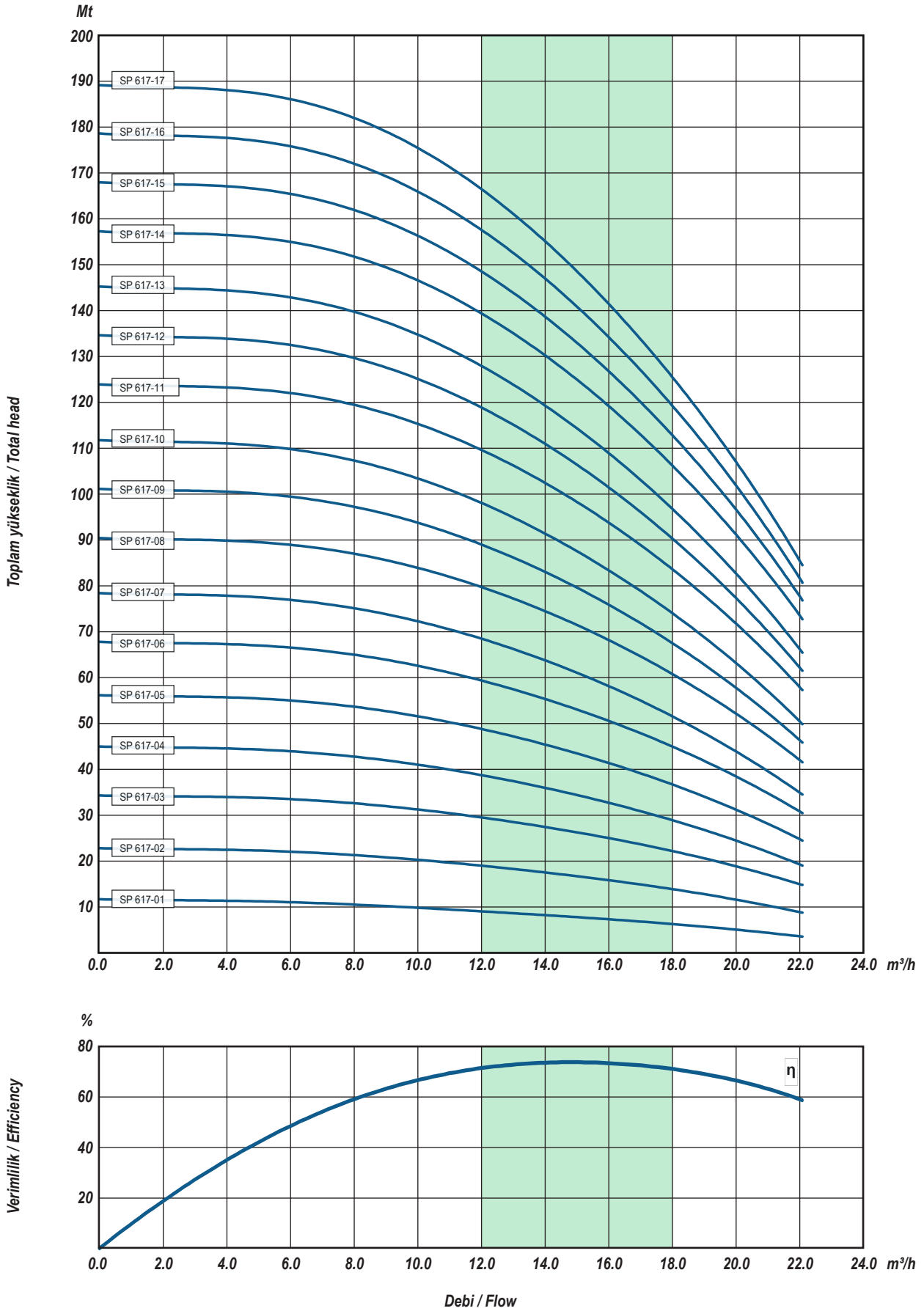
Pompa Modeli (Pump Model)	Motor		Boyutlar / Dimensions (mm)								Ağırlık / Weight (kg)									
	kW	Hp	L1	L2				Lt				Pompa Pump	Motor				Toplam/ Total			
				UP 4"	LP 4"	UP 5"	UP 6"	UP 4"	LP 4"	UP 5"	UP 6"		UP 4"	LP 4"	UP 5"	UP 6"				
SP 617-01	0,55	0,75	330	415	-	-	-	745	-	-	-	6,0	8,2	-	-	-	14,20	-	-	-
SP 617-02	1,1	1,5	391	465	430	-	-	856	821	-	-	8,0	10,6	9,2	-	-	18,60	17,20	-	-
SP 617-03	2,2	3,0	451	556	475	-	-	1007	926	-	-	9,0	14,8	11,4	-	-	23,80	20,40	-	-
SP 617-04	2,2	3,0	512	556	475	-	-	1068	987	-	-	10,0	14,8	11,4	-	-	24,80	21,40	-	-
SP 617-05	3,0	4,0	572	600	556	-	-	1172	1128	-	-	11,0	17,9	14,8	-	-	28,90	25,80	-	-
SP 617-06	4,0	5,5	633	635	600	636	630	1268	1233	1269	1263	12,0	19,9	17,9	38,0	46,0	31,90	29,90	50,00	58,00
SP 617-07	4,0	5,5	693	635	600	636	630	1328	1293	1329	1323	15,0	19,9	17,9	38,0	46,0	34,90	32,90	53,00	61,00
SP 617-08	5,5	7,5	754	775	635	636	630	1529	1389	1390	1384	16,0	25,0	19,9	38,0	46,0	41,00	35,90	54,00	62,00
SP 617-09	5,5	7,5	814	775	635	636	630	1589	1449	1450	1444	17,0	25,0	19,9	38,0	46,0	42,00	36,90	55,00	63,00
SP 617-10	5,5	7,5	875	775	635	636	630	1650	1510	1511	1505	19,0	25,0	19,9	38,0	46,0	44,00	38,90	57,00	65,00
SP 617-11	7,5	10,0	935	862	775	681	650	1797	1710	1616	1585	20,0	29,4	25,0	42,0	48,0	49,40	45,00	62,00	68,00
SP 617-12	7,5	10,0	996	862	775	681	650	1858	1771	1677	1646	21,0	29,4	25,0	42,0	48,0	50,40	46,00	63,00	69,00
SP 617-13	7,5	10,0	1056	862	775	681	650	1918	1831	1737	1706	22,0	29,4	25,0	42,0	48,0	51,40	47,00	64,00	70,00
SP 617-14	9,2	12,5	1117	-	-	731	690	-	-	1848	1807	23,0	-	-	44,0	50,0	-	-	67,00	73,00
SP 617-15	9,2	12,5	1177	-	-	731	690	-	-	1908	1867	25,0	-	-	44,0	50,0	-	-	69,00	75,00
SP 617-16	9,2	12,5	1238	-	-	731	690	-	-	1969	1928	26,0	-	-	44,0	50,0	-	-	70,00	76,00
SP 617-17	9,2	12,5	1298	-	-	731	690	-	-	2029	1988	27,0	-	-	44,0	50,0	-	-	71,00	77,00
SP 617-18	11,0	15,0	1359	-	-	776	730	-	-	2135	2089	28,0	-	-	48,0	56,0	-	-	76,00	84,00
SP 617-19	11,0	15,0	1419	-	-	776	730	-	-	2195	2149	29,0	-	-	48,0	56,0	-	-	77,00	85,00
SP 617-20	11,0	15,0	1480	-	-	776	730	-	-	2256	2210	30,0	-	-	48,0	56,0	-	-	78,00	86,00
SP 617-21	13,0	17,5	1540	-	-	826	780	-	-	2366	2320	32,0	-	-	54,0	60,0	-	-	86,00	92,00
SP 617-22	13,0	17,5	1617	-	-	826	780	-	-	2443	2397	34,0	-	-	54,0	60,0	-	-	88,00	94,00
SP 617-23	13,0	17,5	1677	-	-	826	780	-	-	2503	2457	35,0	-	-	54,0	60,0	-	-	89,00	95,00
SP 617-24	13,0	17,5	1738	-	-	826	780	-	-	2564	2518	36,0	-	-	54,0	60,0	-	-	90,00	96,00
SP 617-25	15,0	20,0	1798	-	-	876	830	-	-	2674	2628	37,0	-	-	58,0	66,0	-	-	95,00	103,00
SP 617-26	15,0	20,0	1859	-	-	876	830	-	-	2735	2689	39,0	-	-	58,0	66,0	-	-	97,00	105,00
SP 617-27	15,0	20,0	1919	-	-	876	830	-	-	2795	2749	40,0	-	-	58,0	66,0	-	-	98,00	106,00
SP 617-28	18,5	25,0	1980	-	-	876	880	-	-	2856	2860	41,0	-	-	58,0	72,0	-	-	99,00	113,00
SP 617-29	18,5	25,0	2040	-	-	876	880	-	-	2916	2920	42,0	-	-	58,0	72,0	-	-	100,00	114,00
SP 617-30	18,5	25,0	2101	-	-	876	880	-	-	2977	2981	43,0	-	-	58,0	72,0	-	-	101,00	115,00
SP 617-31	18,5	25,0	2161	-	-	876	880	-	-	3037	3041	45,0	-	-	58,0	72,0	-	-	103,00	117,00
SP 617-32	18,5	25,0	2222	-	-	876	880	-	-	3098	3102	46,0	-	-	58,0	72,0	-	-	104,00	118,00
SP 617-33	18,5	25,0	2282	-	-	876	880	-	-	3158	3162	47,0	-	-	58,0	72,0	-	-	105,00	119,00
SP 617-34	22,0	30,0	2343	-	-	876	980	-	-	3219	3323	48,0	-	-	58,0	82,0	-	-	106,00	130,00
SP 617-35	22,0	30,0	2403	-	-	876	980	-	-	3279	3383	49,0	-	-	58,0	82,0	-	-	107,00	131,00
SP 617-36	22,0	30,0	2464	-	-	876	980	-	-	3340	3444	51,0	-	-	58,0	82,0	-	-	109,00	133,00
SP 617-37	22,0	30,0	2524	-	-	876	980	-	-	3400	3504	52,0	-	-	58,0	82,0	-	-	110,00	134,00
SP 617-38	22,0	30,0	2585	-	-	876	980	-	-	3461	3565	53,0	-	-	58,0	82,0	-	-	111,00	135,00
SP 617-39	22,0	30,0	2645	-	-	876	980	-	-	3521	3625	54,0	-	-	58,0	82,0	-	-	112,00	136,00
SP 617-40	22,0	30,0	2636	-	-	876	980	-	-	3512	3616	56,0	-	-	58,0	82,0	-	-	114,00	138,00
SP 617-43	26,0	35,0	2809	-	-	-	1030	-	-	-	3839	61,0	-	-	-	88,0	-	-	-	149,00
SP 617-45	26,0	35,0	2930	-	-	-	1030	-	-	-	3960	63,0	-	-	-	88,0	-	-	-	151,00
SP 617-48	26,0	35,0	3111	-	-	-	1030	-	-	-	4141	68,0	-	-	-	88,0	-	-	-	156,00
SP 617-51	30,0	40,0	3327	-	-	-	1110	-	-	-	4437	72,0	-	-	-	98,0	-	-	-	170,00
SP 617-53	30,0	40,0	3448	-	-	-	1110	-	-	-	4558	75,0	-	-	-	98,0	-	-	-	173,00
SP 617-55	30,0	40,0	3544	-	-	-	1110	-	-	-	4654	77,0	-	-	-	98,0	-	-	-	175,00
SP 617-58	37,0	50,0	3726	-	-	-	1190	-	-	-	4916	82,0	-	-	-	106,0	-	-	-	188,00
SP 617-60	37,0	50,0	2846	-	-	-	1190	-	-	-	4036	84,0	-	-	-	106,0	-	-	-	190,00



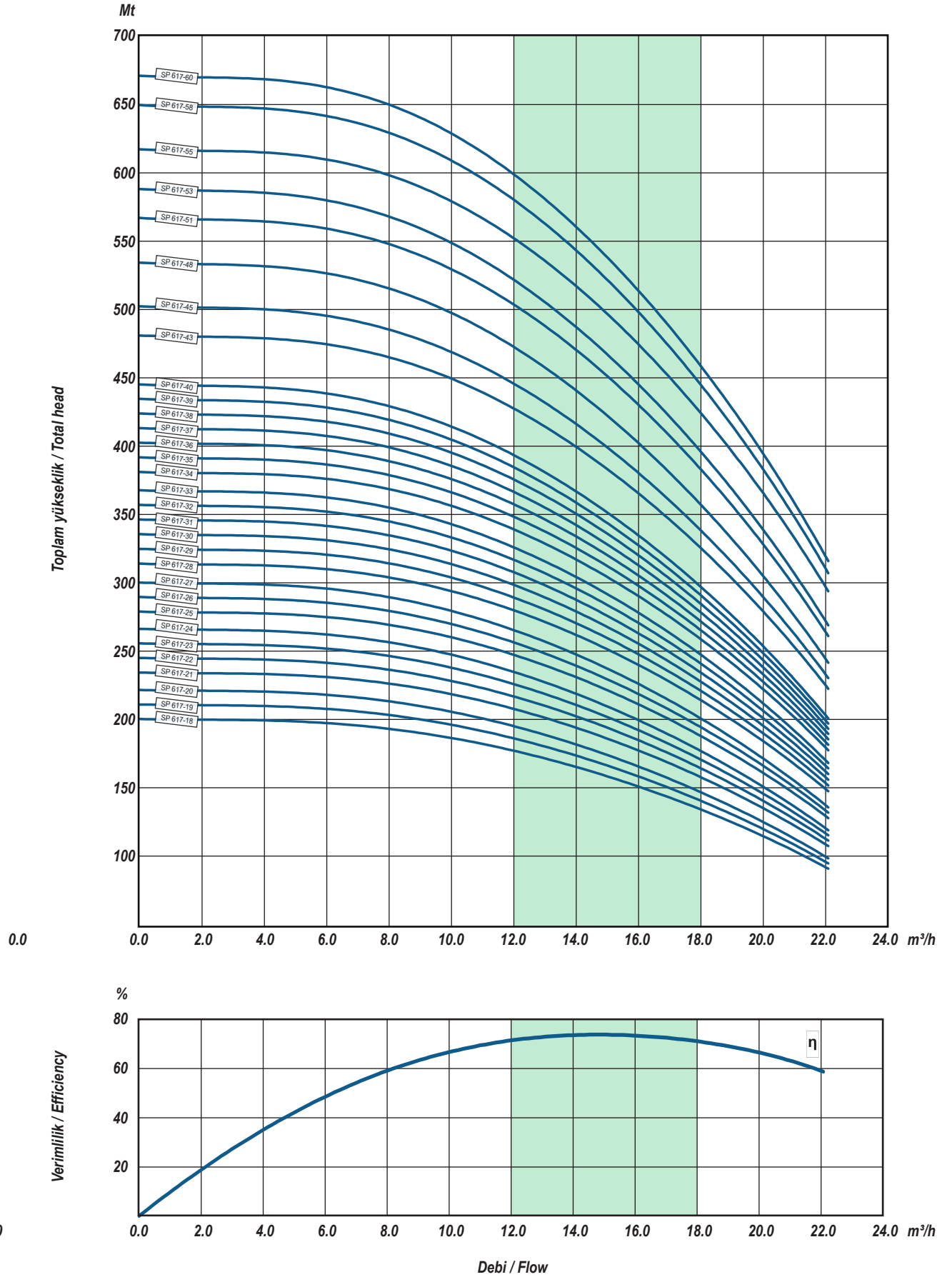
Hidrolik Performans Tablosu 50 Hz/ Table of Hydraulic Performance at 50 Hz

Pompa Modeli (Pump Model)	Çıkış Gücü (Output Power)		Q= Debi / Flow													
	kW	Hp	(m³/h)	0,00	4,00	8,00	12,00	14,00	16,00	20,00						
			(l/sec)	0,00	1,10	2,20	3,30	3,90	4,40	5,60						
SP 617-01	0,55	0,75	MSS / MPH	12	11	10	9	8	7	5						
SP 617-02	1,1	1,5		23	22	21	19	17	15	11						
SP 617-03	2,2	3,0		34	33	32	29	27	25	19						
SP 617-04	2,2	3,0		45	44	43	38	36	33	25						
SP 617-05	3,0	4,0		56	55	54	49	45	41	31						
SP 617-06	4,0	5,5		68	67	65	59	55	51	38						
SP 617-07	4,0	5,5		78	77	75	60	64	58	44						
SP 617-08	5,5	7,5		90	89	87	80	75	68	52						
SP 617-09	5,5	7,5		101	100	97	88	83	76	58						
SP 617-10	5,5	7,5		112	111	107	98	91	85	63						
SP 617-11	7,5	10,0		124	123	119	109	102	93	72						
SP 617-12	7,5	10,0		135	134	129	119	111	101	77						
SP 617-13	7,5	10,0		145	144	140	128	119	109	83						
SP 617-14	9,2	12,5		157	156	152	139	130	119	91						
SP 617-15	9,2	12,5		168	167	162	148	139	127	97						
SP 617-16	9,2	12,5		179	178	172	158	147	134	102						
SP 617-17	9,2	12,5		189	188	182	166	155	141	107						
SP 617-18	11,0	15,0		201	200	194	178	167	151	117						
SP 617-19	11,0	15,0		212	210	204	188	175	160	121						
SP 617-20	11,0	15,0		222	221	215	196	182	168	126						
SP 617-21	13,0	17,5		235	234	228	209	195	178	138						
SP 617-22	13,0	17,5		246	245	238	218	204	186	142						
SP 617-23	13,0	17,5		257	255	248	227	212	194	148						
SP 617-24	13,0	17,5		268	265	258	236	220	200	152						
SP 617-25	15,0	20,0		280	269	270	249	232	212	162						
SP 617-26	15,0	20,0		290	279	280	257	240	220	168						
SP 617-27	15,0	20,0		301	300	290	266	249	228	172						
SP 617-28	18,5	25,0		315	312	304	281	262	241	185						
SP 617-29	18,5	25,0		328	324	315	290	271	250	190						
SP 617-30	18,5	25,0		337	335	325	300	280	258	198						
SP 617-31	18,5	25,0		348	346	336	309	288	265	202						
SP 617-32	18,5	25,0		359	356	347	318	297	271	209						
SP 617-33	18,5	25,0		369	368	356	328	305	279	212						
SP 617-34	22,0	30,0		381	380	370	340	318	291	222						
SP 617-35	22,0	30,0		392	390	380	350	327	299	228						
SP 617-36	22,0	30,0		403	401	390	359	353	305	234						
SP 617-37	22,0	30,0		414	412	400	368	343	315	239						
SP 617-38	22,0	30,0		425	423	410	377	351	322	245						
SP 617-39	22,0	30,0		435	432	420	386	360	330	250						
SP 617-40	22,0	30,0		446	444	430	395	368	338	255						
SP 617-43	26,0	35,0		482	480	465	429	400	368	280						
SP 617-45	26,0	35,0		502	500	485	448	418	380	290						
SP 617-48	26,0	35,0		535	532	510	472	441	403	305						
SP 617-51	30,0	40,0		568	565	548	505	470	430	330						
SP 617-53	30,0	40,0		589	586	568	522	489	448	340						
SP 617-55	30,0	40,0		612	615	599	552	518	475	368						
SP 617-58	37,0	50,0		650	647	630	580	545	498	385						
SP 617-60	37,0	50,0		671	669	650	600	560	515	395						

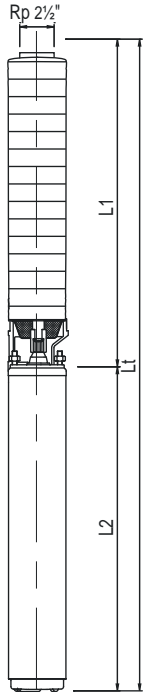
MEI ≥ 0,40



Performans Eğrileri 50 Hz/ Performance Curves at 50 Hz

MEI $\geq 0,40$ 

Pompa Modeli (Pump Model)	Motor		Boyutlar / Dimensions (mm)										Ağırlık / Weight (kg)											
	kW	Hp	L1	L2					Lt					Pompa Pump	Motor					Toplam/ Total				
				UP 4"	LP 4"	UP 5"	UP 6"	UP 8"	UP 4"	LP 4"	UP 5"	UP 6"	UP 8"		UP 4"	LP 4"	UP 5"	UP 6"	UP 8"	UP 4"	LP 4"	UP 5"	UP 6"	UP 8"
SP 620-01	1,1	1,5	340	465	430	-	-	-	805	770	-	-	-	6,00	10,60	9,20	-	-	-	16,60	15,20	-	-	-
SP 620-02	1,5	2,0	430	473	465	-	-	-	903	895	-	-	-	8,00	11,40	10,60	-	-	-	19,40	18,60	-	-	-
SP 620-03	2,2	3,0	530	556	475	-	-	-	1086	1005	-	-	-	10,00	14,80	11,40	-	-	-	24,80	21,40	-	-	-
SP 620-04	3,0	4,0	620	600	556	-	-	-	1220	1176	-	-	-	13,00	17,90	14,80	-	-	-	30,90	27,80	-	-	-
SP 620-05	4,0	5,5	720	635	600	636	630	-	1355	1320	1356	1350	-	15,00	19,90	17,90	38,00	46,00	-	34,90	32,90	53,00	61,00	-
SP 620-06	4,0	5,5	820	635	600	636	630	-	1455	1420	1456	1450	-	17,00	19,90	17,90	38,00	46,00	-	36,90	34,90	55,00	63,00	-
SP 620-07	5,5	7,5	910	775	635	636	630	-	1685	1545	1546	1540	-	20,00	25,00	19,90	38,00	46,00	-	45,00	39,90	58,00	66,00	-
SP 620-08	5,5	7,5	1010	775	635	636	630	-	1785	1645	1646	1640	-	22,00	25,00	19,90	38,00	46,00	-	47,00	41,90	60,00	68,00	-
SP 620-09	7,5	10,0	1100	862	775	681	650	-	1962	1875	1781	1750	-	24,00	29,40	25,00	42,00	48,00	-	53,40	49,00	66,00	72,00	-
SP 620-10	7,5	10,0	1200	862	775	681	650	-	2062	1975	1881	1850	-	27,00	29,40	25,00	42,00	48,00	-	56,40	52,00	69,00	75,00	-
SP 620-11	7,5	10,0	1300	862	775	681	650	-	2162	2075	1981	1950	-	29,00	29,40	25,00	42,00	48,00	-	58,40	54,00	71,00	77,00	-
SP 620-12	9,2	12,5	1390	-	-	731	690	-	-	-	2121	2080	-	31,00	-	-	44,00	50,00	-	-	-	75,00	81,00	-
SP 620-13	9,2	12,5	1490	-	-	731	690	-	-	-	2221	2180	-	33,00	-	-	44,00	50,00	-	-	-	77,00	83,00	-
SP 620-14	9,2	12,5	1580	-	-	731	690	-	-	-	2311	2270	-	36,00	-	-	44,00	50,00	-	-	-	80,00	86,00	-
SP 620-15	11,0	15,0	1680	-	-	776	730	-	-	-	2456	2410	-	38,00	-	-	48,00	56,00	-	-	-	86,00	94,00	-
SP 620-16	11,0	15,0	1780	-	-	776	730	-	-	-	2556	2510	-	40,00	-	-	48,00	56,00	-	-	-	88,00	96,00	-
SP 620-17	11,0	15,0	1870	-	-	776	730	-	-	-	2646	2600	-	43,00	-	-	48,00	56,00	-	-	-	91,00	99,00	-
SP 620-18	13,0	17,5	1970	-	-	826	780	-	-	-	2796	2750	-	45,00	-	-	54,00	60,00	-	-	-	99,00	105,00	-
SP 620-19	13,0	17,5	2060	-	-	826	780	-	-	-	2886	2840	-	47,00	-	-	54,00	60,00	-	-	-	101,00	107,00	-
SP 620-20	13,0	17,5	2160	-	-	826	780	-	-	-	2986	2940	-	50,00	-	-	54,00	60,00	-	-	-	104,00	110,00	-
SP 620-21	15,0	20,0	2260	-	-	876	830	-	-	-	3136	3090	-	52,00	-	-	58,00	66,00	-	-	-	110,00	118,00	-
SP 620-22	15,0	20,0	2350	-	-	876	830	-	-	-	3226	3180	-	54,00	-	-	58,00	66,00	-	-	-	112,00	120,00	-
SP 620-23	15,0	20,0	2450	-	-	876	830	-	-	-	3326	3280	-	56,00	-	-	58,00	66,00	-	-	-	114,00	122,00	-
SP 620-24	18,5	25,0	2540	-	-	876	880	-	-	-	3416	3420	-	59,00	-	-	58,00	72,00	-	-	-	117,00	131,00	-
SP 620-25	18,5	25,0	2970	-	-	876	880	-	-	-	3846	3850	-	61,00	-	-	58,00	72,00	-	-	-	119,00	133,00	-
SP 620-26	22,0	30,0	3060	-	-	876	980	930	-	-	3936	4040	3990	71,00	-	-	58,00	82,00	121,00	-	-	129,00	153,00	192,00
SP 620-27	22,0	30,0	3160	-	-	876	980	930	-	-	4036	4140	4090	74,00	-	-	58,00	82,00	121,00	-	-	132,00	156,00	195,00
SP 620-28	22,0	30,0	3250	-	-	876	980	930	-	-	4126	4230	4180	76,00	-	-	58,00	82,00	121,00	-	-	134,00	158,00	197,00
SP 620-29	22,0	30,0	3350	-	-	876	980	930	-	-	4226	4330	4280	78,00	-	-	58,00	82,00	121,00	-	-	136,00	160,00	199,00
SP 620-30	26,0	35,0	3450	-	-	-	1030	-	-	-	-	-	-	81,00	-	-	-	88,00	-	-	-	-	169,00	-
SP 620-31	26,0	35,0	3540	-	-	-	1030	-	-	-	-	-	-	83,00	-	-	-	88,00	-	-	-	-	171,00	-
SP 620-32	26,0	35,0	3640	-	-	-	1030	-	-	-	-	-	-	85,00	-	-	-	88,00	-	-	-	-	173,00	-
SP 620-33	26,0	35,0	3730	-	-	-	1030	-	-	-	-	-	-	88,00	-	-	-	88,00	-	-	-	-	176,00	-
SP 620-34	30,0	40,0	3830	-	-	-	1110	1020	-	-	-	-	-	90,00	-	-	-	98,00	137,00	-	-	-	188,00	227,00
SP 620-35	30,0	40,0	3930	-	-	-	1110	1020	-	-	-	-	-	92,00	-	-	-	98,00	137,00	-	-	-	190,00	229,00
SP 620-36	30,0	40,0	4020	-	-	-	1110	1020	-	-	-	-	-	94,00	-	-	-	98,00	137,00	-	-	-	192,00	231,00
SP 620-37	30,0	40,0	4120	-	-	-	1110	1020	-	-	-	-	-	97,00	-	-	-	98,00	137,00	-	-	-	195,00	234,00
SP 620-38	30,0	40,0	4210	-	-	-	1110	1020	-	-	-	-	-	99,00	-	-	-	98,00	137,00	-	-	-	197,00	236,00
SP 620-39	37,0	50,0	4310	-	-	-	1190	1050	-	-	-	-	-	101,00	-	-	-	106,00	143,00	-	-	-	207,00	244,00
SP 620-40	37,0	50,0	4410	-	-	-	1190	1050	-	-	-	-	-	104,00	-	-	-	106,00	143,00	-	-	-	210,00	247,00
SP 620-41	37,0	50,0	4500	-	-	-	1190	1050	-	-	-	-	-	106,00	-	-	-	106,00	143,00	-	-	-	212,00	249,00
SP 620-42	37,0	50,0	4600	-	-	-	1190	1050	-	-	-	-	-	108,00	-	-	-	106,00	143,00	-	-	-	214,00	251,00
SP 620-43	37,0	50,0	4690	-	-	-	1190	1050	-	-	-	-	-	111,00	-	-	-	106,00	143,00	-	-	-	217,00	254,00
SP 620-44	37,0	50,0	4790	-	-	-	1190	1050	-	-	-	-	-	113,00	-	-	-	106,00	143,00	-	-	-	219,00	256,00
SP 620-45	37,0	50,0	4890	-	-	-	1190	1050	-	-	-	-	-	115,00	-	-	-	106,00	143,00	-	-	-	221,00	258,00
SP 620-46	37,0	50,0	4980	-	-	-	1190	1050	-	-	-	-	-	117,00	-	-	-	106,00	143,00	-	-	-	223,00	260,00
SP 620-47	37,0	50,0	5080	-	-	-	1190	1050	-	-	-	-	-	120,00	-	-	-	106,00	143,00	-	-	-	226,00	263,00
SP 620-48	45,0	60,0	5170	-	-	-	1270	1130	-	-	-	-	-	122,00	-	-	-	116,00	158,00	-	-	-	238,00	280,00
SP 620-49	45,0	60,0	5270	-	-	-	1270	1130	-	-	-	-	-	124,00	-	-	-	116,00	158,00	-	-	-	240,00	282,00
SP 620-50	45,0	60,0	5370	-	-	-	1270	1130	-	-	-	-	-	127,00	-	-	-	116,00	158,00	-	-	-	243,00	285,00

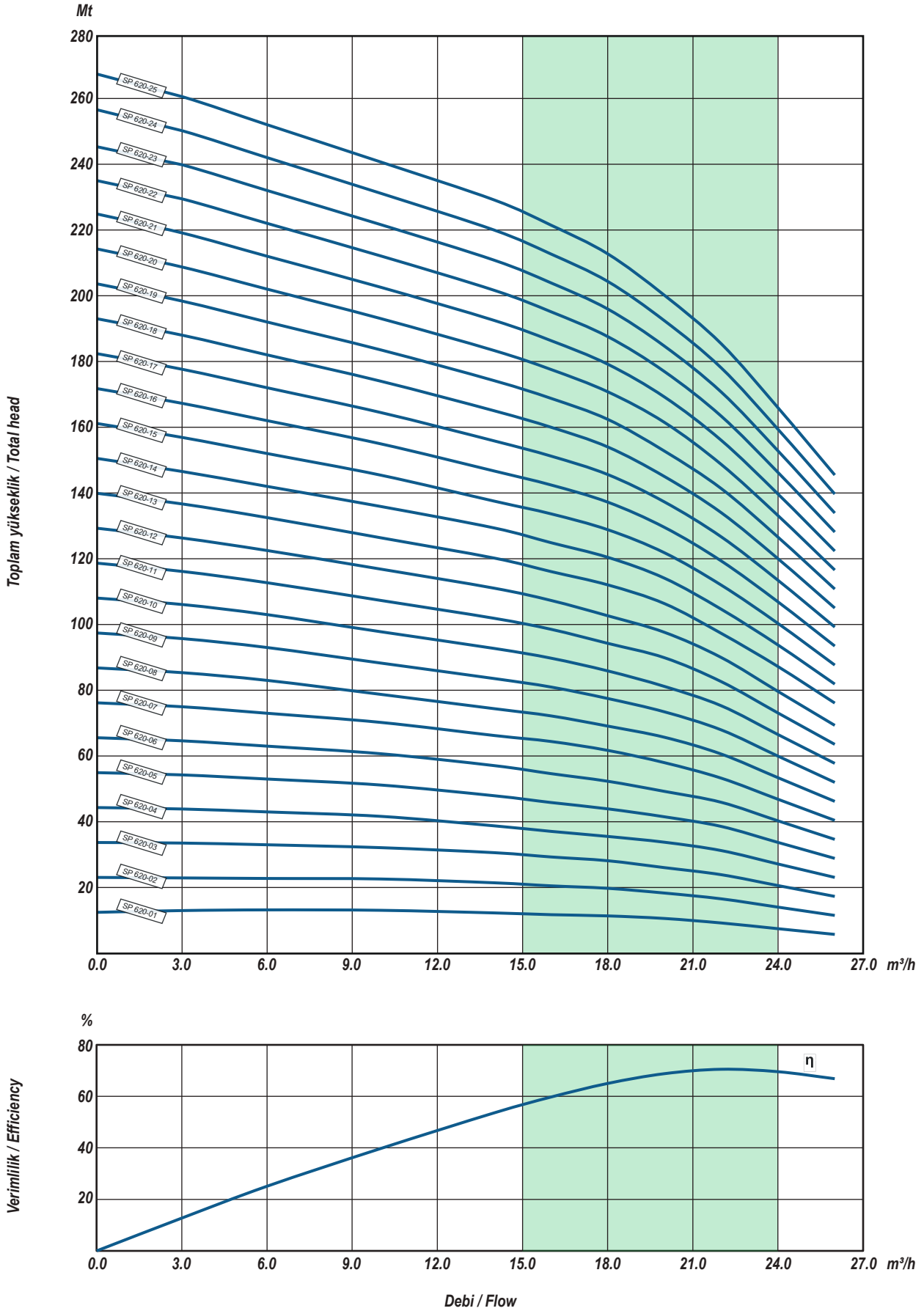


Hidrolik Performans Tablosu 50 Hz/ Table of Hydraulic Performance at 50 Hz

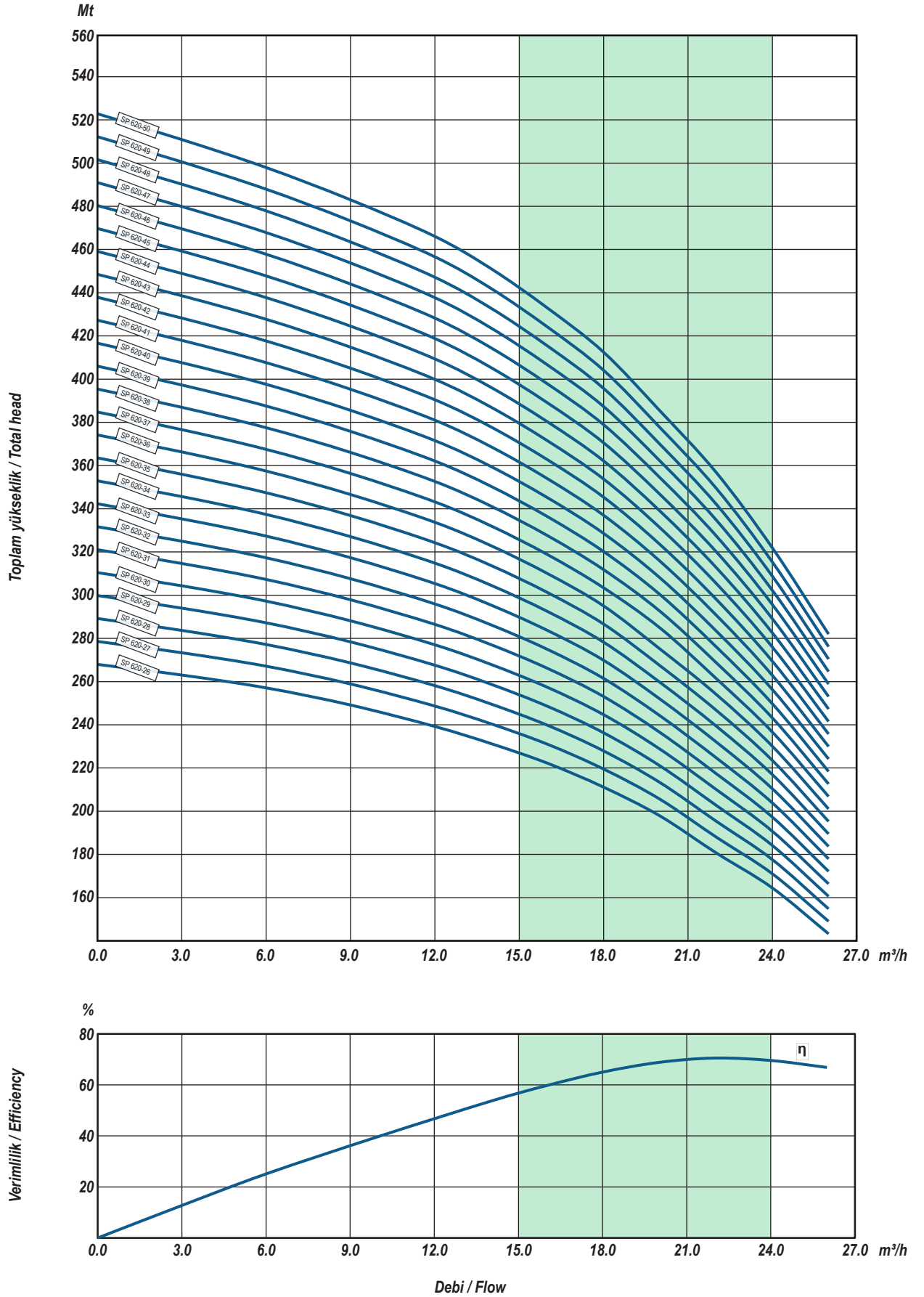
Pompa Modeli (Pump Model)	Çıkış Gücü (Output Power)		Q= Debi / Flow														
	kW	Hp	(m³/h)	0	14,00	16,00	18,00	22,00	24,00	24,00							
			(l/sec)	0,0	3,89	4,44	5,00	6,11	6,67	6,67							
SP 620-01	1,1	1,5	MSS / MPH	11	10	10	9	8	8	8							
SP 620-02	1,5	2,0		22	21	21	20	18	16	16							
SP 620-03	2,2	3,0		33	32	32	31	28	23	23							
SP 620-04	3,0	4,0		44	43	42	41	37	31	31							
SP 620-05	4,0	5,5		55	54	53	52	47	39	39							
SP 620-06	4,0	5,5		66	65	64	63	56	47	47							
SP 620-07	5,5	7,5		77	76	75	74	66	54	54							
SP 620-08	5,5	7,5		88	87	86	84	76	62	62							
SP 620-09	7,5	10,0		99	98	96	95	85	70	70							
SP 620-10	7,5	10,0		110	109	107	106	95	78	78							
SP 620-11	7,5	10,0		121	120	118	117	104	85	85							
SP 620-12	9,2	12,5		132	130	129	127	114	93	93							
SP 620-13	9,2	12,5		143	141	140	138	124	101	101							
SP 620-14	9,2	12,5		154	152	150	149	133	109	109							
SP 620-15	11,0	15,0		166	163	161	160	143	116	116							
SP 620-16	11,0	15,0		177	174	172	170	153	124	124							
SP 620-17	11,0	15,0		188	185	183	181	162	132	132							
SP 620-18	13,0	17,5		199	196	194	192	172	140	140							
SP 620-19	13,0	17,5		210	207	204	203	181	147	147							
SP 620-20	13,0	17,5		221	218	215	213	191	155	155							
SP 620-21	15,0	20,0		232	229	226	224	201	163	163							
SP 620-22	15,0	20,0		243	240	237	235	210	171	171							
SP 620-23	15,0	20,0		254	251	248	246	220	179	179							
SP 620-24	18,5	25,0		265	262	258	256	229	186	186							
SP 620-25	18,5	25,0		276	273	269	267	239	194	194							
SP 620-26	22,0	30,0		287	284	280	278	248	202	202							
SP 620-27	22,0	30,0		298	295	291	289	258	210	210							
SP 620-28	22,0	30,0		309	306	301	299	267	217	217							
SP 620-29	22,0	30,0		320	317	312	310	277	225	225							
SP 620-30	26,0	35,0		331	328	323	321	287	233	233							
SP 620-31	26,0	35,0		342	339	334	332	296	241	241							
SP 620-32	26,0	35,0		353	349	344	342	306	248	248							
SP 620-33	26,0	35,0		364	360	355	353	315	256	256							
SP 620-34	30,0	40,0		375	371	366	364	325	264	264							
SP 620-35	30,0	40,0		386	382	377	375	334	272	272							
SP 620-36	30,0	40,0		397	393	387	385	344	279	279							
SP 620-37	30,0	40,0		405	404	398	396	353	287	287							
SP 620-38	30,0	40,0		419	415	409	407	363	295	295							
SP 620-39	37,0	50,0		430	426	420	418	373	303	303							
SP 620-40	37,0	50,0		441	437	430	428	382	316	316							
SP 620-41	37,0	50,0		452	448	441	439	392	318	318							
SP 620-42	37,0	50,0		464	459	452	450	401	326	326							
SP 620-43	37,0	50,0		475	470	463	461	411	334	334							
SP 620-44	37,0	50,0		486	481	473	471	420	342	342							
SP 620-45	37,0	50,0		497	492	484	482	430	349	349							
SP 620-46	37,0	50,0		508	503	495	493	439	357	357							
SP 620-47	37,0	50,0		519	514	506	504	449	365	365							
SP 620-48	45,0	60,0		530	525	516	514	459	373	373							
SP 620-49	45,0	60,0		541	536	527	525	468	380	380							
SP 620-50	45,0	60,0		552	547	538	536	478	388	388							

Performans Eğrileri 50 Hz/ Performance Curves at 50 Hz

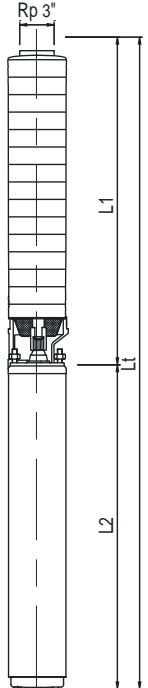
MEI ≥ 0,40



Performans Eğrileri 50 Hz/ Performance Curves at 50 Hz

MEI $\geq 0,40$ 

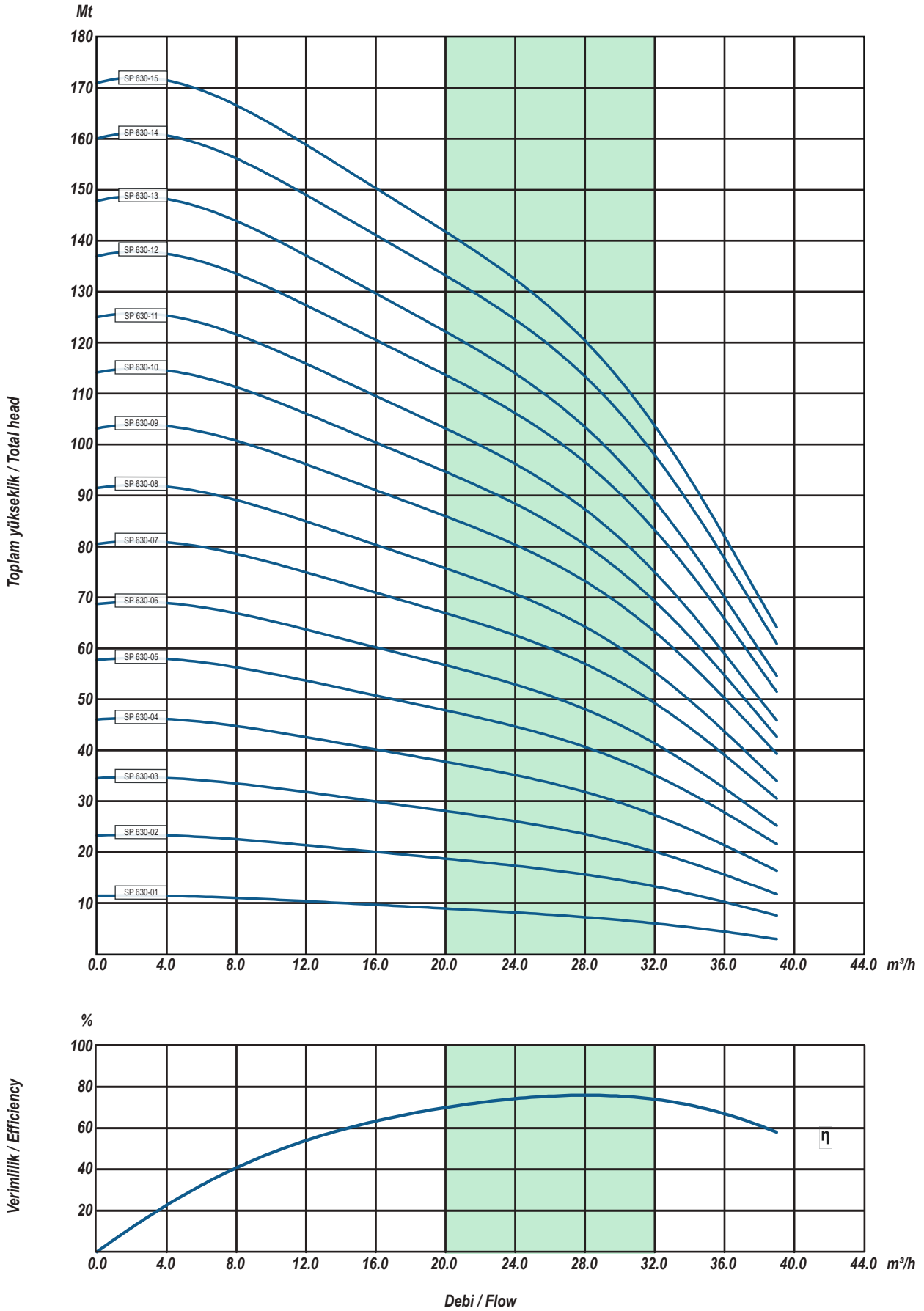
Pompa Modeli (Pump Model)	Motor		Boyutlar / Dimensions (mm)										Ağırlık / Weight (kg)												
	kW	Hp	L1	L2					Lt					Pompa Pump	Motor					Toplam/ Total					
				UP 4"	LP 4"	UP 5"	UP 6"	UP 8"	UP 4"	LP 4"	UP 5"	UP 6"	UP 8"		UP 4"	LP 4"	UP 5"	UP 6"	UP 8"	UP 4"	LP 4"	UP 5"	UP 6"	UP 8"	
SP 630-01	1,1	1,5	370	465	430	-	-	-	835	800	-	-	-	8,00	10,60	9,20	-	-	-	18,60	17,20	-	-	-	
SP 630-02	2,2	3,0	460	556	475	-	-	-	1016	935	-	-	-	9,00	14,80	11,40	-	-	-	23,80	20,40	-	-	-	
SP 630-03	3,0	4,0	556	600	556	-	-	-	1156	1112	-	-	-	11,00	17,90	14,80	-	-	-	28,90	25,80	-	-	-	
SP 630-04	4,0	5,5	652	635	600	636	630	-	1287	1252	1288	1282	-	13,00	19,90	17,90	38,00	46,00	-	32,90	30,90	51,00	59,00	-	
SP 630-05	5,5	7,5	748	775	635	636	630	-	1523	1383	1384	1378	-	15,00	25,00	19,90	38,00	46,00	-	40,00	34,90	53,00	61,00	-	
SP 630-06	5,5	7,5	844	775	635	636	630	-	1619	1479	1480	1474	-	17,00	25,00	19,90	38,00	46,00	-	42,00	36,90	55,00	63,00	-	
SP 630-07	7,5	10,0	940	862	775	681	650	-	1802	1715	1621	1590	-	19,00	29,40	25,00	42,00	48,00	-	48,40	44,00	61,00	67,00	-	
SP 630-08	7,5	10,0	1036	862	775	681	650	-	1898	1811	1717	1686	-	21,00	29,40	25,00	42,00	48,00	-	50,40	46,00	63,00	69,00	-	
SP 630-09	9,2	12,5	1132	-	-	731	690	-	-	-	-	1863	1822	-	22,00	-	-	44,00	50,00	-	-	-	66,00	72,00	-
SP 630-10	9,2	12,5	1228	-	-	731	690	-	-	-	-	1959	1918	-	24,00	-	-	44,00	50,00	-	-	-	68,00	74,00	-
SP 630-11	9,2	12,5	1324	-	-	731	690	-	-	-	-	2055	2014	-	26,00	-	-	44,00	50,00	-	-	-	70,00	76,00	-
SP 630-12	11,0	15,0	1420	-	-	776	730	-	-	-	-	2196	2150	-	27,00	-	-	48,00	56,00	-	-	-	75,00	83,00	-
SP 630-13	11,0	15,0	1516	-	-	776	730	-	-	-	-	2292	2246	-	29,00	-	-	48,00	56,00	-	-	-	77,00	85,00	-
SP 630-14	13,0	17,5	1612	-	-	826	780	-	-	-	-	2438	2392	-	31,00	-	-	54,00	60,00	-	-	-	85,00	91,00	-
SP 630-15	13,0	17,5	1708	-	-	826	780	-	-	-	-	2534	2488	-	32,00	-	-	54,00	60,00	-	-	-	86,00	92,00	-
SP 630-16	15,0	20,0	1804	-	-	876	830	-	-	-	-	2680	2634	-	34,00	-	-	58,00	66,00	-	-	-	92,00	100,00	-
SP 630-17	15,0	20,0	1900	-	-	876	830	-	-	-	-	2776	2730	-	36,00	-	-	58,00	66,00	-	-	-	94,00	102,00	-
SP 630-18	18,5	25,0	1996	-	-	876	880	-	-	-	-	2872	2876	-	38,00	-	-	58,00	72,00	-	-	-	96,00	110,00	-
SP 630-19	18,5	25,0	2092	-	-	876	880	-	-	-	-	2968	2972	-	40,00	-	-	58,00	72,00	-	-	-	98,00	112,00	-
SP 630-20	18,5	25,0	2188	-	-	876	880	-	-	-	-	3064	3068	-	41,00	-	-	58,00	72,00	-	-	-	99,00	113,00	-
SP 630-21	18,5	25,0	2300	-	-	876	880	-	-	-	-	3176	3180	-	43,00	-	-	58,00	72,00	-	-	-	101,00	115,00	-
SP 630-22	22,0	30,0	2396	-	-	876	980	930	-	-	-	3272	3376	3326	45,00	-	-	58,00	82,00	121,00	-	-	103,00	127,00	166,00
SP 630-23	22,0	30,0	2492	-	-	876	980	930	-	-	-	3368	3472	3422	47,00	-	-	58,00	82,00	121,00	-	-	105,00	129,00	168,00
SP 630-24	22,0	30,0	2588	-	-	876	980	930	-	-	-	3464	3568	3518	48,00	-	-	58,00	82,00	121,00	-	-	106,00	130,00	169,00
SP 630-25	22,0	30,0	2684	-	-	876	980	930	-	-	-	3560	3664	3614	49,00	-	-	58,00	82,00	121,00	-	-	107,00	131,00	170,00
SP 630-26	22,0	30,0	2780	-	-	876	980	930	-	-	-	3656	3760	3710	51,00	-	-	58,00	82,00	121,00	-	-	109,00	133,00	172,00
SP 630-27	26,0	35,0	2876	-	-	-	1030	-	-	-	-	-	3906	-	53,00	-	-	-	88,00	-	-	-	-	141,00	-
SP 630-28	26,0	35,0	2972	-	-	-	1030	-	-	-	-	-	4002	-	57,00	-	-	-	88,00	-	-	-	-	145,00	-
SP 630-29	26,0	35,0	3068	-	-	-	1030	-	-	-	-	-	4098	-	58,00	-	-	-	88,00	-	-	-	-	146,00	-
SP 630-30	26,0	35,0	3164	-	-	-	1030	-	-	-	-	-	4194	-	59,00	-	-	-	88,00	-	-	-	-	147,00	-
SP 630-31	30,0	40,0	3260	-	-	-	1110	1020	-	-	-	-	4370	4280	61,00	-	-	-	98,00	137,00	-	-	-	159,00	198,00
SP 630-32	30,0	40,0	3356	-	-	-	1110	1020	-	-	-	-	4466	4376	63,00	-	-	-	98,00	137,00	-	-	-	161,00	200,00
SP 630-33	30,0	40,0	3452	-	-	-	1110	1020	-	-	-	-	4562	4472	65,00	-	-	-	98,00	137,00	-	-	-	163,00	202,00
SP 630-34	30,0	40,0	3548	-	-	-	1110	1020	-	-	-	-	4658	4568	67,00	-	-	-	98,00	137,00	-	-	-	165,00	204,00
SP 630-35	30,0	40,0	3644	-	-	-	1110	1020	-	-	-	-	4754	4664	68,00	-	-	-	98,00	137,00	-	-	-	166,00	205,00
SP 630-39	37,0	50,0	4170	-	-	-	1190	1050	-	-	-	-	5360	5220	75,00	-	-	-	106,00	143,00	-	-	-	181,00	218,00
SP 630-43	37,0	50,0	4570	-	-	-	1190	1050	-	-	-	-	5760	5620	84,00	-	-	-	106,00	143,00	-	-	-	190,00	227,00
SP 630-46	45,0	60,0	4870	-	-	-	1270	1130	-	-	-	-	6140	6000	90,00	-	-	-	116,00	158,00	-	-	-	206,00	248,00
SP 630-49	45,0	60,0	5170	-	-	-	1270	1130	-	-	-	-	6440	6300	95,00	-	-	-	116,00	158,00	-	-	-	211,00	253,00
SP 630-52	55,0	75,0	5470	-	-	-	-	1210	-	-	-	-	-	-	102,00	-	-	-	-	181,00	-	-	-	-	283,00
SP 630-54	55,0	75,0	5670	-	-	-	-	1210	-	-	-	-	-	-	105,00	-	-	-	-	181,00	-	-	-	-	286,00



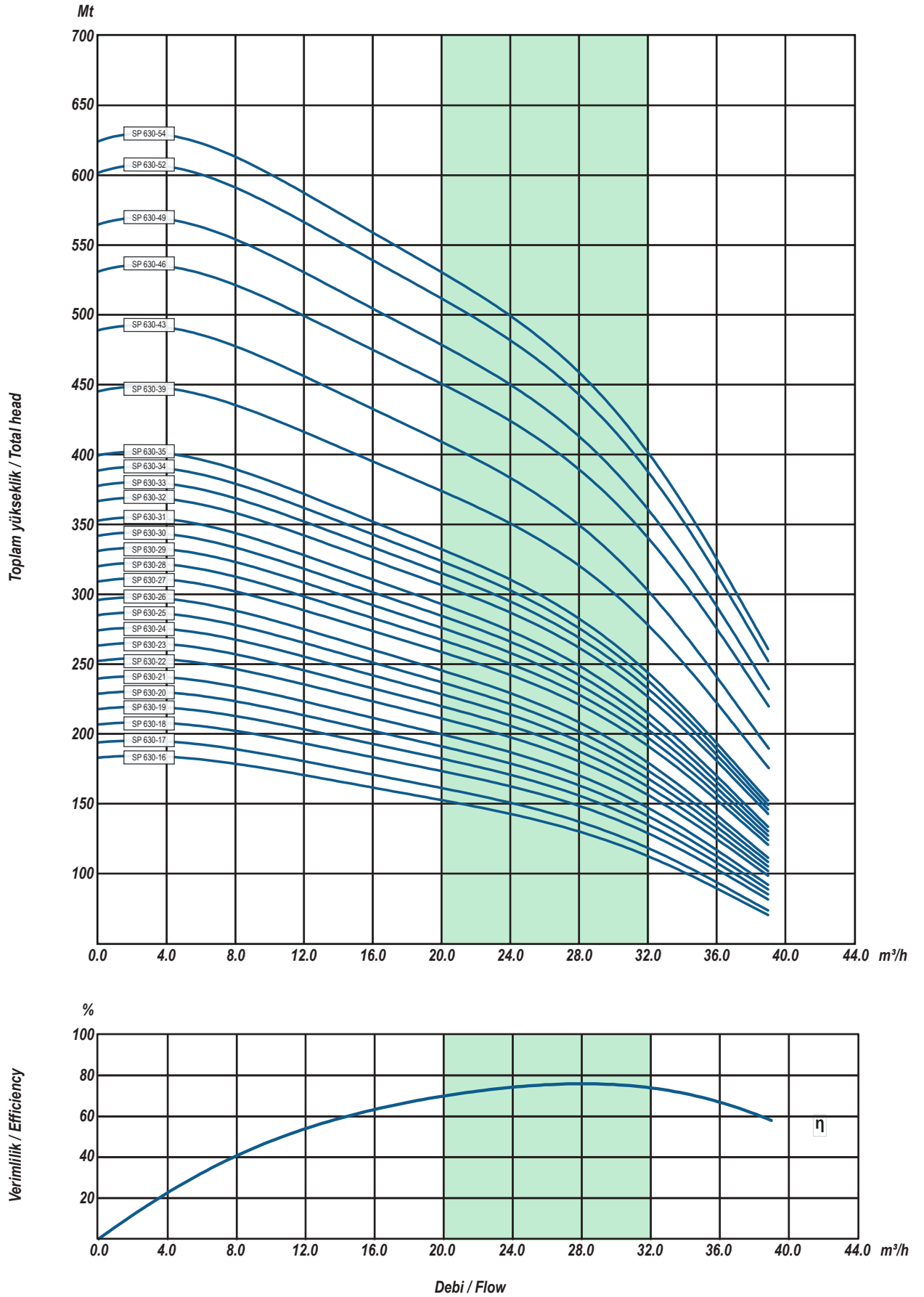
Hidrolik Performans Tablosu 50 Hz/ Table of Hydraulic Performance at 50 Hz

Pompa Modeli (Pump Model)	Çıkış Gücü (Output Power)		Q= Debi / Flow												
	kW	Hp	(m³/h)	0	8,00	16,00	24,00	28,00	32,00	39,00					
			(l/sec)	0,0	2,20	4,40	6,70	7,80	8,90	10,80					
SP 630-01	1,1	1,5	MSS / MPH	12	11	10	8	7	6	3					
SP 630-02	2,2	3,0		23	22	20	18	15	13	7					
SP 630-03	3,0	4,0		35	33	30	27	23	20	12					
SP 630-04	4,0	5,5		46	45	40	35	32	27	16					
SP 630-05	5,5	7,5		58	56	51	45	41	35	21					
SP 630-06	5,5	7,5		69	67	60	53	48	41	25					
SP 630-07	7,5	10,0		81	79	71	63	57	49	30					
SP 630-08	7,5	10,0		91	89	80	71	64	55	34					
SP 630-09	9,2	12,5		103	101	91	80	73	63	39					
SP 630-10	9,2	12,5		114	111	100	89	80	69	43					
SP 630-11	9,2	12,5		125	122	110	97	87	75	45					
SP 630-12	11,0	15,0		137	133	121	106	96	83	51					
SP 630-13	11,0	15,0		148	144	130	115	103	89	53					
SP 630-14	13,0	17,5		160	156	141	124	113	98	61					
SP 630-15	13,0	17,5		171	167	150	131	120	103	64					
SP 630-16	15,0	20,0		183	178	161	143	130	112	70					
SP 630-17	15,0	20,0		195	190	170	150	138	119	74					
SP 630-18	18,5	25,0		207	202	182	162	149	129	82					
SP 630-19	18,5	25,0		218	213	193	170	155	135	85					
SP 630-20	18,5	25,0		229	233	202	179	164	140	88					
SP 630-21	18,5	25,0		240	234	211	188	170	148	92					
SP 630-22	22,0	30,0		252	247	222	198	180	156	99					
SP 630-23	22,0	30,0		263	257	233	206	188	162	101					
SP 630-24	22,0	30,0		275	268	242	214	195	168	105					
SP 630-25	22,0	30,0		285	278	250	222	200	175	109					
SP 630-26	22,0	30,0		296	288	260	230	208	180	111					
SP 630-27	26,0	35,0		310	301	274	242	220	190	121					
SP 630-28	26,0	35,0		320	312	283	250	228	199	124					
SP 630-29	26,0	35,0		331	323	292	258	235	202	128					
SP 630-30	26,0	35,0		342	333	300	266	241	209	130					
SP 630-31	30,0	40,0		353	344	310	274	249	215	132					
SP 630-32	30,0	40,0		368	350	325	288	251	226	142					
SP 630-33	30,0	40,0	378	369	334	295	259	231	145						
SP 630-34	30,0	40,0	390	380	343	302	275	238	149						
SP 630-35	30,0	40,0	400	390	352	310	282	242	152						
SP 630-39	37,0	50,0	445	436	395	350	320	279	178						
SP 630-43	37,0	50,0	489	478	432	382	350	301	190						
SP 630-46	45,0	60,0	531	521	475	425	390	340	220						
SP 630-49	45,0	60,0	565	555	505	450	412	360	231						
SP 630-52	55,0	75,0	602	591	540	480	442	389	251						
SP 630-54	55,0	75,0	625	612	560	500	459	400	260						

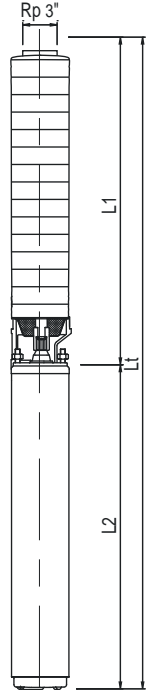
MEI ≥ 0,40



Performans Eğrileri 50 Hz/ Performance Curves at 50 Hz

MEI $\geq 0,40$ 

Pompa Modeli (Pump Model)	Motor		Boyutlar / Dimensions (mm)										Ağırlık / Weight (kg)											
	kW	Hp	L1	L2					Lt					Pompa Pump	Motor					Toplam/ Total				
				UP 4"	LP 4"	UP 5"	UP 6"	UP 8"	UP 4"	LP 4"	UP 5"	UP 6"	UP 8"		UP 4"	LP 4"	UP 5"	UP 6"	UP 8"	UP 4"	LP 4"	UP 5"	UP 6"	UP 8"
SP 636-01	1,1	350	350	465	430	-	-	-	815	780	-	-	-	6,00	10,60	9,20	-	-	-	16,60	16,60	-	-	-
SP 636-02	2,2	470	470	556	475	-	-	-	1026	945	-	-	-	8,00	14,80	11,40	-	-	-	22,80	22,80	-	-	-
SP 636-03	3,0	580	580	600	556	-	-	-	1180	1136	-	-	-	10,00	17,90	14,80	-	-	-	27,90	27,90	-	-	-
SP 636-04	4,0	700	700	635	600	636	630	-	1335	1300	1336	1330	-	13,00	19,90	17,90	38,00	46,00	-	32,90	32,90	51,00	59,00	-
SP 636-05	5,5	810	810	775	635	636	630	-	1585	1445	1446	1440	-	15,00	25,00	19,90	38,00	46,00	-	40,00	40,00	53,00	61,00	-
SP 636-06	7,5	930	930	862	775	681	650	-	1792	1705	1611	1580	-	17,00	29,40	25,00	42,00	48,00	-	46,40	46,40	59,00	65,00	-
SP 636-07	7,5	1040	1040	862	775	681	650	-	1902	1815	1721	1690	-	20,00	29,40	25,00	42,00	48,00	-	49,40	49,40	62,00	68,00	-
SP 636-08	9,2	1160	1160	-	-	731	690	-	-	-	1891	1850	-	22,00	-	-	44,00	50,00	-	-	-	66,00	72,00	-
SP 636-09	9,2	1270	1270	-	-	731	690	-	-	-	2001	1960	-	25,00	-	-	44,00	50,00	-	-	-	69,00	75,00	-
SP 636-10	11,0	1380	1380	-	-	776	730	-	-	-	2156	2110	-	27,00	-	-	48,00	56,00	-	-	-	75,00	83,00	-
SP 636-11	11,0	1500	1500	-	-	776	730	-	-	-	2276	2230	-	30,00	-	-	48,00	56,00	-	-	-	78,00	86,00	-
SP 636-12	13,0	1610	1610	-	-	826	780	-	-	-	2436	2390	-	32,00	-	-	54,00	60,00	-	-	-	86,00	92,00	-
SP 636-13	13,0	1730	1730	-	-	826	780	-	-	-	2556	2510	-	35,00	-	-	54,00	60,00	-	-	-	89,00	95,00	-
SP 636-14	15,0	1840	1840	-	-	876	830	-	-	-	2716	2670	-	37,00	-	-	58,00	66,00	-	-	-	95,00	103,00	-
SP 636-15	15,0	1960	1960	-	-	876	830	-	-	-	2836	2790	-	39,00	-	-	58,00	66,00	-	-	-	97,00	105,00	-
SP 636-16	18,5	2070	2070	-	-	876	880	-	-	-	2946	2950	-	42,00	-	-	58,00	72,00	-	-	-	100,00	114,00	-
SP 636-17	18,5	2190	2190	-	-	876	880	-	-	-	3066	3070	-	44,00	-	-	58,00	72,00	-	-	-	102,00	116,00	-
SP 636-18	22,0	2300	2300	-	-	876	980	930	-	-	3176	3280	3230	47,00	-	-	58,00	82,00	121,00	-	-	105,00	129,00	168,00
SP 636-19	22,0	2410	2410	-	-	876	980	930	-	-	3286	3390	3340	49,00	-	-	58,00	82,00	121,00	-	-	107,00	131,00	170,00
SP 636-20	22,0	2530	2530	-	-	876	980	930	-	-	3406	3510	3460	52,00	-	-	58,00	82,00	121,00	-	-	110,00	134,00	173,00
SP 636-21	26,0	2640	2640	-	-		1030		-	-		3670		54,00	-	-		88,00		-	-		142,00	
SP 636-22	26,0	2760	2760	-	-		1030		-	-		3790		57,00	-	-		88,00		-	-		145,00	
SP 636-23	26,0	2870	2870	-	-		1030		-	-		3900		59,00	-	-		88,00		-	-		147,00	
SP 636-24	30,0	3220	3220	-	-		1110	1020	-	-		4330	4240	70,00	-	-		98,00	137,00	-	-		168,00	207,00
SP 636-25	30,0	3330	3330	-	-		1110	1020	-	-		4440	4350	72,00	-	-		98,00	137,00	-	-		170,00	209,00
SP 636-26	30,0	3450	3450	-	-		1110	1020	-	-		4560	4470	74,00	-	-		98,00	137,00	-	-		172,00	211,00
SP 636-27	37,0	3560	3560	-	-		1190	1050	-	-		4750	4610	77,00	-	-		106,00	143,00	-	-		183,00	220,00
SP 636-28	37,0	3680	3680	-	-		1190	1050	-	-		4870	4730	79,00	-	-		106,00	143,00	-	-		185,00	222,00
SP 636-29	37,0	3790	3790	-	-		1190	1050	-	-		4980	4840	82,00	-	-		106,00	143,00	-	-		188,00	225,00
SP 636-30	37,0	3900	3900	-	-		1190	1050	-	-		5090	4950	84,00	-	-		106,00	143,00	-	-		190,00	227,00

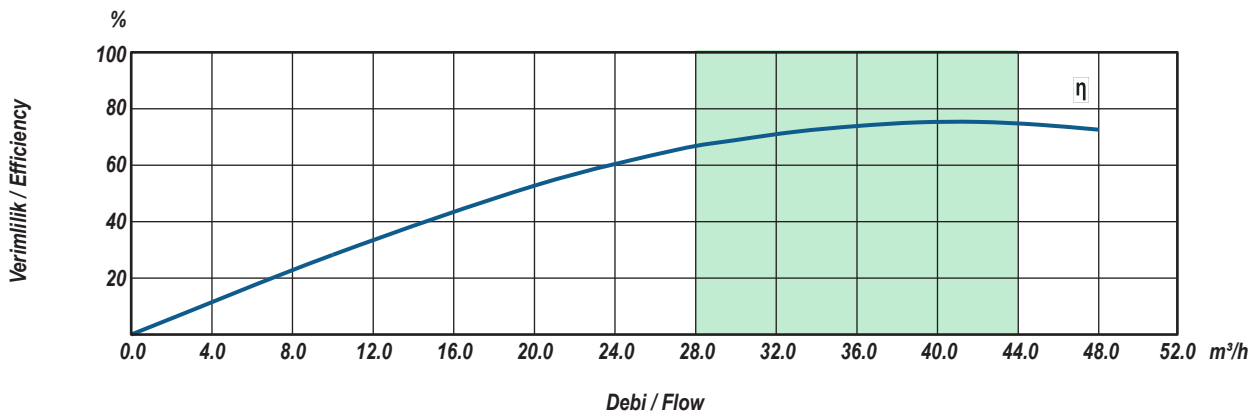
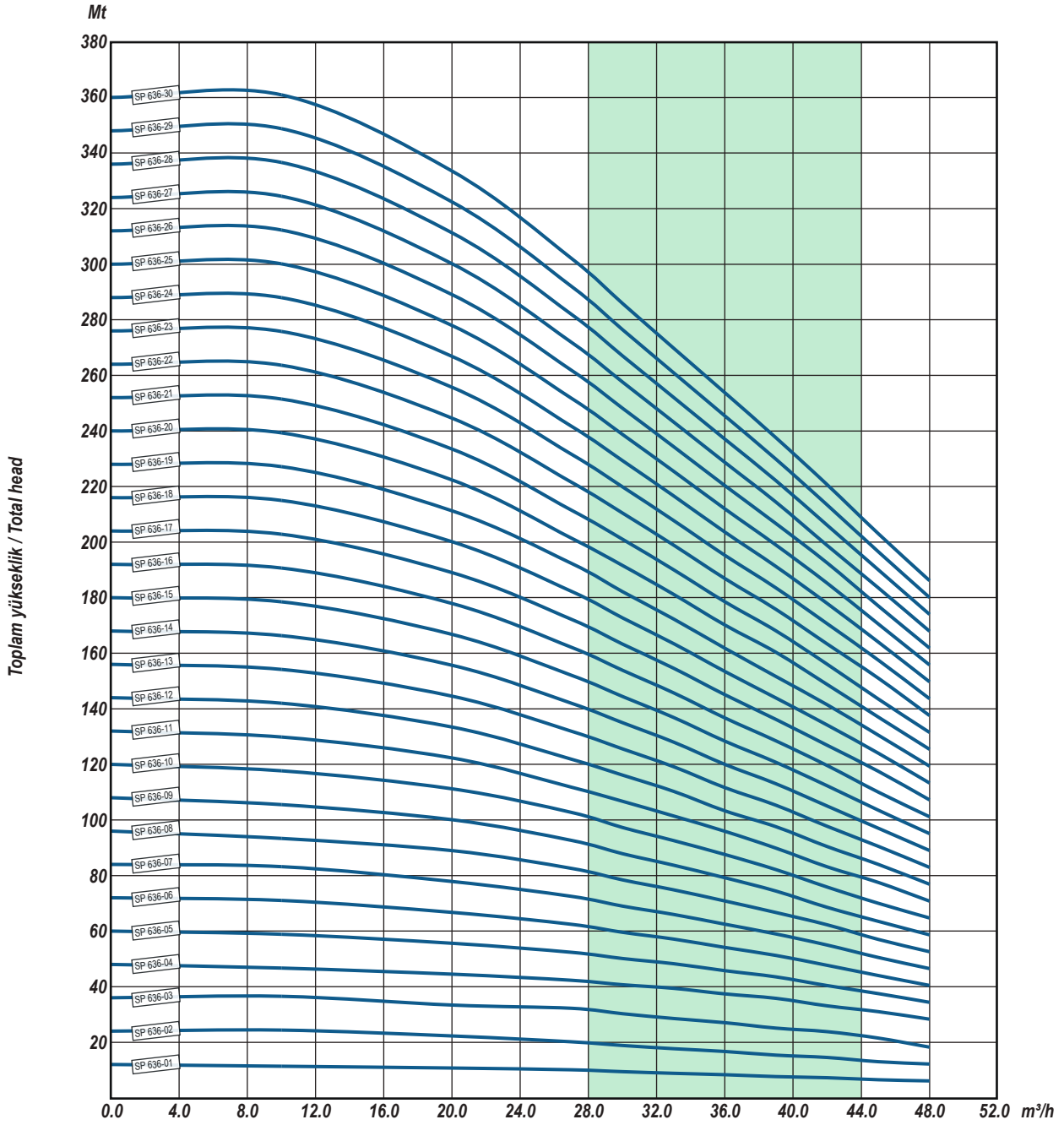


Hidrolik Performans Tablosu 50 Hz/ Table of Hydraulic Performance at 50 Hz

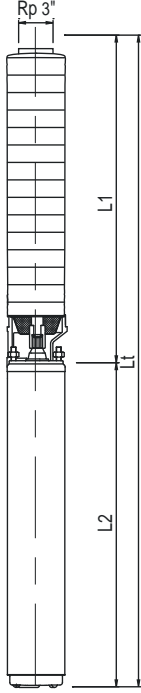
Pompa Modeli (Pump Model)	Çıkış Gücü (Output Power)		Q= Debi / Flow											
	kW	Hp	(m³/h)	0,00	27,00	30,00	36,00	39,00	42,00	48,00				
			(l/sec)	0,00	7,50	8,33	10,00	10,83	11,67	13,33				
SP 636-01	1,1	1,5	MSS / MPH	12	10	9	8	8	7	6				
SP 636-02	2,2	3,0		24	20	19	17	15	15	12				
SP 636-03	3,0	4,0		36	30	28	25	23	22	18				
SP 636-04	4,0	5,5		48	40	38	33	31	29	24				
SP 636-05	5,5	7,5		60	50	47	42	39	36	30				
SP 636-06	7,5	10,0		72	60	57	50	46	44	36				
SP 636-07	7,5	10,0		84	71	66	58	54	51	43				
SP 636-08	9,2	12,5		96	81	75	67	62	58	49				
SP 636-09	9,2	12,5		108	91	85	75	69	66	55				
SP 636-10	11,0	15,0		120	101	94	84	77	73	61				
SP 636-11	11,0	15,0		132	111	104	92	85	80	67				
SP 636-12	13,0	17,5		144	121	113	100	93	87	73				
SP 636-13	13,0	17,5		156	131	123	109	100	95	79				
SP 636-14	15,0	20,0		168	141	132	117	108	102	85				
SP 636-15	15,0	20,0		180	151	141	125	116	109	91				
SP 636-16	18,5	25,0		192	161	151	134	123	117	97				
SP 636-17	18,5	25,0		204	171	160	142	131	124	103				
SP 636-18	22,0	30,0		216	181	170	150	139	131	109				
SP 636-19	22,0	30,0		228	191	179	159	147	138	115				
SP 636-20	22,0	30,0		240	201	189	167	154	146	121				
SP 636-21	26,0	35,0		252	211	198	176	162	153	127				
SP 636-22	26,0	35,0		264	222	207	184	170	160	134				
SP 636-23	26,0	35,0		276	232	217	192	177	168	140				
SP 636-24	30,0	40,0		288	242	226	201	185	175	146				
SP 636-25	30,0	40,0		300	252	236	209	193	182	152				
SP 636-26	30,0	40,0		312	262	245	217	201	189	158				
SP 636-27	37,0	50,0		324	272	255	226	208	197	164				
SP 636-28	37,0	50,0		336	282	264	234	216	204	170				
SP 636-29	37,0	50,0		348	292	273	242	224	211	176				
SP 636-30	37,0	50,0		360	302	283	251	232	219	182				

Performans Eğrileri 50 Hz/ Performance Curves at 50 Hz

MEI ≥ 0,40



Teknik Bilgiler (4"- 5"- 6"- 8" ULUSU Motor) / Technical Data (4"- 5"- 6"- 8" ULUSU Motor)

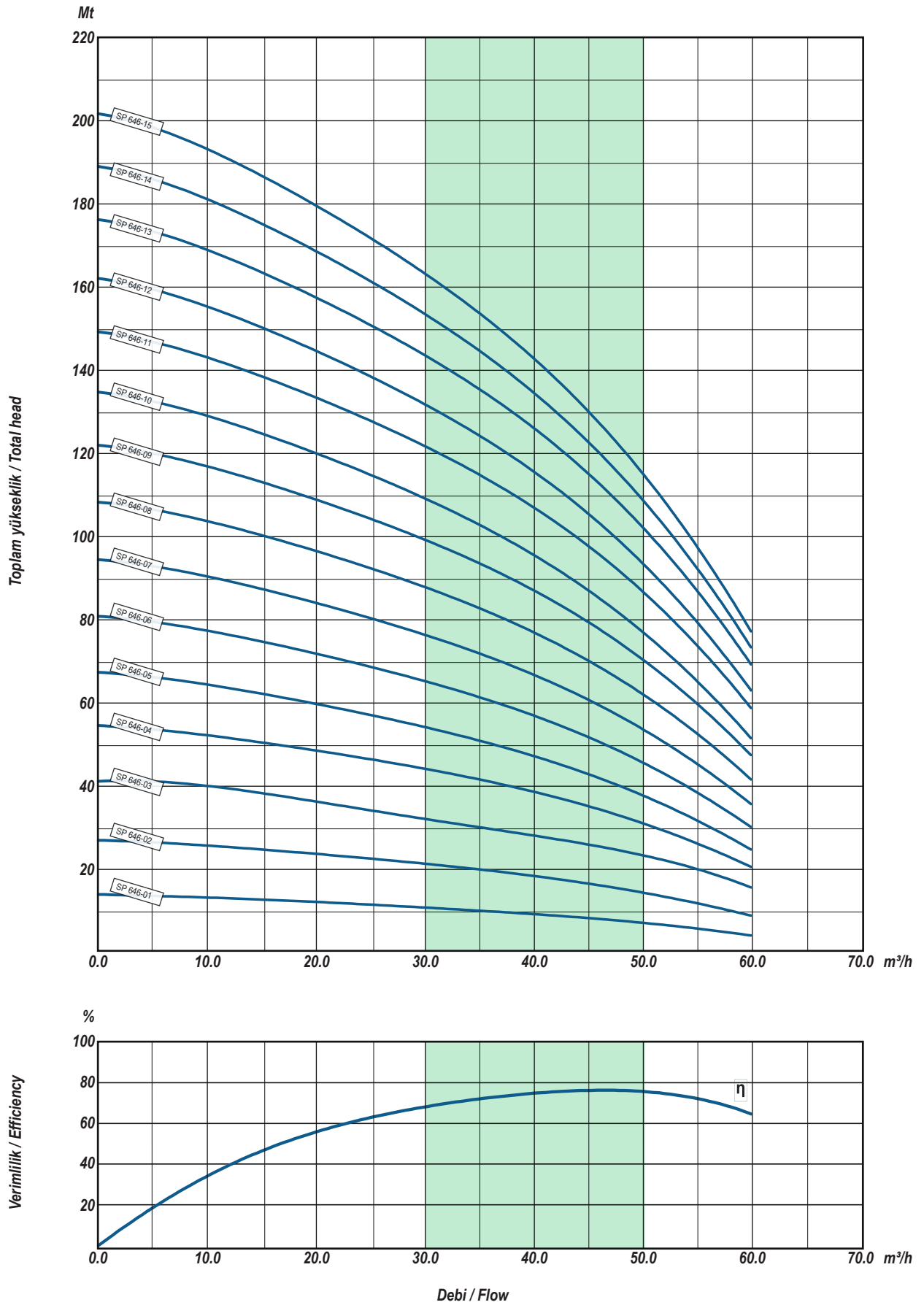


Pompa Modeli (Pump Model)	Motor		Boyutlar / Dimensions (mm)										Ağırlık / Weight (kg)											
	kW	Hp	L1	L2					Lt					Pompa Pump	Motor					Toplam/ Total				
				UP 4"	LP 4"	UP 5"	UP 6"	UP 8"	UP 4"	LP 4"	UP 5"	UP 6"	UP 8"		UP 4"	LP 4"	UP 5"	UP 6"	UP 8"	UP 4"	LP 4"	UP 5"	UP 6"	UP 8"
SP 646-01	2,2	3,0	390	556	475	-	-	-	946	865	-	-	-	10,00	14,80	11,40	-	-	-	24,80	21,40	-	-	-
SP 646-02	3,0	4,0	510	600	556	-	-	-	1110	1066	-	-	-	12,00	17,90	14,80	-	-	-	29,90	26,80	-	-	-
SP 646-03	5,5	7,5	630	775	635	636	630	-	1405	1265	1266	1266	-	14,00	25,00	19,90	38,00	46,00	-	39,00	33,90	52,00	60,00	-
SP 646-04	7,5	10,0	750	862	775	681	650	-	1612	1525	1431	1431	-	16,00	29,40	25,00	42,00	48,00	-	45,40	41,00	58,00	64,00	-
SP 646-05	7,5	10,0	870	862	775	681	650	-	1732	1645	1551	1551	-	18,00	29,40	25,00	42,00	48,00	-	47,40	43,00	60,00	66,00	-
SP 646-06	9,2	12,5	990	-	-	731	690	-	-	-	1721	1721	-	21,00	-	-	44,00	50,00	-	-	-	65,00	71,00	-
SP 646-07	11,0	15,0	1110	-	-	776	730	-	-	-	1886	1886	-	23,00	-	-	48,00	56,00	-	-	-	71,00	79,00	-
SP 646-08	13,0	17,5	1230	-	-	826	780	-	-	-	2056	2056	-	25,00	-	-	54,00	60,00	-	-	-	79,00	85,00	-
SP 646-09	15,0	20,0	1350	-	-	876	830	-	-	-	2226	2226	-	27,00	-	-	58,00	66,00	-	-	-	85,00	93,00	-
SP 646-10	15,0	20,0	1470	-	-	876	830	-	-	-	2346	2346	-	29,00	-	-	58,00	66,00	-	-	-	87,00	95,00	-
SP 646-11	18,5	25,0	1590	-	-	876	880	-	-	-	2466	2466	-	32,00	-	-	58,00	72,00	-	-	-	90,00	104,00	-
SP 646-12	18,5	25,0	1626	-	-	876	880	-	-	-	2502	2502	-	33,00	-	-	58,00	72,00	-	-	-	91,00	105,00	-
SP 646-13	18,5	25,0	1830	-	-	876	880	-	-	-	2706	2706	-	36,00	-	-	58,00	72,00	-	-	-	94,00	108,00	-
SP 646-14	22,0	30,0	1930	-	-	876	980	930	-	-	2806	2806	2860	38,00	-	-	58,00	82,00	121,00	-	-	96,00	120,00	159,00
SP 646-15	22,0	30,0	2070	-	-	876	980	930	-	-	2946	2946	3000	40,00	-	-	58,00	82,00	121,00	-	-	98,00	122,00	161,00
SP 646-16	26,0	35,0	2190	-	-	-	1030	-	-	-	-	-	-	43,00	-	-	-	88,00	-	-	-	-	131,00	-
SP 646-17	26,0	35,0	2310	-	-	-	1030	-	-	-	-	-	-	45,00	-	-	-	88,00	-	-	-	-	133,00	-
SP 646-18	30,0	40,0	2430	-	-	-	1110	1020	-	-	-	-	3450	48,00	-	-	-	98,00	137,00	-	-	-	146,00	185,00
SP 646-19	30,0	40,0	2540	-	-	-	1110	1020	-	-	-	-	3560	50,00	-	-	-	98,00	137,00	-	-	-	148,00	187,00
SP 646-20	30,0	40,0	2670	-	-	-	1110	1020	-	-	-	-	3690	53,00	-	-	-	98,00	137,00	-	-	-	151,00	190,00
SP 646-21	37,0	50,0	2790	-	-	-	1190	1050	-	-	-	-	3840	55,00	-	-	-	106,00	143,00	-	-	-	161,00	198,00
SP 646-22	37,0	50,0	2910	-	-	-	1190	1050	-	-	-	-	3960	58,00	-	-	-	106,00	143,00	-	-	-	164,00	201,00
SP 646-23	37,0	50,0	3030	-	-	-	1190	1050	-	-	-	-	4080	60,00	-	-	-	106,00	143,00	-	-	-	166,00	203,00
SP 646-24	37,0	50,0	3150	-	-	-	1190	1050	-	-	-	-	4200	62,00	-	-	-	106,00	143,00	-	-	-	168,00	205,00
SP 646-26	45,0	60,0	3390	-	-	-	1270	1130	-	-	-	-	4520	67,00	-	-	-	116,00	158,00	-	-	-	183,00	225,00
SP 646-28	45,0	60,0	3630	-	-	-	1270	1130	-	-	-	-	4760	72,00	-	-	-	116,00	158,00	-	-	-	188,00	230,00
SP 646-30	45,0	60,0	3870	-	-	-	1270	1130	-	-	-	-	5000	78,00	-	-	-	116,00	158,00	-	-	-	194,00	236,00
SP 646-33	55,0	75,0	4230	-	-	-	-	1210	-	-	-	-	5440	86,00	-	-	-	-	181,00	-	-	-	-	267,00
SP 646-35	55,0	75,0	4470	-	-	-	-	1210	-	-	-	-	5680	91,00	-	-	-	-	181,00	-	-	-	-	272,00
SP 646-37	55,0	75,0	4710	-	-	-	-	1210	-	-	-	-	5920	96,00	-	-	-	-	181,00	-	-	-	-	277,00

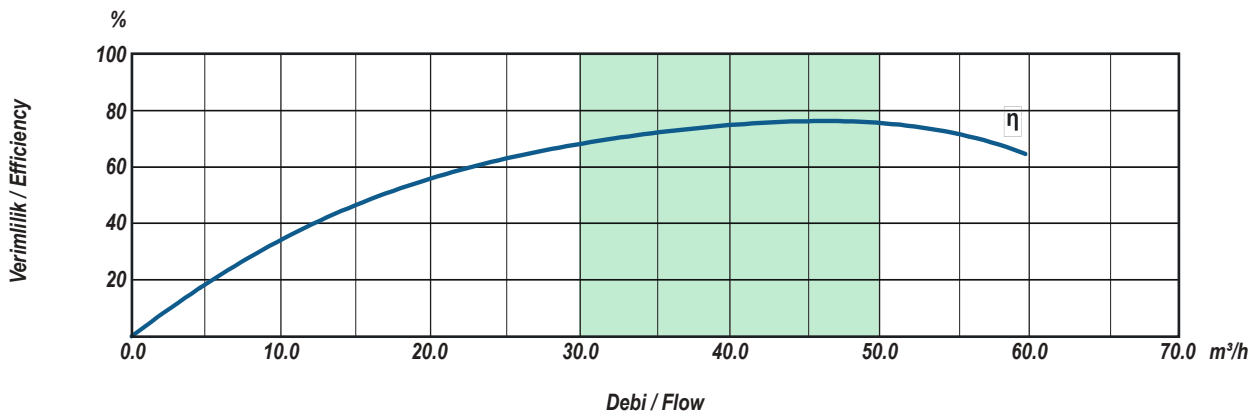
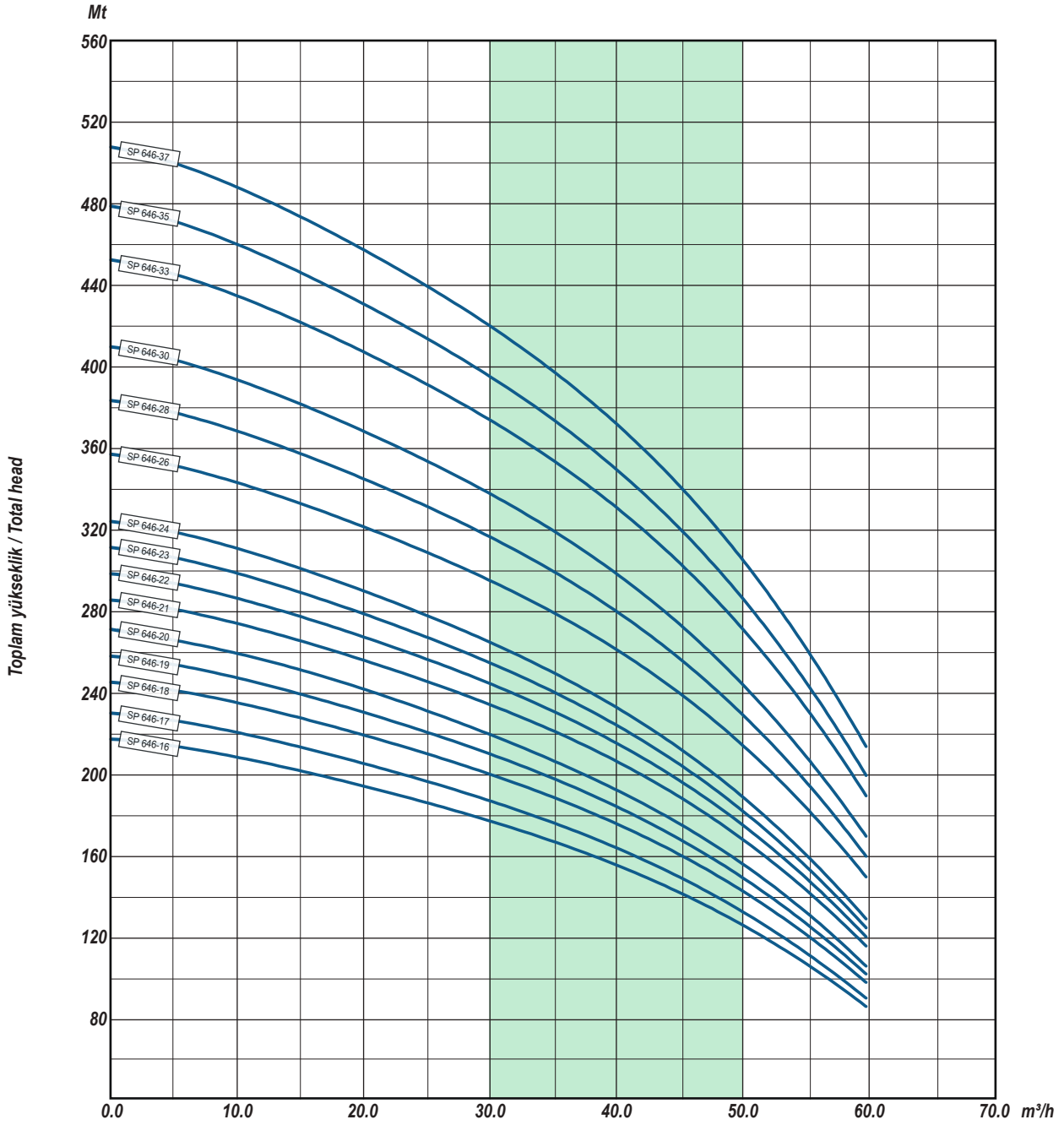
Hidrolik Performans Tablosu 50 Hz/ Table of Hydraulic Performance at 50 Hz

Pompa Modeli (Pump Model)	Çıkış Gücü (Output Power)		Q= Debi / Flow											
	kW	Hp	(m³/h)	0,00	10,00	20,00	30,00	40,00	50,00	60,00				
			(l/sec)	0,00	2,80	5,60	8,30	11,1	13,9	16,7				
SP 646-01	2,2	3,0	MSS / MPH	14	13	12	10	7	6	4				
SP 646-02	3,0	4,0		27	25	23	21	18	14	8				
SP 646-03	5,5	7,5		41	40	38	32	28	23	15				
SP 646-04	7,5	10,0		55	52	48	44	38	31	20				
SP 646-05	7,5	10,0		67	64	59	54	47	37	24				
SP 646-06	9,2	12,5		81	77	71	65	57	45	29				
SP 646-07	11,0	15,0		94	90	84	76	66	51	35				
SP 646-08	13,0	17,5		108	103	95	87	77	62	41				
SP 646-09	15,0	20,0		122	117	107	99	87	70	47				
SP 646-10	15,0	20,0		135	127	120	109	95	77	51				
SP 646-11	18,5	25,0		149	143	133	121	106	86	58				
SP 646-12	18,5	25,0		162	157	144	132	115	93	63				
SP 646-13	18,5	25,0		177	169	157	143	126	102	69				
SP 646-14	22,0	30,0		189	181	169	153	134	108	73				
SP 646-15	22,0	30,0		210	193	180	163	142	115	77				
SP 646-16	26,0	35,0		216	207	197	176	155	125	85				
SP 646-17	26,0	35,0		230	220	205	186	163	132	90				
SP 646-18	30,0	40,0		245	235	218	199	175	142	96				
SP 646-19	30,0	40,0		267	247	230	209	184	148	100				
SP 646-20	30,0	40,0		270	258	241	218	192	155	105				
SP 646-21	37,0	50,0		285	274	255	238	205	168	115				
SP 646-22	37,0	50,0		297	280	267	244	215	175	119				
SP 646-23	37,0	50,0		312	297	278	254	224	181	124				
SP 646-24	37,0	50,0		324	310	290	274	232	187	128				
SP 646-26	45,0	60,0		357	343	321	295	260	214	147				
SP 646-28	45,0	60,0		383	363	345	315	280	228	158				
SP 646-30	45,0	60,0		410	394	363	337	298	244	168				
SP 646-33	55,0	75,0		452	435	407	374	330	270	188				
SP 646-35	55,0	75,0		479	460	430	395	349	285	198				
SP 646-37	55,0	75,0		508	488	458	420	373	305	213				

Performans Eğrileri 50 Hz/ Performance Curves at 50 Hz

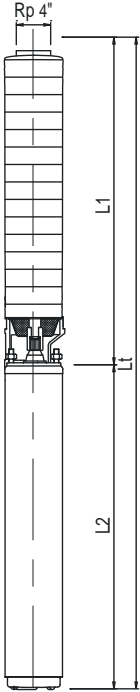
MEI $\geq 0,40$ 

MEI ≥ 0,40



Teknik Bilgiler (4" - 5" - 6" - 8" ULUSU Motor) / Technical Data (4" - 5" - 6" - 8" ULUSU Motor)

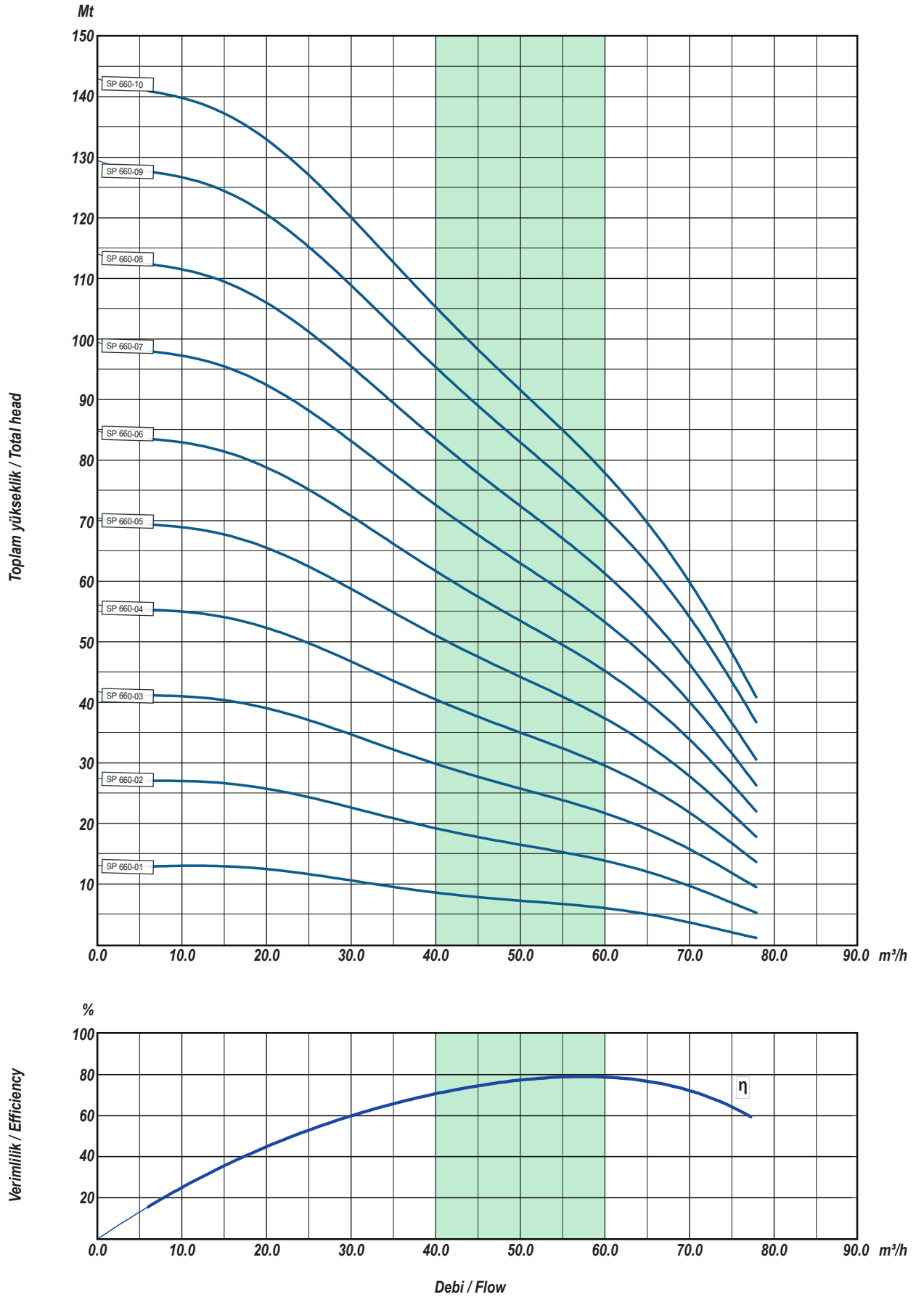
Pompa Modeli (Pump Model)	Motor		Boyutlar / Dimensions (mm)										Ağırlık / Weight (kg)											
	kW	Hp	L1	L2				Lt						Pompa Pump	Motor					Toplam/ Total				
				UP 4"	LP 4"	UP 5"	UP 6"	UP 8"	UP 4"	LP 4"	UP 5"	UP 6"	UP 8"		UP 4"	LP 4"	UP 5"	UP 6"	UP 8"	UP 4"	LP 4"	UP 5"	UP 6"	UP 8"
SP 660-01	2,2	3,0	390	556	475	-	-	-	946	865	-	-	-	10,00	14,80	11,40	-	-	-	24,80	21,40	-	-	-
SP 660-02	4,0	5,5	510	635	600	636	630	-	1145	1110	1146	114a0	-	12,00	19,90	17,90	38,00	46,00	-	31,90	29,90	50,00	58,00	-
SP 660-03	5,5	7,5	630	775	635	636	630	-	1405	1265	1266	1260	-	14,00	25,00	19,90	38,00	46,00	-	39,00	33,90	52,00	60,00	-
SP 660-04	7,5	10,0	750	862	775	681	650	-	1612	1525	1431	1400	-	16,00	29,40	25,00	42,00	48,00	-	45,40	41,00	58,00	64,00	-
SP 660-05	9,2	12,5	870	-	-	731	690	-	-	-	1601	1560	-	18,00	-	-	44,00	50,00	-	-	-	62,00	68,00	-
SP 660-06	11,0	15,0	990	-	-	776	730	-	-	-	1766	1720	-	20,00	-	-	48,00	56,00	-	-	-	68,00	76,00	-
SP 660-07	13,0	17,5	1110	-	-	826	780	-	-	-	1936	1890	-	22,00	-	-	54,00	60,00	-	-	-	76,00	82,00	-
SP 660-08	15,0	20,0	1230	-	-	876	830	-	-	-	2106	2060	-	24,00	-	-	58,00	66,00	-	-	-	82,00	90,00	-
SP 660-09	18,5	25,0	1287	-	-	876	880	-	-	-	2163	2167	-	26,00	-	-	58,00	72,00	-	-	-	84,00	98,00	-
SP 660-10	18,5	25,0	1470	-	-	876	880	-	-	-	2346	2350	-	28,00	-	-	58,00	72,00	-	-	-	86,00	100,00	-
SP 660-11	22,0	30,0	1513	-	-	876	980	930	-	-	2389	2493	2443	30,00	-	-	58,00	82,00	121,00	-	-	88,00	112,00	151,00
SP 660-12	22,0	30,0	1710	-	-	876	980	930	-	-	2586	2690	2640	32,00	-	-	58,00	82,00	121,00	-	-	90,00	114,00	153,00
SP 660-13	26,0	35,0	1830	-	-	-	1030	-	-	-	-	2860	-	34,00	-	-	-	88,00	-	-	-	-	122,00	-
SP 660-14	26,0	35,0	1950	-	-	-	1030	-	-	-	-	2980	-	36,00	-	-	-	88,00	-	-	-	-	124,00	-
SP 660-15	26,0	35,0	2070	-	-	-	1030	-	-	-	-	3100	-	38,00	-	-	-	88,00	-	-	-	-	126,00	-
SP 660-16	30,0	40,0	2190	-	-	-	1110	1020	-	-	-	3300	3210	42,00	-	-	-	98,00	137,00	-	-	-	140,00	179,00
SP 660-17	30,0	40,0	2310	-	-	-	1110	1020	-	-	-	3420	3330	47,00	-	-	-	98,00	137,00	-	-	-	145,00	184,00
SP 660-18	37,0	50,0	2430	-	-	-	1190	1050	-	-	-	3620	3480	49,00	-	-	-	106,00	143,00	-	-	-	155,00	192,00
SP 660-19	37,0	50,0	2550	-	-	-	1190	1050	-	-	-	3740	3600	51,00	-	-	-	106,00	143,00	-	-	-	157,00	194,00
SP 660-20	37,0	50,0	2670	-	-	-	1190	1050	-	-	-	3860	3720	53,00	-	-	-	106,00	143,00	-	-	-	159,00	196,00
SP 660-21	37,0	50,0	2790	-	-	-	1190	1050	-	-	-	3980	3840	61,00	-	-	-	106,00	143,00	-	-	-	167,00	204,00
SP 660-22	45,0	60,0	2830	-	-	-	1270	1130	-	-	-	4100	3960	62,00	-	-	-	116,00	158,00	-	-	-	178,00	220,00
SP 660-24	45,0	60,0	3150	-	-	-	1270	1130	-	-	-	4420	4280	63,00	-	-	-	116,00	158,00	-	-	-	179,00	221,00
SP 660-26	55,0	75,0	3390	-	-	-	-	1210	-	-	-	-	4600	68,00	-	-	-	-	181,00	-	-	-	-	249,00
SP 660-28	55,0	75,0	3510	-	-	-	-	1210	-	-	-	-	4720	70,00	-	-	-	-	181,00	-	-	-	-	251,00
SP 660-30	55,0	75,0	3630	-	-	-	-	1210	-	-	-	-	4840	72,00	-	-	-	-	181,00	-	-	-	-	253,00



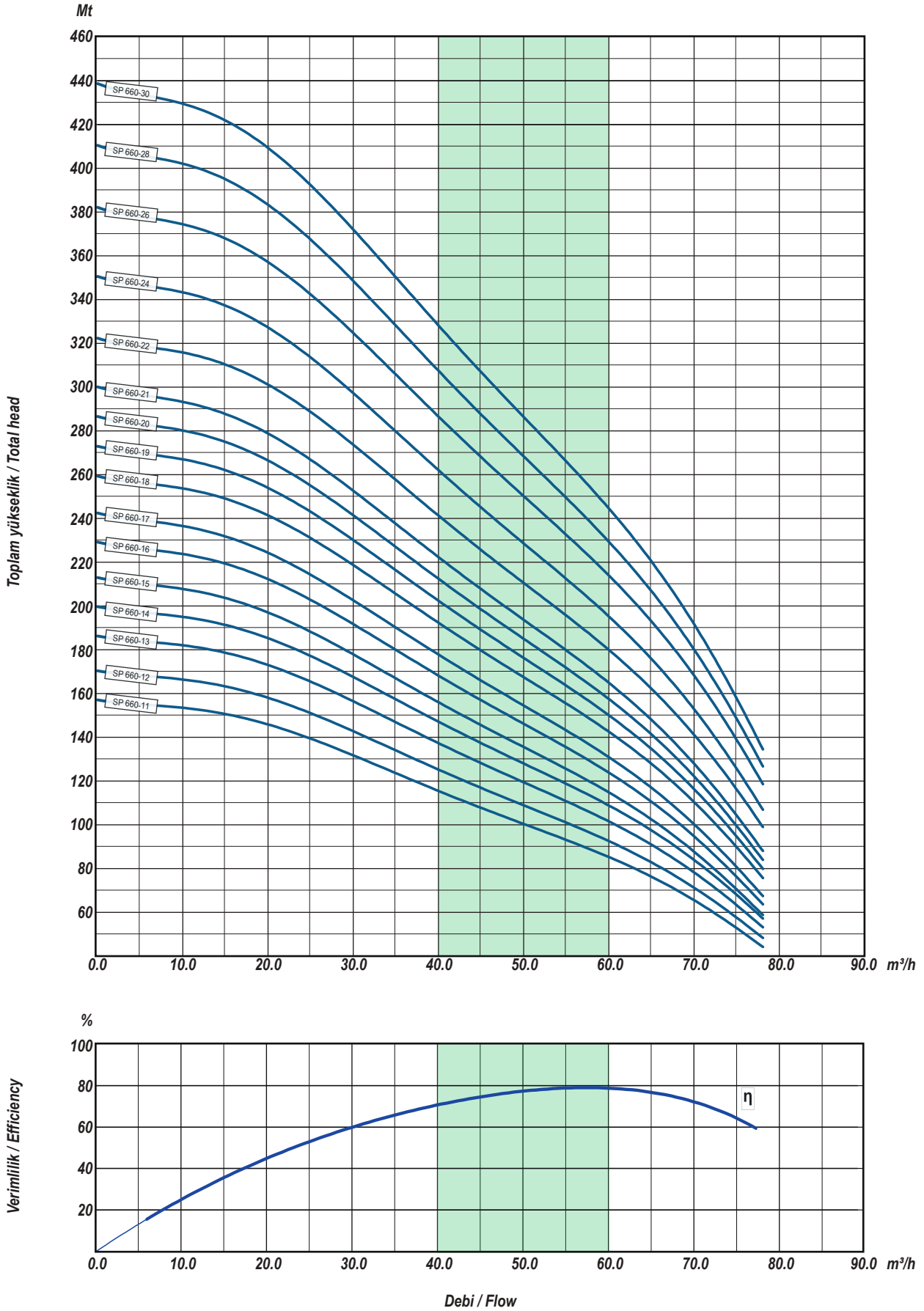
Hidrolik Performans Tablosu 50 Hz/ Table of Hydraulic Performance at 50 Hz

Pompa Modeli (Pump Model)	Çıkış Gücü (Output Power)		Q= Debi / Flow											
	kW	Hp	(m³/h)	0,00	20,00	40,00	50,00	60,00	70,00	78,00				
			(l/sec)	0,00	5,55	11,11	13,88	16,66	19,44	21,66				
SP 660-01	2,2	3,0	MSS / MPH	13	13	9	8	7	4	1				
SP 660-02	4,0	5,5		28	26	19	17	15	10	5				
SP 660-03	5,5	7,5		42	39	30	26	23	16	10				
SP 660-04	7,5	10,0		56	52	41	35	31	22	14				
SP 660-05	9,2	12,5		71	66	51	44	39	28	18				
SP 660-06	11,0	15,0		81	79	62	54	46	34	22				
SP 660-07	13,0	17,5		100	92	73	63	54	40	26				
SP 660-08	15,0	20,0		114	106	84	73	62	46	30				
SP 660-09	18,5	25,0		130	120	96	83	71	54	36				
SP 660-10	18,5	25,0		143	133	105	92	78	60	41				
SP 660-11	22,0	30,0		158	147	116	102	86	67	45				
SP 660-12	22,0	30,0		172	159	126	110	94	72	50				
SP 660-13	26,0	35,0		188	174	138	120	102	79	55				
SP 660-14	26,0	35,0		200	186	148	130	110	85	58				
SP 660-15	26,0	35,0		217	198	156	137	115	89	60				
SP 660-16	30,0	40,0		230	212	169	147	125	95	65				
SP 660-17	30,0	40,0		242	222	178	155	132	110	68				
SP 660-18	37,0	50,0		260	242	193	168	143	110	77				
SP 660-19	37,0	50,0		272	255	203	177	151	117	80				
SP 660-20	37,0	50,0		287	267	212	185	158	122	85				
SP 660-21	37,0	50,0		300	280	222	194	165	128	90				
SP 660-22	45,0	60,0		322	302	242	211	180	142	100				
SP 660-24	45,0	60,0		350	327	262	229	195	154	107				
SP 660-26	55,0	75,0		382	358	287	250	215	168	120				
SP 660-28	55,0	75,0		410	384	308	268	230	180	128				
SP 660-30	55,0	75,0		440	410	328	285	245	192	135				

Performans Eğrileri 50 Hz/ Performance Curves at 50 Hz

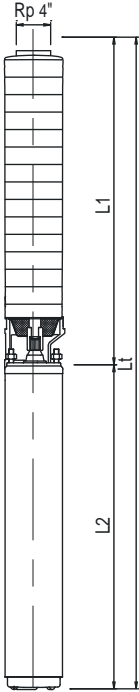
MEI $\geq 0,40$ 

MEI ≥ 0,40



Teknik Bilgiler (4" - 5" - 6" - 8" ULUSU Motor) / Technical Data (4" - 5" - 6" - 8" ULUSU Motor)

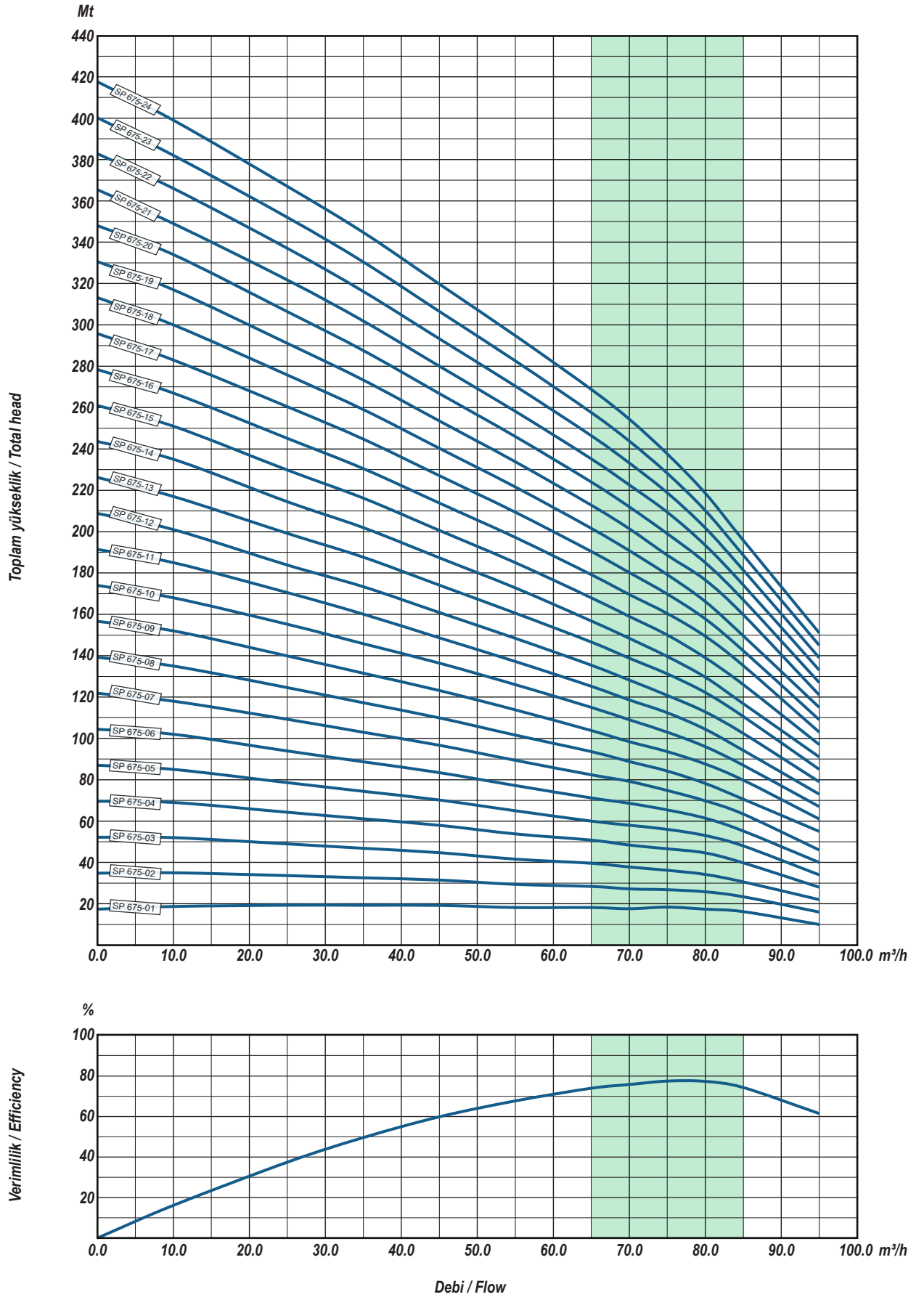
Pompa Modeli (Pump Model)	Motor		Boyutlar / Dimensions (mm)										Ağırlık / Weight (kg)											
	kW	Hp	L1	L2					Lt					Pompa Pump	Motor					Toplam/ Total				
				UP 4"	LP 4"	UP 5"	UP 6"	UP 8"	UP 4"	LP 4"	UP 5"	UP 6"	UP 8"		UP 4"	LP 4"	UP 5"	UP 6"	UP 8"	UP 4"	LP 4"	UP 5"	UP 6"	UP 8"
SP 675-01	3,0	4,0	440	600	556	-	-	-	1040	996				11,00	17,90	14,80	-	-	-	28,90	25,80	-	-	-
SP 675-02	5,5	7,5	580	775	635	636	630	-	1355	1215	1216	1210	1210	14,00	25,00	19,90	38,00	46,00	-	39,00	33,90	52,00	60,00	-
SP 675-03	7,5	10,0	720	862	775	681	650	-	1582	1495	1401	137a0	137a0	17,00	29,40	25,00	42,00	48,00	-	46,40	42,00	59,00	65,00	-
SP 675-04	11,0	15,0	860	-	-	776	730	-	-	-	1636	1590	1590	20,00	-	-	48,00	56,00	-	-	-	68,00	76,00	-
SP 675-05	13,0	17,5	1000	-	-	826	780	-	-	-	1826	1780	1780	23,00	-	-	54,00	60,00	-	-	-	77,00	83,00	-
SP 675-06	15,0	20,0	1140	-	-	876	830	-	-	-	2016	1970	1970	26,00	-	-	58,00	66,00	-	-	-	84,00	92,00	-
SP 675-07	18,5	25,0	1280	-	-	876	880	-	-	-	2156	2160	2160	29,00	-	-	58,00	72,00	-	-	-	87,00	101,00	-
SP 675-08	18,5	25,0	1420	-	-	876	880	-	-	-	2296	2300	2300	32,00	-	-	58,00	72,00	-	-	-	90,00	104,00	-
SP 675-09	22,0	30,0	1560	-	-	876	980	930	-	-	2436	2540	2540	35,00	-	-	58,00	82,00	121,00	-	-	93,00	117,00	156,00
SP 675-10	26,0	35,0	1700	-	-	-	1030	-	-	-	-	2730	2730	38,00	-	-	-	88,00	-	-	-	-	126,00	-
SP 675-11	30,0	40,0	1840	-	-	-	1030	-	-	-	-	2870	2870	41,00	-	-	-	88,00	-	-	-	-	129,00	-
SP 675-12	30,0	40,0	1980	-	-	-	1110	1020	-	-	-	3090	3090	44,00	-	-	-	98,00	137,00	-	-	-	142,00	181,00
SP 675-13	37,0	50,0	2130	-	-	-	1110	1020	-	-	-	3240	3240	47,00	-	-	-	98,00	137,00	-	-	-	145,00	184,00
SP 675-14	37,0	50,0	2270	-	-	-	1190	1050	-	-	-	3460	3460	50,00	-	-	-	106,00	143,00	-	-	-	156,00	193,00
SP 675-15	37,0	50,0	2410	-	-	-	1190	1050	-	-	-	3600	3600	53,00	-	-	-	106,00	143,00	-	-	-	159,00	196,00
SP 675-16	45,0	60,0	2550	-	-	-	1190	1050	-	-	-	3740	3740	56,00	-	-	-	106,00	143,00	-	-	-	162,00	199,00
SP 675-17	45,0	60,0	2690	-	-	-	1270	1130	-	-	-	3960	3960	59,00	-	-	-	116,00	158,00	-	-	-	175,00	217,00
SP 675-18	45,0	60,0	2830	-	-	-	1270	1130	-	-	-	4100	4100	62,00	-	-	-	116,00	158,00	-	-	-	178,00	220,00
SP 675-19	52,0	70,0	2970	-	-	-	1270	1130	-	-	-	4240	4240	65,00	-	-	-	116,00	158,00	-	-	-	181,00	223,00
SP 675-20	52,0	70,0	3110	-	-	-	-	1180	-	-	-	-	-	68,00	-	-	-	-	174,00	-	-	-	68,00	242,00
SP 675-21	52,0	70,0	3250	-	-	-	-	1180	-	-	-	-	-	71,00	-	-	-	-	174,00	-	-	-	-	245,00
SP 675-22	55,0	75,0	3390	-	-	-	-	1180	-	-	-	-	-	74,00	-	-	-	-	174,00	-	-	-	-	248,00
SP 675-23	60,0	80,0	3530	-	-	-	-	1210	-	-	-	-	-	77,00	-	-	-	-	181,00	-	-	-	-	258,00
SP 675-24	60,0	80,0	3670	-	-	-	-	1210	-	-	-	-	-	80,00	-	-	-	-	181,00	-	-	-	-	261,00



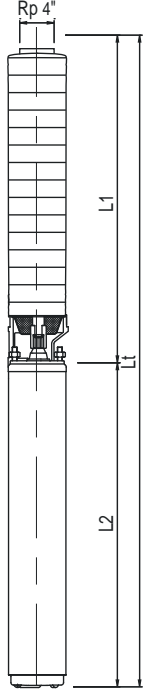
Hidrolik Performans Tablosu 50 Hz/ Table of Hydraulic Performance at 50 Hz

Pompa Modeli (Pump Model)	Çıkış Gücü (Output Power)		Q= Debi / Flow											
	kW	Hp	(m³/h)	0,00	55,00	70,00	75,00	80,00	85,00	95,00				
			(l/sec)	0,00	15,28	19,44	20,83	22,22	23,61	26,39				
SP 675-01	3,0	4,0	MSS / MPH	17	11	9	8	7	7	5				
SP 675-02	5,5	7,5		32	21	18	16	14	13	9				
SP 675-03	7,5	10,0		50	31	28	26	21	19	14				
SP 675-04	11,0	15,0		66	42	38	33	29	27	18				
SP 675-05	13,0	17,5		81	52	47	42	36	34	22				
SP 675-06	15,0	20,0		98	63	57	51	44	41	27				
SP 675-07	18,5	25,0		114	73	67	59	51	48	31				
SP 675-08	18,5	25,0		131	84	76	68	59	55	36				
SP 675-09	22,0	30,0		147	94	86	76	66	62	40				
SP 675-10	26,0	35,0		163	105	96	85	74	69	44				
SP 675-11	30,0	40,0		180	115	106	93	81	76	49				
SP 675-12	30,0	40,0		196	126	115	102	89	83	53				
SP 675-13	37,0	50,0		212	136	125	110	96	90	58				
SP 675-14	37,0	50,0		228	147	135	119	104	97	62				
SP 675-15	37,0	50,0		245	157	144	127	111	104	66				
SP 675-16	45,0	60,0		261	168	154	136	119	111	71				
SP 675-17	45,0	60,0		277	178	164	144	126	118	75				
SP 675-18	45,0	60,0		294	189	173	153	134	125	80				
SP 675-19	52,0	70,0		310	199	183	161	141	132	84				
SP 675-20	52,0	70,0		326	210	193	170	149	139	88				
SP 675-21	52,0	70,0		343	220	203	178	156	146	93				
SP 675-22	55,0	75,0		359	231	212	187	164	153	97				
SP 675-23	60,0	80,0		375	241	222	195	171	160	102				
SP 675-24	60,0	80,0		391	252	232	204	179	167	106				

Performans Eğrileri 50 Hz/ Performance Curves at 50 Hz

MEI $\geq 0,40$ 

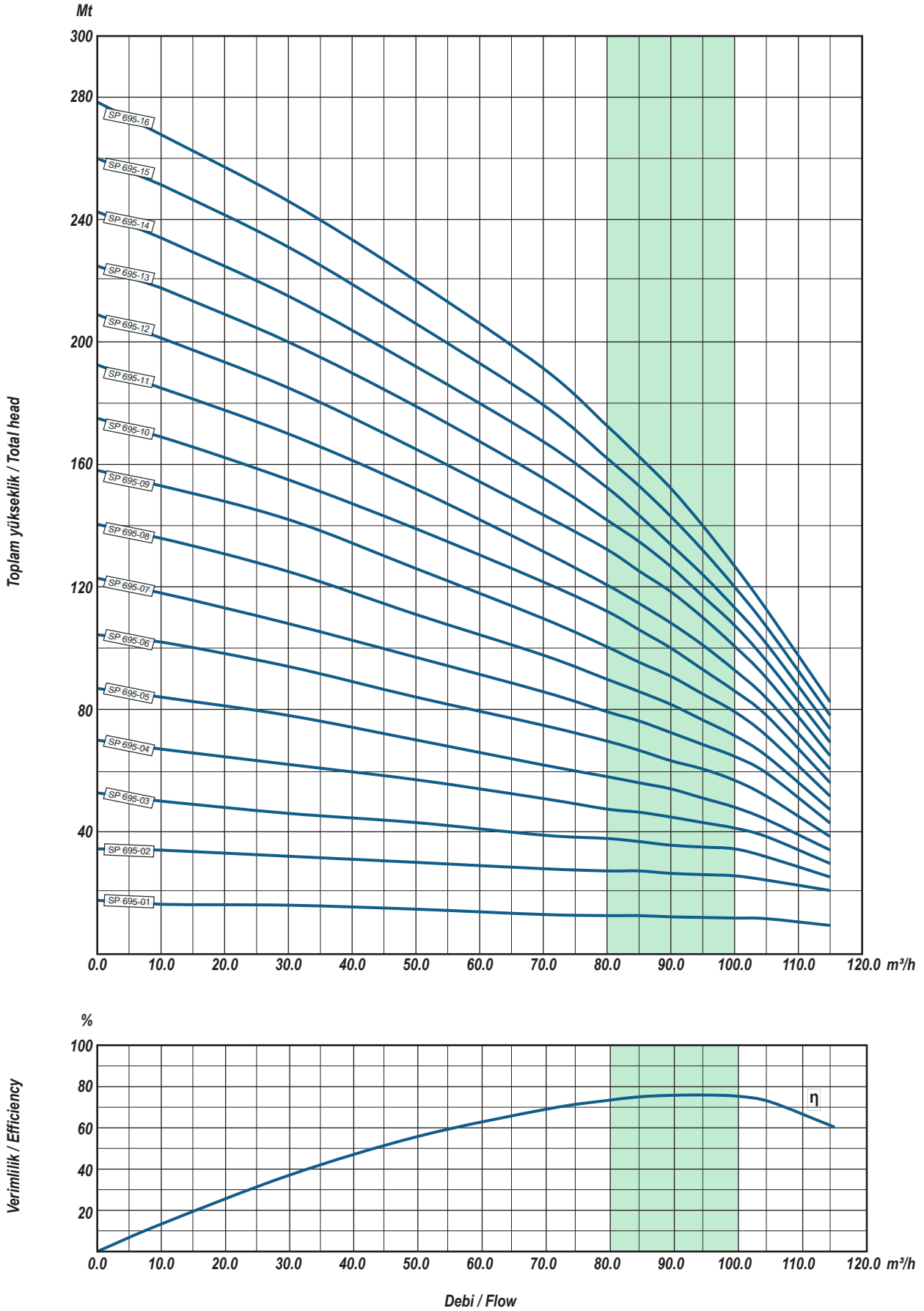
Pompa Modeli (Pump Model)	Motor		Boyutlar / Dimensions (mm)											Ağırlık / Weight (kg)										
	kW	Hp	L1	L2					Lt					Pompa Pump	Motor					Toplam/ Total				
				UP 4"	LP 4"	UP 5"	UP 6"	UP 8"	UP 4"	LP 4"	UP 5"	UP 6"	UP 8"		UP 4"	LP 4"	UP 5"	UP 6"	UP 8"	UP 4"	LP 4"	UP 5"	UP 6"	UP 8"
SP 695-01	4,0	5,5	440	600	556	-	-	-	1040	996	-	-	-	11,00	17,90	14,80	-	-	-	28,90	25,80	-	-	-
SP 695-02	7,5	10,0	580	775	635	636	630	-	1355	1215	1216	1210	-	14,00	25,00	19,90	38,00	46,00	-	39,00	33,90	52,00	60,00	-
SP 695-03	11,0	15,0	720	-	-	731	690	-	-	-	1451	1410	-	17,00	-	-	44,00	50,00	-	-	-	61,00	67,00	-
SP 695-04	15,0	20,0	860	-	-	776	730	-	-	-	1636	1590	-	20,00	-	-	48,00	56,00	-	-	-	68,00	76,00	-
SP 695-05	18,5	25,0	1000	-	-	826	780	-	-	-	1826	1780	-	23,00	-	-	54,00	60,00	-	-	-	77,00	83,00	-
SP 695-06	22,0	30,0	1140	-	-	876	880	-	-	-	2016	2020	-	26,00	-	-	58,00	72,00	-	-	-	84,00	98,00	-
SP 695-07	26,0	35,0	1280	-	-	876	980	930	-	-	2156	2260	2210	29,00	-	-	58,00	82,00	121,00	-	-	-	111,00	150,00
SP 695-08	30,0	40,0	1420	-	-	-	1030	-	-	-	2450	-	-	32,00	-	-	-	88,00	-	-	-	-	120,00	-
SP 695-09	37,0	50,0	1560	-	-	-	1110	1020	-	-	-	2670	2580	35,00	-	-	-	98,00	137,00	-	-	-	133,00	172,00
SP 695-10	37,0	50,0	1700	-	-	-	1190	1050	-	-	-	2890	2750	38,00	-	-	-	106,00	143,00	-	-	-	144,00	181,00
SP 695-11	45,0	60,0	1840	-	-	-	1190	1050	-	-	-	3030	2890	41,00	-	-	-	106,00	143,00	-	-	-	147,00	184,00
SP 695-12	45,0	60,0	1980	-	-	-	1270	1130	-	-	-	3250	3110	44,00	-	-	-	116,00	158,00	-	-	-	160,00	202,00
SP 695-13	52,0	70,0	2130	-	-	-	1270	1130	-	-	-	3400	3260	47,00	-	-	-	116,00	158,00	-	-	-	163,00	205,00
SP 695-14	52,0	70,0	2270	-	-	-	1270	1130	-	-	-	3540	3400	50,00	-	-	-	116,00	158,00	-	-	-	166,00	208,00
SP 695-15	55,0	75,0	2410	-	-	-	-	1180	-	-	-	-	3590	53,00	-	-	-	-	174,00	-	-	-	-	227,00
SP 695-16	60,0	80,0	2550	-	-	-	-	1180	-	-	-	-	3730	56,00	-	-	-	-	174,00	-	-	-	-	230,00



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

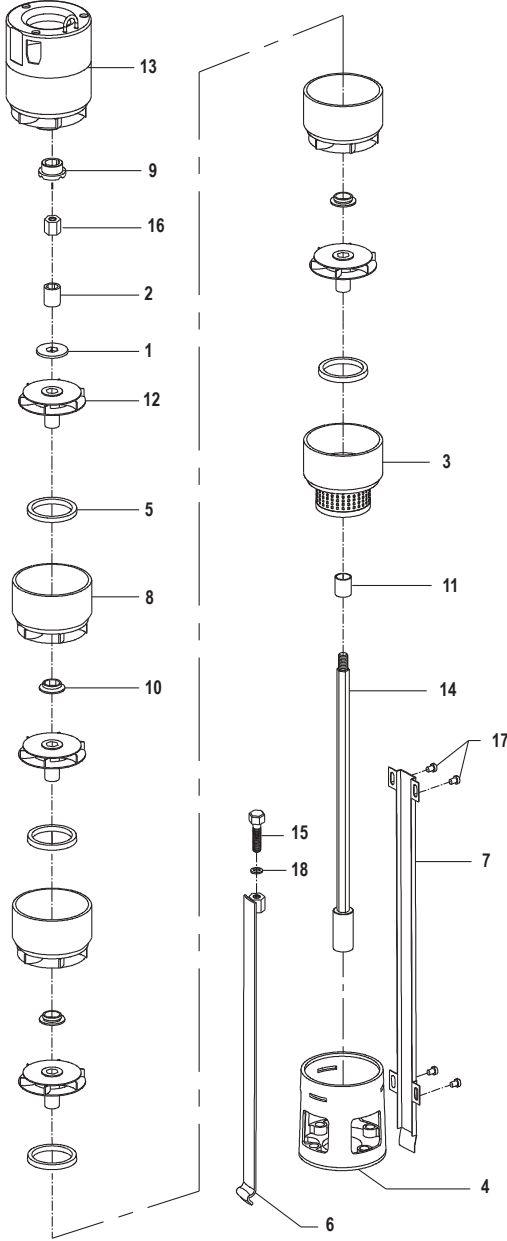
Pompa Modeli (Pump Model)	Çıkış Gücü (Output Power)		Q= Debi / Flow											
	kW	Hp	(m³/h)	0,00	80,00	90,00	95,00	100,0	105,0	115,0				
			(l/sec)	0,00	22,22	25,00	26,39	27,78	29,17	31,94				
SP 695-01	4,0	5,5	MSS / MPH	16	11	10	9	9	8	6				
SP 695-02	7,5	10,0		32	21	19	19	17	17	14				
SP 695-03	11,0	15,0		46	32	29	28	26	26	20				
SP 695-04	15,0	20,0		62	43	39	38	35	34	27				
SP 695-05	18,5	25,0		78	54	49	47	44	42	33				
SP 695-06	22,0	30,0		93	65	59	56	53	51	39				
SP 695-07	26,0	35,0		108	76	69	65	62	59	46				
SP 695-08	30,0	40,0		124	87	79	74	71	67	52				
SP 695-09	37,0	50,0		139	98	89	83	80	75	58				
SP 695-10	37,0	50,0		155	109	99	92	89	84	64				
SP 695-11	45,0	60,0		170	120	109	101	98	92	71				
SP 695-12	45,0	60,0		185	131	119	110	107	100	77				
SP 695-13	52,0	70,0		201	142	129	119	116	109	83				
SP 695-14	52,0	70,0		216	153	139	128	125	117	90				
SP 695-15	55,0	75,0		232	164	149	137	134	125	96				
SP 695-16	60,0	80,0		247	175	159	146	143	134	102				

MEI ≥ 0,40



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

30 Kademeye Kadar/ Below 30 Stages



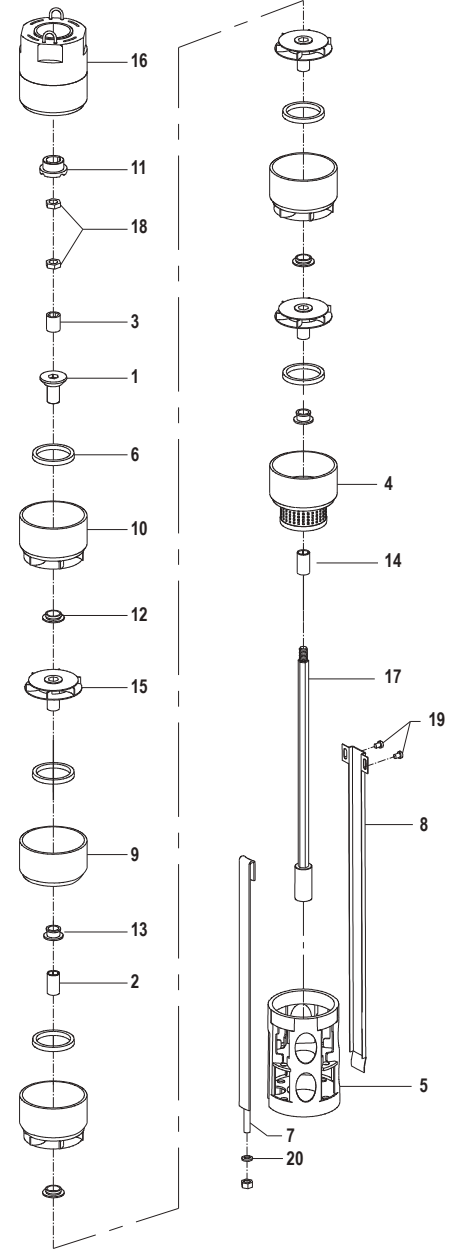
Referans Numarası	Açıklama	Malzeme Yapısı
1	Kabartma Rondelası	Paslanmaz Çelik (AISI 304)
2	Kol	Paslanmaz Çelik (AISI 304)
3	Hazne - Giriş Ağızı	Paslanmaz Çelik (AISI 304)
4	Emiş Ara Bağlantısı	Paslanmaz Çelik (AISI 304)
5	Aşınma Bileziği	Lastik
6	Askı Kilitleme	Paslanmaz Çelik (AISI 304)
7	Kablo Koruyucu	Paslanmaz Çelik (AISI 304)
8	Difüzör	Paslanmaz Çelik (AISI 304)
9	Burç	Paslanmaz Çelik (AISI 304)
10	Burç - Difüzör Halkası	Lastik
11	Ara Kelepçe	Paslanmaz Çelik (AISI 304)
12	Fan	Paslanmaz Çelik (AISI 304)
13	Çekvalf Kontrol Yuvası	Paslanmaz Çelik (AISI 304)
14	Pompa Mili	Paslanmaz Çelik (AISI 304)
15	Cıvata	Paslanmaz Çelik (AISI 304)
16	Kilitleme Somunu	Paslanmaz Çelik (AISI 304)
17	Vida	Paslanmaz Çelik (AISI 304)
18	Rondela	Paslanmaz Çelik (AISI 304)

Reference Number	Description	Material
1	Uphrust Washer	Stainless Steel (AISI 304)
2	Sleeve	Stainless Steel (AISI 304)
3	Chamber - Inlet Screen	Stainless Steel (AISI 304)
4	Suction Inter - Connector	Stainless Steel (AISI 304)
5	Wearing Ring	Rubber
6	Locking Straps	Stainless Steel (AISI 304)
7	Cable Guard	Stainless Steel (AISI 304)
8	Diffuser Chamber	Stainless Steel (AISI 304)
9	Bush - Ct Pad	Stainless Steel (AISI 304)
10	Bush - Diffuser Chamber	Rubber
11	Spacer Sleeve	Stainless Steel (AISI 304)
12	Impeller	Stainless Steel (AISI 304)
13	Check Valve Housing	Stainless Steel (AISI 304)
14	Pump Shaft	Stainless Steel (AISI 304)
15	Bolt	Stainless Steel (AISI 304)
16	Lock Nut	Stainless Steel (AISI 304)
17	Screw	Stainless Steel (AISI 304)
18	Washer	Stainless Steel (AISI 304)

Referans Numarası	Açıklama	Malzeme Yapısı
1	Kabartma Rondelası	Paslanmaz Çelik (AISI 304)
2	Kol Kelepçesi	Paslanmaz Çelik (AISI 304)
3	Kol	Paslanmaz Çelik (AISI 304)
4	Hazne - Giriş Ağzı	Paslanmaz Çelik (AISI 304)
5	Emiş Ara Bağlantısı	Paslanmaz Çelik (AISI 304)
6	Aşınma Bileziği	Lastik
7	Askı Kilitleme	Paslanmaz Çelik (AISI 304)
8	Kablo Korumucu	Paslanmaz Çelik (AISI 304)
9	Kelepçe Yuvası	Paslanmaz Çelik (AISI 304)
10	Difüzör	Paslanmaz Çelik (AISI 304)
11	Burç	Paslanmaz Çelik (AISI 304)
12	Burç - Difüzör Halkası	Lastik
13	Burç Kelepçesi	Paslanmaz Çelik (AISI 304)
14	Ara Kelepçe	Paslanmaz Çelik (AISI 304)
15	Fan	Paslanmaz Çelik (AISI 304)
16	Çekvalf Kontrol Yuvası	Paslanmaz Çelik (AISI 304)
17	Pompa Mili	Paslanmaz Çelik (AISI 304)
18	Kilitleme Somunu	Paslanmaz Çelik (AISI 304)
19	Vida	Paslanmaz Çelik (AISI 304)
20	Rondela	Paslanmaz Çelik (AISI 304)

Reference Number	Description	Material
1	Upthrust Washer	Stainless Steel (AISI 304)
2	Sleeve - Bracket	Stainless Steel (AISI 304)
3	Sleeve	Stainless Steel (AISI 304)
4	Chamber - Inlet Screen	Stainless Steel (AISI 304)
5	Suction Inter - Connector	Stainless Steel (AISI 304)
6	Wearing Ring	Rubber
7	Locking Straps	Stainless Steel (AISI 304)
8	Cable Guard	Stainless Steel (AISI 304)
9	Chamber - Bracket	Stainless Steel (AISI 304)
10	Diffuser Chamber	Stainless Steel (AISI 304)
11	Bush - Ct Pad	Stainless Steel (AISI 304)
12	Bush - Diffuser Chamber	Rubber
13	Bush - Bracket	Stainless Steel (AISI 304)
14	Spacer Sleeve	Stainless Steel (AISI 304)
15	Impeller	Stainless Steel (AISI 304)
16	Check Valve Housing	Stainless Steel (AISI 304)
17	Pump Shaft	Stainless Steel (AISI 304)
18	Lock Nut	Stainless Steel (AISI 304)
19	Screw	Stainless Steel (AISI 304)
20	Washer	Stainless Steel (AISI 304)

30 ve Üstü Kademeler/ 30 and Above Stages





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