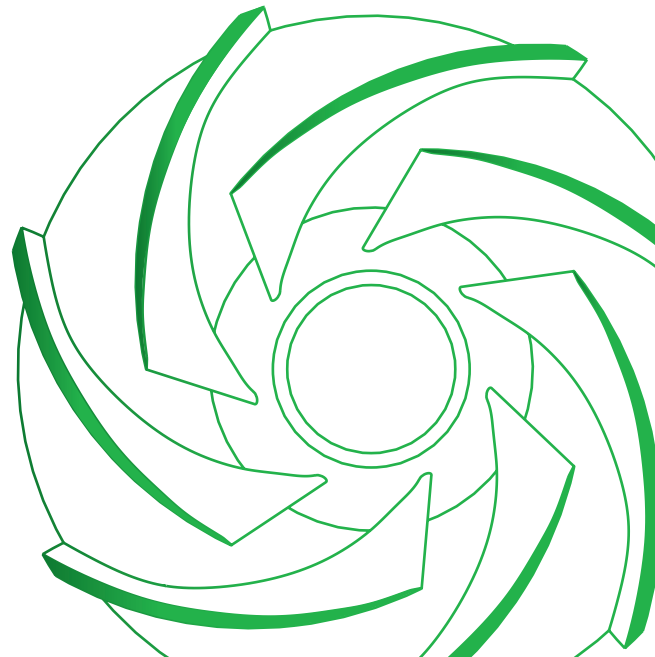


6" SP SERİSİ / 6" SP SERIES

**TEKNİK KATALOG
TECHNICAL CATALOG**





Temiz Su
Clean water



Eysel Alan
Domestic use



Kamusal Alan
Civil use



Endüstriyel Alan
Industrial use



Tarımsal Alan
Agriculture use



6" SP SERİSİ 6" SP SERIES



Uygulamalar

Şebeke suları, kuyu suları ve atık sular
 Basıncılı su sistemleri ve dağıtımı
 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 120 m³/h Yükseklik: 50 Hz'de en fazla 671 m Kullanılacak Sıvı: Kimyasal olmayan aşındırıcı özellikte olmayan sular Su sıcaklığı aralığı: 0 °C ile 50 °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 serisi için 2½" SP 624-630-636-646 serileri için 3" SP 660-675-695 serileri için 4"

Dönüş yönü: Tepeden bakıldığında saat yönünün tersine Pompa dikey veya yatay pozisyonda sürekli çalışabilir

Pump Specification

Flow: up to 120 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 50 °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 617, 3" for SP 624-630-636-646, 4" for SP 660-675-695

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

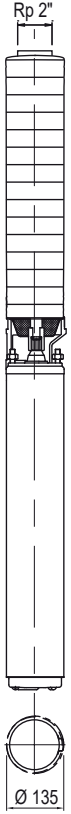
Pompa Tanımlama Kodu/ Pump Identification Code

SP 660 / 10

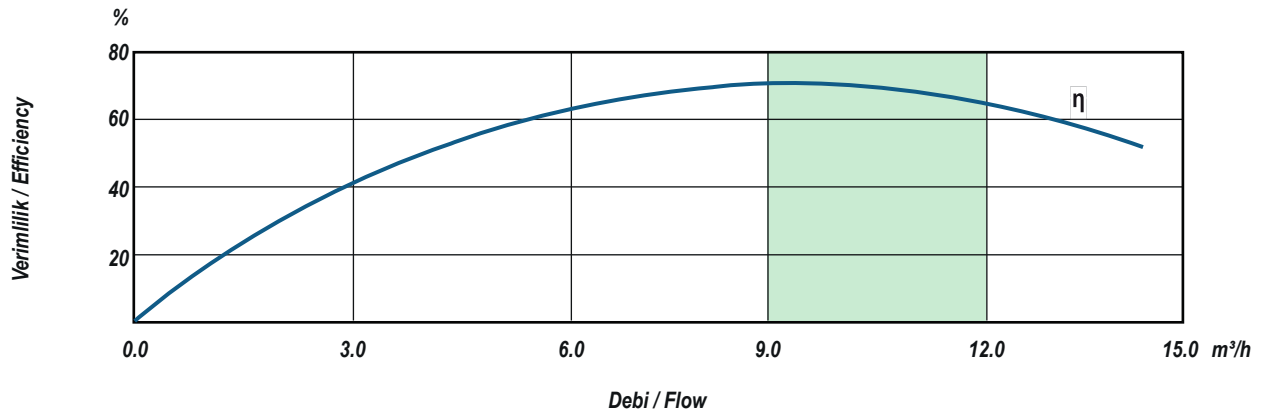
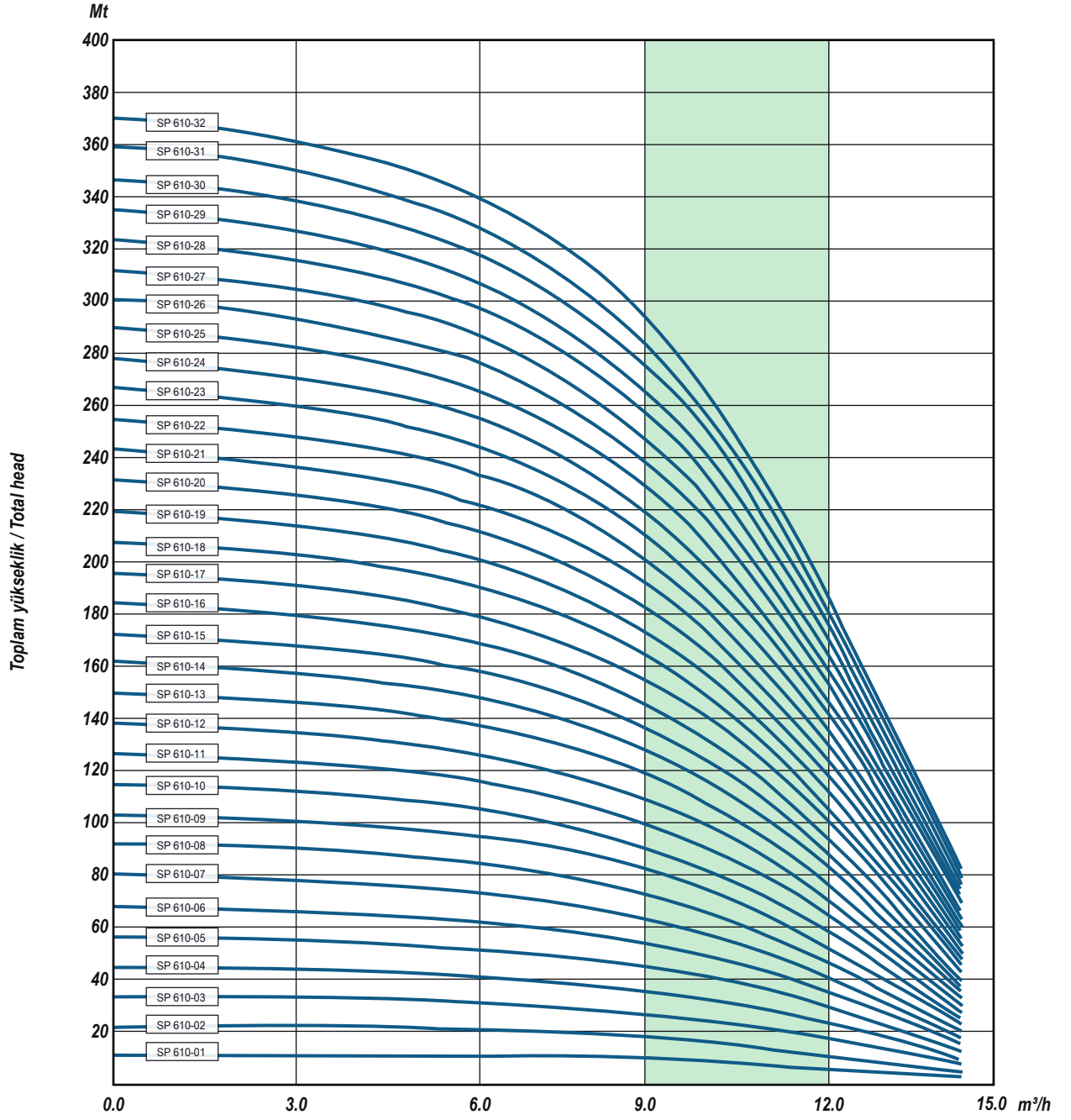
Pompa Kademe Sayısı / Number of stages
 Serisi / Series
 Pompa modeli / Pump model

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

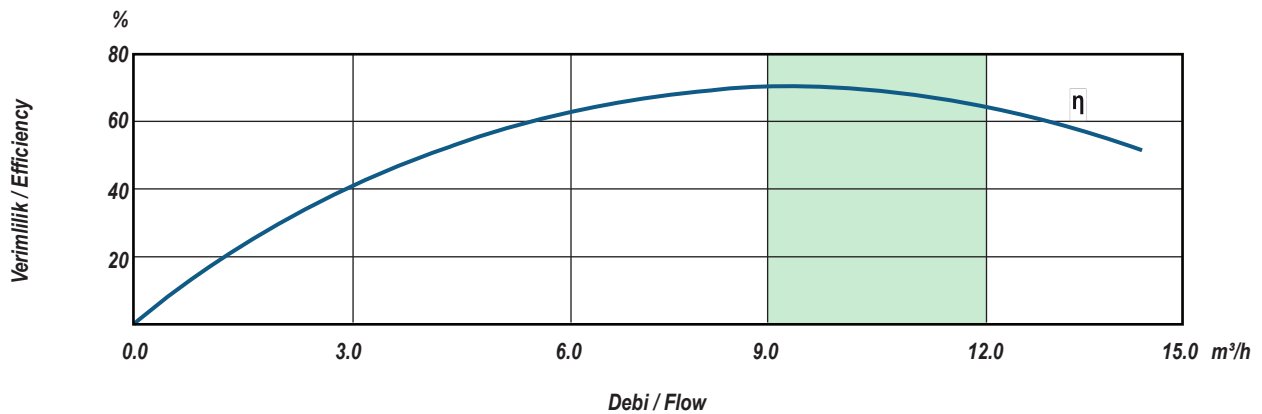
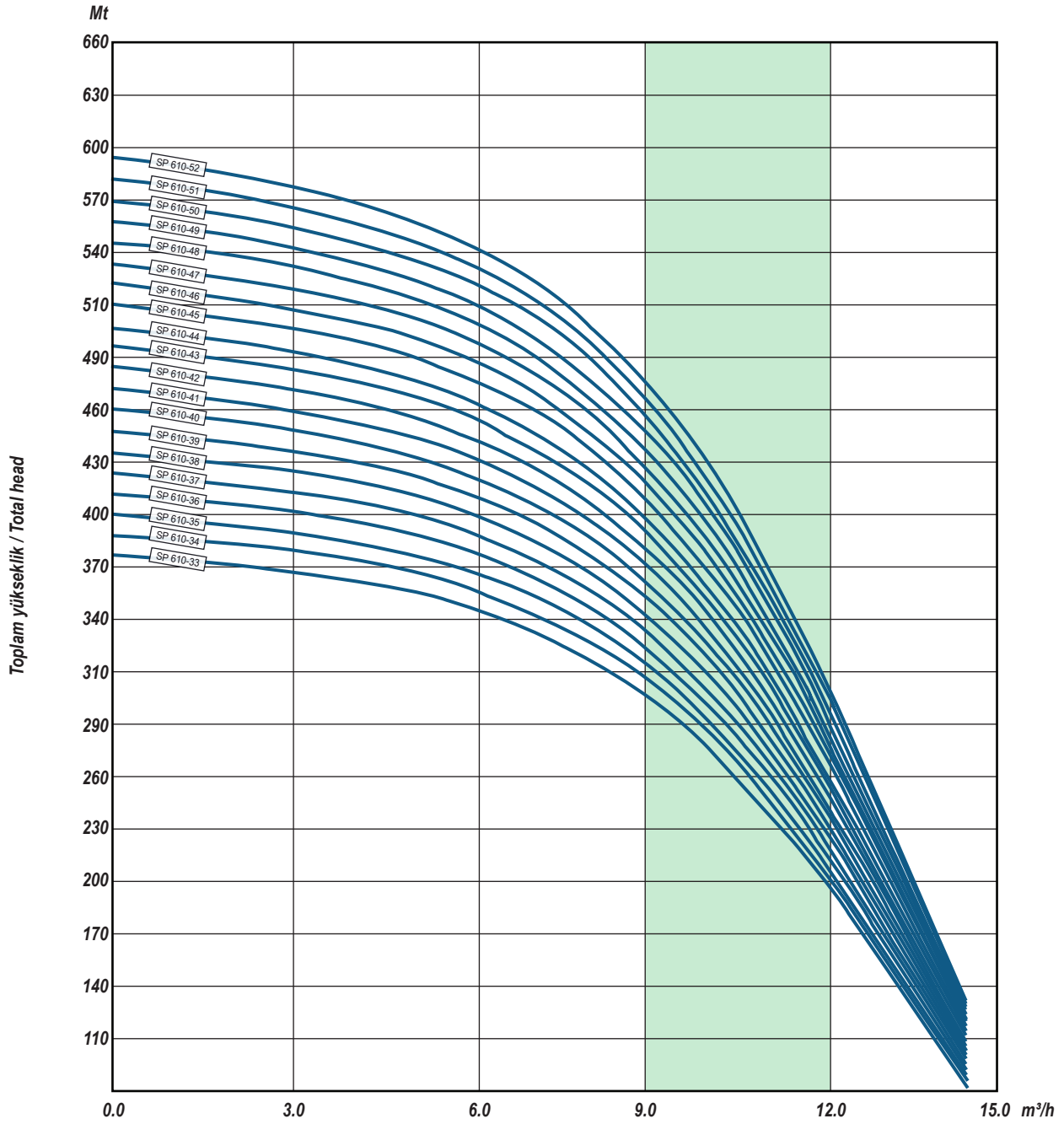
Pompa Modeli (Pump Model)	Çıkış Gücü (Output Power)		Q= Debi / Flow										Uzunluk (Length)	Ağırlık (Weight)
	kW	Hp	(m³/h)	0	3,00	6,00	9,00	12,00						
			(l/sec)	0,0	0,80	1,60	2,50	3,30						
SP 610-01	0,55	0,75	MSS / MPH	11	9	10	9	5					417	7
SP 610-02	0,75	1,0		22	21	20	18	12					472	8
SP 610-03	1,1	1,5		35	32	31	28	19					527	10
SP 610-04	1,5	2,0		47	45	40	38	25					582	11
SP 610-05	2,2	3,0		58	55	51	47	30					637	13
SP 610-06	2,2	3,0		69	66	62	55	38					692	14
SP 610-07	3,0	4,0		80	78	72	62	42					747	16
SP 610-08	3,0	4,0		92	90	85	72	50					802	17
SP 610-09	4,0	5,5		105	101	97	82	55					857	19
SP 610-10	4,0	5,5		116	111	107	90	60					912	20
SP 610-11	4,0	5,5		128	120	117	100	68					967	22
SP 610-12	5,5	7,5		137	133	126	110	71					1022	23
SP 610-13	5,5	7,5		150	145	138	119	80					1077	25
SP 610-14	5,5	7,5		161	157	147	128	85					1132	26
SP 610-15	5,5	7,5		172	167	159	137	90					1187	28
SP 610-16	7,5	10,0		182	180	170	145	97					1287	29
SP 610-17	7,5	10,0		195	191	180	155	102					1342	31
SP 610-18	7,5	10,0		208	202	190	165	110					1397	32
SP 610-19	7,5	10,0		219	212	201	172	115					1452	34
SP 610-20	7,5	10,0		230	225	212	181	120					1507	35
SP 610-21	7,5	10,0		241	236	221	190	130					1562	37
SP 610-22	7,5	10,0		252	248	232	200	133					1617	38
SP 610-23	9,2	12,5		262	260	245	230	140					1672	40
SP 610-24	9,2	12,5		274	270	255	235	145					1727	41
SP 610-25	9,2	12,5		289	280	265	235	150					1782	43
SP 610-26	9,2	12,5		298	291	277	238	158					1837	44
SP 610-27	9,2	12,5		310	303	288	247	160					1832	46
SP 610-28	11,0	15,0		321	313	297	258	170					1947	47
SP 610-29	11,0	15,0		332	325	308	265	175					2002	49
SP 610-30	11,0	15,0		344	336	317	275	180					2057	50
SP 610-31	11,0	15,0		357	348	328	280	185					2157	52
SP 610-32	11,0	15,0		368	360	340	290	190					2212	53
SP 610-33	13,0	17,5		380	371	350	300	200					2267	55
SP 610-34	13,0	17,5		390	382	361	310	207					2322	56
SP 610-35	13,0	17,5		401	391	371	320	211					2377	58
SP 610-36	13,0	17,5		412	402	381	330	214					2432	59
SP 610-37	13,0	17,5		424	413	390	338	220					2487	61
SP 610-38	13,0	17,5		435	425	402	348	225					2542	62
SP 610-39	15,0	20,0		447	438	412	357	239					2597	63
SP 610-40	15,0	20,0		459	447	421	365	241					2970	79
SP 610-41	15,0	20,0		470	458	432	375	250					3040	80
SP 610-42	15,0	20,0		481	470	442	382	255					3110	82
SP 610-43	15,0	20,0		492	480	453	390	260					3180	84
SP 610-44	15,0	20,0		502	490	462	400	263					3240	86
SP 610-45	18,5	25,0		517	501	475	410	270					3310	88
SP 610-46	18,5	25,0		529	512	482	421	275					3380	90
SP 610-48	18,5	25,0		550	539	509	435	290					3520	94
SP 610-52	18,5	25,0		597	581	550	470	320					3790	102

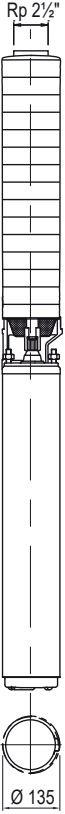


Performans Eğrileri 50 Hz/ Performance Curves at 50 Hz

 $MEI \geq 0,40$ 

MEI ≥ 0,40

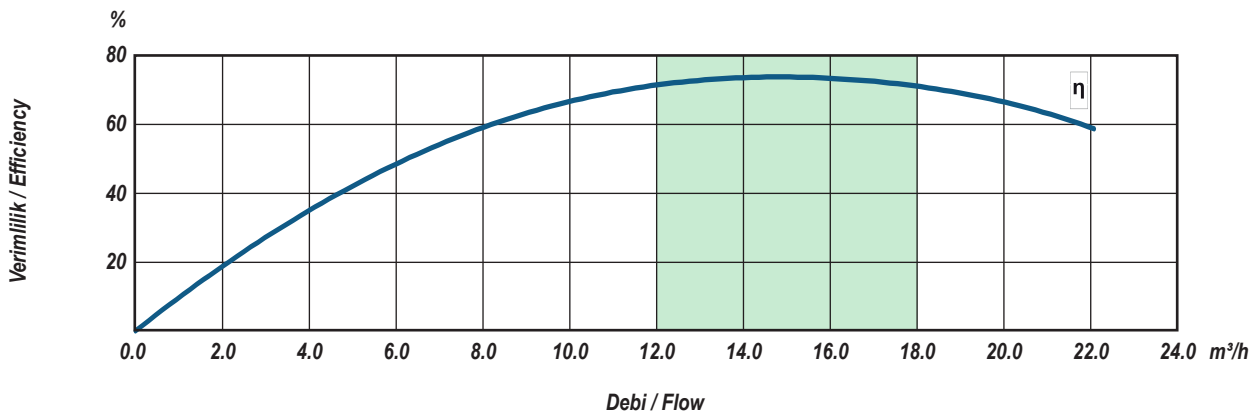
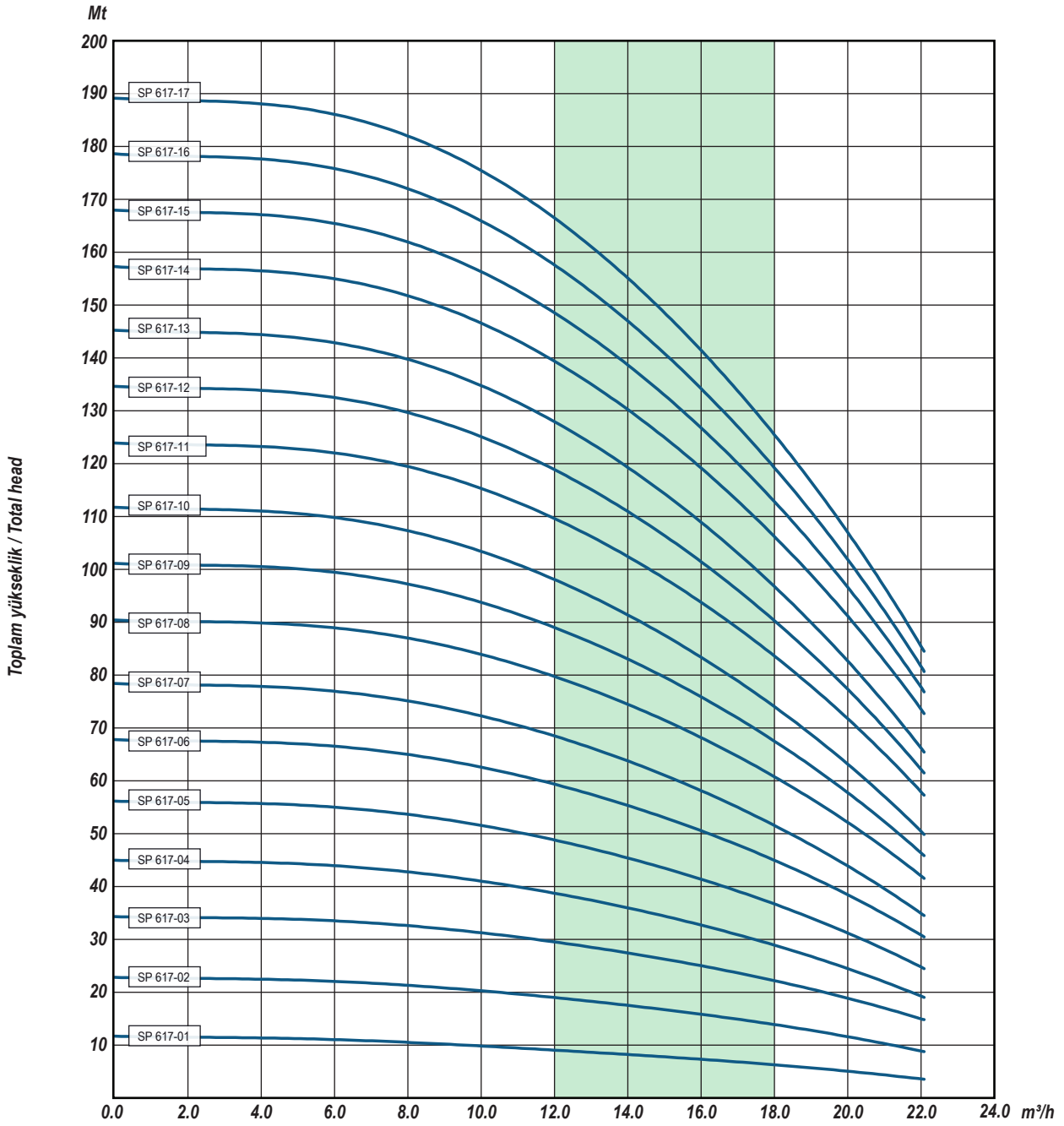




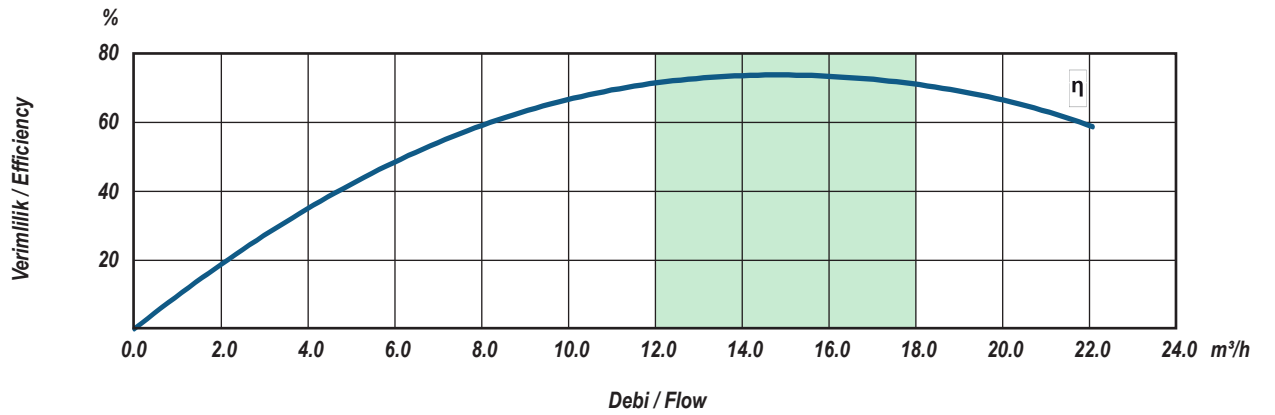
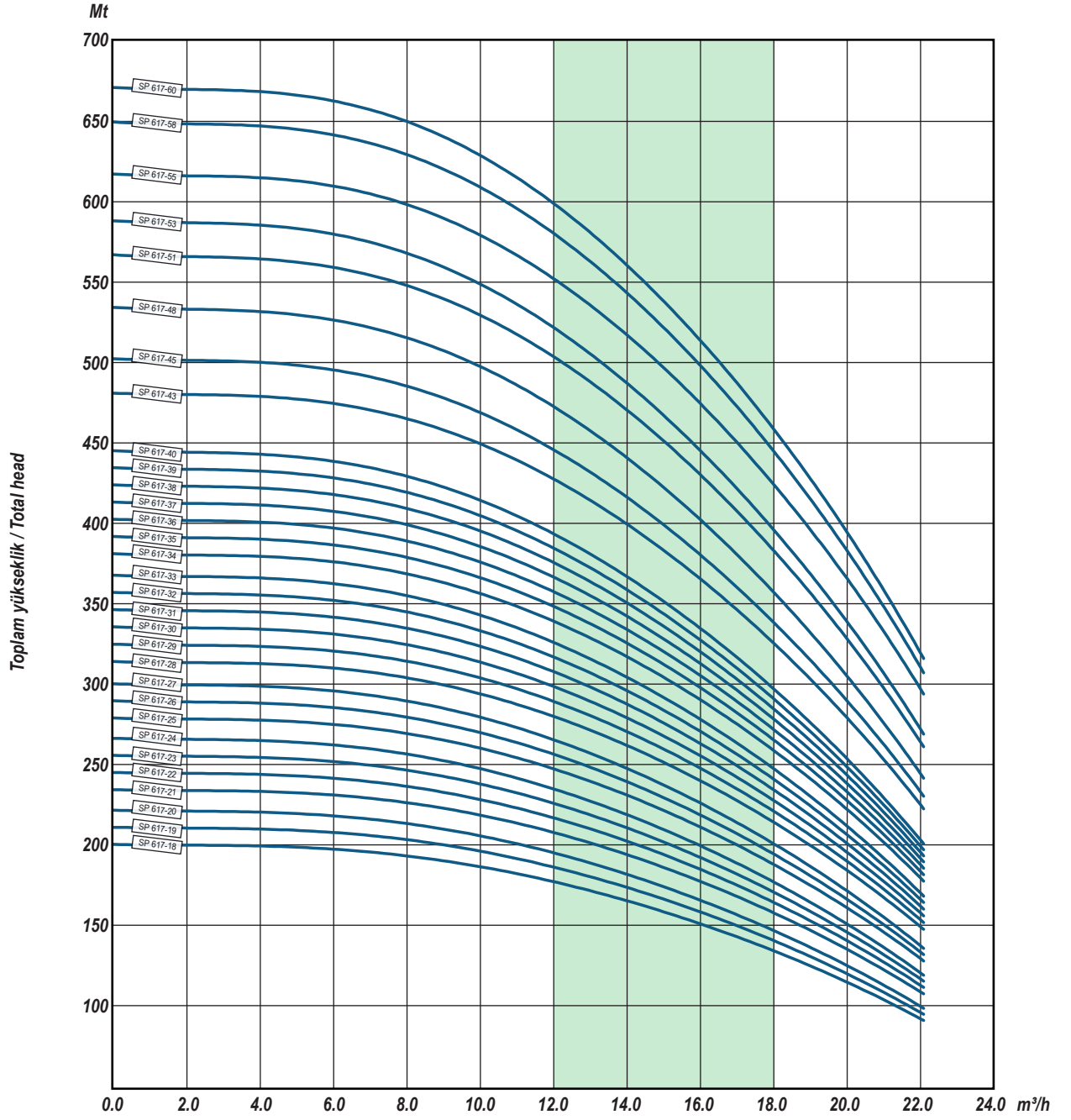
Hidrolik Performans Tablosu 50 Hz/ Table of Hydraulic Performance at 50 Hz

Pompa Modeli (Pump Model)	Çıkış Gücü (Output Power)		Q= Debi / Flow										Uzunluk (Length)	Ağırlık (Weight)
			(m³/h)	0	4,00	8,00	12,00	14,00	16,00	20,00				
	kW	Hp	(l/sec)	0,0	1,10	2,20	3,30	3,90	4,40	5,60			mm	kg
SP 617-01	0,55	0,75	MSS / MPH	12	11	10	9	8	7	5			330	6
SP 617-02	1,1	1,5		23	22	21	19	17	15	11			391	8
SP 617-03	2,2	3,0		34	33	32	29	27	25	19			451	9
SP 617-04	2,2	3,0		45	44	43	38	36	33	25			512	10
SP 617-05	3,0	4,0		56	55	54	49	45	41	31			572	11
SP 617-06	4,0	5,5		68	67	65	59	55	51	38			633	12
SP 617-07	4,0	5,5		78	77	75	60	64	58	44			693	15
SP 617-08	5,5	7,5		90	89	87	80	75	68	52			754	16
SP 617-09	5,5	7,5		101	100	97	88	83	76	58			814	17
SP 617-10	5,5	7,5		112	111	107	98	91	85	63			875	19
SP 617-11	7,5	10,0		124	123	119	109	102	93	72			935	20
SP 617-12	7,5	10,0		135	134	129	119	111	101	77			996	21
SP 617-13	7,5	10,0		145	144	140	128	119	109	83			1056	22
SP 617-14	9,2	12,5		157	156	152	139	130	119	91			1117	23
SP 617-15	9,2	12,5		168	167	162	148	139	127	97			1177	25
SP 617-16	9,2	12,5		179	178	172	158	147	134	102			1238	26
SP 617-17	9,2	12,5		189	188	182	166	155	141	107			1298	27
SP 617-18	11,0	15,0		201	200	194	178	167	151	117			1359	28
SP 617-19	11,0	15,0		212	210	204	188	175	160	121			1419	29
SP 617-20	11,0	15,0		222	221	215	196	182	168	126			1480	30
SP 617-21	13,0	17,5		235	234	228	209	195	178	138			1540	32
SP 617-22	13,0	17,5		246	245	238	218	204	186	142			1617	34
SP 617-23	13,0	17,5		257	255	248	227	212	194	148			1677	35
SP 617-24	13,0	17,5		268	265	258	236	220	200	152			1738	36
SP 617-25	15,0	20,0		280	269	270	249	232	212	162			1798	37
SP 617-26	15,0	20,0		290	279	280	257	240	220	168			1859	39
SP 617-27	15,0	20,0		301	300	290	266	249	228	172			1919	40
SP 617-28	18,5	25,0		315	312	304	281	262	241	185			1980	41
SP 617-29	18,5	25,0		328	324	315	290	271	250	190			2040	42
SP 617-30	18,5	25,0		337	335	325	300	280	258	198			2101	43
SP 617-31	18,5	25,0		348	346	336	309	288	265	202			2161	45
SP 617-32	18,5	25,0		359	356	347	318	297	271	209			2222	46
SP 617-33	18,5	25,0		369	368	356	328	305	279	212			2282	47
SP 617-34	22,0	30,0		381	380	370	340	318	291	222			2343	48
SP 617-35	22,0	30,0		392	390	380	350	327	299	228			2403	49
SP 617-36	22,0	30,0		403	401	390	359	353	305	234			2464	51
SP 617-37	22,0	30,0		414	412	400	368	343	315	239			2524	52
SP 617-38	22,0	30,0		425	423	410	377	351	322	245			2585	53
SP 617-39	22,0	30,0		435	432	420	386	360	330	250			2645	54
SP 617-40	22,0	30,0		446	444	430	395	368	338	255			2870	79
SP 617-43	26,0	35,0		482	480	465	429	400	368	280			3070	84
SP 617-45	26,0	35,0		502	500	485	448	418	380	290			3200	88
SP 617-48	26,0	35,0		535	532	510	472	441	403	305			3400	94
SP 617-51	30,0	40,0		568	565	548	505	470	430	330			3600	100
SP 617-53	30,0	40,0		589	586	568	522	489	448	340			3730	104
SP 617-55	30,0	40,0		612	615	599	552	518	475	368			3870	108
SP 617-58	37,0	50,0		650	647	630	580	545	498	385			4070	114
SP 617-60	37,0	50,0		671	669	650	600	560	515	395			4200	118

MEI $\geq 0,40$

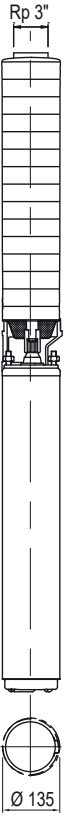


Performans Eğrileri 50 Hz/ Performance Curves at 50 Hz

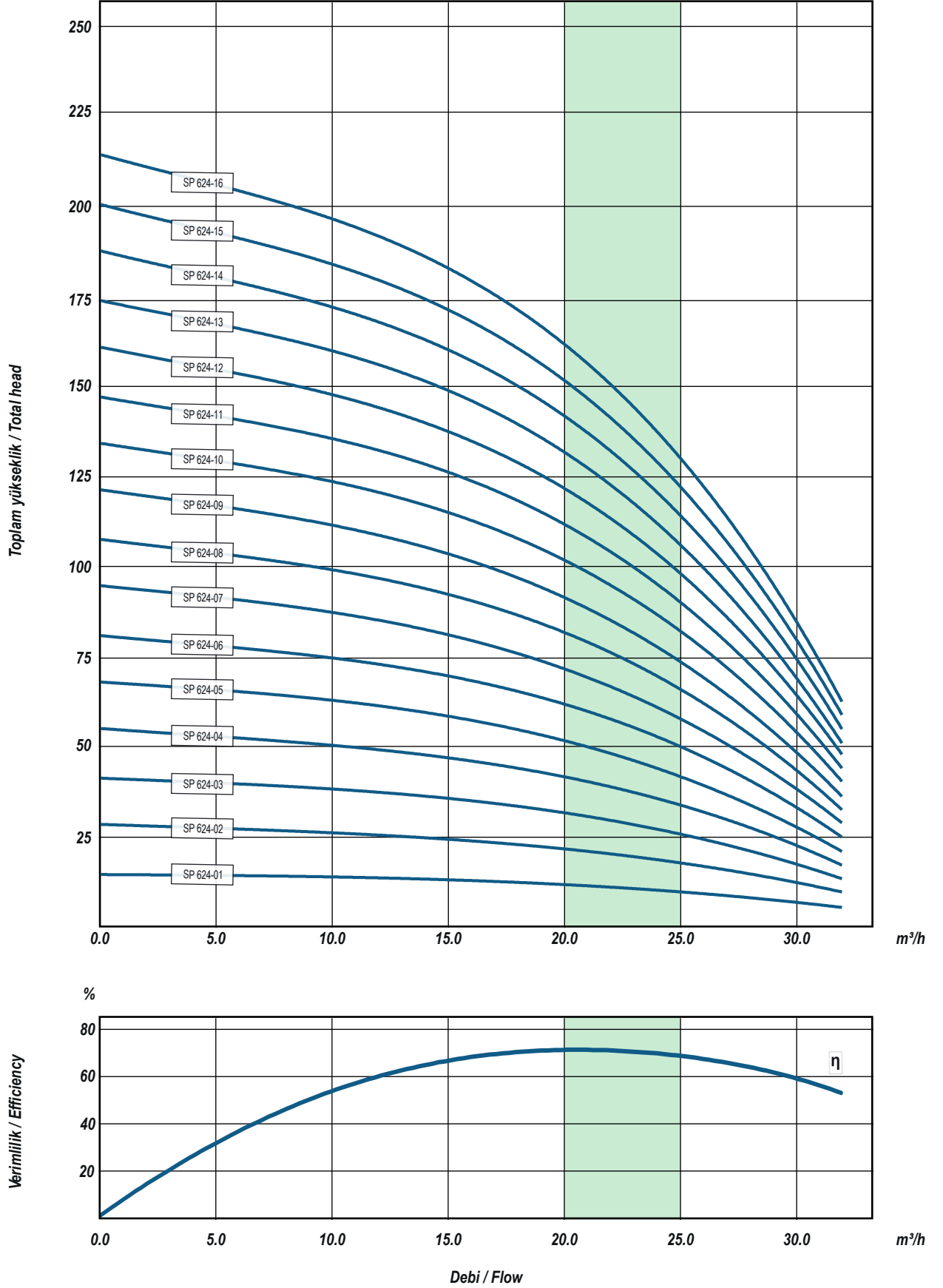
MEI $\geq 0,40$ 

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

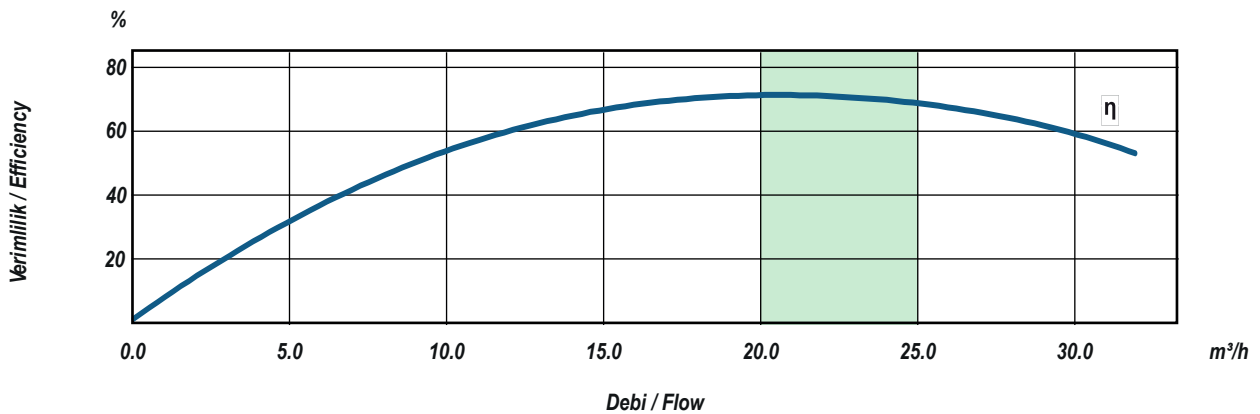
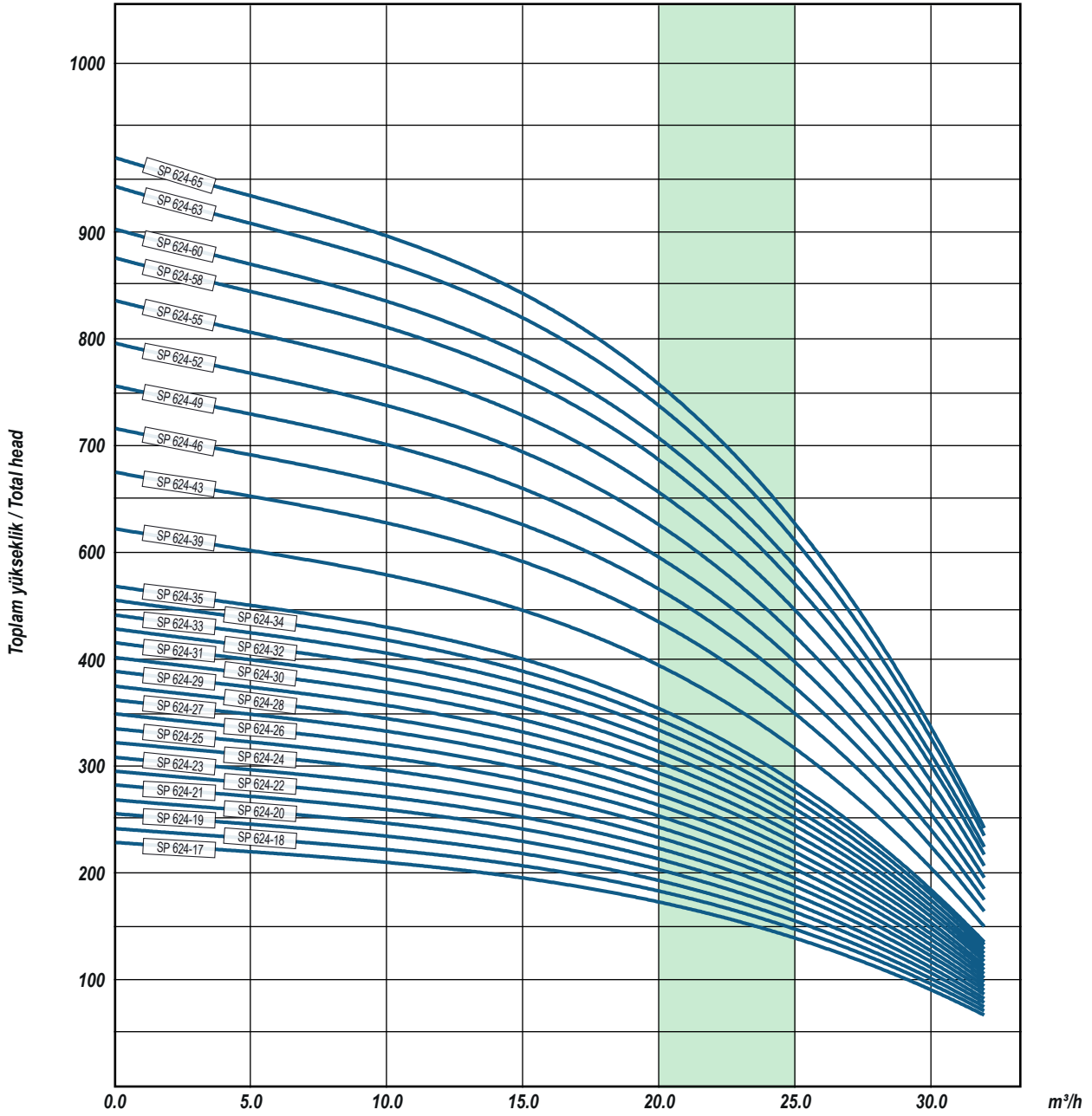
Pompa Modeli (Pump Model)	Çıkış Gücü (Output Power)		Q= Debi / Flow										Uzunluk (Length)	Ağırlık (Weight)
			(m³/h)	0	12,00	18,00	22,00	26,00	28,00	32,00				
	kW	Hp	(l/sec)	0,0	3,33	5,00	6,11	7,22	7,78	8,89			mm	kg
SP 624-01	1,1	1,5	MSS / MPH	13	12	11	9	7	6	4			317	4
SP 624-02	2,2	3,0		27	24	22	19	15	13	8			364	5
SP 624-03	3,0	4,0		40	36	32	28	22	19	12			411	5
SP 624-04	4,0	5,5		54	48	43	38	30	26	16			458	7
SP 624-05	4,0	5,5		67	60	54	47	37	32	20			505	8
SP 624-06	5,5	7,5		80	72	65	57	45	38	24			552	9
SP 624-07	7,5	10,0		94	84	75	66	52	45	28			599	10
SP 624-08	7,5	10,0		107	96	86	75	60	51	32			656	11
SP 624-09	7,5	10,0		121	108	96	84	67	57	36			693	12
SP 624-10	9,2	12,5		134	119	108	94	75	64	40			740	13
SP 624-11	9,2	12,5		147	131	118	103	82	70	44			787	14
SP 624-12	11,0	15,0		161	143	129	113	90	77	48			834	15
SP 624-13	11,0	15,0		174	155	139	122	97	83	51			881	16
SP 624-14	13,0	17,5		188	167	150	132	104	89	55			928	17
SP 624-15	13,0	17,5		201	179	161	141	112	96	59			975	18
SP 624-16	15,0	20,0		215	191	171	150	119	102	63			1022	19
SP 624-17	15,0	20,0		228	203	182	159	127	109	67			1069	20
SP 624-18	18,5	25,0		241	215	193	169	134	115	71			1116	21
SP 624-19	18,5	25,0		255	227	204	178	141	121	75			1163	22
SP 624-20	18,5	25,0		268	239	214	188	149	128	79			1210	23
SP 624-21	18,5	25,0		282	251	225	194	156	134	83			1257	24
SP 624-22	18,5	25,0		295	263	236	207	164	140	87			1304	25
SP 624-23	22,0	30,0		308	275	246	216	171	147	91			1351	26
SP 624-24	22,0	30,0		322	287	257	224	177	153	95			1398	27
SP 624-25	22,0	30,0		335	299	268	234	186	160	99			1445	28
SP 624-26	22,0	30,0		349	311	279	244	194	166	103			1492	29
SP 624-27	26,0	35,0		362	323	289	253	201	172	107			1539	30
SP 624-28	26,0	35,0		375	335	300	263	209	179	111			1586	31
SP 624-29	26,0	35,0		389	347	310	272	216	185	115			1633	33
SP 624-30	26,0	35,0		402	358	322	282	224	192	119			1680	34
SP 624-31	30,0	40,0		416	370	332	291	231	198	123			1727	35
SP 624-32	30,0	40,0		429	382	343	300	238	204	127			1774	36
SP 624-33	30,0	40,0		442	394	354	310	246	211	131			1821	37
SP 624-34	30,0	40,0		456	406	364	319	253	217	135			1868	38
SP 624-35	30,0	40,0		469	418	375	328	260	223	139			1915	39

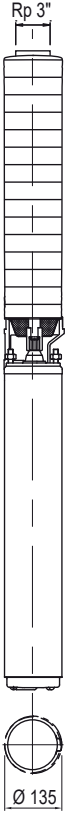


Performans Eğrileri 50 Hz/ Performance Curves at 50 Hz

 $MEI \geq 0,40$ 

MEI ≥ 0,40

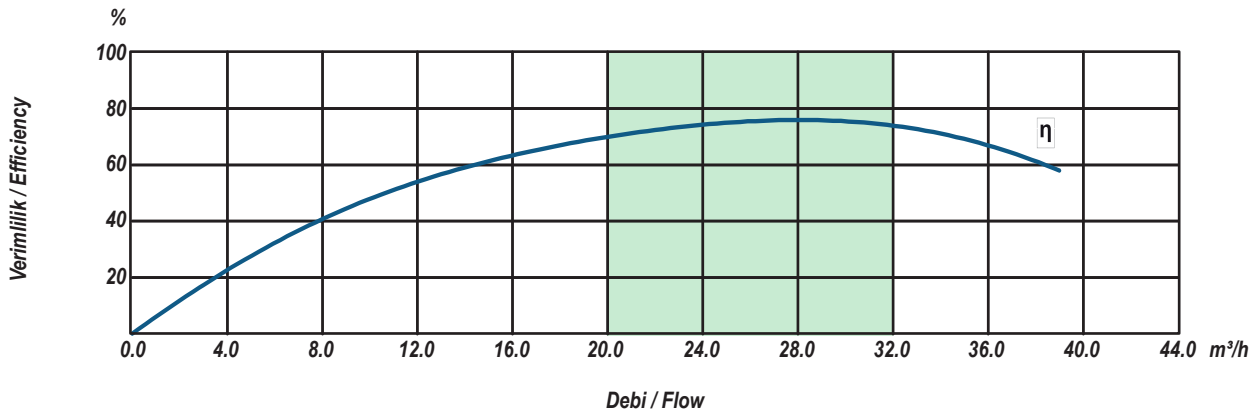
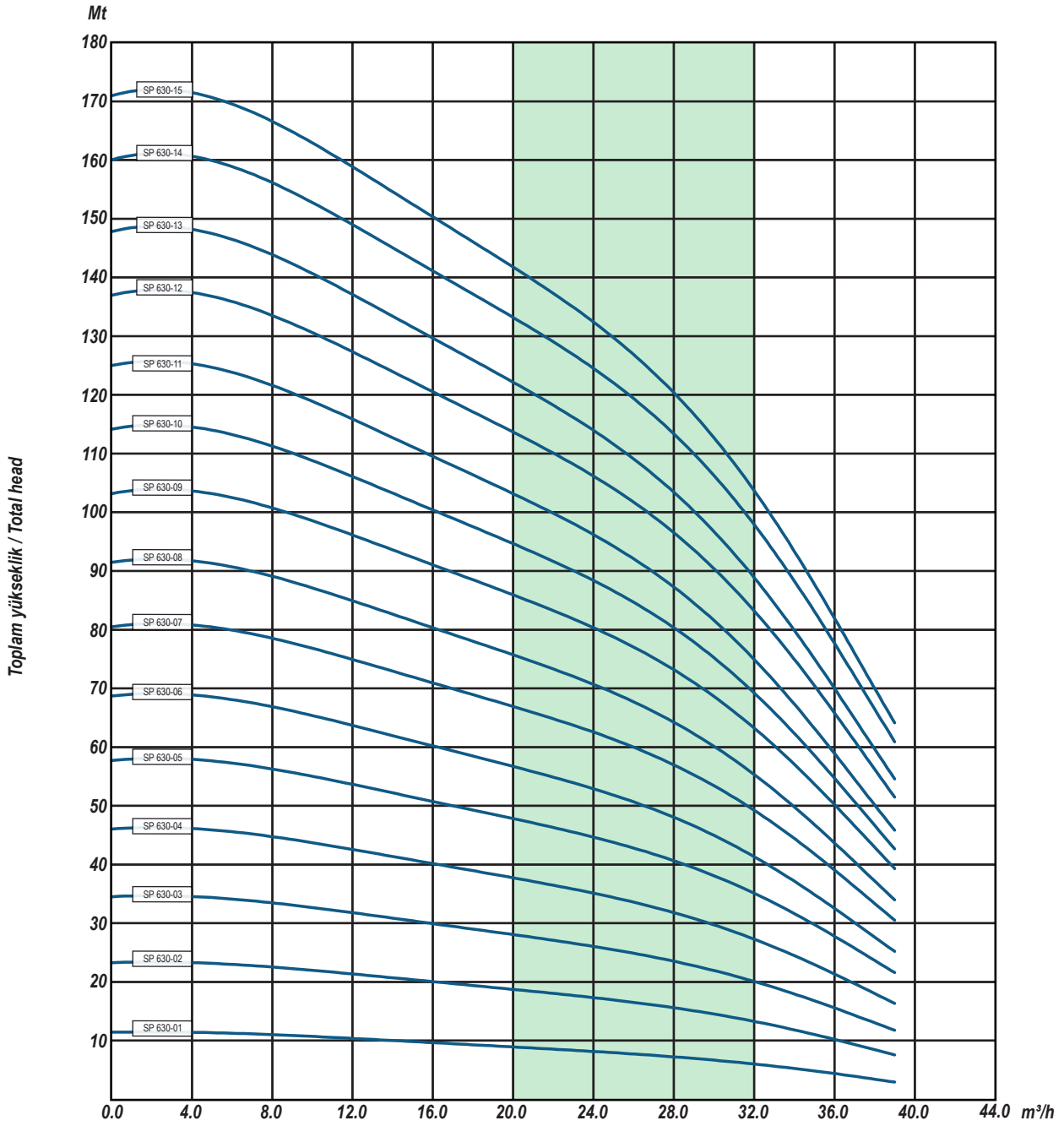




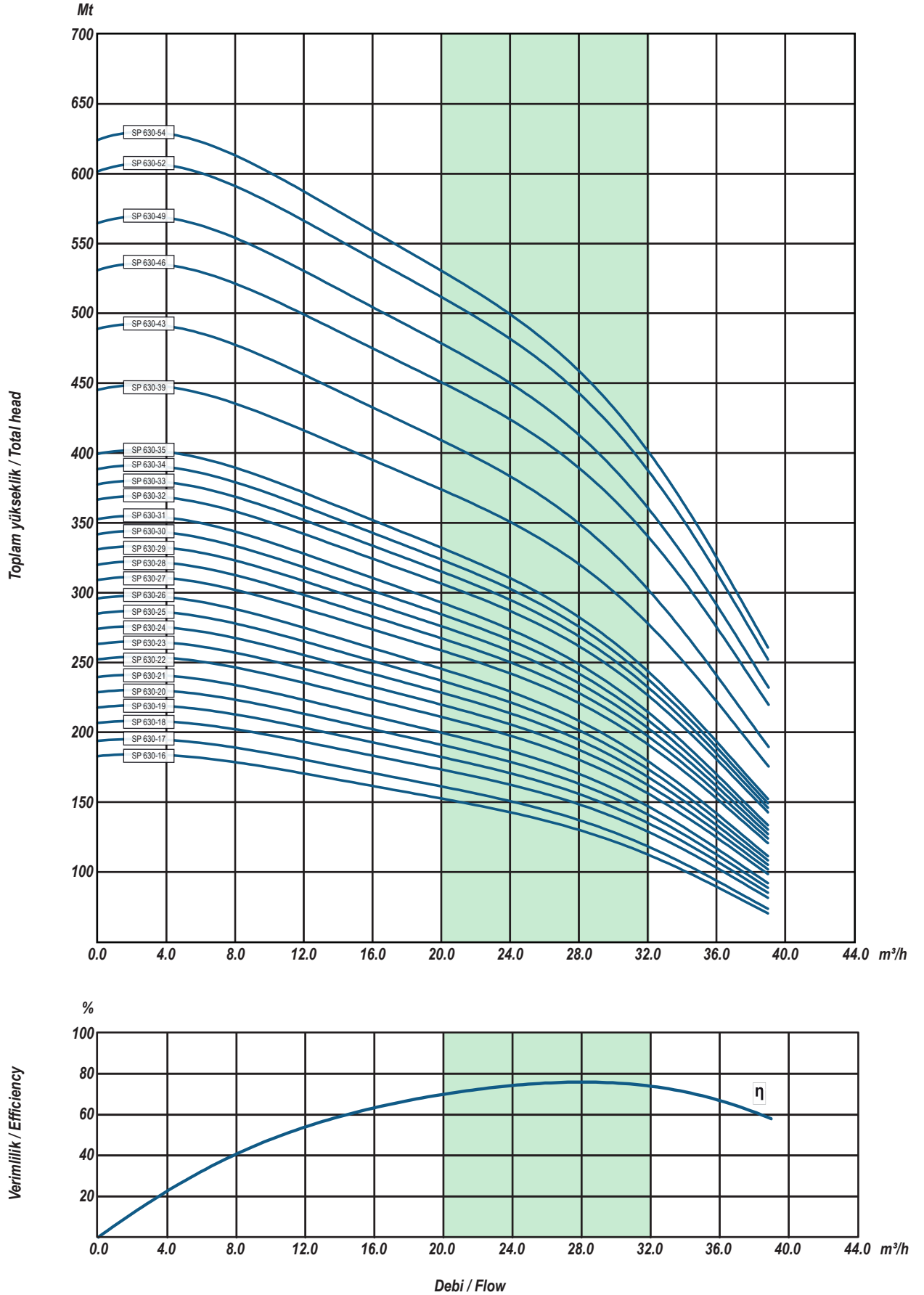
Hidrolik Performans Tablosu 50 Hz/ Table of Hydraulic Performance at 50 Hz

Pompa Modeli (Pump Model)	Çıkış Gücü (Output Power)		Q= Debi / Flow										Uzunluk (Length)	Ağırlık (Weight)
			(m³/h)	0	8,00	16,00	24,00	28,00	32,00	39,00				
	kW	Hp	(l/sec)	0,0	2,20	4,40	6,70	7,80	8,90	10,80			mm	kg
SP 630-01	1,1	1,5	MSS / MPH	12	11	10	8	7	6	3			370	8
SP 630-02	2,2	3,0		23	22	20	18	15	13	7			460	9
SP 630-03	3,0	4,0		35	33	30	27	23	20	12			556	11
SP 630-04	4,0	5,5		46	45	40	35	32	27	16			652	13
SP 630-05	5,5	7,5		58	56	51	45	41	35	21			748	15
SP 630-06	5,5	7,5		69	67	60	53	48	41	25			844	17
SP 630-07	7,5	10,0		81	79	71	63	57	49	30			940	19
SP 630-08	7,5	10,0		91	89	80	71	64	55	34			1036	21
SP 630-09	9,2	12,5		103	101	91	80	73	63	39			1132	22
SP 630-10	9,2	12,5		114	111	100	89	80	69	43			1228	24
SP 630-11	9,2	12,5		125	122	110	97	87	75	45			1324	26
SP 630-12	11,0	15,0		137	133	121	106	96	83	51			1420	27
SP 630-13	11,0	15,0		148	144	130	115	103	89	53			1516	29
SP 630-14	13,0	17,5		160	156	141	124	113	98	61			1612	31
SP 630-15	13,0	17,5		171	167	150	131	120	103	64			1708	32
SP 630-16	15,0	20,0		183	178	161	143	130	112	70			1804	34
SP 630-17	15,0	20,0		195	190	170	150	138	119	74			1900	36
SP 630-18	18,5	25,0		207	202	182	162	149	129	82			1996	38
SP 630-19	18,5	25,0		218	213	193	170	155	135	85			2092	40
SP 630-20	18,5	25,0		229	233	202	179	164	140	88			2188	41
SP 630-21	18,5	25,0		240	234	211	188	170	148	92			2300	43
SP 630-22	22,0	30,0		252	247	222	198	180	156	99			2396	45
SP 630-23	22,0	30,0		263	257	233	206	188	162	101			2492	47
SP 630-24	22,0	30,0		275	268	242	214	195	168	105			2588	48
SP 630-25	22,0	30,0		285	278	250	222	200	175	109			2684	49
SP 630-26	22,0	30,0		296	288	260	230	208	180	111			2780	51
SP 630-27	26,0	35,0		310	301	274	242	220	190	121			2876	53
SP 630-28	26,0	35,0		320	312	283	250	228	199	124			2972	57
SP 630-29	26,0	35,0		331	323	292	258	235	202	128			3068	58
SP 630-30	26,0	35,0		342	333	300	266	241	209	130			3164	59
SP 630-31	30,0	40,0		353	344	310	274	249	215	132			3260	61
SP 630-32	30,0	40,0		368	350	325	288	251	226	142			3356	63
SP 630-33	30,0	40,0		378	369	334	295	259	231	145			3452	65
SP 630-34	30,0	40,0		390	380	343	302	275	238	149			3548	67
SP 630-35	30,0	40,0		400	390	352	310	282	242	152			3644	68
SP 630-39	37,0	50,0		445	436	395	350	320	279	178			400	137
SP 630-43	37,0	50,0		489	478	432	382	350	301	190			4610	151
SP 630-46	45,0	60,0		531	521	475	425	390	340	220			4910	161
SP 630-49	45,0	60,0		565	555	505	450	412	360	231			5220	171
SP 630-52	55,0	75,0		602	591	540	480	442	389	251			5520	182
SP 630-54	55,0	75,0		625	612	560	500	459	400	260			5730	189
SP 630-56	66,0	90,0		640	630	578	520	479	420	274			5930	196
SP 630-59	66,0	90,0		667	655	605	548	508	448	300			6240	207

MEI ≥ 0,40

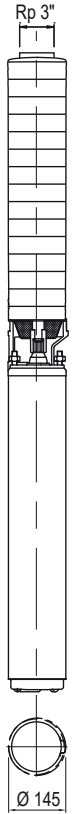


Performans Eğrileri 50 Hz/ Performance Curves at 50 Hz

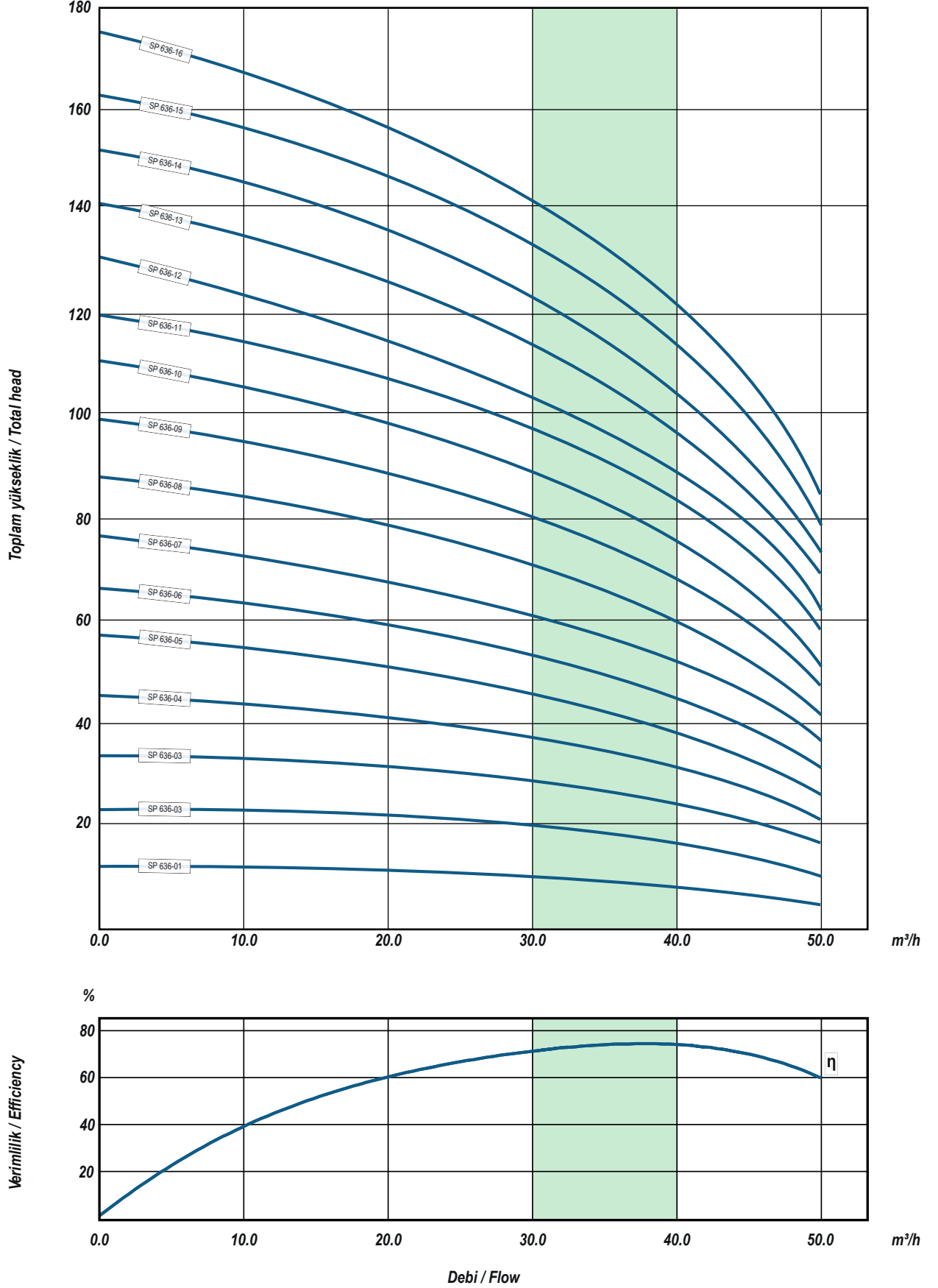
 $MEI \geq 0,40$ 

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

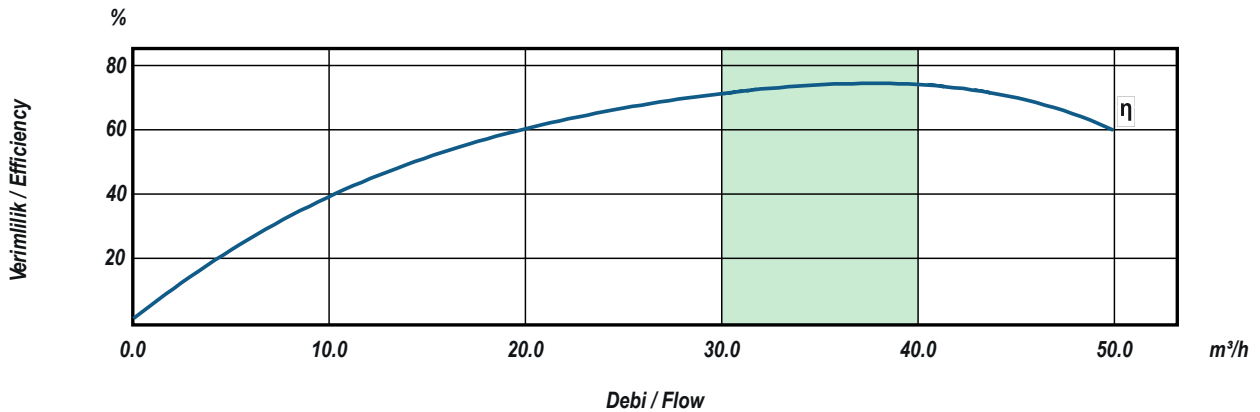
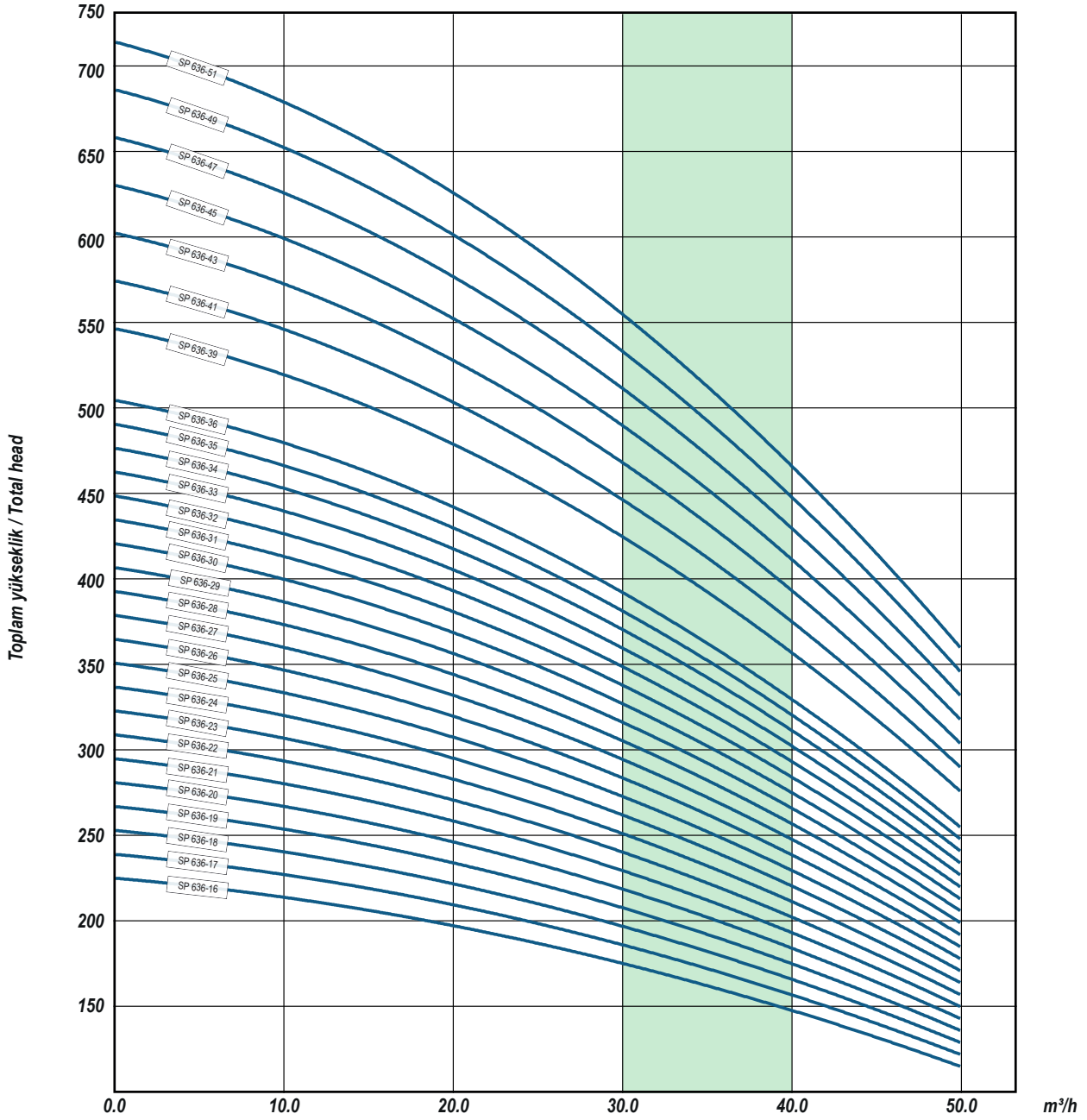
Pompa Modeli (Pump Model)	Çıkış Gücü (Output Power)		Q= Debi / Flow										Uzunluk (Length)	Ağırlık (Weight)
			(m³/h)	0	9,00	18,00	27,00	33,00	36,00	39,00	45,00	51,00		
	kW	Hp	(l/sec)	0,00	2,50	5,00	7,50	9,17	10,00	10,83	12,50	14,15	mm	kg
SP 636-01	1,1	1,5	MSS / MPH	12	11	10	9	8	8	7	6	5	390	10
SP 636-02	2,2	3,0		23	22	20	19	17	16	15	13	10	510	12
SP 636-03	3,0	4,0		35	33	30	28	25	24	22	19	16	630	14
SP 636-04	4,0	5,5		46	43	41	37	34	32	30	26	21	750	16
SP 636-05	5,5	7,5		58	54	51	47	42	40	37	32	26	870	18
SP 636-06	7,5	10,0		70	65	61	56	50	47	44	38	31	990	20
SP 636-07	7,5	10,0		81	76	71	65	59	55	52	45	36	1110	22
SP 636-08	9,2	12,5		93	87	81	74	67	63	59	51	42	1230	24
SP 636-09	11,0	15,0		104	98	91	84	76	71	67	58	47	1350	26
SP 636-10	11,0	15,0		116	109	102	93	84	79	74	64	52	1470	28
SP 636-11	13,0	17,5		128	119	112	102	92	87	81	70	57	1590	30
SP 636-12	13,0	17,5		139	130	122	112	101	95	89	77	62	1710	32
SP 636-13	15,0	20,0		151	141	132	121	109	103	96	83	68	1830	34
SP 636-14	15,0	20,0		162	152	142	130	118	111	104	90	73	1950	36
SP 636-15	18,5	25,0		174	163	152	140	126	119	111	96	78	2070	38
SP 636-16	18,5	25,0		186	174	162	149	134	126	118	102	83	2190	40
SP 636-17	18,5	25,0		197	184	173	158	143	134	126	109	88	2310	42
SP 636-18	18,5	25,0		209	195	183	167	151	142	133	115	94	2430	44
SP 636-19	22,0	30,0		220	206	193	177	160	150	141	122	99	2550	46
SP 636-20	22,0	30,0		232	217	203	186	168	158	148	128	104	2670	48
SP 636-21	22,0	30,0		244	228	213	195	176	166	155	134	109	2790	50
SP 636-22	26,0	35,0		255	239	223	205	185	174	163	141	114	2910	52
SP 636-23	26,0	35,0		267	250	233	214	193	182	170	147	120	3030	54
SP 636-24	26,0	35,0		278	260	244	223	202	190	178	154	125	3150	56
SP 636-25	26,0	35,0		290	271	254	233	210	198	185	160	130	3270	58
SP 636-26	30,0	40,0		302	282	264	242	218	205	192	166	135	3390	60
SP 636-27	30,0	40,0		313	293	274	251	227	213	200	173	140	3510	62
SP 636-28	30,0	40,0		325	304	284	260	235	221	207	179	146	3630	64
SP 636-29	30,0	40,0		336	315	294	270	244	229	215	186	151	3750	665
SP 636-30	37,0	50,0		348	326	305	279	252	237	222	192	156	3870	68
SP 636-31	37,0	50,0		360	336	315	288	260	245	229	198	161	3990	70
SP 636-32	37,0	50,0		371	347	325	298	269	253	237	205	166	4110	72
SP 636-33	37,0	50,0		383	358	335	307	277	261	244	211	172	4230	74
SP 636-34	37,0	50,0		394	369	345	316	286	269	252	218	177	4350	76
SP 636-35	37,0	50,0		406	380	355	326	294	277	259	224	182	4470	78
SP 636-36	37,0	50,0		418	391	365	335	302	284	266	230	187	4590	80
SP 636-39	45,0	60,0		452	423	396	363	328	308	289	250	203	4970	144
SP 636-41	45,0	60,0		476	445	416	381	344	324	303	262	213	5210	148
SP 636-43	45,0	60,0		499	467	436	400	361	340	318	275	224	5450	152
SP 636-45	52,0	70,0		522	488	457	419	378	356	333	288	234	5690	156
SP 636-47	52,0	70,0		545	510	477	437	395	371	348	301	244	5930	160
SP 636-49	52,0	70,0		568	532	497	456	412	387	363	314	255	6170	164
SP 636-51	55,0	75,0		592	553	518	474	428	403	377	326	265	6410	168

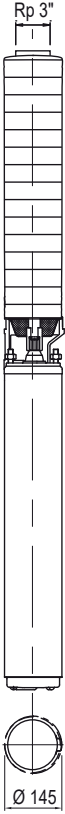


Performans Eğrileri 50 Hz/ Performance Curves at 50 Hz

 $MEI \geq 0,40$ 

MEI ≥ 0,40

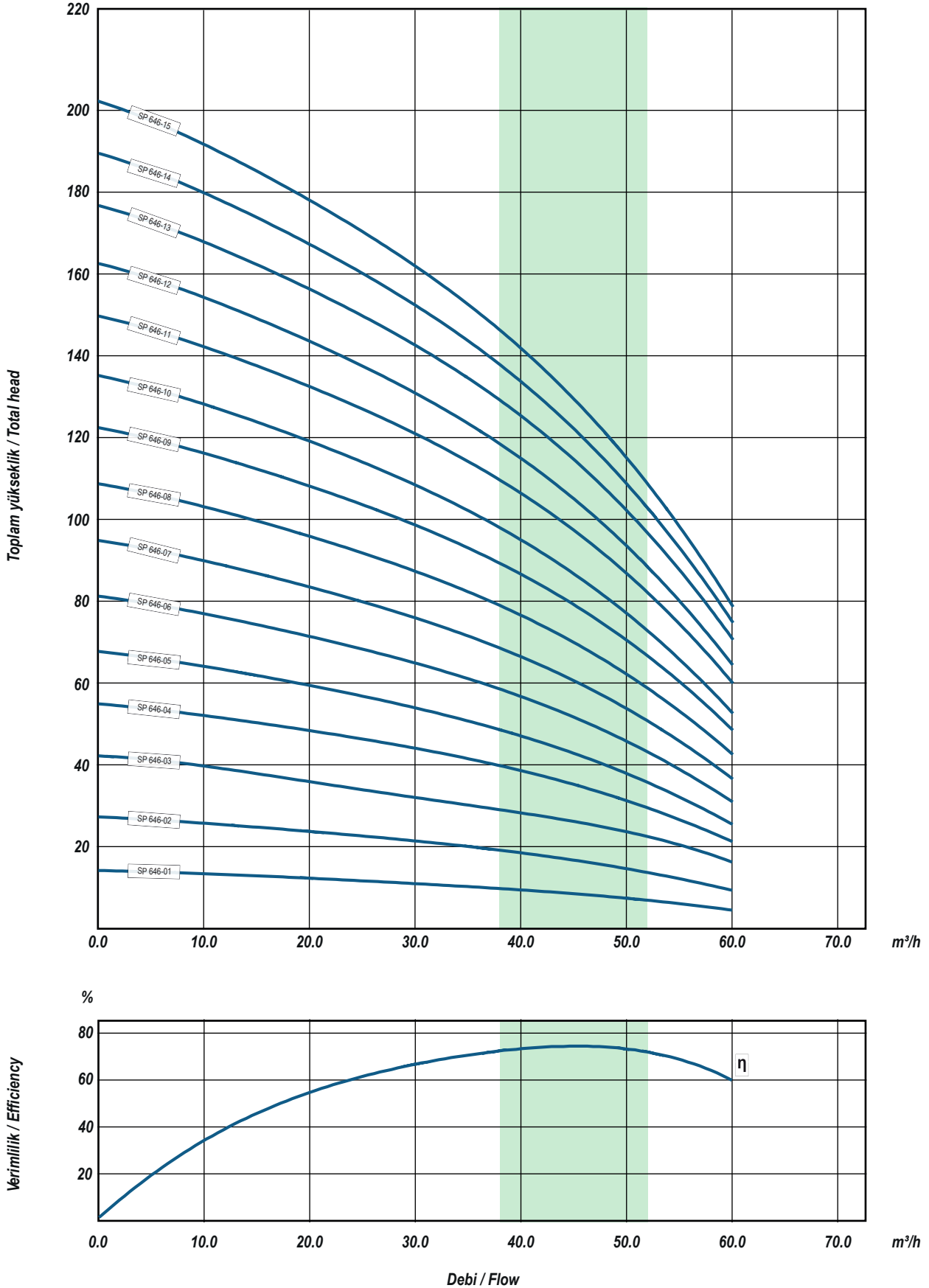




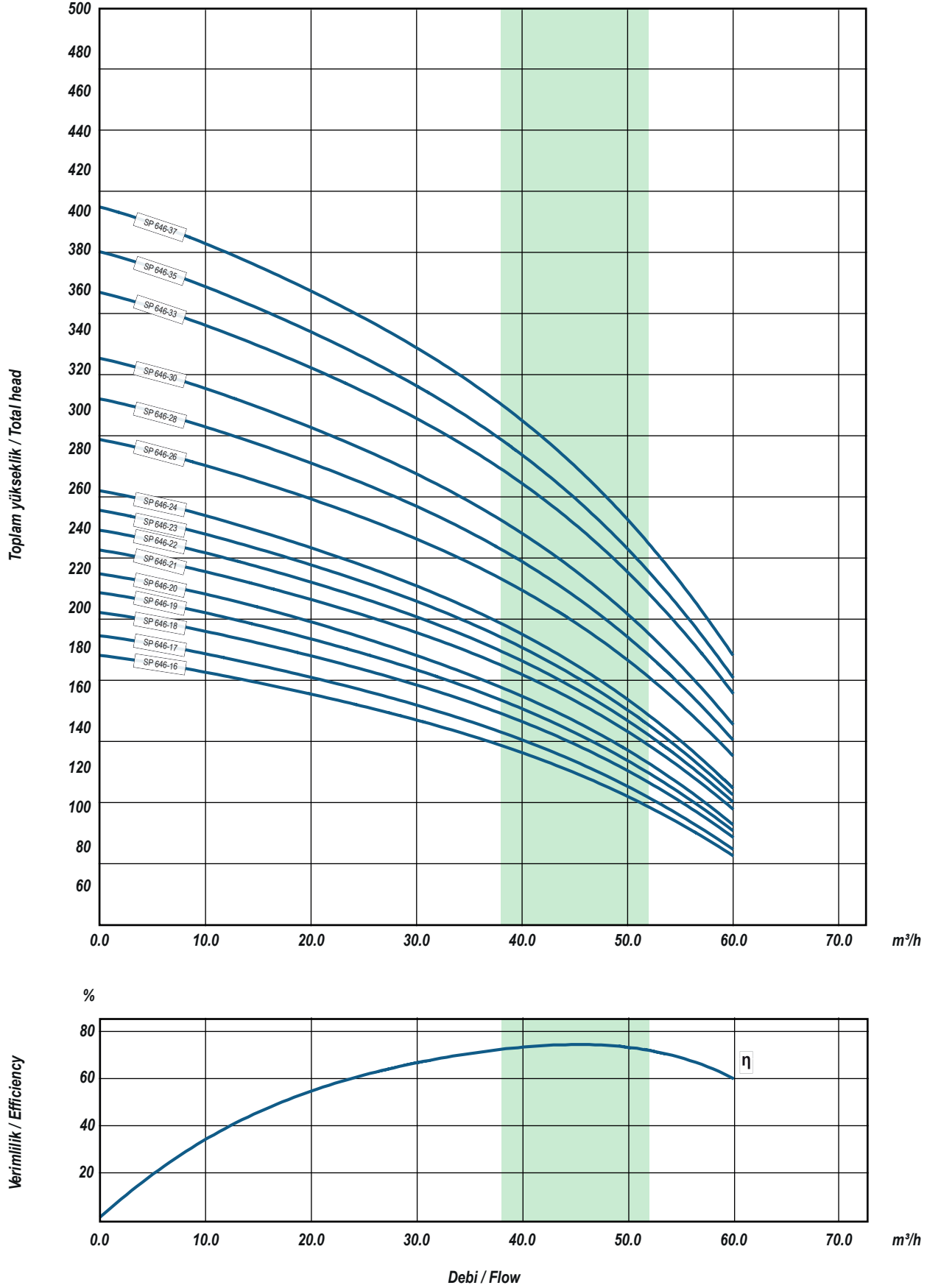
Hidrolik Performans Tablosu 50 Hz/ Table of Hydraulic Performance at 50 Hz

Pompa Modeli (Pump Model)	Çıkış Gücü (Output Power)		Q= Debi / Flow										Uzunluk (Length)	Ağırlık (Weight)
			(m³/h)	0	10,00	20,00	30,00	40,00	50,00	60,00				
	kW	Hp	(l/sec)	0,0	2,80	5,60	8,30	11,1	13,9	16,7			mm	kg
SP 646-01	1,5	2,0	MSS / MPH	14	13	12	10	7	6	4			390	10
SP 646-02	3,0	4,0		27	25	23	21	18	14	8			510	12
SP 646-03	5,5	7,5		41	40	38	32	28	23	15			630	14
SP 646-04	7,5	10,0		55	52	48	44	38	31	20			750	16
SP 646-05	7,5	10,0		67	64	59	54	47	37	24			870	18
SP 646-06	9,3	12,5		81	77	71	65	57	45	29			990	21
SP 646-07	11,0	15,0		94	90	84	76	66	51	35			1110	23
SP 646-08	13,0	17,5		108	103	95	87	77	62	41			1230	25
SP 646-09	15,0	20,0		122	117	107	99	87	70	47			1350	27
SP 646-10	15,0	20,0		135	127	120	109	95	77	51			1470	29
SP 646-11	18,5	25,0		149	143	133	121	106	86	58			1590	32
SP 646-12	18,5	25,0		162	157	144	132	115	93	63			1626	33
SP 646-13	18,5	25,0		177	169	157	143	126	102	69			1830	36
SP 646-14	22,0	30,0		189	181	169	153	134	108	73			1930	38
SP 646-15	22,0	30,0		210	193	180	163	142	115	77			2070	40
SP 646-16	26,5	35,0		216	207	197	176	155	125	85			2190	43
SP 646-17	26,5	35,0		230	220	205	186	163	132	90			2310	45
SP 646-18	30,0	40,0		245	235	218	199	175	142	96			2430	48
SP 646-19	30,0	40,0		267	247	230	209	184	148	100			2540	50
SP 646-20	30,0	40,0		270	258	241	218	192	155	105			2670	53
SP 646-21	37,0	50,0		285	274	255	238	205	168	115			2790	55
SP 646-22	37,0	50,0		297	280	267	244	215	175	119			2910	58
SP 646-23	37,0	50,0		312	297	278	254	224	181	124			3030	60
SP 646-24	37,0	50,0		324	310	290	274	232	187	128			3150	62
SP 646-26	45,0	60,0		357	343	321	295	260	214	147			3390	67
SP 646-28	45,0	60,0		383	363	345	315	280	228	158			3630	72
SP 646-30	45,0	60,0		410	394	363	337	298	244	168			3880	126
SP 646-33	52,0	70,0		452	435	407	374	330	270	188			4240	139
SP 646-35	52,0	70,0		479	460	430	395	349	285	198			4480	147
SP 646-37	55,0	75,0		508	488	458	420	373	305	213			4730	155

MEI $\geq 0,40$

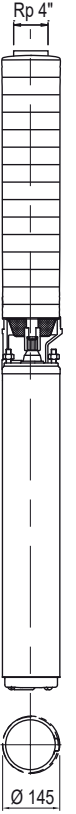


Performans Eğrileri 50 Hz/ Performance Curves at 50 Hz

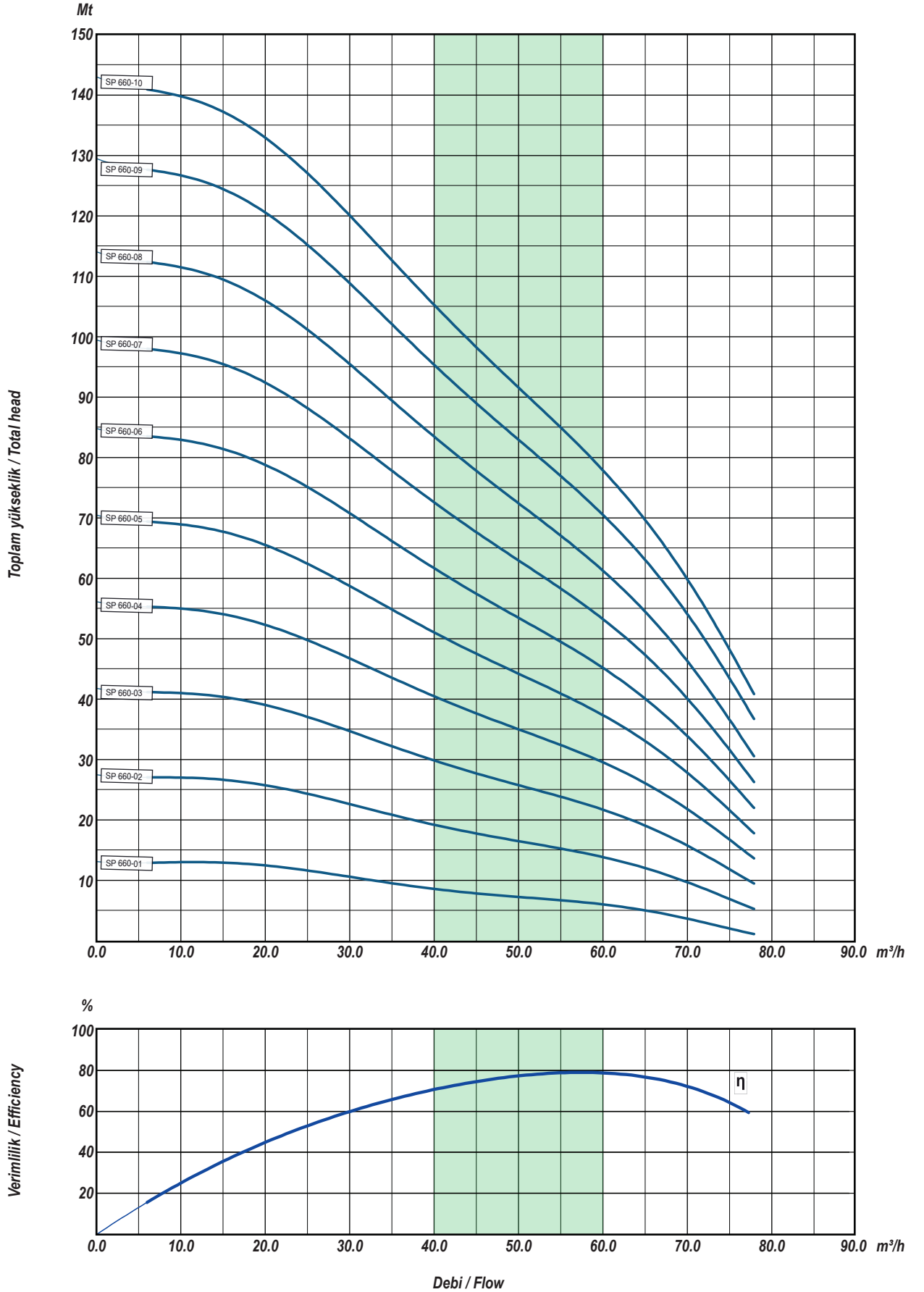
 $MEI \geq 0,40$ 

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

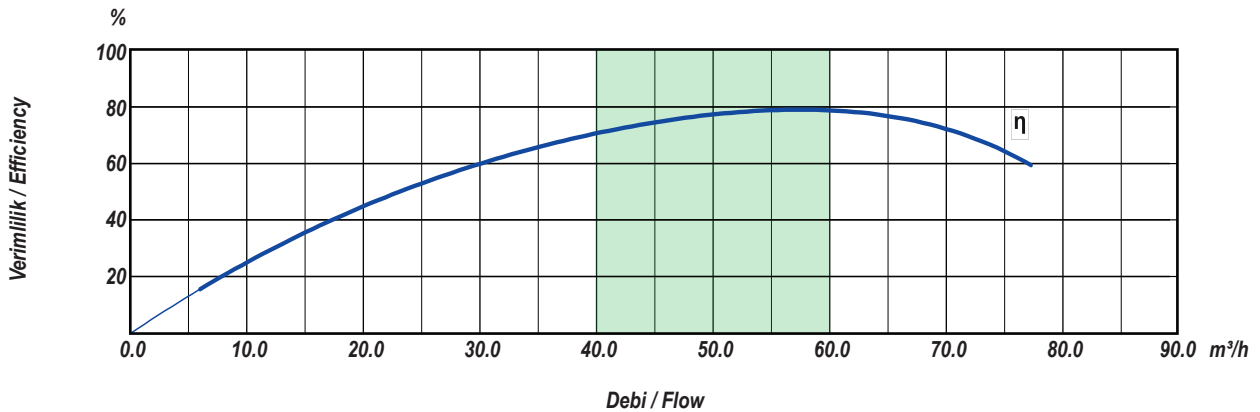
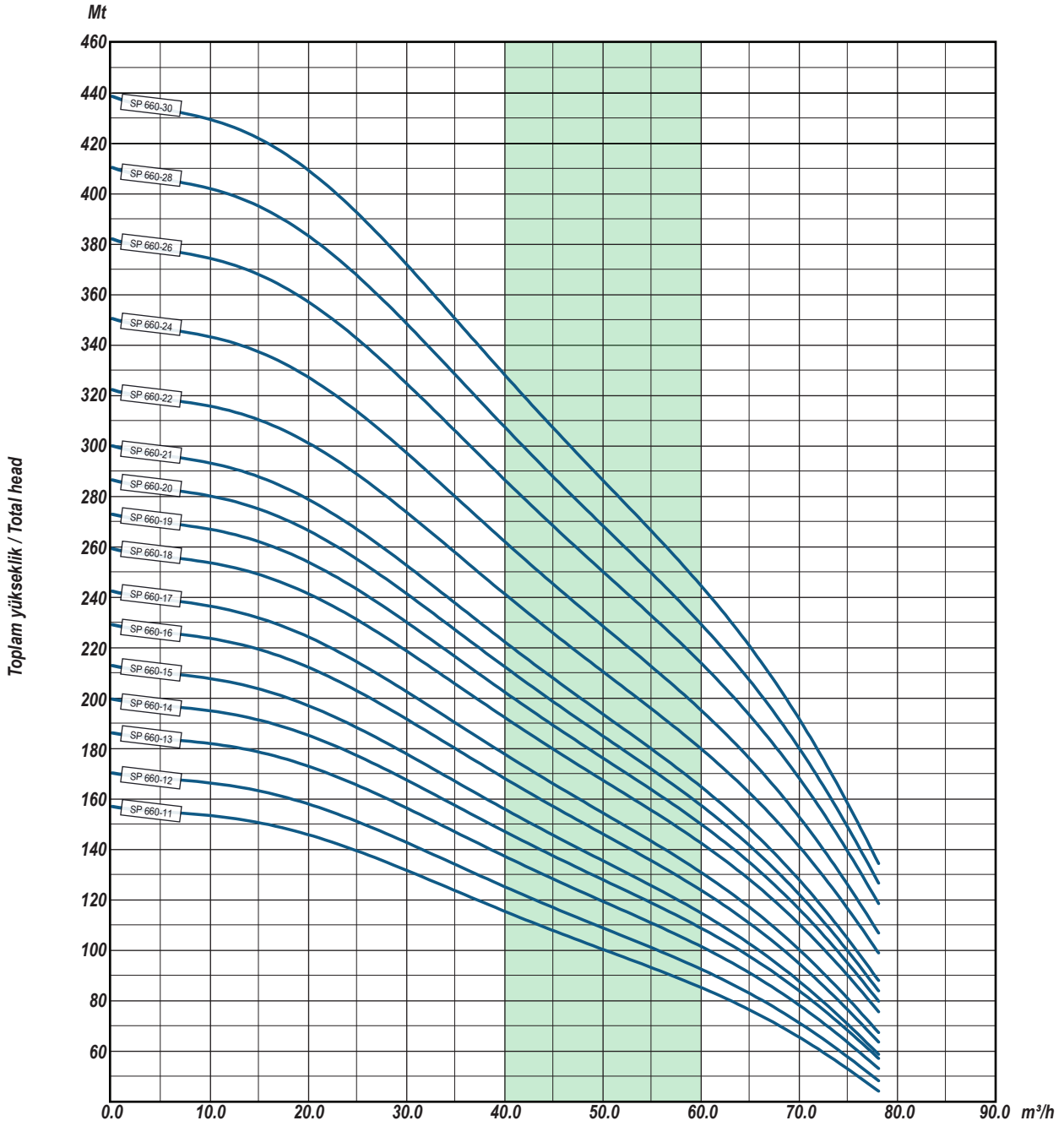
Pompa Modeli (Pump Model)	Çıkış Gücü (Output Power)		Q= Debi / Flow										Uzunluk (Length)	Ağırlık (Weight)
			(m³/h)	0	20,00	40,00	50,00	60,00	70,00	78,00				
	kW	Hp	(l/sec)	0,0	5,55	11,11	13,88	16,66	19,44	21,66			mm	kg
SP 660-01	2,2	3,0	MSS / MPH	13	13	9	8	7	4	1			390	10
SP 660-02	4,0	5,5		28	26	19	17	15	10	5			510	12
SP 660-03	5,5	7,5		42	39	30	26	23	16	10			630	14
SP 660-04	7,5	10,0		56	52	41	35	31	22	14			750	16
SP 660-05	9,2	12,5		71	66	51	44	39	28	18			870	18
SP 660-06	11,0	15,0		81	79	62	54	46	34	22			990	20
SP 660-07	13,0	17,5		100	92	73	63	54	40	26			1110	22
SP 660-08	15,0	20,0		114	106	84	73	62	46	30			1230	24
SP 660-09	18,5	25,0		130	120	96	83	71	54	36			1287	26
SP 660-10	18,5	25,0		143	133	105	92	78	60	41			1470	28
SP 660-11	22,0	30,0		158	147	116	102	86	67	45			1513	30
SP 660-12	22,0	30,0		172	159	126	110	94	72	50			1710	32
SP 660-13	26,0	35,0		188	174	138	120	102	79	55			1830	34
SP 660-14	26,0	35,0		200	186	148	130	110	85	58			1950	36
SP 660-15	26,0	35,0		217	198	156	137	115	89	60			2070	38
SP 660-16	30,0	40,0		230	212	169	147	125	95	65			2190	42
SP 660-17	30,0	40,0		242	222	178	155	132	110	68			2310	47
SP 660-18	37,0	50,0		260	242	193	168	143	110	77			2430	49
SP 660-19	37,0	50,0		272	255	203	177	151	117	80			2550	51
SP 660-20	37,0	50,0		287	267	212	185	158	122	85			2670	53
SP 660-21	37,0	50,0		300	280	222	194	165	128	90			2790	61
SP 660-22	45,0	60,0		322	302	242	211	180	142	100			2830	62
SP 660-24	45,0	60,0		350	327	262	229	195	154	107			3150	63
SP 660-26	55,0	70,0		382	358	287	250	215	168	120			3390	68
SP 660-28	55,0	70,0		410	384	308	268	230	180	128			3510	70
SP 660-30	55,0	75,0		440	410	328	285	245	192	135			3880	126

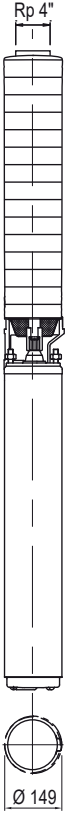


Performans Eğrileri 50 Hz/ Performance Curves at 50 Hz

 $MEI \geq 0,40$ 

MEI $\geq 0,40$

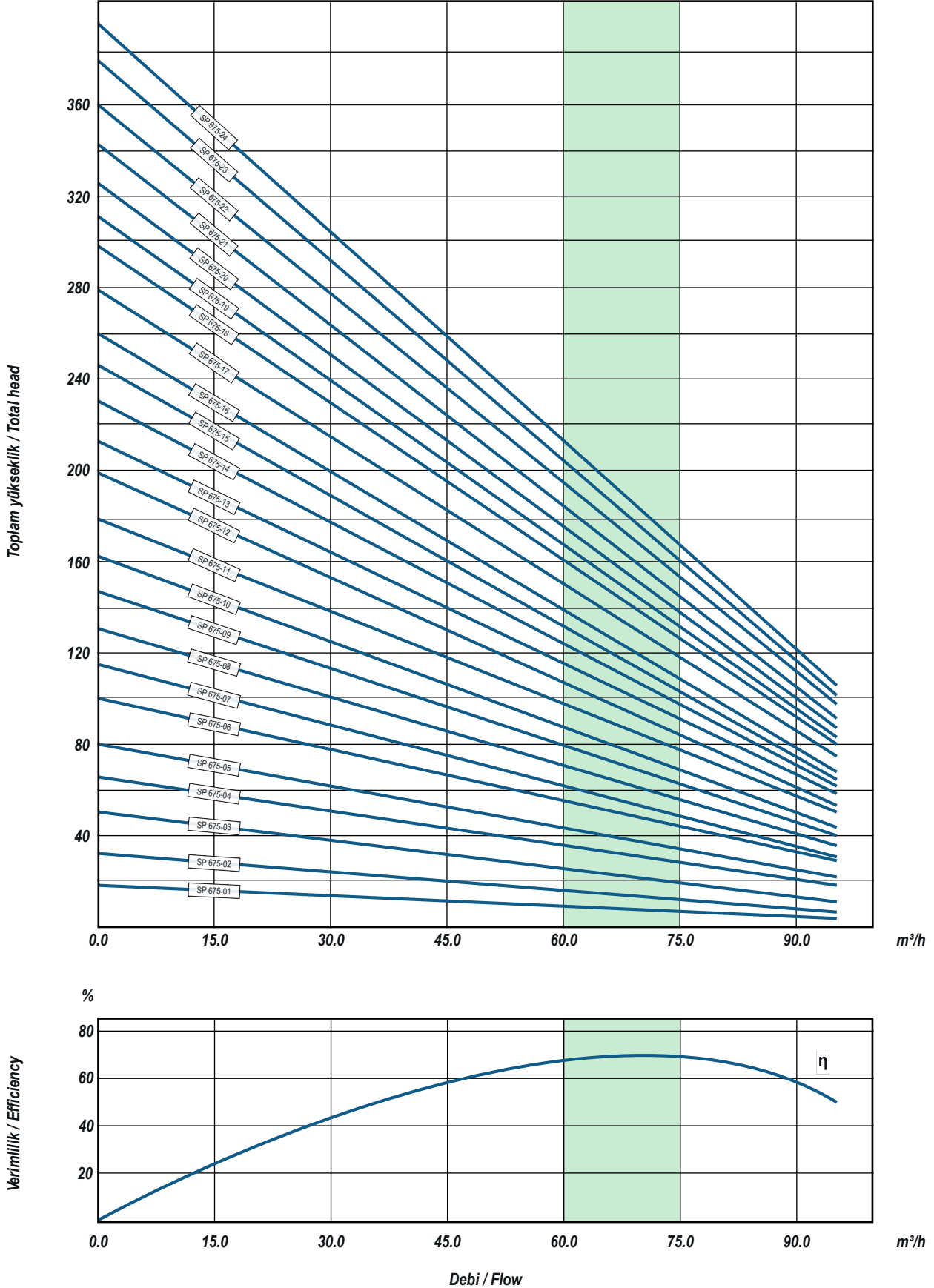




Hidrolik Performans Tablosu 50 Hz/ Table of Hydraulic Performance at 50 Hz

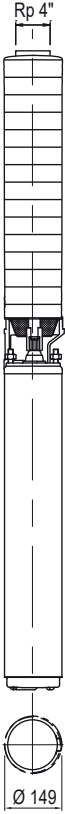
Pompa Modeli (Pump Model)	Çıkış Gücü (Output Power)		Q= Debi / Flow										Uzunluk (Length)	Ağırlık (Weight)
			(m³/h)	0	55,00	70,00	75,00	80,00	85,00	95,00				
	kW	Hp	(l/sec)	0,0	15,28	19,44	20,83	22,22	23,61	26,39			mm	kg
SP 675-01	3,0	4,0	MSS / MPH	17	11	9	8	7	7	5			439	11
SP 675-02	5,5	7,5		32	21	18	16	14	13	9			580	14
SP 675-03	7,5	10,0		50	31	28	26	21	19	14			721	17
SP 675-04	11,0	15,0		66	42	38	33	29	27	18			862	20
SP 675-05	13,0	17,5		81	52	47	42	36	34	22			1003	23
SP 675-06	15,0	20,0		98	63	57	51	44	41	27			1144	26
SP 675-07	18,5	25,0		114	73	67	59	51	48	31			1285	29
SP 675-08	18,5	25,0		131	84	76	68	59	55	36			1426	32
SP 675-09	22,0	30,0		147	94	86	76	66	62	40			1567	35
SP 675-10	26,0	35,0		163	105	96	85	74	69	44			1708	38
SP 675-11	30,0	40,0		180	115	106	93	81	76	49			1849	41
SP 675-12	30,0	40,0		196	126	115	102	89	83	53			1990	44
SP 675-13	37,0	50,0		212	136	125	110	96	90	58			2131	47
SP 675-14	37,0	50,0		228	147	135	119	104	97	62			2272	50
SP 675-15	37,0	50,0		245	157	144	127	111	104	66			2413	53
SP 675-16	45,0	60,0		261	168	154	136	119	111	71			2554	57
SP 675-17	45,0	60,0		277	178	164	144	126	118	75			2695	60
SP 675-18	45,0	60,0		294	189	173	153	134	125	80			2836	63
SP 675-19	45,0	60,0		310	199	183	161	141	132	84			2977	66
SP 675-20	52,0	70,0		326	210	193	170	149	139	88			3118	69
SP 675-21	52,0	70,0		343	220	203	178	156	146	93			3259	72
SP 675-22	52,0	70,0		359	231	212	187	164	153	97			3400	75
SP 675-23	55,0	75,0		375	241	222	195	171	160	102			3541	78
SP 675-24	55,0	75,0		391	252	232	204	179	167	106			3682	81

MEI $\geq 0,40$

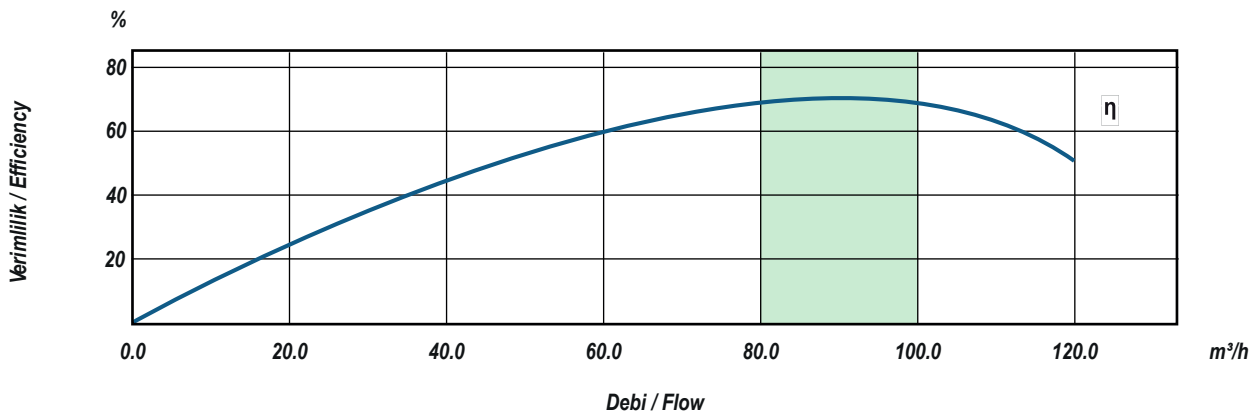
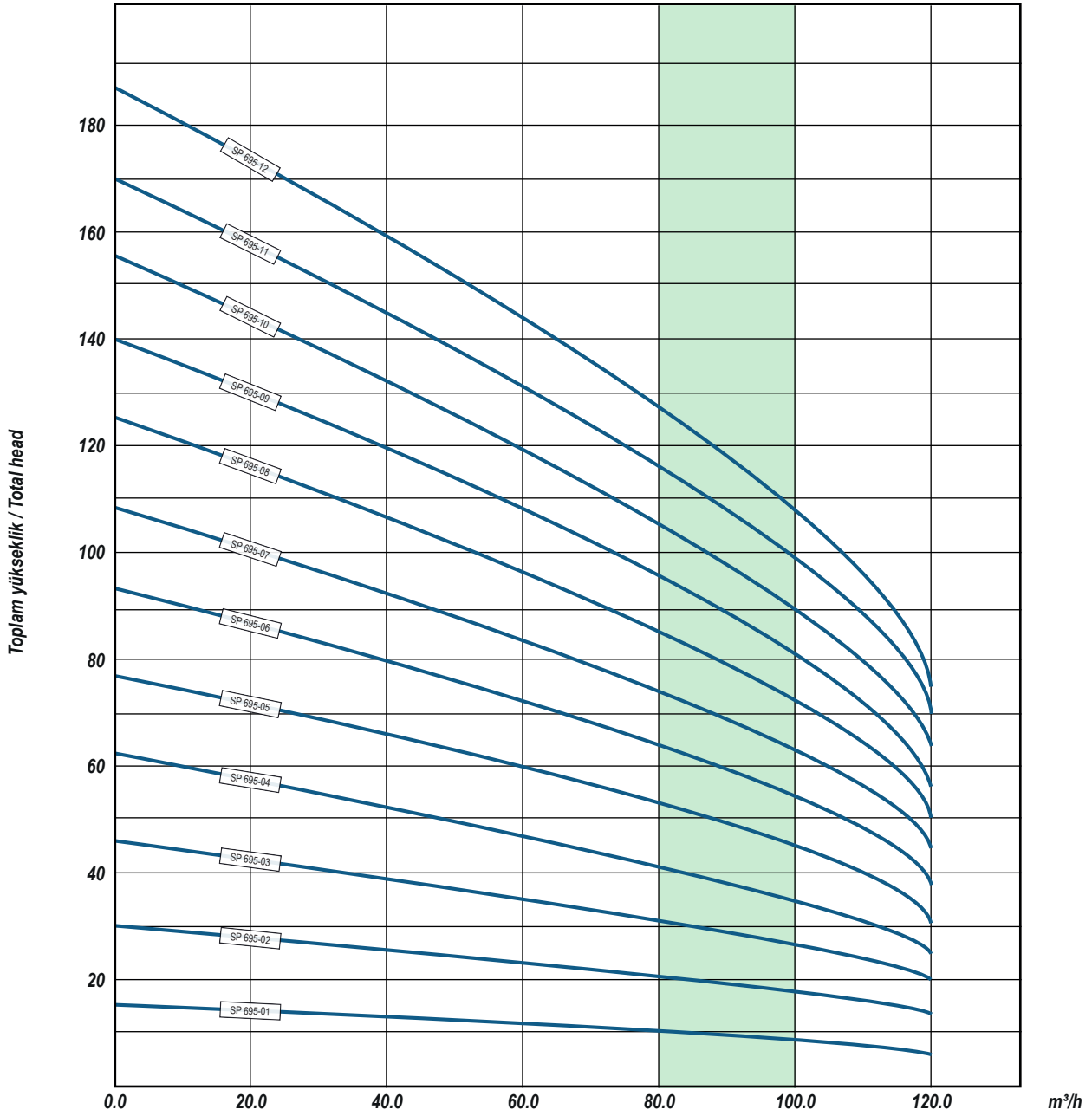


Hidrolik Performans Tablosu 50 Hz/ Table of Hydraulic Performance at 50 Hz

Pompa Modeli (Pump Model)	Çıkış Gücü (Output Power)		Q= Debi / Flow										Uzunluk (Length)	Ağırlık (Weight)
			(m³/h)	0	75,00	90,00	100,0	105,0	110,0	120,0				
	kW	Hp	(l/sec)	0,0	20,83	25,00	27,78	29,17	30,56	33,33			mm	kg
SP 695-01	4,0	5,5	MSS / MPH	15	11	10	9	8	8	6			439	11
SP 695-02	7,5	10,0		31	22	20	18	17	16	13			580	14
SP 695-03	11,0	15,0		46	33	30	27	25	23	19			721	17
SP 695-04	15,0	20,0		62	44	40	36	33	31	25			862	20
SP 695-05	18,5	25,0		77	55	50	45	42	39	31			1003	23
SP 695-06	22,0	30,0		93	66	60	54	50	47	38			1144	26
SP 695-07	26,0	35,0		108	77	70	63	59	55	44			1285	29
SP 695-08	30,0	40,0		124	88	80	72	67	62	50			1426	32
SP 695-09	37,0	50,0		139	98	90	81	75	70	56			1567	35
SP 695-10	37,0	50,0		155	109	100	90	84	78	63			1708	38
SP 695-11	45,0	60,0		170	120	110	99	92	86	69			1849	41
SP 695-12	45,0	60,0		186	131	120	108	100	94	75			1990	44

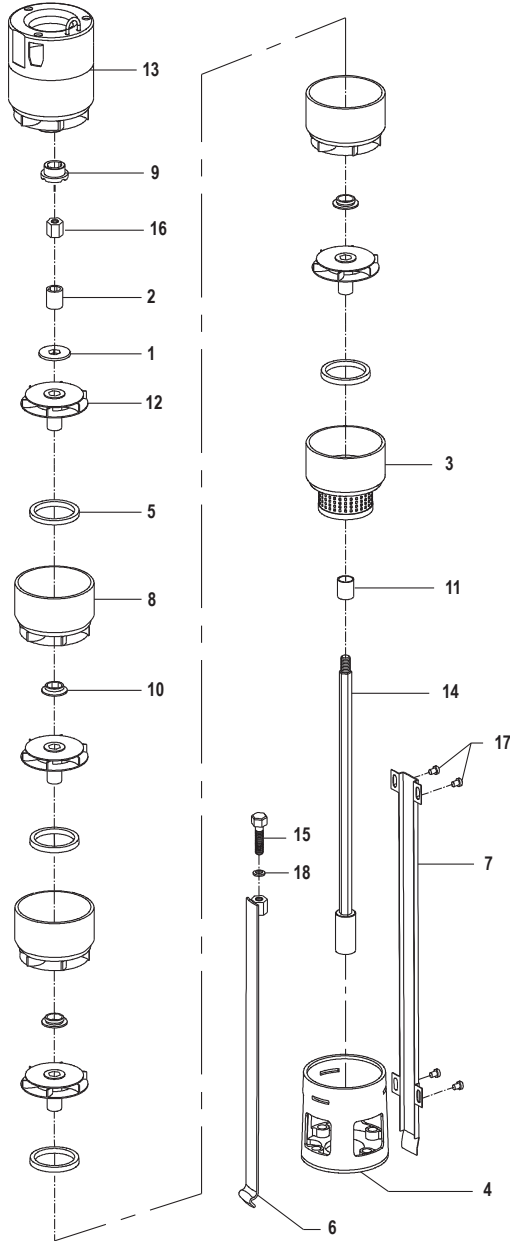


MEI ≥ 0,40



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

30 Kademeye Kadar/ Below 30 Stages



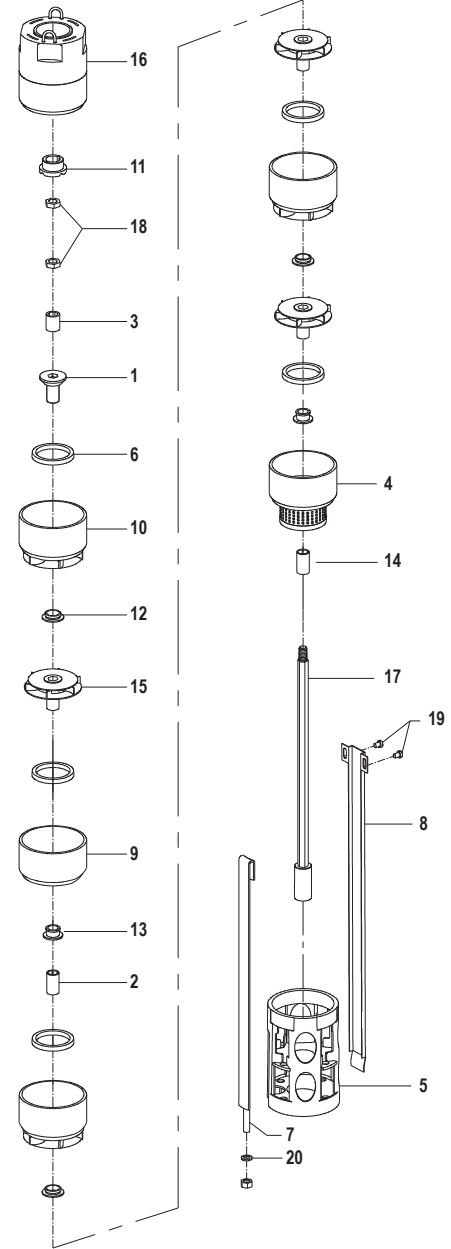
Referans Numarası	Açıklama	Malzeme Yapısı
1	Kabartma Rondelası	Paslanmaz Çelik (AISI 304)
2	Kol	Paslanmaz Çelik (AISI 304)
3	Hazne - Giriş Ağzı	Paslanmaz Çelik (AISI 304)
4	Emiş Ara Bağlantısı	Paslanmaz Çelik (AISI 304)
5	Aşınma Bileziği	Lastik
6	Askı Kilitleme	Paslanmaz Çelik (AISI 304)
7	Kablo Koruyucu	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	Upthrust 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 Ağız	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 Koruyucu	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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