ULUSOY

SU POMPALARI İML. SAN. ve TİC. A. Ş.

WATER PUMPS IND. and TRD. CO.

Dalgıç Pompa Kataloğu

Submersible Pump Catalogue

PASLANMAZ SAC

STAINLESS STEEL

ULUSOY
SU POMPALARI İML. SAN.VE TİC.A.Ş.
WATER PUMPS IND. and TRD. CO.

ULUSOY SU POMPALARI SAN. TİC. LTD. ŞTİ. olarak biz, su pompaları sektöründe kalitesi kabul görmüş ürün ve hizmet üreten Türkiye'nin ve dünyanın saygın kuruluşları arasına girmek ve müşterilerimizin koşulsuz memnuniyetini, tedarikçilerimizin ve çalışanlarımızın huzurunu temin etmek için ürün ve hizmetlerimizi bir kerede, zamanında, doğru, sürekli ve güvenilir olarak sunmayı hedef kabul ederiz.

Yıllar içerisinde kendi öz varlıklarıyla yapısını yenilediğimiz firmamızda, ürün çeşitliliği artırılmaya yönelik çalışmalarımız devam etmektedir.Kaliteli ürünün kaliteli girdi kulanımı ile mümkün olduğunun bilinci ve modern işleme tekniklerinin kullanımı ile ortaya çıkan ürünlerimizden memnun kalacağınızı umarız.

ULUSOY SU POMPALARI SAN. TİC. LTD. ŞTİ. olarak bizler, birlikte çalışacağınız bir ortak aradığınızda, daima yanınızda yer almaktan mutluluk duyacağız.

We as ULUSOY WATER PUMP INDUSTIRIES. LTD. CO. our goal is to be in the world's & Turkey's respected institutions which produce products & services with a accepted quality in Water Pumps industry and to provide unconditional satisfaction of our customers and to procure serenity to our employees by assuring our labor to be served at once, ontime, correct, constant & reliable.

Over the years, we update the structure of our company with its own net assets and we continue to work to increase the variety of products. Awareness of "product quality is possible with the use of high quality raw materials" and we hope you will be satisfied with the products emerged with the use of modern processing techniques.

We as ULUSOY WATER PUMP INDUSTIRIES. LTD. CO. will be pleased to be on yourside when you seek for a partner to cooperate.

- Yüksek Performans
- Yüksek Dayanım
- Düşük Enerji Tüketimi

- *High Performance*
- *High Strenght*
- *Low Energy Consumption*

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DALGIÇ POMPALAR
SUBMERSIBLE PUMPS
50 Hz

Pompa Tanımlama / *Pump Type key*

USS 4 03 / 9

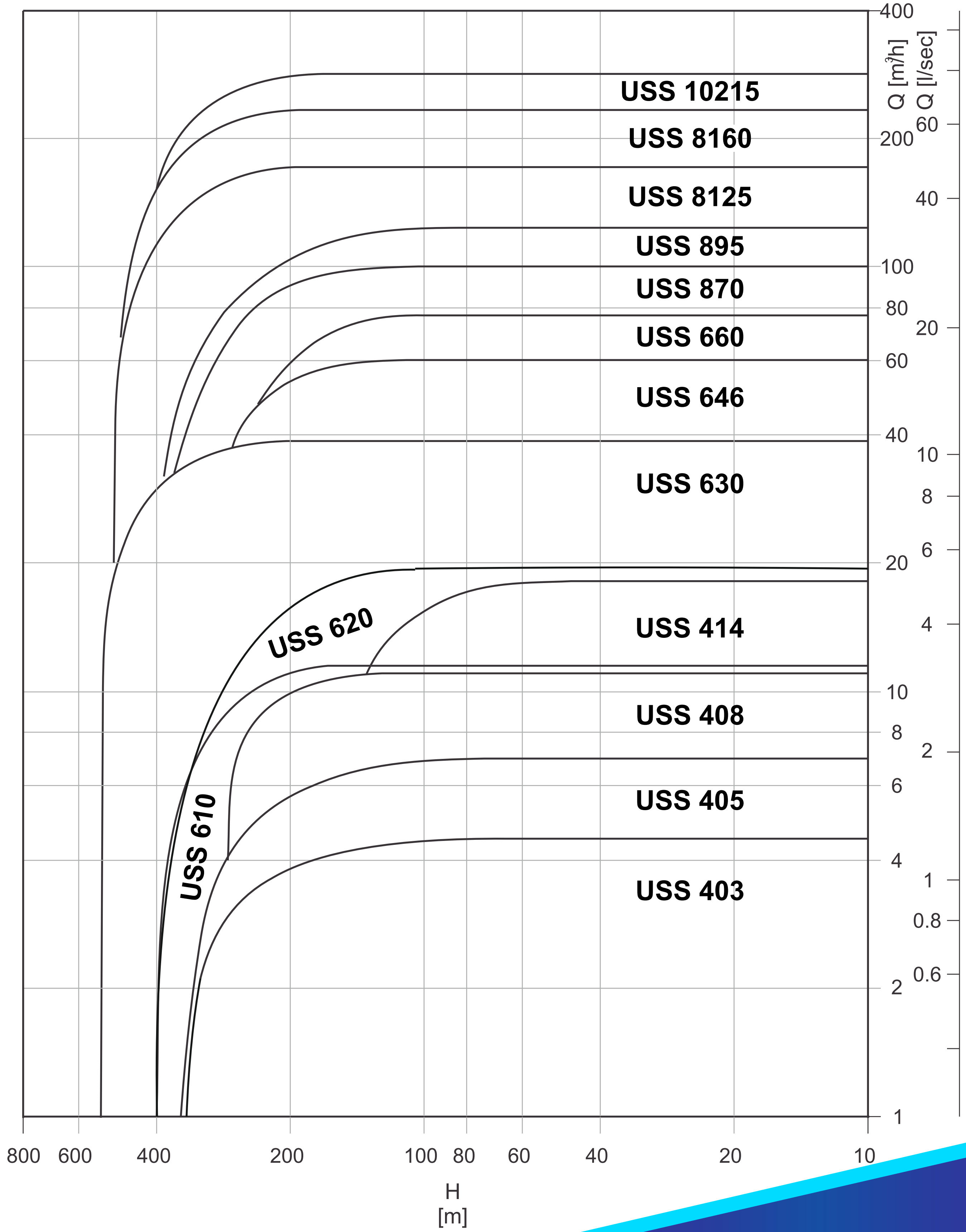
ULUSOY SUBMERSIBLE PUMP

Anma çapı
Nominal diameters

Fan tipi
Impeller type

Kademe sayısı
Stage number

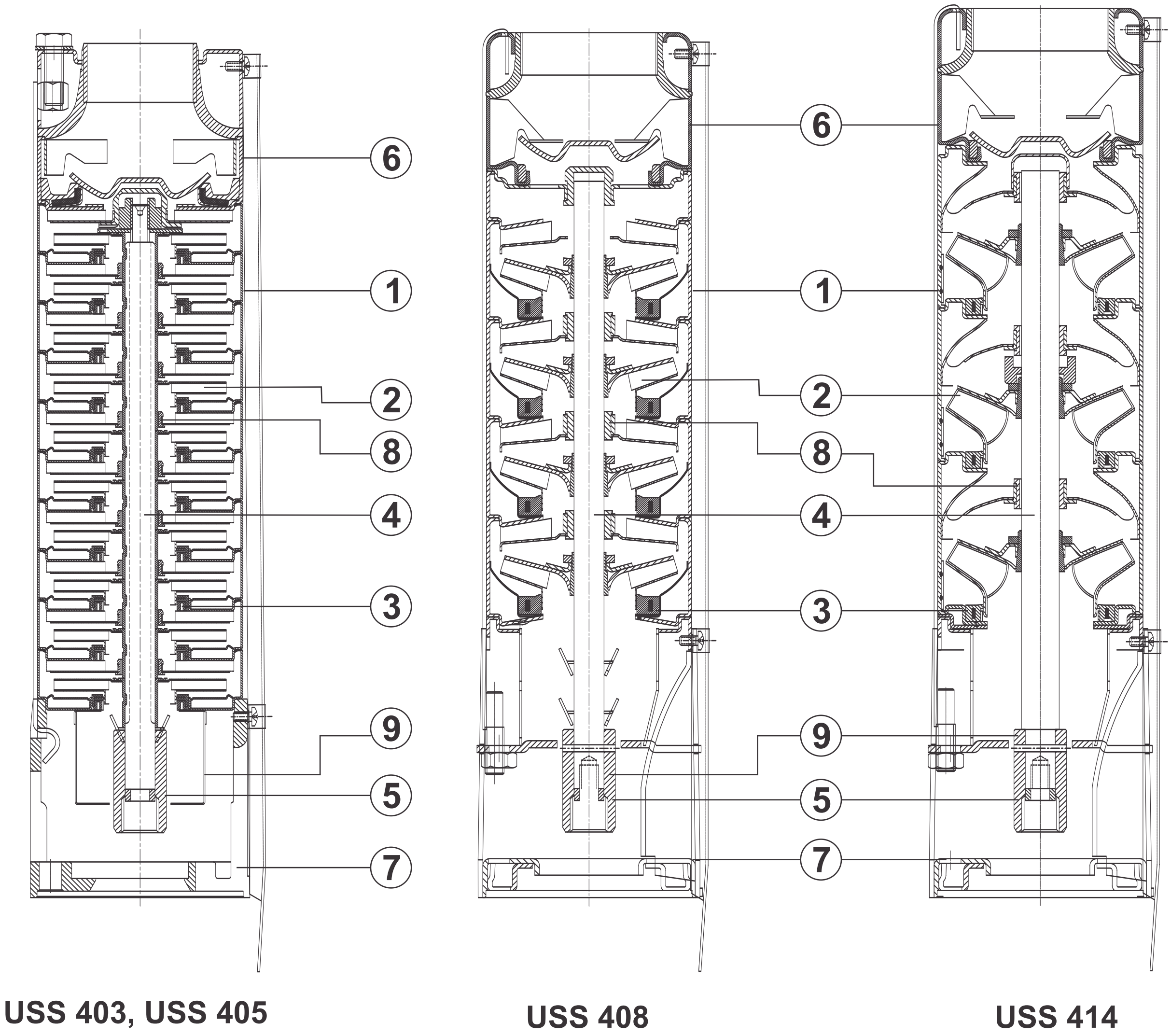
Performans Aralığı / *Performance Range*



Teknik Bilgi / *Technical Data*

Radyal ve Karışık Akışlı 4" Paslanmaz Çelik Dalgıç Pompa
Radial and Mixed Flow 4" Stainless Steel Submersible Pump

Parça Listesi / *Part List*



No	Parça Adı /*Part Name*	Pompa Tipi /*Pump Type* USS 403 , USS 405 USS 408 , USS 414
1	Difüzör /*Diffuser*	AISI 304
2	Fan /*Impeller*	AISI 304
3	Aşınma Halkası /*Wear Ring*	NBR
4	Mil /*Shaft*	AISI 431
5	Kaplin / *Coupling*	AISI 316
6	Çıkış / *Delivery Casing*	AISI 304
7	Emiş / *Suction Case*	AISI 304
8	Yatak Burcu / *Bearing Bush*	NBR
9	Filitre / *Strainer*	AISI 304

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Teknik Bilgi / *Technical Data*

Radyal Akışlı 4" Paslanmaz Çelik Dalgıç Pompa
Radial Flow 4" Stainless Steel Submersible Pump

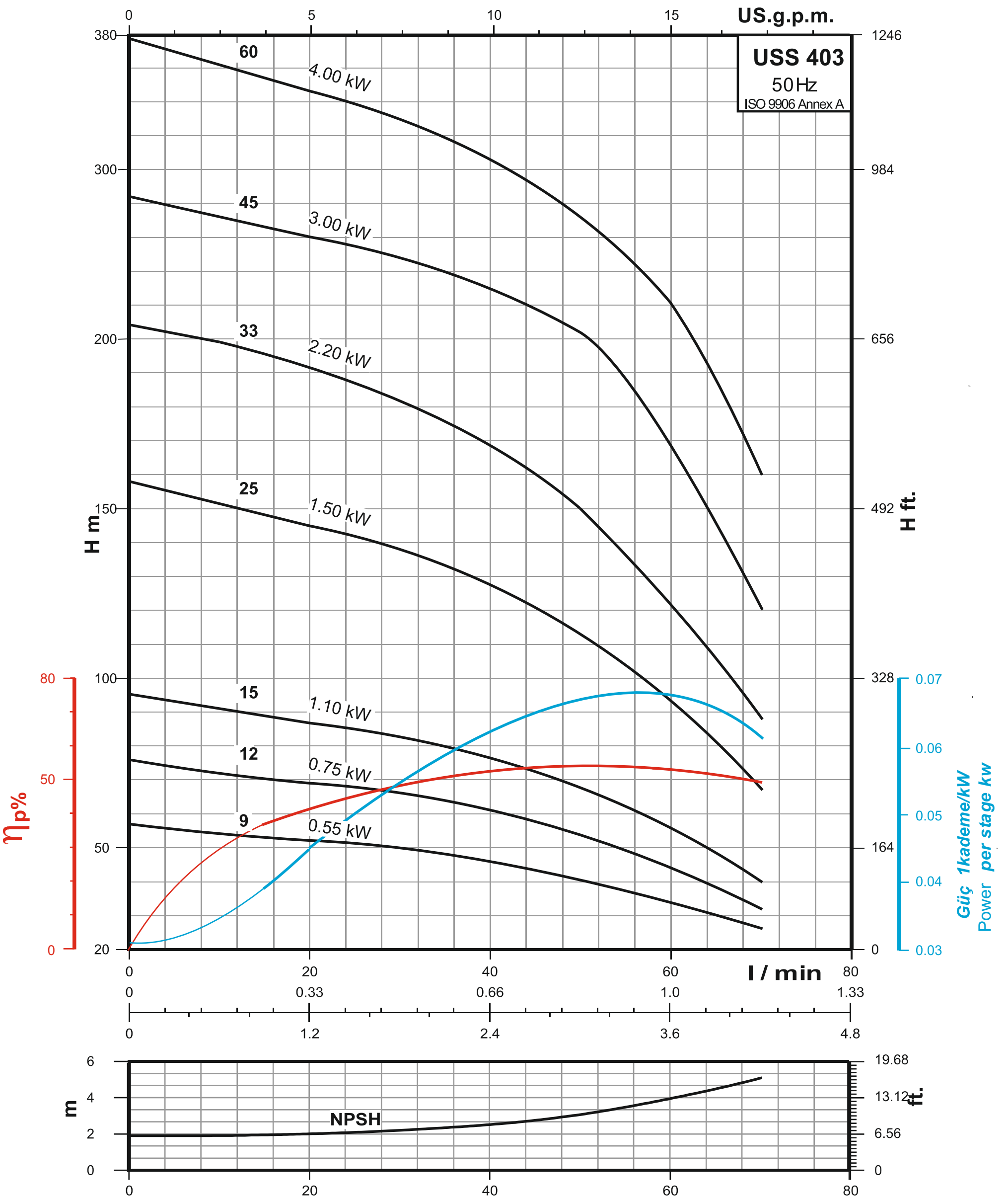
USS 403

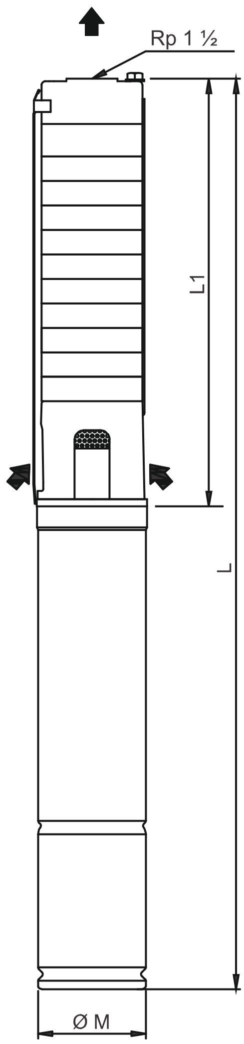
Fan Tipi *Impeller Type*	Radyal *Radial*	Maks.Randımanda H (tek kd.) *Max.Flow Rate In H (single stage)*	4.53 m	Maks.Randımanda Debi *Max.Flow Rate In Efficiency*	0.85 l/s
Maks.Randıman *Max. Efficiency*	54.0%	Maks.Randımanda Güç(P2) (tek kd.) *Max.Flow Rate In Power (P2)(single stage)*	0.0683 kW	Maks.Güç(P2) (tek kd.) *Max.Power (P2) (single stage)*	0.0684 kW

Performans Tablosu / ***Performance Chart***

Ölçüler & Ağırlıklar
Dimensions & Weights

Pompa Tipi *Pump Type*	Motor Tipi *Type*	HP	kW	Nominal Akım *Current*		Q	n = 2900 d/d rpm								ØM (mm)	ØE (mm)	Boy *Length (mm)*			Ağırlık *Net Weight (kg)*		
						l/sec	0	0.16	0.33	0.50	0.67	0.83	1.00	1.16				L			Pump+Motor	
						m³/h	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2			L1	1 ~	3 ~	Pump	1 ~	3 ~
				220V	380V	l/min	0	10	20	30	40	50	60	70								
USS 403/9	USM 4007	0.75	0.55	4.80	1.70	H m	57	54	52	50	46	41	33	24	95	97	344	679	729	4.1	12.1	12.1
USS 403/12	USM 4010	1.00	0.75	6.30	2.20		76	72	69	66	61	54	44	32	95	97	407	767	812	5.1	14.1	14.1
USS 403/15	USM 4015	1.50	1.10	8.60	3.00		95	91	87	83	76	68	56	40	95	97	470	860	895	5.9	16.9	15.9
USS 403/25	USM 4020	2.00	1.50	10.6	3.90		158	151	145	138	127	113	93	67	95	97	680	1115	1112	8.4	20.4	19.4
USS 403/33	USM 4030	3.00	2.20	14.6	5.40		208	199	191	182	168	150	122	88	95	97	848	1328	1300	10.0	24.0	24.0
USS 403/45	USM 4040	4.00	3.00	*	7.30		284	272	260	248	229	204	167	120	95	97	1145	*	1726	12.6	*	31.6
USS 403/60	USM 4055	5.50	4.00	*	9.70		378	362	347	330	305	272	222	160	95	97	1460	*	2081	15.8	*	36.8





Performans eğrileri 15 °C sıcaklıkta, 1 atm. basınç altında,fiziksel değerleri kinematik viskozite ν = 1mm² /s ve yoğunluk ρ = 1000 kg / m³ olan temiz su baz alınarak hazırlanmıştır.
Performance curves are based on temp.15 °C , with pressure 1 atm. , physical values kinematic viscosity ν = 1mm² /sec and density ρ = 1000 kgs / m³ .
Firmamız , ürünler üzerinde haber vermeksizin değişiklik yapma hakkına sahiptir. *We reserve the right to make the changes on products without notice.*

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Teknik Bilgi / *Technical Data*

Radyal Akışlı 4" Paslanmaz Çelik Dalgıç Pompa

Radial Flow 4" Stainless Steel Submersible Pump

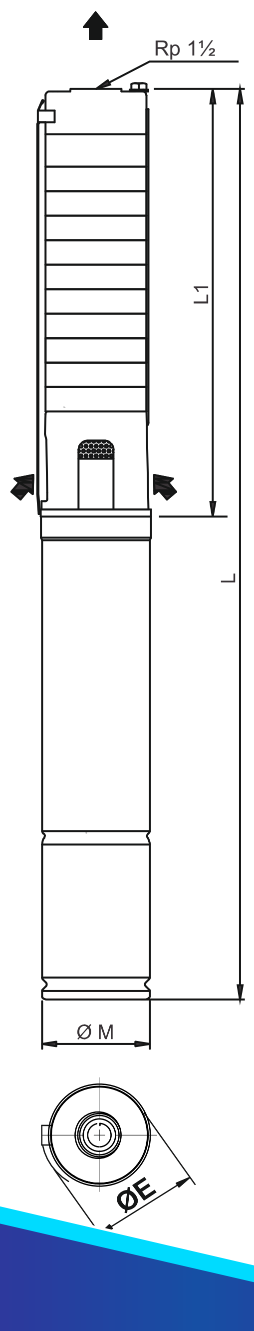
USS 405

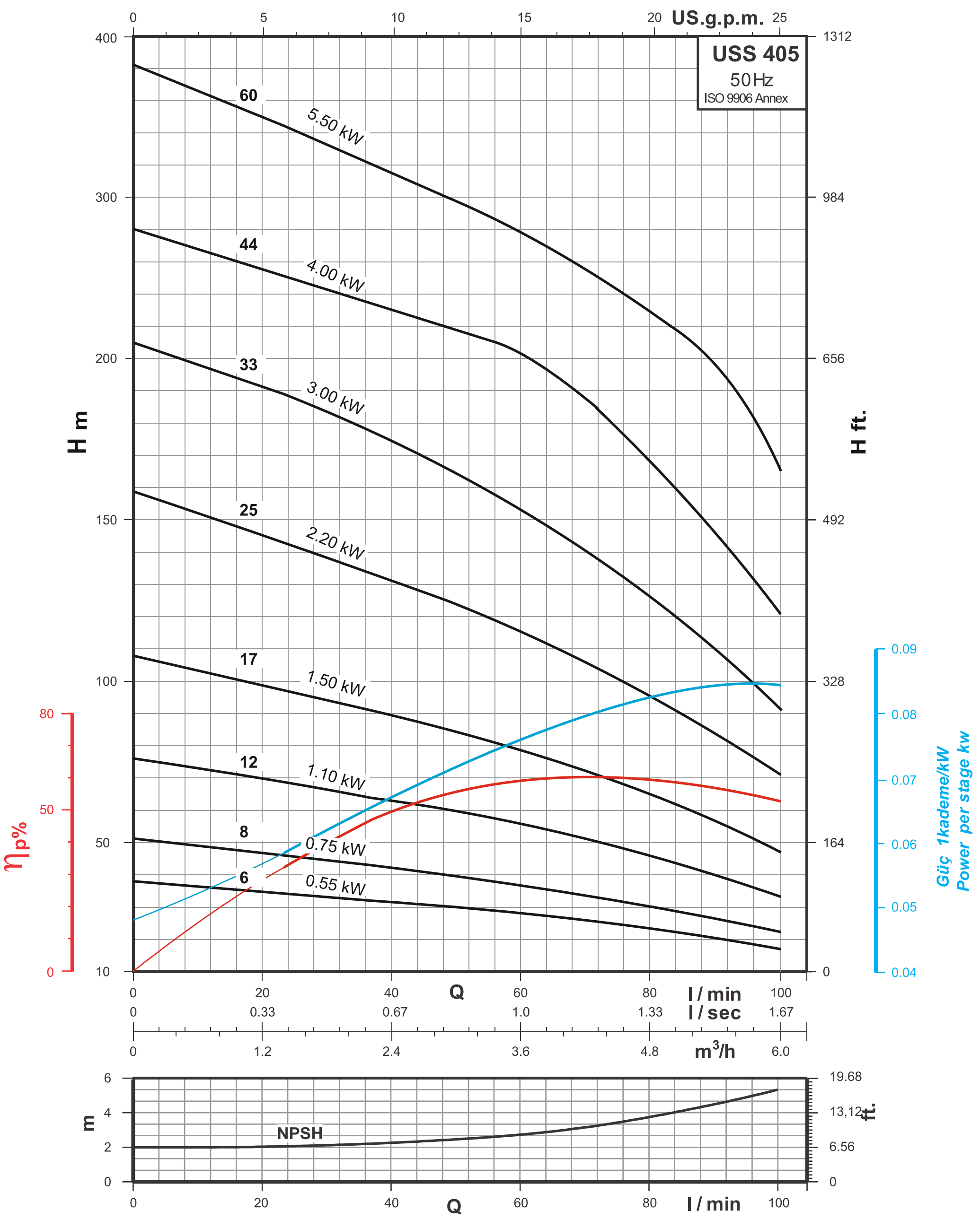
Fan Tipi *Impeller Type*	Radyal *Radial*	Maks.Randımanda H (tek kd.) *Max.Flow Rate In H (single stage)*	4.08 m	Maks.Randımanda Debi *Max.Flow Rate In Efficiency*	1.28 l/s
Maks.Randıman *Max. Efficiency*	61.0%	Maks.Randımanda Güç(P2) (tek kd.) *Max.Flow Rate In Power (P2)(single stage)*	0.0839 kW	Maks.Güç(P2) (tek kd.) *Max.Power (P2) (single stage)*	0.0844 kW

Performans Tablosu / *Performance Chart*

Ölçüler & Ağırlıklar / *Dimensions & Weights*

Pompa Tipi *Pump Type*	Motor Tipi *Type*	HP	kW	Nominal Akım *Current* 220V	Nominal Akım *Current* 380V	Q l/sec m³/h l/min	n = 2900 d/d rpm 0 0 0	0.39 1.4 23	0.61 2.2 37	0.81 2.9 48	1.00 3.6 60	1.19 4.3 72	1.39 5.0 83	1.67 6.0 100	ØM (mm)	ØE (mm)	Boy *Length (mm)* L1	L 1 ~	L 3 ~	Ağırlık *Net Weight (kg)* Pump	Pump+Motor 1 ~	Pump+Motor 3 ~
USS 405/6	USM 4007	0.75	0.55	4.80	1.70	H m	38	34	32	30	28	25	22	17	95	97	282	617	667	3.4	11.4	11.4
USS 405/8	USM 4010	1.00	0.75	6.30	2.20		51	46	43	40	37	33	29	22	95	97	324	684	729	3.8	12.8	12.8
USS 405/12	USM 4015	1.50	1.10	8.60	3.00		76	69	64	60	56	50	44	33	95	97	408	798	833	5.1	16.1	15.1
USS 405/17	USM 4020	2.00	1.50	10.5	3.90		108	97	91	85	79	71	62	47	95	97	513	948	945	6.3	18.3	17.3
USS 405/25	USM 4030	3.00	2.20	14.6	5.40		159	143	133	125	116	104	92	69	95	97	681	1329	1133	8.4	22.4	22.4
USS 405/33	USM 4040	4.00	3.00	*	7.30		210	189	176	165	153	138	121	91	95	97	849	*	1430	10.0	*	29.0
USS 405/44	USM 4055	5.50	4.00	*	9.70		280	252	235	220	205	183	161	121	95	97	1124	*	1745	12.4	*	33.4
USS 405/60	USM 4075	7.50	5.50	*	13.0		382	344	320	300	279	250	220	165	95	97	1460	*	2200	15.8	*	40.8





Performans eğrileri 15 °C sıcaklıkta, 1 atm. basınÂ altında,fiziksel değerleri kinematik viskozite ν = 1mm² /s ve yoğunluk ρ = 1000 kg / m³ olan temiz su baz alınarak hazırlanmıştır.
Performance curves are based on temp.15 °C , with pressure 1 atm. , physical values kinematic viscosity ν = 1mm² /sec and density ρ = 1000 kgs / m³ .
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Teknik Bilgi / *Technical Data*

Karışık Akışlı 4" Paslanmaz Çelik Dalgıç Pompa
Mixed Flow 4" Stainless Steel Submersible Pump

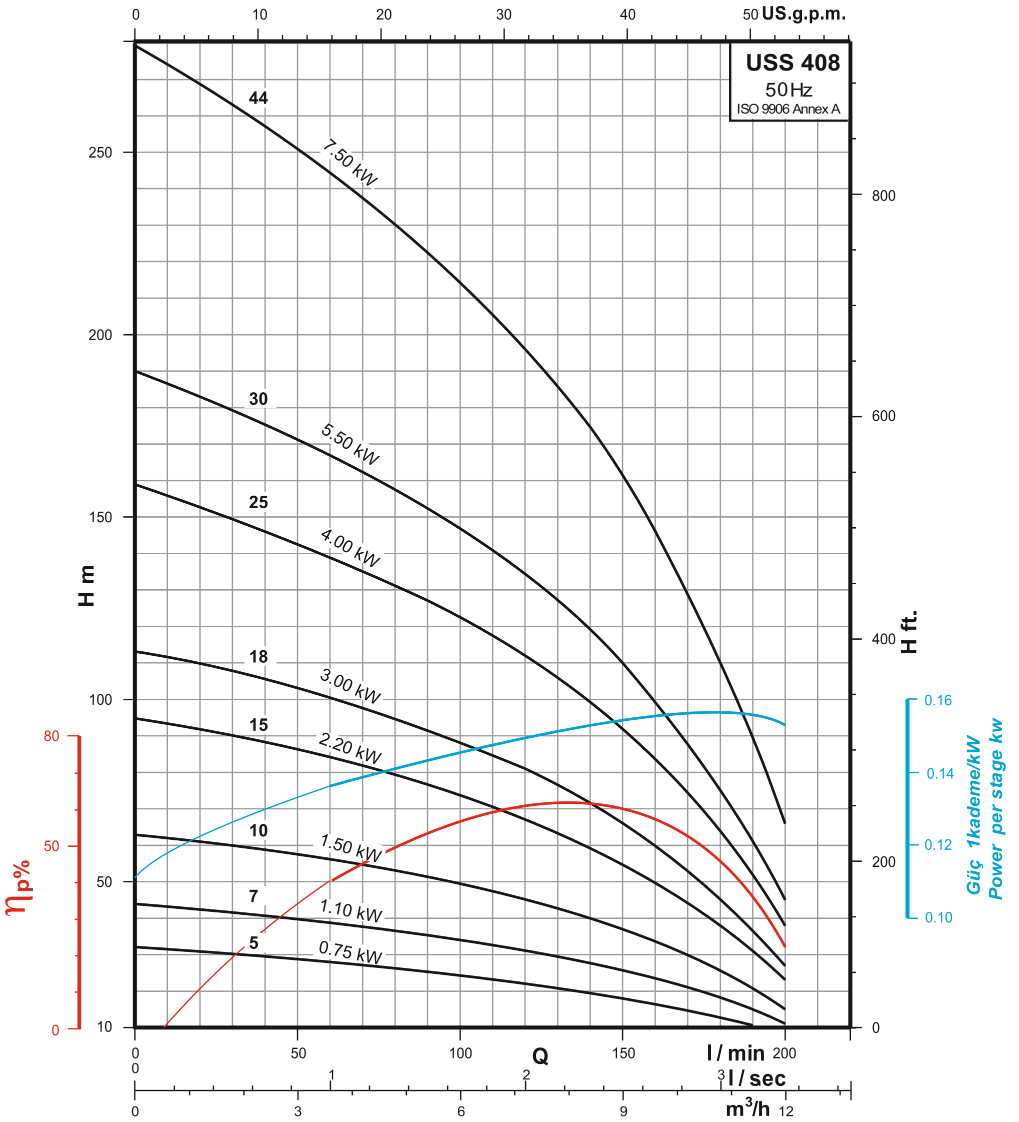
USS 408

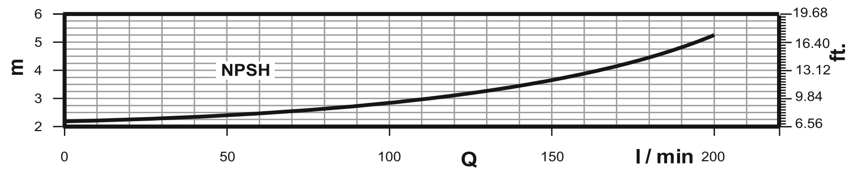
Fan Tipi *Impeller Type*	Karışık *Mixed*	Maks.Randımanda H (tek kd.) *Max.Flow Rate In H (single stage)*	4.14 m	Maks.Randımanda Debi *Max.Flow Rate In Efficiency*	2.22 l/s
Maks.Rand. *Max. Efficiency*	62.0%	Maks.Randımanda Güç(P2) (tek kd.) *Max.Flow Rate In Power (P2)(single*	0.145 kW	Maks.Güç(P2) (tek kd.) *Max.Power (P2) (single stage)*	0.156 kW

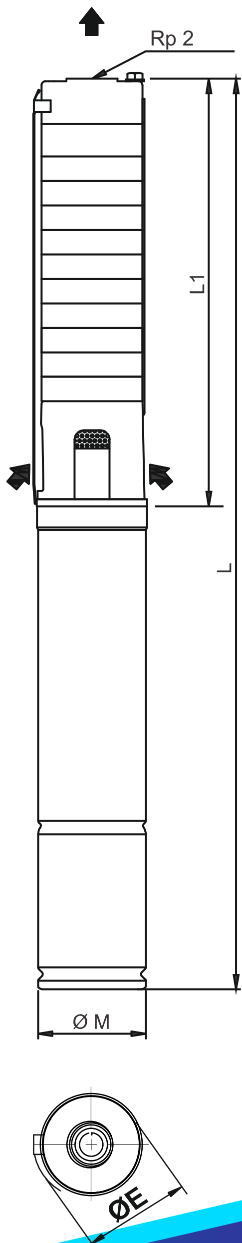
Performans Tablosu /*Performance Chart*

Ölçüler & Ağırlıklar *Dimensions & Weights*

Pompa Tipi *Pump Type*	Motor Tipi *Type*	HP	kW	Nominal Akım *Current*		Q	n = 2900 d/d rpm								ØM (mm)	ØE (mm)	Boy *Length (mm)*			Ağırlık *Net Weight (kg)*		
						l/sec	0	0.5	1.0	1.5	2.0	2.5	3.0	3.3								
						m³/h	0	1.8	3.6	5.4	7.2	9.0	10.8	12.0				L			Pump+Motor	
				220V	380V	l/min	0	30	60	90	120	150	180	200			L1	1 ~	3 ~	Pump	1 ~	3 ~
USS 408/5	USM 4010	1.00	0.75	6.30	2.20		32	30	28	25	22	18	13	8	95	97	409	769	814	4.0	13.0	13.0
USS 408/7	USM 4015	1.50	1.10	8.60	3.00		44	42	39	35	31	26	18	11	95	97	493	883	918	5.2	16.2	15.2
USS 408/10	USM 4020	2.00	1.50	10.5	3.90	H	63	60	56	51	45	37	25	15	95	97	619	1054	1051	6.7	18.7	17.7
USS 408/15	USM 4030	3.00	2.20	14.6	5.40	m	95	90	84	76	67	55	39	23	95	97	703	1183	1155	7.7	21.7	21.7
USS 408/18	USM 4040	4.00	3.00	*	7.30		114	108	100	91	81	66	45	27	95	97	955	*	1536	9.2	*	28.2
USS 408/25	USM 4055	5.50	4.00	*	9.70		159	149	139	127	112	92	64	38	95	97	1249	*	1870	14.4	*	35.4
USS 408/30	USM 4075	7.50	5.50	*	13.0		190	179	167	152	134	110	75	45	95	97	1459	*	2199	16.9	*	41.9
USS 408/44	USM 4100	10.0	7.50	*	17.6		279	263	245	223	197	162	110	66	95	97	2109	*	2969	24.9	*	55.9







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Teknik Bilgi / *Technical Data*

Karışık Akışlı 4" Paslanmaz Çelik Dalgıç Pompa
Mixed Flow 4" Stainless Steel Submersible Pump

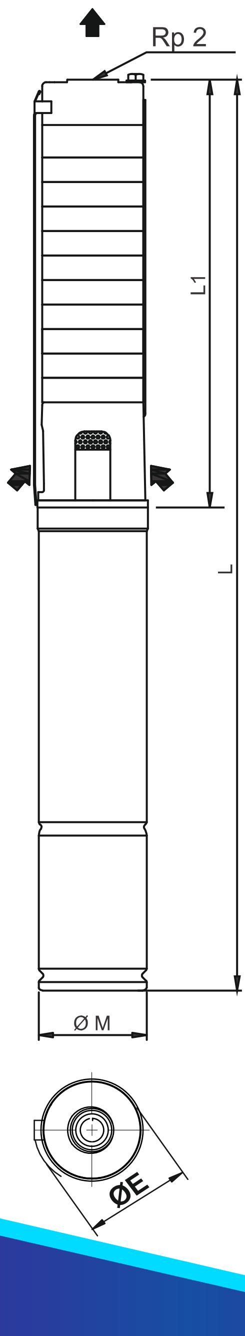
USS 414

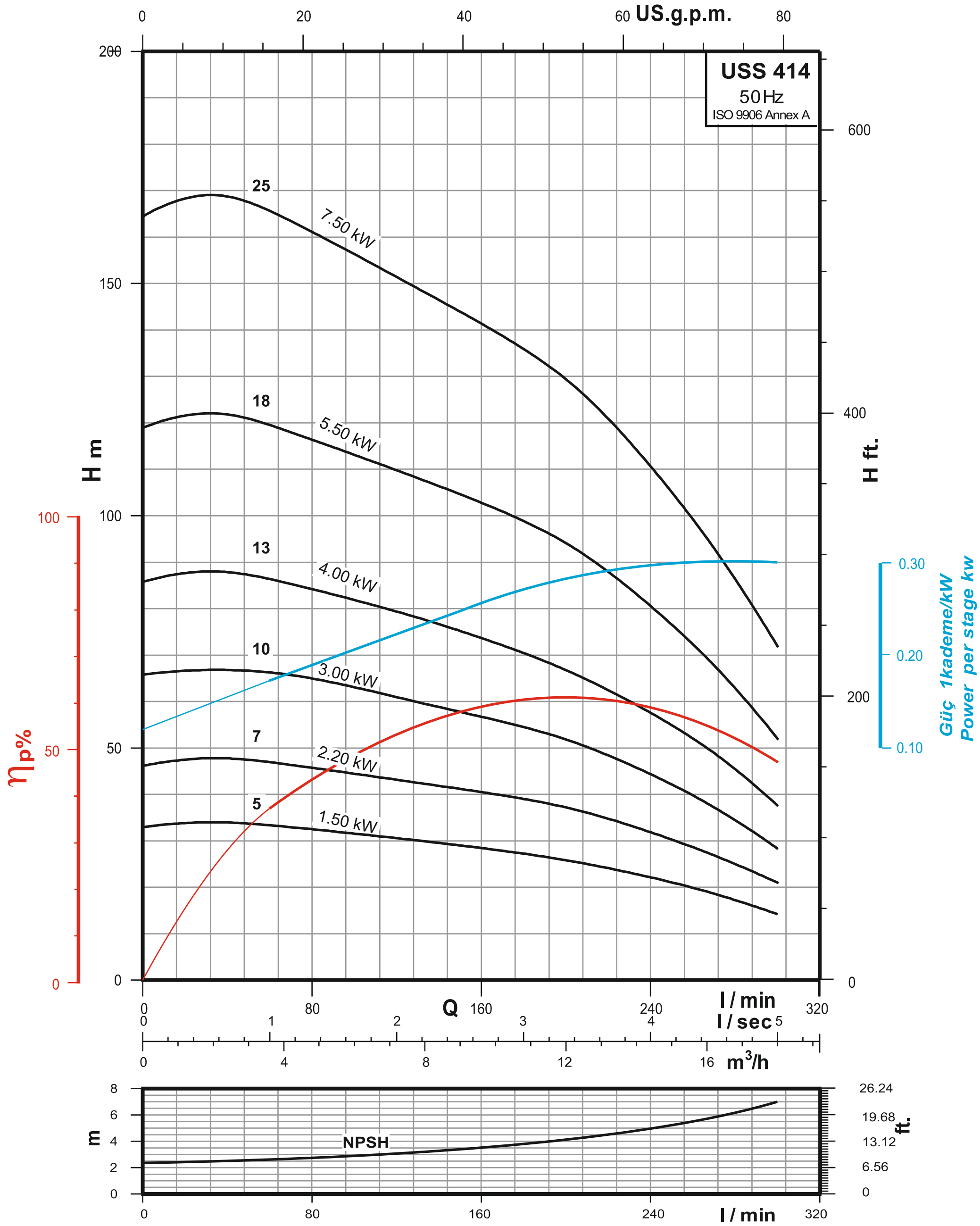
Fan Tipi *Impeller Type*	Karışık *Mixed*	Maks.Randımanda H (tek kd.) *Max.Flow Rate In H (single stage)*	5.16 m	Maks.Randımanda Debi *Max.Flow Rate In Efficiency*	3.33 l/s
Maks.Randıman *Max. Efficiency*	61.0%	Maks.Randımanda Güç(P2) (tek kd.) *Max.Flow Rate In Power (P2)(single stage)*	0.276 kW	Maks.Güç(P2) (tek kd.) *Max.Power (P2) (single stage)*	0.300 kW

Performans Tablosu / ***Performance Chart***

Ölçüler & Ağırlıklar
Dimensions & Weights

Pompa Tipi *Pump Type*	Motor Tipi *Type*	HP	kW	Nominal Akım *Current*		Q	n = 2900 d/d rpm								ØM (mm)	ØE (mm)	Boy *Length (mm)*			Ağırlık *Net Weight (kg)*		
						l/sec	0	1.0	2.0	2.5	3.0	3.5	4.0	5.0			L1	L		Pump	Pump+Motor	
						m^3/h	0	3.6	7.2	9.0	10.8	12.6	14.4	18.0				1 ~	3 ~		1 ~	3 ~
				220V	380V	l/min	0	60	120	150	180	210	240	300								
USS 414/5	**USM 4020**	2.00	1.50	10.5	3.90		44	42	39	35	31	26	18	11	95	97	510	945	942	6.3	18.2	17.2
USS 414/7	**USM 4030**	3.00	2.20	14.6	5.40	**H**	63	60	56	51	45	37	25	15	95	97	640	1120	1092	7.8	21.8	21.8
USS 414/10	**USM 4040**	4.00	3.00	*	7.30	**m**	95	90	84	76	67	55	39	23	95	97	835	*	1416	10.1	*	29.1
USS 414/13	**USM 4055**	5.50	4.00	*	9.70		114	108	100	91	81	66	45	27	95	97	1030	*	1651	12.5	*	37.5
USS 414/18	**USM 4075**	7.50	5.50	*	13.0		159	149	139	127	112	92	64	38	95	97	1355	*	2095	16.3	*	41.3
USS 414/25	**USM 4100**	10.0	7.50		17.6		190	179	167	152	134	110	75	45	95	97	1872	*	2732	22.0	*	53.0

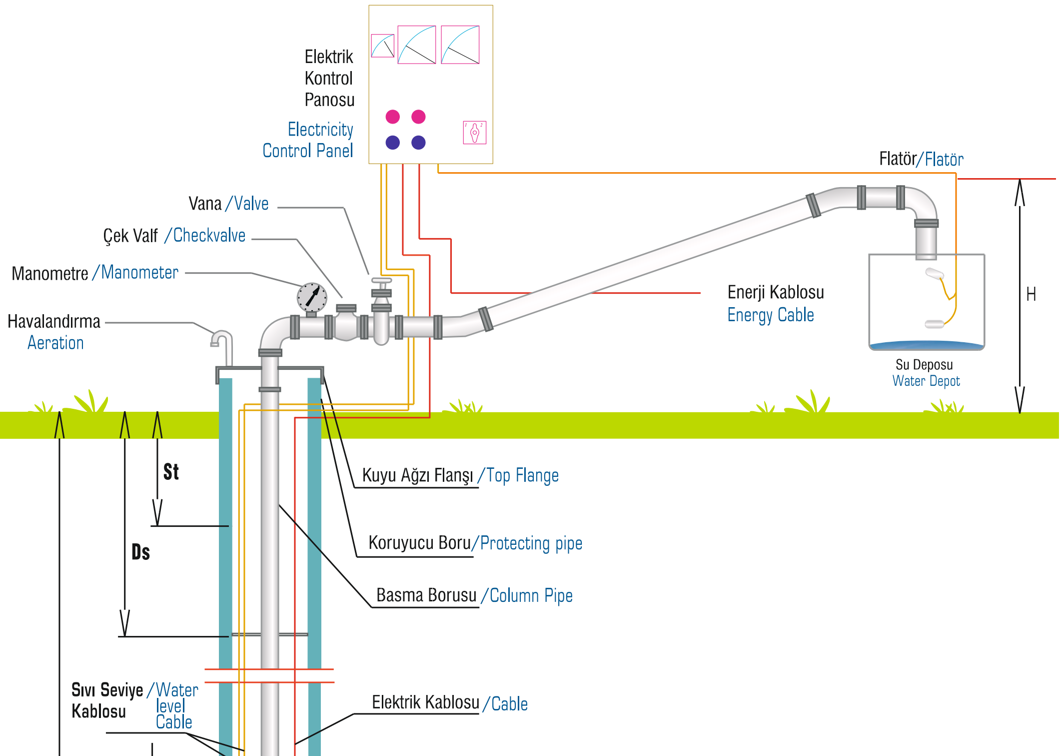


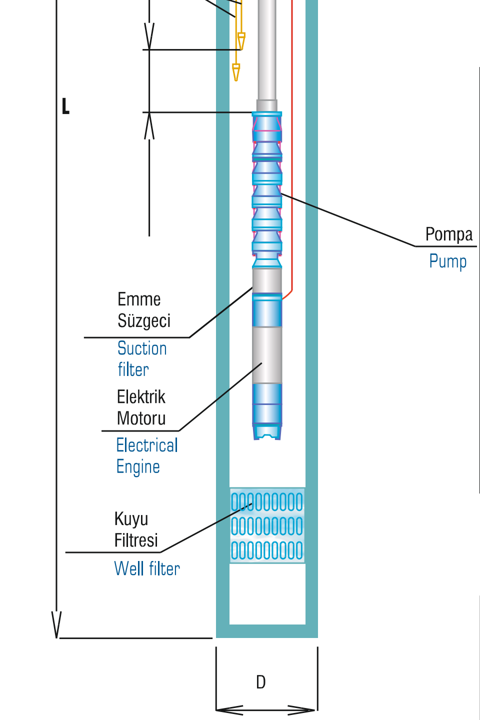


Performans eğrileri 15 °C sıcaklıkta, 1 atm. basınç altında,fiziksel değerleri kinematik viskozite ν = 1mm² /s ve yoğunluk ρ = 1000 kg / m³ olan temiz su baz alınarak hazırlanmıştır.
Performance curves are based on temp.15 °C , with pressure 1 atm. , physical values kinematic viscosity ν = 1mm² /sec and density ρ = 1000 kgs / m³ .

DALGIÇ POMPA MONTAJ ÖRNEĞİ VE SEÇİM KRİTERLERİ

DIVER PUMP MOUNTING SIMPLE AND SELECTION CIRITEROUS





TEKNİK TANIMLAR
TECHNICAL DEFINITIONS

KUYU ÇAPI (D_{kuyu}) *Well Diameter*	Sondaj kuyusuna konan borunun iç çapı (mm veya inc) *Internal diameterof the pipe installed in the drilling well (mm or inch)*
STATİK SU SEVİYESİ (St) *Statik Water Level*	Sondaj kuyusundan su alınmadan önce su seviyesinin yeryüzünden mesafesi (metre) *Distance of water level from the surface before taking out water from the drilling well (m)*
DİNAMİK SU SEVİYESİ (Ds) *Dynamic Water Level*	Kuyu verimine göre su alındığında su seviyesinin yeryüzünden mesafesi (metre) *Distance of water level from the surface when water is taken acc. to well yield (m³)*
DEBİ (Q) *Quantity*	Sondaj kuyusunun verimine uygun olarak kuyudan alınabilecek su miktarı (Lt/sn veya m/sa) *The quantity of water obtainable from the well acc. to the yield of drilling well (lt/sec orm³/h)*
KUYU DERİNLİĞİ (L) *Well Depth*	Sondaj kuyusunun toplam derinliği (metre) *Total depth of the drilling well (m)*
KOT FARKI (H) *Height Difference*	Suyun kuyu ağzından itibaren basıldığı yere olan yükseklik (m) *The distance of the water from the well level to the pumping place (m)*
SÜRTÜNME KAYIPLARI *Friction Losses*	Tablo 1-2 de belirtilen boru çapına ve aksesuara göre sürtünme kaybı toplamı *Total friction loss according to pipe diameter and accessories mentioned in Table 1-2*
AKMA BASINCI (Pa) *Flow Pressure*	Borunun çıkışında istenen basınç *The pressure required at the outlet of the pipe*

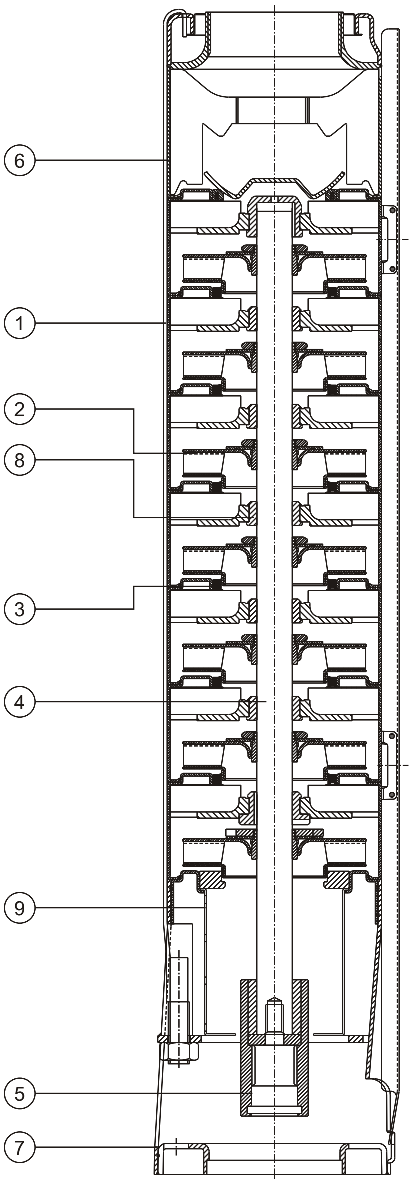
SEÇİM KRİTERLERİ
SELECTION CRITERIA

Dpompa < Dkuyu *Dpump < Dwell*	Pompa çapı sondaj kuyusundan küçük olmalı	*Pump diameter should be less than the drilling well*
Qpompa < Qkuyu *Dpump < Qwell*	Pompa debisi kuyu debisinden küçük olmalı	*Pump quantity should be less than qunatity of well*
Hpompa-Ds+H+SDP+Pa *Hpump-Ds+H+SDP+Pa*	Pompa Hm değeri: Dinamik su seviyesi, sürtünme kaybı, kot farkı ve akma basıncının toplam değerinden eşit ve büyük olmalı	*Pump Hm Value: It should be equal or more than dynamic water level, friction loss, level difference and total flow pressure value*

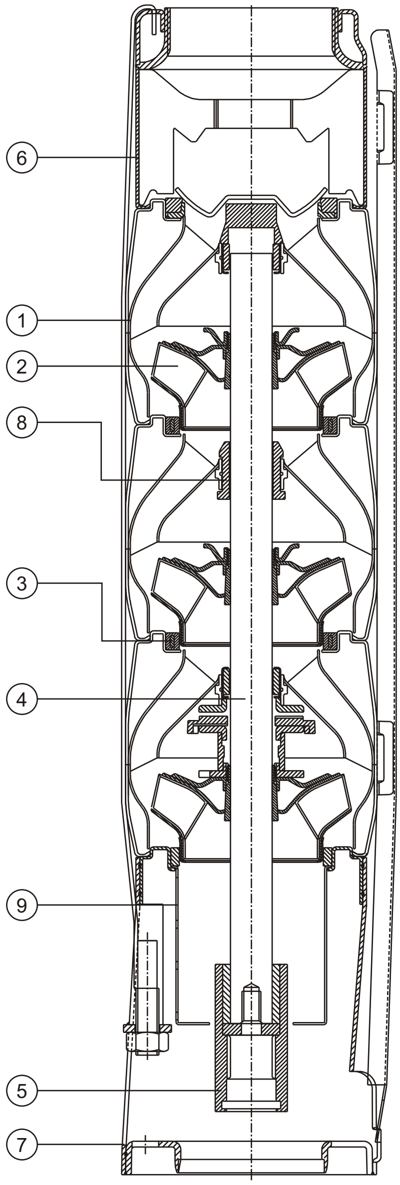
Teknik Bilgi / *Technical Data*

Radyal ve Karışık Akışlı 6" Paslanmaz Çelik Dalgıç Pompa
Radial and Mixed Flow 6" Stainless Steel Submersible Pump

Parça Listesi / *Part List*



USS 610 , USS620



USS 630 , USS646 , USS660

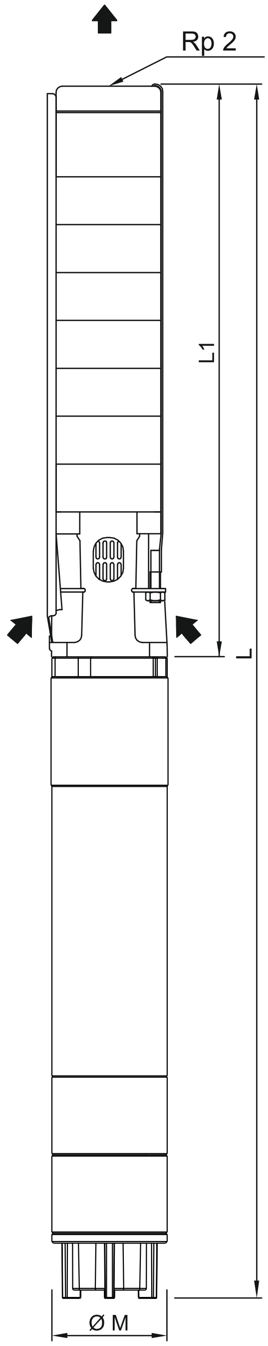
No	Parça Adı /*Part Name*	Pompa Tipi /*Pump Type* USS 610 , USS 620 , USS 630 USS 646 , USS 660
1	Difüzör /*Diffuser*	AISI 304
2	Fan /*Impeller*	
3	Aşınma Halkası /*Wear Ring*	NBR
4	Mil /*Shaft*	AISI 431
5	Kaplin / *Coupling*	AISI 316
6	Çıkış / *Delivery Casing*	AISI 304
7	Emiş / *Suction Case*	
8	Yatak Burcu / *Bearing Bush*	NBR
9	Filitre / *Strainer*	AISI 304

Teknik Bilgi / *Technical Data*

Radyal Akışlı 6" Paslanmaz Çelik Dalgıç Pompa

Radial Flow 6" Stainless Steel Submersible Pump

USS 610



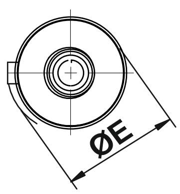
Fan Tipi *Impeller Type*	*Radyal Radial*	Maks.Randımanda H (tek kd.) *Max.Flow Rate In H (single stage)*	7.30 m
Maks.Randıman *Max. Efficiency*	57.0%	Maks.Randımanda Güç(P2) (tek kd.) *Max.Flow Rate In Power (P2)(single stage)*	0.33 kW
Maks.Randımanda Debi *Max.Flow Rate In Efficiency*	2.66 l/s	Maks.Güç(P2) (tek kd.) *Max.Power (P2) (single stage)*	0.34 kW

Performans Tablosu / *Performance Chart*

Pompa Tipi *Pump Type*	Motor Tipi *Type*	HP	kW	Nominal Akım *Current* 380V	Q	n = 2900 rpm						
					l/sec	0	1.0	1.5	2.0	2.5	3.0	3.5
					m^3/h	0	3.6	5.4	7.2	9.0	10.8	12.6
					l/min	0	60	90	120	150	180	210
USS 610/11	**USM 6005**	5.50	4.00	10.3	H m	114	107	102	94	85	71	52
USS 610/15	**USM 6007**	7.50	5.50	13.6		156	145	138	128	115	97	71
USS 610/19	**USM 6010**	10.0	7.50	17.3		197	184	175	163	146	123	90
USS 610/24	**USM 6012**	12.5	9.30	21.0		249	233	222	206	185	155	114
USS 610/29	**USM 6015**	15.0	11.0	25.0		301	281	268	248	223	187	138
USS 610/34	**USM 6017**	17.5	13.0	29.0		353	330	314	291	262	220	161
USS 610/39	**USM 6020**	20.0	15.0	33.0		405	378	360	334	300	252	185

Ölçüler & Ağırlıklar
Dimensions & Weights

Pompa +Motor *Pump + Motor*	ØM (mm)	ØE (mm)	Boy *Length (mm)* L1	L	Ağırlık *Net Weight (kg)* Pump	Pump+ Motor
USS 610/11 + USM 6005	142	142	768	1368	16.8	61.8
USS 610/15 + USM 6007	142	142	948	1603	22.8	72.8
USS 610/19 + USM 6010	142	142	1128	1843	28.8	83.8
USS 610/24 + USM 6012	142	142	1353	2108	36.3	95.3
USS 610/29 + USM 6015	142	142	1578	2373	43.8	105.8
USS 610/34 + USM 6017	142	142	1803	2663	51.3	115.3
USS 610/39 + USM 6020	142	142	2028	2948	58.8	134.8

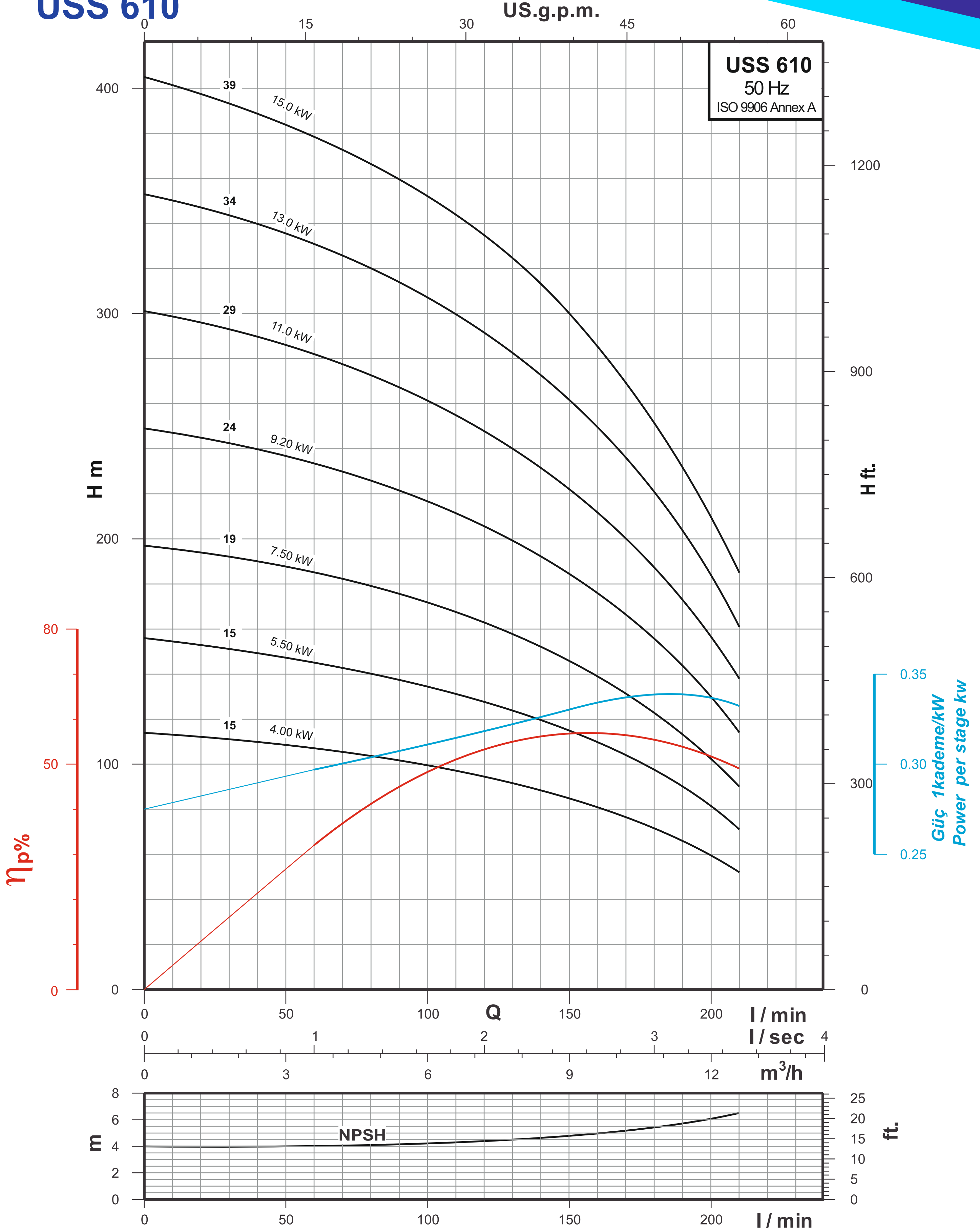


Teknik Bilgi / *Technical Data*

Radyal Akışlı 6" Paslanmaz Çelik Dalgıç Pompa

Radial Flow 6" Stainless Steel Submersible Pump

USS 610



Performans eğrileri 15 °C sıcaklıkta, 1 atm. basınç altında,fiziksel değerleri kinematik viskozite ν = 1mm² /s ve yoğunluk ρ = 1000 kg / m³ olan temiz su baz alınarak hazırlanmıştır.

Performance curves are based on temp.15 °C , with pressure 1 atm. , physical values kinematic viscosity ν = 1mm² /sec and density ρ = 1000 kgs / m³ .

Firmamız , ürünler üzerinde haber vermeksizin değişiklik yapma hakkına sahiptir. *We reserve the right to make the changes on products without notice.*

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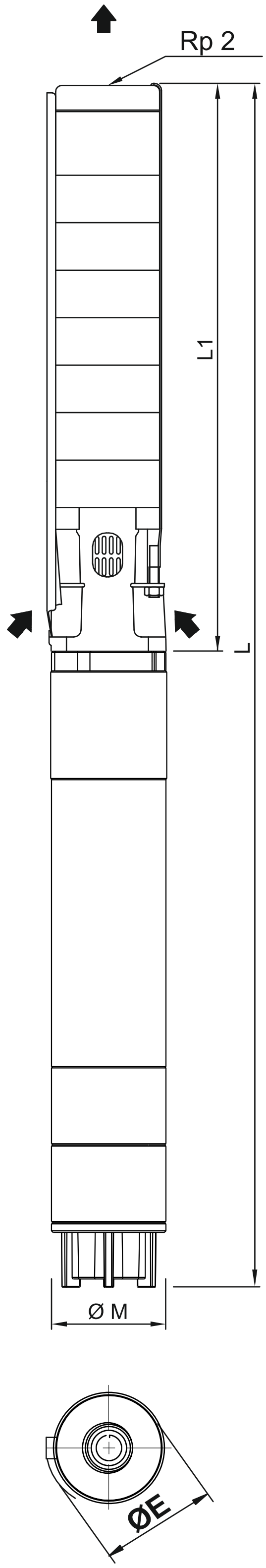
Teknik Bilgi / *Technical Data*

Radyal Akışlı 6" Paslanmaz Çelik Dalgıç Pompa

Radial Flow 6" Stainless Steel Submersible Pump

USS 620



Fan Tipi *Impeller Type*	*Radyal* *Radial*	Maks.Randımanda H (tek kd.) *Max.Flow Rate In H (single stage)*	7.20 m
Maks.Randıman *Max. Efficiency*	66.0%	Maks.Randımanda Güç(P2) (tek kd.) *Max.Flow Rate In Power (P2)(single stage)*	0.44 kW
Maks.Randımanda Debi *Max.Flow Rate In Efficiency*	4.10 l/s	Maks.Güç(P2) (tek kd.) *Max.Power (P2) (single stage)*	0.46 kW

Performans Tablosu / *Performance Chart*

Pompa Tipi *Pump Type*	Motor Tipi *Type*	HP	kW	Nominal Akım *Current* 380V	Q	n = 2900 rpm						
					l/sec	0	1.0	2.0	3.0	4.0	5.0	5.5
					m^3/h	0	3.6	7.2	10.8	14.4	18.0	19.8
					l/min	0	60	120	180	240	300	330
USS 620/7	**USM 6005**	5.50	4.00	10.3	**H m**	71	70	67	60	50	36	28
USS 620/10	**USM 6007**	7.50	5.50	13.6		102	100	95	86	72	52	40
USS 620/12	**USM 6010**	10.0	7.50	17.3		122	120	114	103	86	62	48
USS 620/15	**USM 6012**	12.5	9.20	21.0		152	150	143	129	108	77	60
USS 620/19	**USM 6015**	15.0	11.0	25.0		193	190	181	163	137	98	76
USS 620/22	**USM 6017**	17.5	13.0	29.0		223	220	209	189	158	113	88
USS 620/25	**USM 6020**	20.0	15.0	33.0		254	250	238	214	180	129	100
USS 620/31	**USM 6025**	25.0	18.5	42.0		315	310	295	265	223	160	124
USS 620/37	**USM 6030**	30.0	22.0	49.8		376	370	352	317	266	191	148
USS 620/40	**USM 6035**	35.0	26.0	56.0		406	400	380	343	288	206	160

Ölçüler & Ağırlıklar
Dimensions & Weights

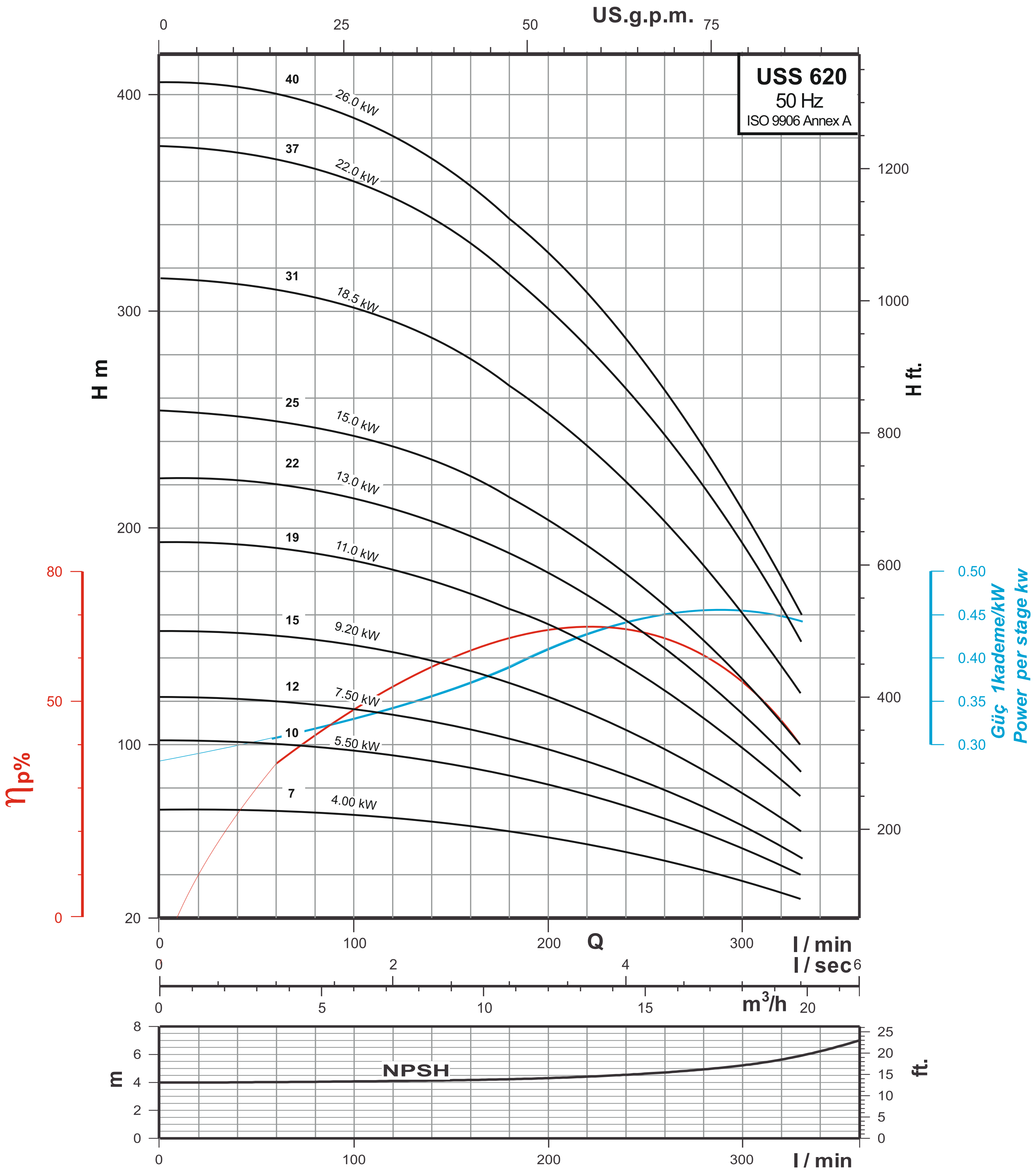
Pompa +Motor *Pump + Motor*	ØM (mm)	ØE (mm)	Boy *Length (mm)*		Ağırlık *Net Weight (kg)*	
			L1	L	Pump	Pump+ Motor
USS 620/7 + USM 6005	142	142	658	1258	16.8	61.8
USS 620/10 + USM 6007	142	142	823	1478	19.3	69.3
USS 620/12 + USM 6010	142	142	933	1648	21.0	76.0
USS 620/15 + USM 6012	142	142	1098	1853	23.2	82.2
USS 620/19 + USM 6015	142	142	1318	2113	26.5	88.5
USS 620/22 + USM 6017	142	142	1483	2341	29.0	93.0
USS 620/25 + USM 6020	142	142	1648	2568	31.4	107.4
USS 620/31 + USM 6025	142	142	1978	2993	36.5	122.5
USS 620/37 + USM 6030	142	142	2308	2403	41.5	136.5
USS 620/40 + USM 6035	142	142	2473	3618	44.0	144.0

Teknik Bilgi / *Technical Data*

Radyal Akışlı 6" Paslanmaz Çelik Dalgıç Pompa

Radial Flow 6" Stainless Steel Submersible Pump

USS 620



Performans eğrileri 15 °C sıcaklıkta, 1 atm. basınç altında,fiziksel değerleri kinematik viskozite ν = 1mm²/s ve yoğunluk ρ = 1000 kg / m³ olan temiz su baz alınarak hazırlanmıştır.

Performance curves are based on temp.15 °C , with pressure 1 atm. , physical values kinematic viscosity ν = 1mm²/sec and density ρ = 1000 kgs / m³ .

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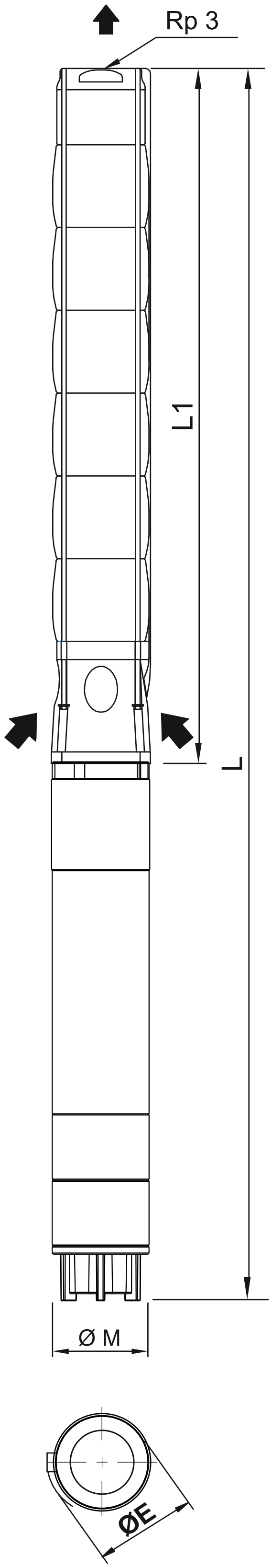
Teknik Bilgi / *Technical Data*

Karışık Akışlı 6" Paslanmaz Çelik Dalgıç Pompa

Mixed Flow 6" Stainless Steel Submersible Pump

USS 630



Fan Tipi *Impeller Type*	*Karışık* *Mixed*	Maks.Randımanda H (tek kd.) *Max.Flow Rate In H (single stage)*	7.86 m
Maks.Randıman *Max. Efficiency*	70.0%	Maks.Randımanda Güç(P2) (tek kd.) *Max.Flow Rate In Power (P2)(single stage)*	0.87 kW
Maks.Randımanda Debi *Max.Flow Rate In Efficiency*	7.90 l/s	Maks.Güç(P2) (tek kd.) *Max.Power (P2) (single stage)*	0.88 kW

Performans Tablosu / *Performance Chart*

Pompa Tipi *Pump Type*	Motor Tipi *Type*	HP	kW	Nominal Akım *Current* 380V	Q	n = 2900 rpm							
					l/sec	0	5.0	6.0	7.0	8.0	9.0	10.0	11.0
					m³/h	0	18.0	21.6	25.2	28.8	32.4	36.0	39.6
					l/min	0	300	360	420	480	540	600	660
USS 630/4	USM 6005	5.50	4.00	10.3	H m	47	42	40	36	31	27	22	16
USS 630/6	USM 6007	7.50	5.50	13.6		71	64	59	54	47	40	32	24
USS 630/8	USM 6010	10.0	7.50	17.3		95	85	79	71	63	44	43	32
USS 630/11	USM 6012	12.5	9.20	21.0		130	116	109	97	86	74	59	44
USS 630/13	USM 6015	15.0	11.0	25.0		154	138	129	115	102	87	70	52
USS 630/16	USM 6020	20.0	15.0	33.0		189	169	158	142	126	107	86	63
USS 630/20	USM 6025	25.0	18.5	42.0		237	212	198	177	157	134	108	79
USS 630/25	USM 6030	30.0	22.0	49.8		296	265	247	227	197	167	134	99
USS 630/29	USM 6035	35.0	26.0	56.0		343	307	287	257	228	194	156	115
USS 630/35	USM 6040	40.0	30.0	63.0		414	371	346	310	275	234	188	139
USS 630/43	USM 6050	50.0	37.0	79.7		509	455	426	385	338	288	231	171

Ölçüler & Ağırlıklar
Dimensions & Weights

Pompa +Motor *Pump + Motor*	ØM (mm)	ØE (mm)	Boy *Length (mm)*		Ağırlık *Net Weight (kg)*	
			L1	L	Pump	Pump+ Motor
USS 630/4 + USM 6005	142	142	637	1357	10.0	37.9
USS 630/6 + USM 6007	142	142	845	1615	15.5	45.6
USS 630/8 + USM 6010	142	142	1037	1795	18.0	72.0
USS 630/11 + USM 6012	142	142	1325	2123	22.5	80.5
USS 630/13 + USM 6015	142	142	1517	2380	26.5	90.5
USS 630/16 + USM 6020	142	142	1805	2768	31.5	106.5
USS 630/20 + USM 6025	142	142	2189	3212	38.0	117.0
USS 630/25 + USM 6030	142	142	2669	3752	46.0	132.0
USS 630/29 + USM 6035	142	142	3053	4216	53.5	148.5
USS 630/35 + USM 6040	142	142	3629	4842	63.5	163.5
USS 630/43 + USM 6050	142	142	4644	5957	108.0	216.0

Teknik Bilgi / *Technical Data*

Karışık Akışlı 6" Paslanmaz Çelik Dalgıç Pompa

Mixed Flow 6" Stainless Steel Submersible Pump

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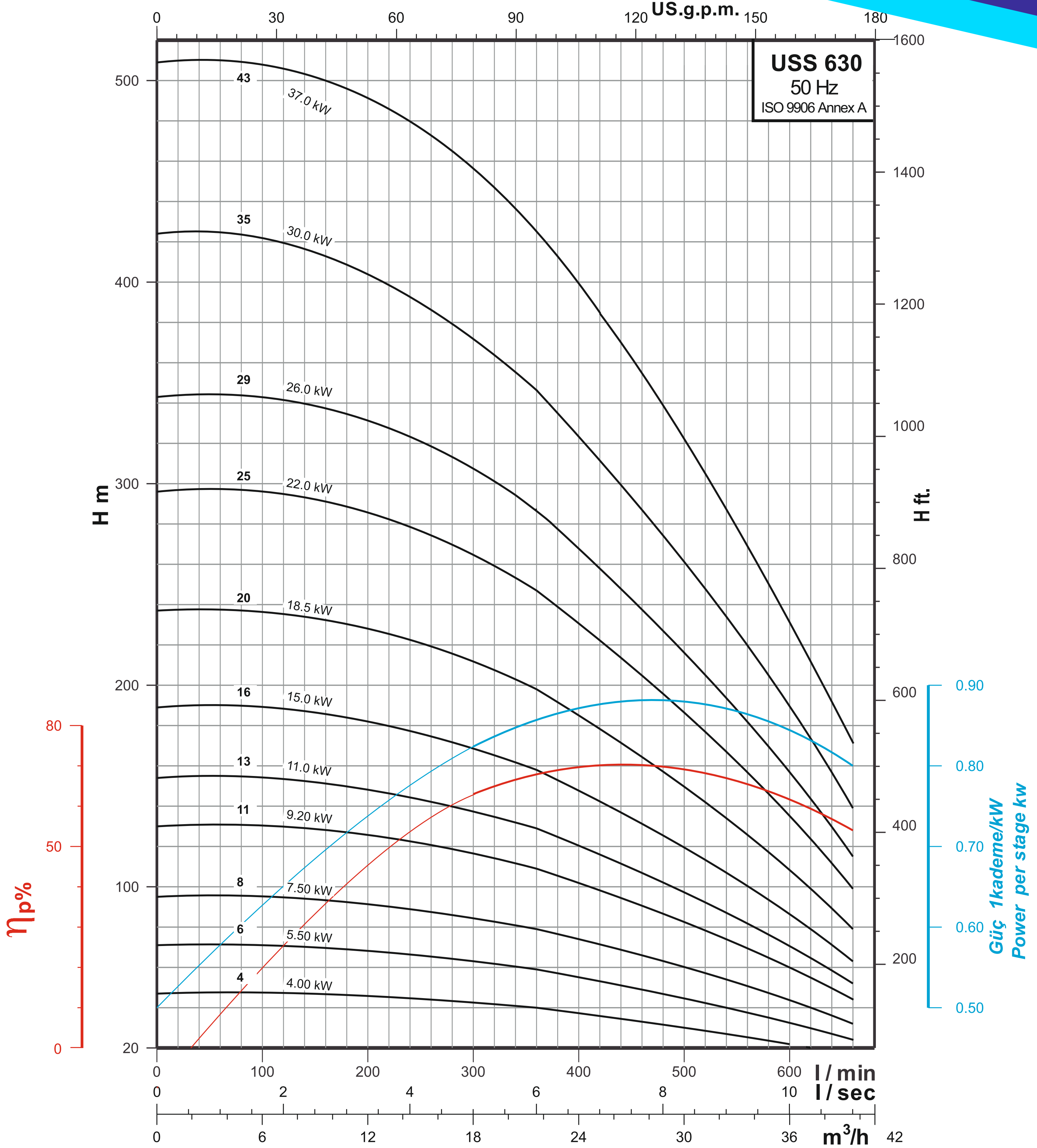
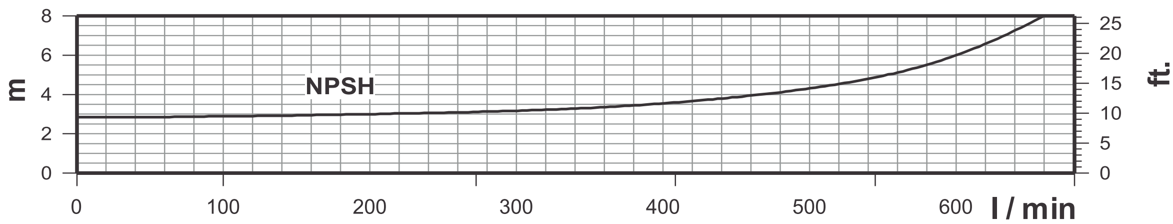
WATER PUMPS IND. and TRD. CO.

USS 630





Performans eğrileri 15 °C sıcaklıkta, 1 atm. basınç altında,fiziksel değerleri kinematik viskozite ν = 1mm²/s ve yoğunluk ρ = 1000 kg / m³ olan temiz su baz alınarak hazırlanmıştır.

Performance curves are based on temp.15 °C , with pressure 1 atm. , physical values kinematic viscosity ν = 1mm²/sec and density ρ = 1000 kgs / m³ .

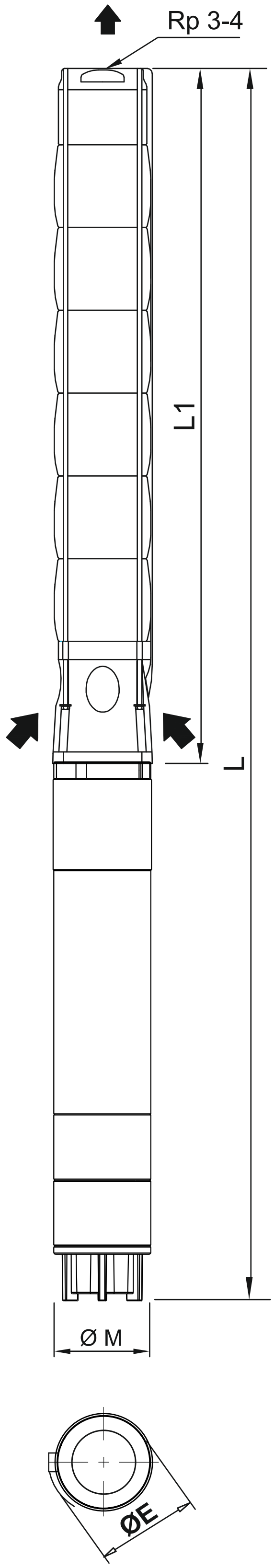
Firmamız , ürünler üzerinde haber vermeksizin değişiklik yapma hakkına sahiptir. *We reserve the right to make the changes on products without notice.*

Teknik Bilgi / *Technical Data*

Karışık Akışlı 6" Paslanmaz Çelik Dalgıç Pompa

Mixed Flow 6" Stainless Steel Submersible Pump

USS 646



Fan Tipi *Impeller Type*	*Karışık* *Mixed*	Maks.Randımanda H (tek kd.) *Max.Flow Rate In H (single stage)*	8.60 m
Maks.Randıman *Max. Efficiency*	72.0%	Maks.Randımanda Güç(P2) (tek kd.) *Max.Flow Rate In Power (P2)(single stage)*	1.44 kW
Maks.Randımanda Debi *Max.Flow Rate In Efficiency*	12.3 l/s	Maks.Güç(P2) (tek kd.) *Max.Power (P2) (single stage)*	1.47 kW

Performans Tablosu / *Performance Chart*

Pompa Tipi *Pump Type*	Motor Tipi *Type*	HP	kW	Nominal Akım *Current* 380V	Q	n = 2900 rpm							
					l/sec	0	6.0	8.0	10.0	12.0	13.0	14.0	16.0
					m³/h	0	21.6	28.8	36.0	43.2	46.8	50.4	57.6
					l/min	0	360	480	600	720	780	840	960
USS 646/3	**USM 6007**	7.50	5.50	13.6	H m	40	36	33	30	26	24	22	18
USS 646/4	**USM 6010**	10.0	7.50	17.3		54	48	44	40	35	33	30	24
USS 646/5	**USM 6010**	10.0	7.50	17.3		67	60	55	50	44	41	37	30
USS 646/6	**USM 6012**	12.5	9.20	21.0		81	71	67	60	53	49	44	36
USS 646/7	**USM 6015**	15.0	11.0	25.0		94	83	78	70	61	57	52	42
USS 646/8	**USM 6017**	17.5	13.0	29.0		108	95	89	80	70	65	59	48
USS 646/10	**USM 6020**	20.0	15.0	33.0		135	119	111	100	88	81	74	60
USS 646/12	**USM 6025**	25.0	18.5	42.0		162	143	133	121	105	98	89	72
USS 646/15	**USM 6030**	30.0	22.0	49.8		202	179	166	151	132	122	111	90
USS 646/17	**USM 6035**	35.0	26.0	56.0		229	203	188	171	149	138	126	102
USS 646/20	**USM 6040**	40.0	30.0	63.0		270	238	222	201	176	163	148	120
USS 646/23	**USM 6050**	50.0	37.0	79.7		310	274	255	231	202	187	171	138

Ölçüler & Ağırlıklar
Dimensions & Weights

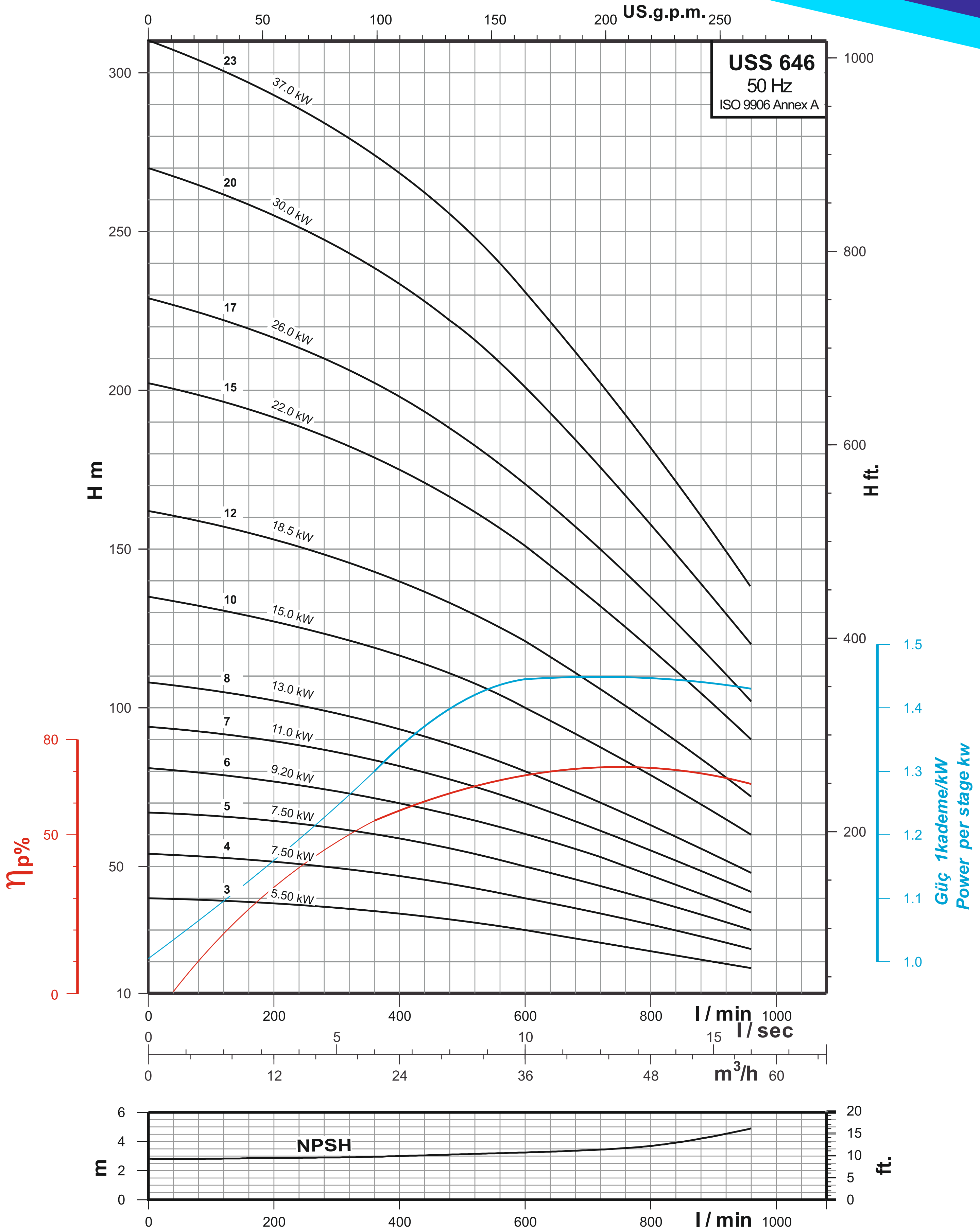
Pompa +Motor *Pump + Motor*	ØM (mm)	ØE (mm)	Boy *Length (mm)*		Ağırlık *Net Weight (kg)*	
			L1	L	Pump	Pump+ Motor
USS 646/3 + USM 6007	142	148	590	1245	13.0	63.0
USS 646/4 + USM 6010	142	148	719	1434	16.0	71.0
USS 646/5 + USM 6010	142	148	832	1547	19.0	74.0
USS 646/6 + USM 6012	142	148	945	1700	22.0	81.0
USS 646/7 + USM 6015	142	148	1058	1853	25.0	87.0
USS 646/8 + USM 6017	142	148	1171	2029	28.0	92.0
USS 646/10 + USM 6020	142	148	1397	2317	34.0	110.0
USS 646/12 + USM 6025	142	148	1623	2638	40.0	126.0
USS 646/15 + USM 6030	142	148	1902	2997	49.0	144.0
USS 646/17 + USM 6035	142	148	2188	3333	55.0	155.0
USS 646/20 + USM 6040	142	148	2607	3852	64.0	173.0
USS 646/23 + USM 6050	142	148	2994	4339	73.0	188.0

Teknik Bilgi / *Technical Data*

Karışık Akışlı 6" Paslanmaz Çelik Dalgıç Pompa

Mixed Flow 6" Stainless Steel Submersible Pump

USS 646



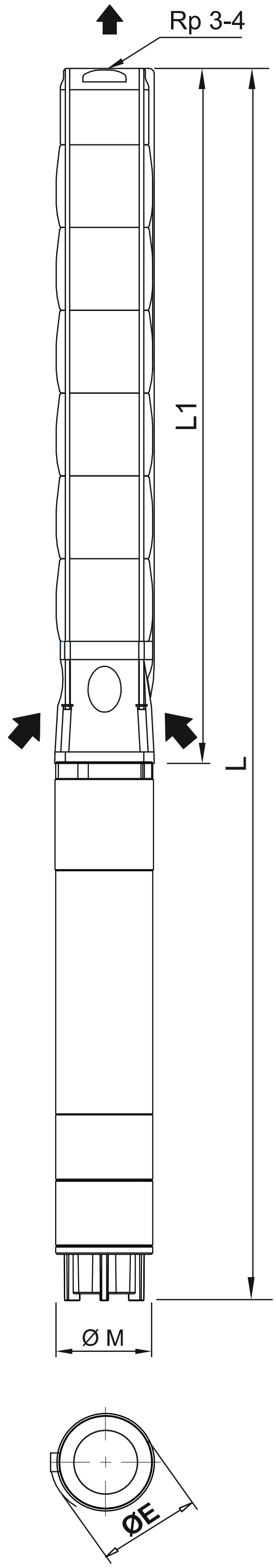
Performans eğrileri 15 °C sıcaklıkta, 1 atm. basınç altında,fiziksel değerleri kinematik viskozite ν = 1mm² /s ve yoğunluk ρ = 1000 kg / m³ olan temiz su baz alınarak hazırlanmıştır.
Performance curves are based on temp.15 °C , with pressure 1 atm. , physical values kinematic viscosity ν = 1mm² /sec and density ρ = 1000 kgs / m³ .
Firmamız , ürünler üzerinde haber vermeksizin değişiklik yapma hakkına sahiptir. *We reserve the right to make the changes on products without notice.*

Teknik Bilgi / *Technical Data*

Karışık Akışlı 6" Paslanmaz Çelik Dalgıç Pompa

Mixed Flow 6" Stainless Steel Submersible Pump

USS 660



Fan Tipi *Impeller Type*	*Karışık* *Mixed*	Maks.Randımanda H (tek kd.) *Max.Flow Rate In H (single stage)*	8.10 m
Maks.Randıman *Max. Efficiency*	73.0%	Maks.Randımanda Güç(P2) (tek kd.) *Max.Flow Rate In Power (P2)(single stage)*	1.63 kW
Maks.Randımanda Debi *Max.Flow Rate In Efficiency*	15 l/s	Maks.Güç(P2) (tek kd.) *Max.Power (P2) (single stage)*	1.66 kW

Performans Tablosu / *Performance Chart*

Pompa Tipi *Pump Type*	Motor Tipi *Type*	HP	kW	Nominal Akım *Current*	Q	n = 2900 rpm							
					l/sec	0	8.0	10.0	12.0	14.0	16.0	18.0	21.0
					m³/h	0	28.8	36.0	43.2	50.4	57.6	64.8	75.6
				380V	l/min	0	480	600	720	840	960	1080	1260
USS 660/3	**USM 6007**	7.50	5.50	13.6	H m	41	34	32	29	26	23	19	14
USS 660/4	**USM 6010**	10.0	7.50	17.3		54	45	42	39	35	30	25	18
USS 660/5	**USM 6012**	12.5	9.20	21.0		68	56	53	48	43	38	32	23
USS 660/6	**USM 6015**	15.0	11.0	25.0		81	68	63	58	52	45	38	27
USS 660/7	**USM 6017**	17.5	13.0	29.0		95	79	74	68	61	53	44	32
USS 660/8	**USM 6020**	20.0	15.0	33.0		108	90	84	77	69	60	51	36
USS 660/10	**USM 6025**	25.0	18.5	42.0		135	113	106	97	87	76	64	45
USS 660/12	**USM 6030**	30.0	22.0	49.8		162	135	127	116	104	91	76	54
USS 660/15	**USM 6035**	35.0	26.0	56.0		203	169	158	145	130	113	95	68
USS 660/17	**USM 6040**	40.0	30.0	63.0		230	191	179	164	147	128	108	77
USS 660/20	**USM 6050**	50.0	37.0	79.7		270	225	211	193	173	151	127	90

Ölçüler & Ağırlıklar
Dimensions & Weights

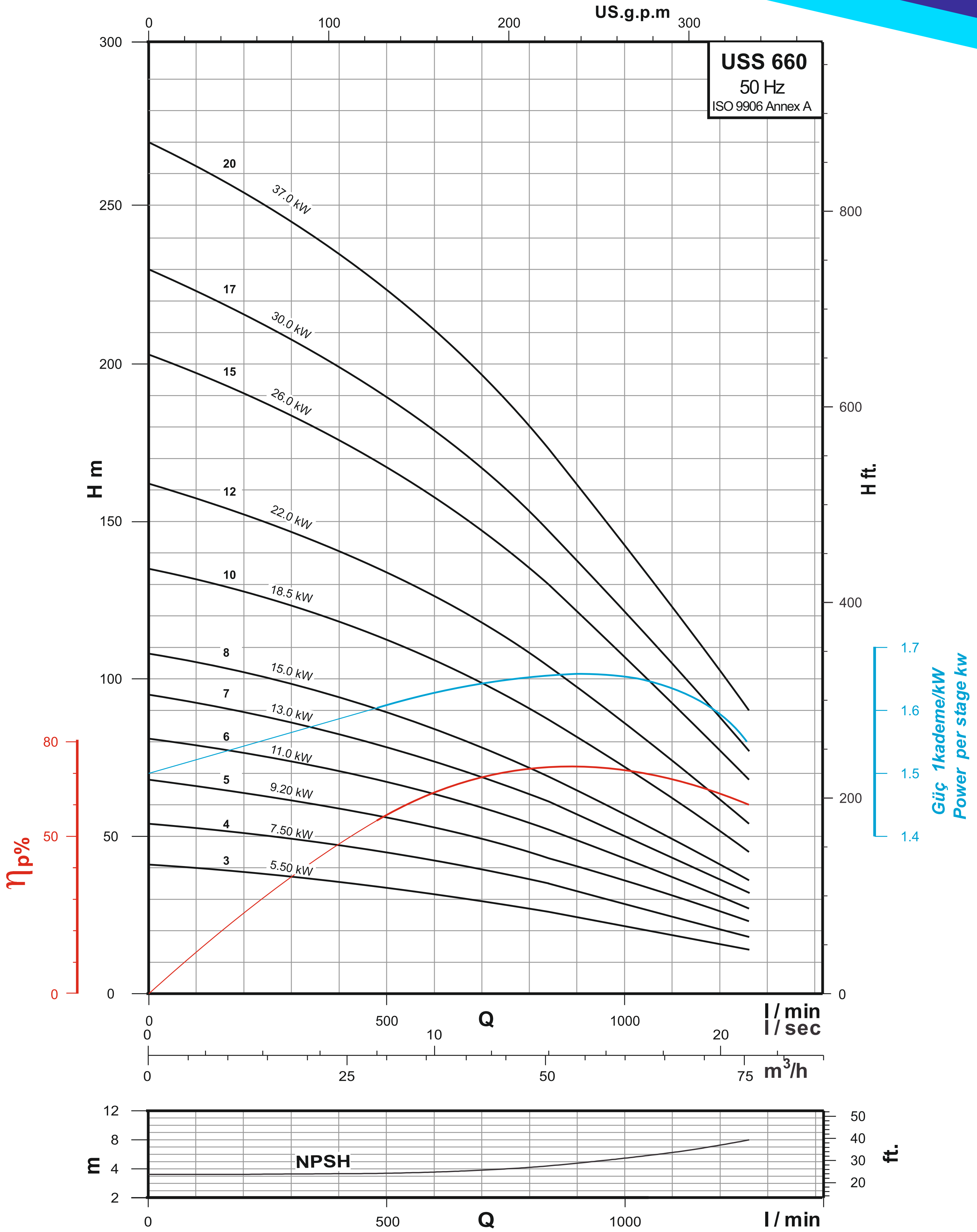
Pompa +Motor *Pump + Motor*	ØM (mm)	ØE (mm)	Boy *Length (mm)*		Ağırlık *Net Weight (kg)*	
			L1	L	Pump	Pump+ Motor
USS 660/3 + USM 6007	142	148	590	1245	11.0	61.0
USS 660/4 + USM 6010	142	148	719	1434	13.0	68.0
USS 660/5 + USM 6012	142	148	832	1587	17.5	76.5
USS 660/6 + USM 6015	142	148	950	1745	19.5	83.5
USS 660/7 + USM 6017	142	148	1058	1643	22.5	92.5
USS 660/8 + USM 6020	142	148	1171	2091	24.5	100.5
USS 660/10+ USM 6025	142	148	1397	2412	30.0	116.0
USS 660/12+ USM 6030	142	148	1623	2718	35.0	130.0
USS 660/15+ USM 6035	142	148	1962	3107	42.5	142.5
USS 660/17+ USM 6040	142	148	2188	3433	47.5	156.5
USS 660/20+ USM 6050	142	148	2607	3952	58.0	173.0

Teknik Bilgi / *Technical Data*

Karışık Akışlı 6" Paslanmaz Çelik Dalgıç Pompa

Mixed Flow 6" Stainless Steel Submersible Pump

USS 660



Performans eğrileri 15 °C sıcaklıkta, 1 atm. basınç altında,fiziksel değerleri kinematik viskozite ν = 1mm² /s ve yoğunluk ρ = 1000 kg / m³ olan temiz su baz alınarak hazırlanmıştır.

Performance curves are based on temp.15 °C , with pressure 1 atm. , physical values kinematic viscosity ν = 1mm² /sec and density ρ = 1000 kgs / m³ .

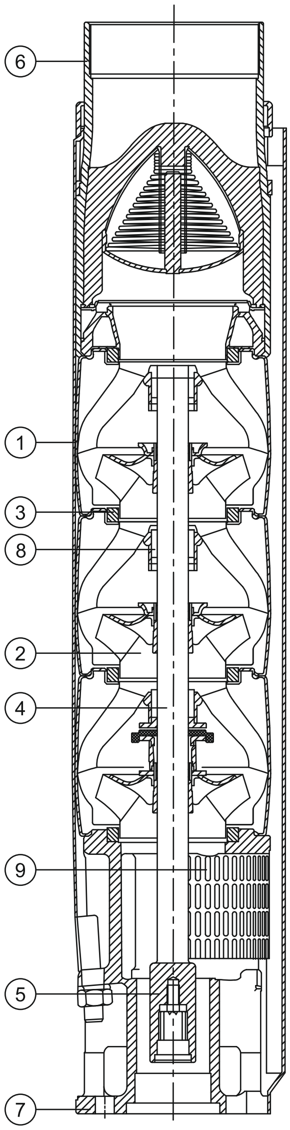
Firmamız , ürünler üzerinde haber vermeksizin değişiklik yapma hakkına sahiptir. *We reserve the right to make the changes on products without notice.*

Teknik Bilgi / *Technical Data*

Radyal ve Karışık Akışlı 8" - 10" Paslanmaz Çelik Dalgıç Pompa

Radial and Mixed Flow 8" -10" Stainless Steel Submersible Pump

Parça Listesi / *Part List*



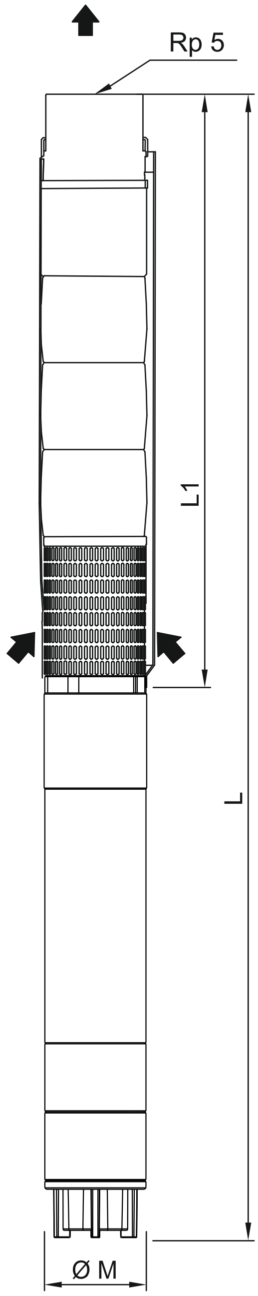
No	Parça Adı /*Part Name*	Pompa Tipi /*Pump Type* USS 870, USS 895 USS 8125, USS 8160, USS 10215
1	Difüzör /*Diffuser*	AISI 304
2	Fan /*Impeller*	
3	Aşınma Halkası /*Wear Ring*	NBR
4	Mil /*Shaft*	AISI 431
5	Kaplin / *Coupling*	AISI 316
6	Çıkış / *Delivery Casing*	AISI 304
7	Emiş / *Suction Case*	
8	Yatak Burcu / *Bearing Bush*	NBR
9	Filitre / *Strainer*	AISI 304

Teknik Bilgi / *Technical Data*

Karışık Akışlı 8" Paslanmaz Çelik Dalgıç Pompa

Mixed Flow 8" Stainless Steel Submersible Pump

USS 870



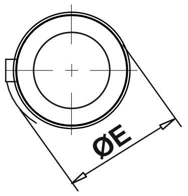
Fan Tipi *Impeller Type*	*Karışık* *Mixed*	Maks.Randımanda H (tek kd.) *Max.Flow Rate In H (single stage)*	13.8 m
Maks.Randıman *Max. Efficiency*	75.1 %	Maks.Randımanda Güç(P2) (tek kd.) *Max.Flow Rate In Power (P2)(single stage)*	3.60 kW
Maks.Randımanda Debi *Max.Flow Rate In Efficiency*	20 l/s	Maks.Güç(P2) (tek kd.) *Max.Power (P2) (single stage)*	3.75 kW

Performans Tablosu / *Performance Chart*

Pompa Tipi *Pump Type*	Motor Tipi *Motor Type*	HP	KW	Nominal Akım *Current* 380V	Q l/sec	5.55	11.1	16.65	22.2	27.75
					m³/h	20.0	40.0	60.0	80.0	100.0
					l/min	333	667	1000	1334	1667
						n = 2900 rpm				
USS 870/1	USM 6007	7.50	5.50	13.6	H m	20	17	14	12	7
USS 870/2	USM 6010	10.0	7.50	17.3		39	33	28	23	14
USS 870/3	USM 6015	15.0	11.0	25.0		58	50	42	34	20
USS 870/4	USM 6020	20.0	15.0	33.0		78	68	57	46	27
USS 870/5	USM 6025	25.0	18.5	42.0		97	85	72	58	34
USS 870/6	USM 6030	30.0	22.0	49.8		116	102	86	69	41
USS 870/7	USM 6035	35.0	26.0	56.0		136	119	101	81	48
USS 870/8	USM 6040	40.0	30.0	63.0		156	137	116	93	55
USS 870/9	USM 6040	40.0	30.0	63.0		174	152	128	103	62
USS 870/10	USM 8050	50.0	37.0	76.0		194	171	145	117	68
USS 870/11	USM 8050	50.0	37.0	76.0		213	186	158	127	75
USS 870/12	USM 8060	60.0	45.0	90.0		237	209	178	145	88
USS 870/13	USM 8070	70.0	52.0	103.0		259	228	195	158	98
USS 870/14	USM 8070	70.0	52.0	103.0		278	245	209	170	104
USS 870/15	USM 8080	80.0	59.0	118.0		297	261	222	181	110
USS 870/16	USM 8080	80.0	59.0	118.0		318	280	239	194	120
USS 870/17	USM 8090	90.0	66.0	134.0		337	298	253	207	125
USS 870/18	USM 8090	90.0	66.0	134.0		355	313	267	217	132
USS 870/19	USM 8100	100.0	75.0	148.0		375	332	282	230	140
USS 870/20	USM 8100	100.0	75.0	148.0		395	349	297	240	146

Ölçüler & Ağırlıklar
Dimensions & Weights

Pompa +Motor *Pump + Motor*	ØM (mm)	ØE (mm)	Boy *Length (mm)* L1	L	Ağırlık *Net Weight (kg)* Pump	Pump+ Motor
USS 870/1 + USM 6007	142	178	618	1273	19.5	69.5
USS 870/2 + USM 6010	142	178	746	1461	26.0	76.0
USS 870/3 + USM 6015	142	178	874	1669	29.5	93.5
USS 870/4 + USM 6020	142	178	1003	1923	33.5	109.5
USS 870/5 + USM 6025	142	178	1131	2146	37.0	123.0
USS 870/6 + USM 6030	142	178	1259	2354	41.0	136.0
USS 870/7 + USM 6035	142	178	1387	2532	44.5	144.5
USS 870/8 + USM 6040	142	178	1515	2760	48.5	157.5
USS 870/9 + USM 6040	142	178	1643	2888	51.5	160.5
USS 870/10 + USM 8050	190	178	1771	2831	56.0	209.0
USS 870/11 + USM 8050	190	178	1914	2874	59.0	212.0
USS 870/12 + USM 8060	190	178	2043	3193	63.0	223.0
USS 870/13 + USM 8070	190	178	2172	3407	67.0	239.0
USS 870/14 + USM 8070	190	178	2300	3535	71.0	243.0
USS 870/15 + USM 8080	190	178	2429	3719	74.0	254.0
USS 870/16 + USM 8080	190	178	2557	3847	78.0	258.0
USS 870/17 + USM 8090	190	178	2685	4005	82.0	271.0
USS 870/18 + USM 8090	190	178	2814	4134	86.0	275.0
USS 870/19 + USM 8100	190	178	2942	4302	89.0	299.0
USS 870/20 + USM 8100	190	178	3070	4430	93.0	303.0

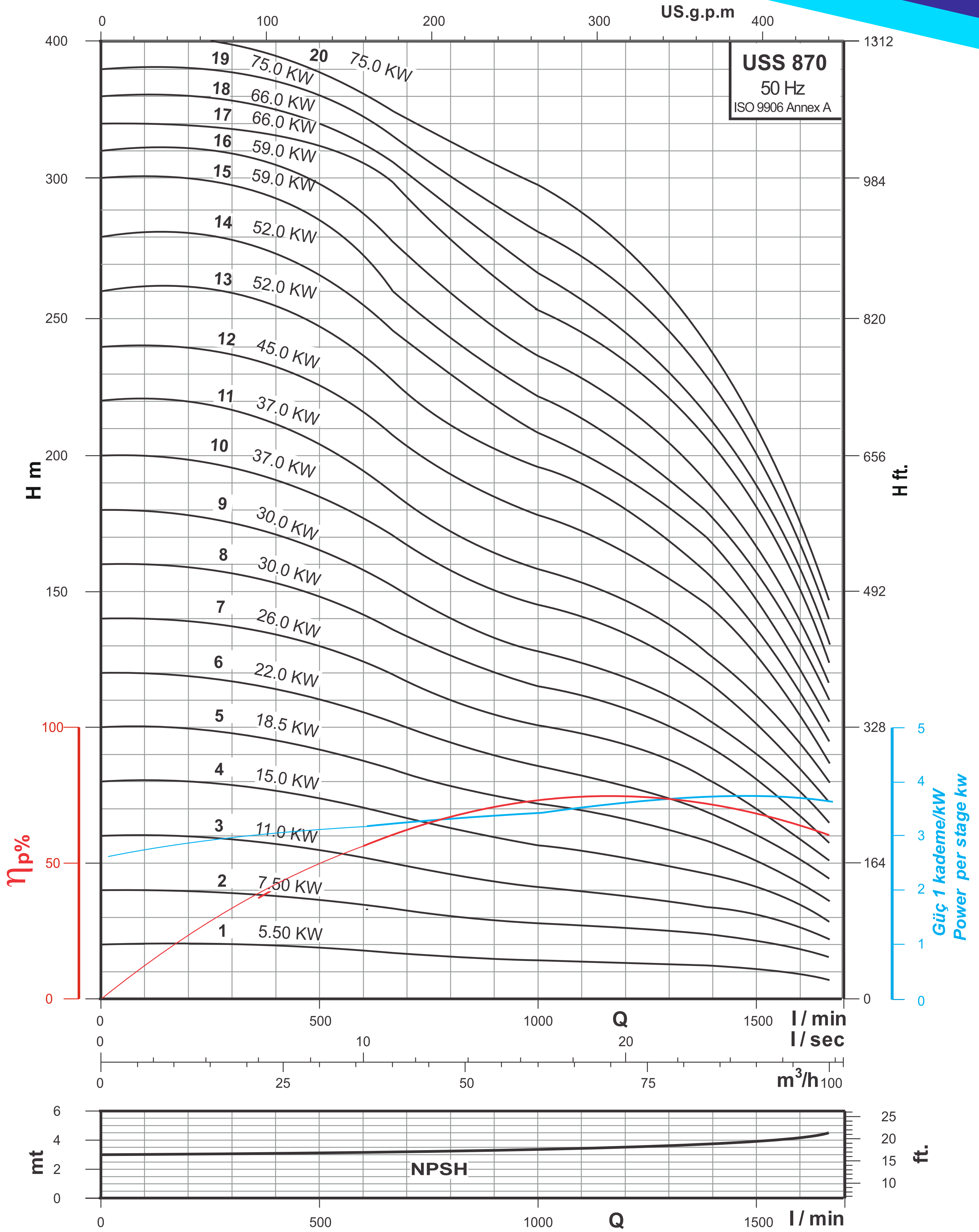


Teknik Bilgi / *Technical Data*

Karışık Akışlı 8" Paslanmaz Çelik Dalgıç Pompa

Mixed Flow 8" Stainless Steel Submersible Pump

USS 870

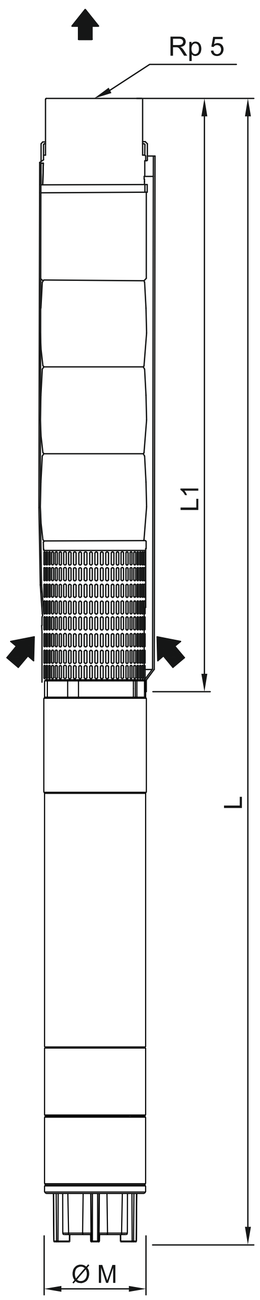


Performans eğrileri 15 °C sıcaklıkta, 1 atm. basınç altında,fiziksel değerleri kinematik viskozite ν = 1mm² /s ve yoğunluk ρ = 1000 kg / m³ olan temiz su baz alınarak hazırlanmıştır.
Performance curves are based on temp.15 °C , with pressure 1 atm. , physical values kinematic viscosity ν = 1mm² /sec and density ρ = 1000 kgs / m³ .
Firmamız , ürünler üzerinde haber vermeksizin değişiklik yapma hakkına sahiptir. *We reserve the right to make the changes on products without notice.*

Teknik Bilgi / *Technical Data*
Karışık Akışlı 8" Paslanmaz Çelik Dalgıç Pompa
Mixed Flow 8" Stainless Steel Submersible Pump

USS 895

Fan Tipi *Impeller Type*	*Karışık* *Mixed*	Maks.Randımanda H (tek kd.) *Max.Flow Rate In H (single stage)*	12.8 m
Maks.Randıman *Max. Efficiency*	76.9 %	Maks.Randımanda Güç(P2) (tek kd.) *Max.Flow Rate In Power (P2)(single stage)*	4.16 kW
Maks.Randımanda Debi *Max.Flow Rate In Efficiency*	25.5 l/s	Maks.Güç(P2) (tek kd.) *Max.Power (P2) (single stage)*	4.40 kW

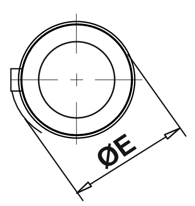


Performans Tablosu / *Performance Chart*

Pompa Tipi *Pump Type*	Motor Tipi *Motor Type*	HP	KW	Nominal Akım *Current* 380V	Q	n = 2900 rpm				
					l/sec	5.55	11.1	19.44	25.0	33.33
					m³/h	20.0	40.0	70.0	90.0	120
					l/min	333	667	1167	1500	2000
USS 895/1	USM 6007	7.50	5.50	13.6		20	18	15	13	7
USS 895/2	USM 6012	12.5	9.20	21.0		40	36	30	26	15
USS 895/3	USM 6017	17.5	13.0	29.0		60	55	45	39	22
USS 895/4	USM 6025	25.0	18.5	42.0		80	72	60	52	29
USS 895/5	USM 6030	30.0	22.0	49.8		100	90	75	64	36
USS 895/6	USM 6035	35.0	26.0	56.0		120	110	90	77	43
USS 895/7	USM 6040	40.0	30.0	63.0		140	128	105	90	50
USS 895/8	USM 8050	50.0	37.0	76.0	H	160	145	120	102	57
USS 895/9	USM 8050	50.0	37.0	76.0	m	180	162	135	114	64
USS 895/10	USM 8060	60.0	45.0	90.0		200	185	150	127	71
USS 895/11	USM 8070	70.0	52.0	103.0		220	205	165	140	79
USS 895/12	USM 8070	70.0	52.0	103.0		240	222	180	153	86
USS 895/13	USM 8080	80.0	59.0	118.0		260	239	195	167	94
USS 895/14	USM 8080	80.0	59.0	118.0		280	259	210	178	101
USS 895/15	USM 8090	90.0	66.0	134.0		300	278	225	191	108
USS 895/16	USM 8100	100.0	75.0	148.0		320	298	240	204	115
USS 895/17	USM 8100	100.0	75.0	148.0		340	318	255	217	122
USS 895/18	USM 8110	110.0	81.0	160.0		360	330	270	228	130
USS 895/19	USM 8110	110.0	81.0	160.0		380	348	285	238	137
USS 895/20	USM 8125	125.0	92.0	183.0		400	365	300	248	144

Ölçüler & Ağırlıklar
Dimensions & Weights

Pompa +Motor *Pump + Motor*	ØM (mm)	ØE (mm)	Boy *Length (mm)*		Ağırlık *Net Weight (kg)*	
			L1	L	Pump	Pump+ Motor
USS 895/1 + USM 6007	142	178	618	1473	19.5	69.5
USS 895/2 + USM 6012	142	178	746	1501	26.0	85.0
USS 895/3 + USM 6017	142	178	874	1732	29.5	99.5
USS 895/4 + USM 6025	142	178	1003	2018	33.5	119.5
USS 895/5 + USM 6030	142	178	1131	2226	37.0	132.0
USS 895/6 + USM 6035	142	178	1259	2404	40.5	140.5
USS 895/7 + USM 6040	142	178	1387	2632	44.5	153.5
USS 895/8 + USM 8050	190	178	1515	2575	48.0	201.0
USS 895/9 + USM 8050	190	178	1642	2702	52.0	205.0
USS 895/10 + USM 8060	190	178	1785	2935	56.0	216.0
USS 895/11 + USM 8070	190	178	1914	3149	59.0	231.0
USS 895/12 + USM 8070	190	178	2043	3278	63.0	235.0
USS 895/13 + USM 8080	190	178	2172	3462	67.0	247.0
USS 895/14 + USM 8080	190	178	2300	3590	71.0	251.0
USS 895/15 + USM 8090	190	178	2429	3749	74.0	263.0
USS 895/16 + USM 8100	190	178	2557	3917	78.0	288.0
USS 895/17 + USM 8100	190	178	2685	4045	82.0	292.0
USS 895/18 + USM 8110	190	178	2814	4234	86.0	303.0
USS 895/19 + USM 8110	190	178	2942	4362	90.0	307.0
USS 895/20 + USM 8125	190	178	3070	4555	95.0	323.0

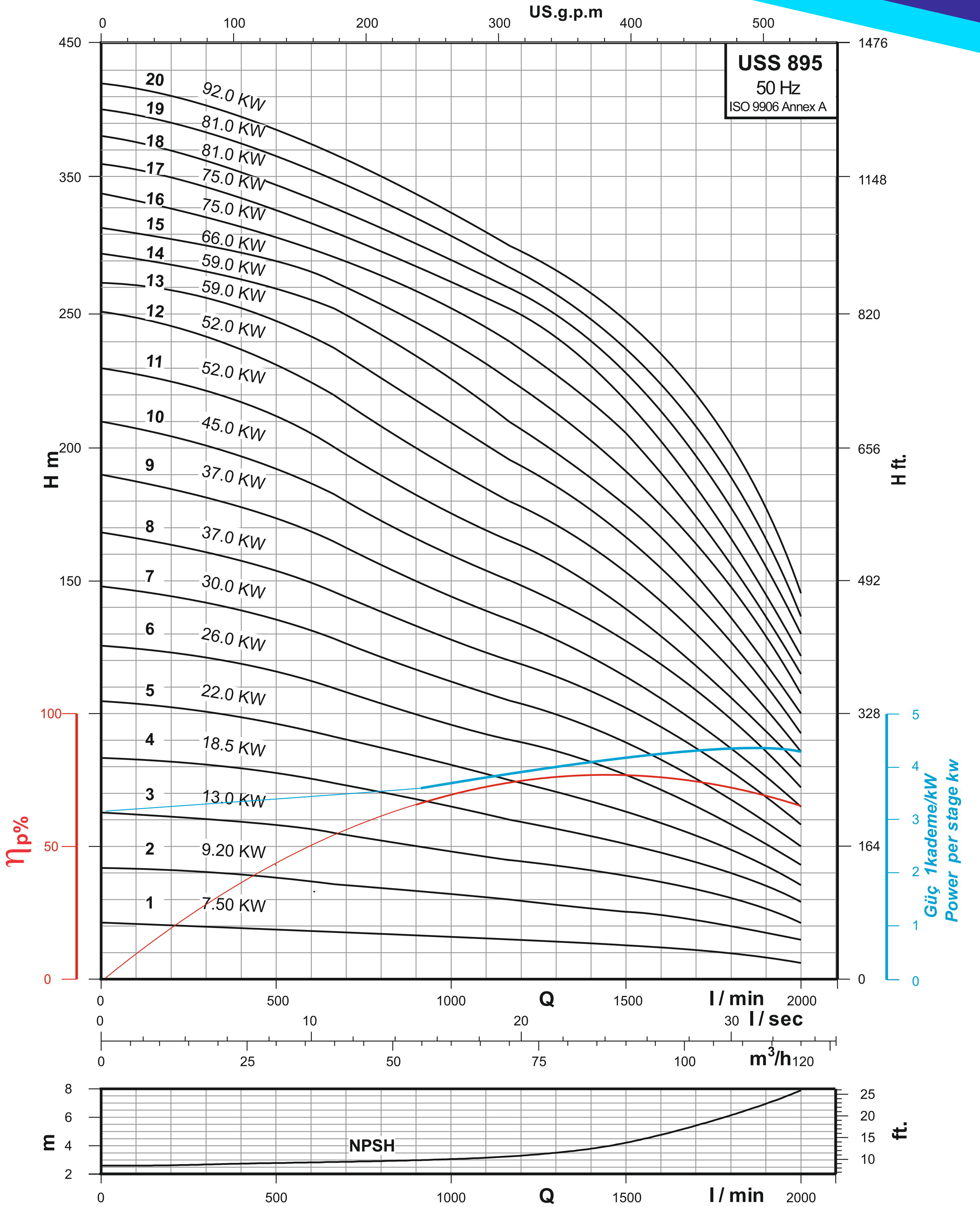


Teknik Bilgi / *Technical Data*

Karışık Akışlı 8" Paslanmaz Çelik Dalgıç Pompa

Mixed Flow 8" Stainless Steel Submersible Pump

USS 895



Performans eğrileri 15 °C sıcaklıkta, 1 atm. basınç altında,fiziksel değerleri kinematik viskozite ν = 1mm² /s ve yoğunluk ρ = 1000 kg / m³ olan temiz su baz alınarak hazırlanmıştır.

Performance curves are based on temp.15 °C , with pressure 1 atm. , physical values kinematic viscosity ν = 1mm² /sec and density ρ = 1000 kgs / m³ .

Firmamız , ürünler üzerinde haber vermeksizin değişiklik yapma hakkına sahiptir. *We reserve the right to make the changes on products without notice.*

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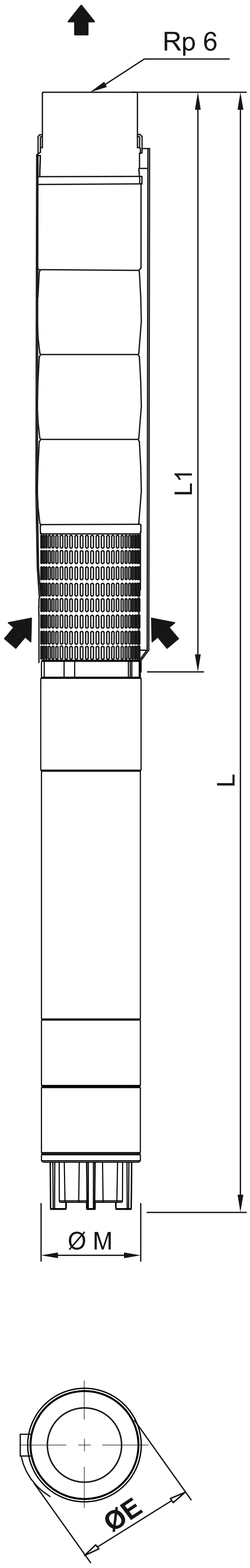
WATER PUMPS IND. and TRD. CO.

Teknik Bilgi / *Technical Data*
Karışık Akışlı 8" Paslanmaz Çelik Dalgıç Pompa
Mixed Flow 8" Stainless Steel Submersible Pump

USS 8125

Fan Tipi *Impeller Type*	*Karışık* *Mixed*	Maks.Randımanda H (tek kd.) *Max.Flow Rate In H (single stage)*	21.25 m
Maks.Randıman *Max. Efficiency*	78.5%	Maks.Randımanda Güç(P2) (tek kd.) *Max.Flow Rate In Power (P2)(single stage)*	8.50 kW
Maks.Randımanda Debi *Max.Flow Rate In Efficiency*	32 l/s	Maks.Güç(P2) (tek kd.) *Max.Power (P2) (single stage)*	9.35 kW



Performans Tablosu / *Performance Chart*

Pompa Tipi *Pump Type*	Motor Tipi *Motor Type*	HP	KW	Nominal Akım *Current* 380V	Q	n = 2900 rpm				
					l/sec	16.66	22.2	27.78	33.33	40.0
					m³/h	60.0	80.0	100.0	120.0	144.0
					l/min	1000	1334	1667	2000	2400
USS 8125/1	USM 6015	15.0	11.0	25.0	H m	27	25	23	21	18
USS 8125/2	USM 6030	30.0	22.0	49.8		54	50	46	42	36
USS 8125/3	USM 6040	40.0	30.0	63.0		81	75	69	63	53
USS 8125/4	USM 8050	50.0	37.0	76.0		108	100	92	84	71
USS 8125/5	USM 8070	70.0	52.0	103.0		135	125	115	105	89
USS 8125/6	USM 8090	90.0	66.0	134.0		162	150	138	125	107
USS 8125/7	USM 8100	100.0	75.0	148.0		189	175	161	146	124
USS 8125/8	USM 8100	100.0	75.0	148.0		216	200	184	167	142
USS 8125/9	USM 8125	125.0	92.0	183.0		243	225	207	188	160
USS 8125/10	USM 8125	125.0	92.0	183.0		270	250	230	209	178
USS 8125/11	USM 10150	150.0	110.0	216.0		297	275	253	230	195
USS 8125/12	USM 10175	175.0	129.0	251.0		324	300	276	251	213
USS 8125/13	USM 10175	175.0	129.0	251.0		351	325	300	272	231
USS 8125/14	USM 10200	200.0	147.0	286.0		378	350	323	293	249
USS 8125/15	USM 10200	200.0	147.0	286.0		405	375	346	314	267
USS 8125/16	USM 10225	225.0	165.0	319.0		432	400	369	335	284
USS 8125/17	USM 10225	225.0	165.0	319.0		460	425	392	356	302

Ölçüler & Ağırlıklar
Dimensions & Weights

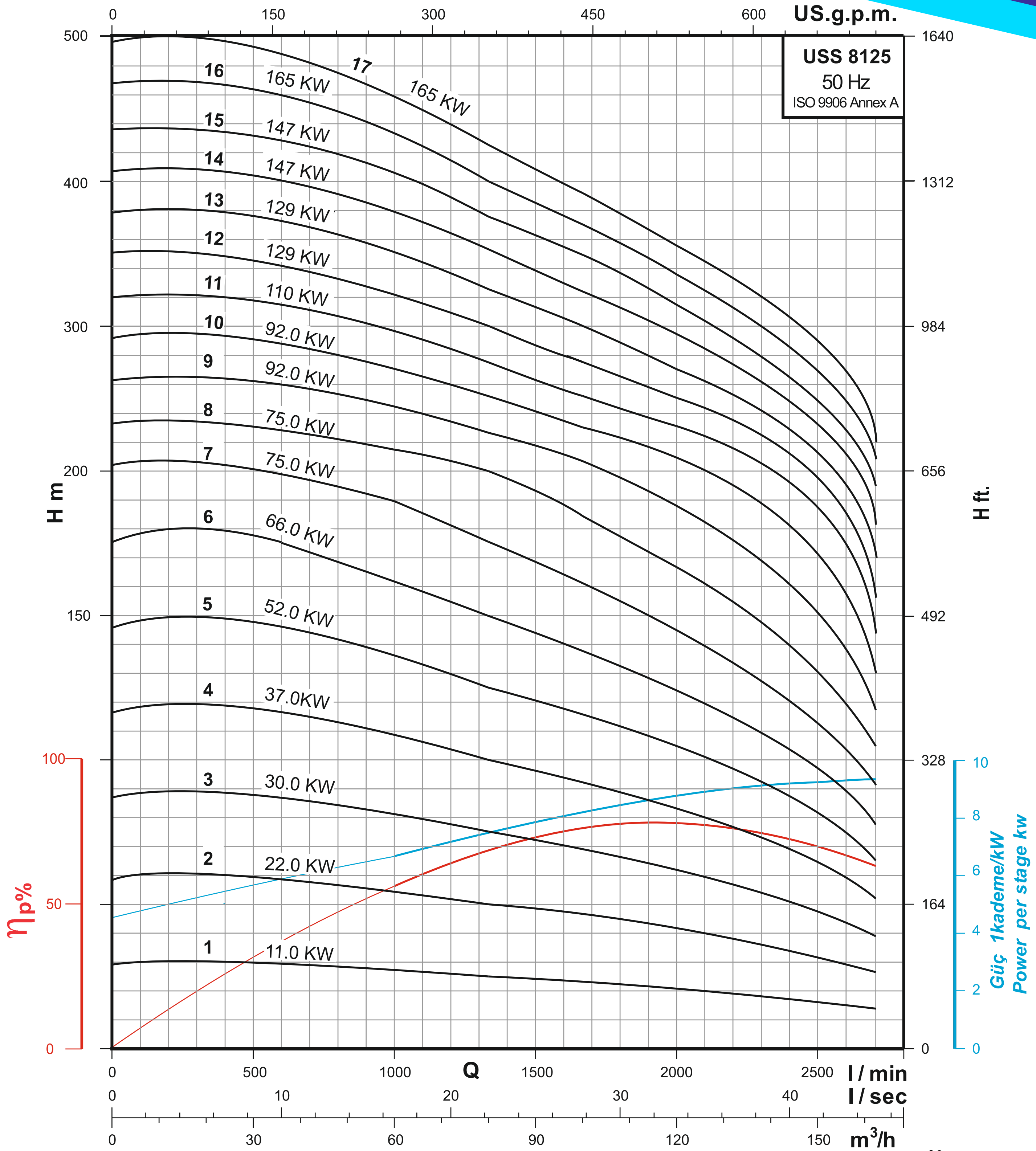
Pompa +Motor *Pump + Motor*	ØM (mm)	ØE (mm)	Boy *Length (mm)*		Ağırlık *Net Weight (kg)*	
			L1	L	Pump	Pump+ Motor
USS 8125/1 + USM 6015	142	211	651	1514	20.0	84.0
USS 8125/2 + USM 6030	142	211	807	1890	31.0	117.0
USS 8125/3 + USM 6040	142	211	963	2176	41.0	141.0
USS 8125/4 + USM 8050	142	218	1119	2432	51.0	159.0
USS 8125/5 + USM 8070	190	218	1275	2661	59.0	269.0
USS 8125/6 + USM 8090	190	218	1431	2931	65.0	315.0
USS 8125/7 + USM 8100	190	218	1587	2947	71.0	281.0
USS 8125/8 + USM 8100	190	218	1743	3103	77.0	287.0
USS 8125/9 + USM 8125	190	218	1899	3384	83.0	311.0
USS 8125/10 + USM 8125	190	218	2055	3540	89.0	317.0
USS 8125/11 + USM 10150	240	240	2507	3997	105.0	417.0
USS 8125/12 + USM 10175	240	240	2714	4299	121.0	464.0
USS 8125/13 + USM 10175	240	240	2870	4455	127.0	470.0
USS 8125/14 + USM 10200	240	240	3025	4740	133.0	518.0
USS 8125/15 + USM 10200	240	240	3181	4896	139.0	524.0
USS 8125/16 + USM 10225	240	240	3336	5126	145.0	570.0
USS 8125/17 + USM 10225	240	240	3492	5282	151.0	576.0

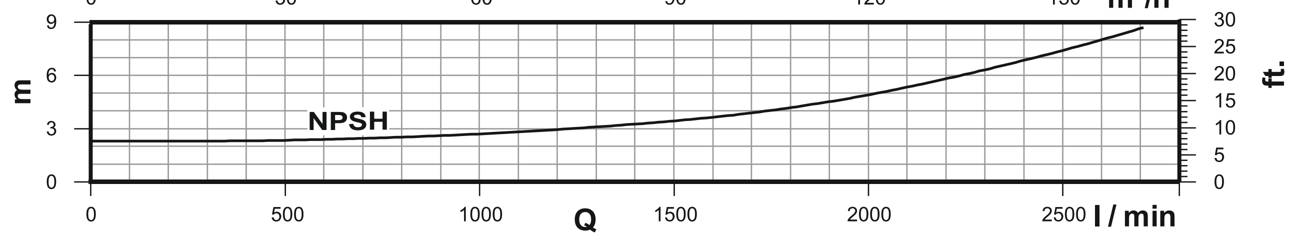
Teknik Bilgi / *Technical Data*

Karışık Akışlı 8" Paslanmaz Çelik Dalgıç Pompa

Mixed Flow 8" Stainless Steel Submersible Pump

USS 8125





Performans eğrileri 15 °C sıcaklıkta, 1 atm. basınç altında,fiziksel değerleri kinematik viskozite ν = 1mm² /s ve yoğunluk ρ = 1000 kg / m³ olan temiz su baz alınarak hazırlanmıştır.
Performance curves are based on temp.15 °C , with pressure 1 atm. , physical values kinematic viscosity ν = 1mm² /sec and density ρ = 1000 kgs / m³ .
Firmamız , ürünler üzerinde haber vermeksizin değişiklik yapma hakkına sahiptir. *We reserve the right to make the changes on products without notice.*

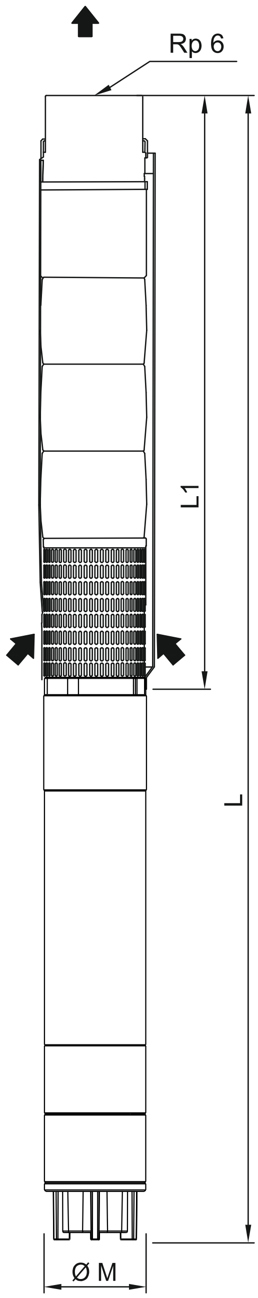
Teknik Bilgi / *Technical Data*

Karışık Akışlı 8" Paslanmaz Çelik Dalgıç Pompa

Mixed Flow 8" Stainless Steel Submersible Pump

USS 8160

Fan Tipi *Impeller Type*	*Karışık* *Mixed*	Maks.Randımanda H (tek kd.) *Max.Flow Rate In H (single stage)*	20.7 m
Maks.Randıman *Max. Efficiency*	79.8%	Maks.Randımanda Güç(P2) (tek kd.) *Max.Flow Rate In Power (P2)(single stage)*	11.45 kW
Maks.Randımanda Debi *Max.Flow Rate In Efficiency*	45 l/s	Maks.Güç(P2) (tek kd.) *Max.Power (P2) (single stage)*	11.60 kW

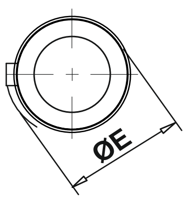


Performans Tablosu / *Performance Chart*

Pompa Tipi ***Pump Type***	**Motor Tipi** ***Motor Type***	**HP**	**KW**	**Nominal Akım** ***Current***	**Q**	**n = 2900 rpm**				
					l/sec	**22.22**	**33.33**	**38.89**	**44.44**	**55.56**
					m³/h	**80.0**	**120.0**	**140.0**	**160.0**	**200.0**
				380V	**l/min**	**1334**	**2000**	**2333**	**2667**	**3333**
USS 8160/1	**USM 6017**	17.5	13.0	29.0		28	23	22	21	16
USS 8160/2	**USM 6035**	35.0	26.0	56.0		56	48	45	42	33
USS 8160/3	**USM 8050**	50.0	37.0	76.0		84	73	68	63	50
USS 8160/4	**USM 8075**	70.0	52.0	103.0		111	97	91	84	67
USS 8160/5	**USM 8085**	80.0	59.0	118.0		139	121	113	105	83
USS 8160/6	**USM 8100**	100.0	75.0	148.0		167	145	136	126	100
USS 8160/7	**USM 8110**	110.0	81.0	160.0	**H**	195	170	158	147	117
USS 8160/8	**USM 8125**	125.0	92.0	183.0	**m**	223	194	181	168	133
USS 8160/9	**USM 10150**	150.0	110.0	216.0		251	219	203	189	150
USS 8160/10	**USM 10175**	175.0	129.0	251.0		279	243	226	210	167
USS 8160/11	**USM 10175**	175.0	129.0	251.0		306	267	248	231	184
USS 8160/12	**USM 10200**	200.0	147.0	286.0		334	292	271	252	200
USS 8160/13	**USM 10225**	225.0	165.0	319.0		362	316	294	273	218
USS 8160/14	**USM 10225**	225.0	165.0	319.0		390	340	316	294	234
USS 8160/15	**USM 10250**	250.0	184.0	355.0		418	364	339	315	250

Ölçüler & Ağırlıklar
Dimensions & Weights

Pompa +Motor ***Pump + Motor***		**ØM (mm)**	**ØE (mm)**	**Boy** ***Length (mm)***		**Ağırlık** ***Net Weight (kg)***	
				L1	**L**	**Pump**	**Pump+ Motor**
USS 8160/1	**+ USM 6017**	142	211	651	1510	21.0	91.0
USS 8160/2	**+ USM 6035**	142	211	807	1950	41.0	141.0
USS 8160/3	**+ USM 8050**	190	218	963	2025	51.0	204.0
USS 8160/4	**+ USM 8070**	190	218	1119	2355	53.0	206.0
USS 8160/5	**+ USM 8080**	190	218	1275	2565	59.0	239.0
USS 8160/6	**+ USM 8100**	190	218	1431	2790	65.0	275.0
USS 8160/7	**+ USM 8110**	190	218	1587	3010	71.0	288.0
USS 8160/8	**+ USM 8125**	190	218	1743	3230	77.0	305.0
USS 8160/9	**+ USM 10150**	240	240	1899	3390	83.0	395.0
USS 8160/10	**+ USM 10175**	240	240	2403	3990	109.0	452.0
USS 8160/11	**+ USM 10175**	240	240	2559	4145	115.0	458.0
USS 8160/12	**+ USM 10200**	240	240	2714	4429	121.0	506.0
USS 8160/13	**+ USM 10225**	240	240	2870	4660	127.0	552.0
USS 8160/14	**+ USM 10225**	240	240	3025	4815	133.0	558.0
USS 8160/15	**+ USM 10250**	240	240	3259	5210	153.0	618.0



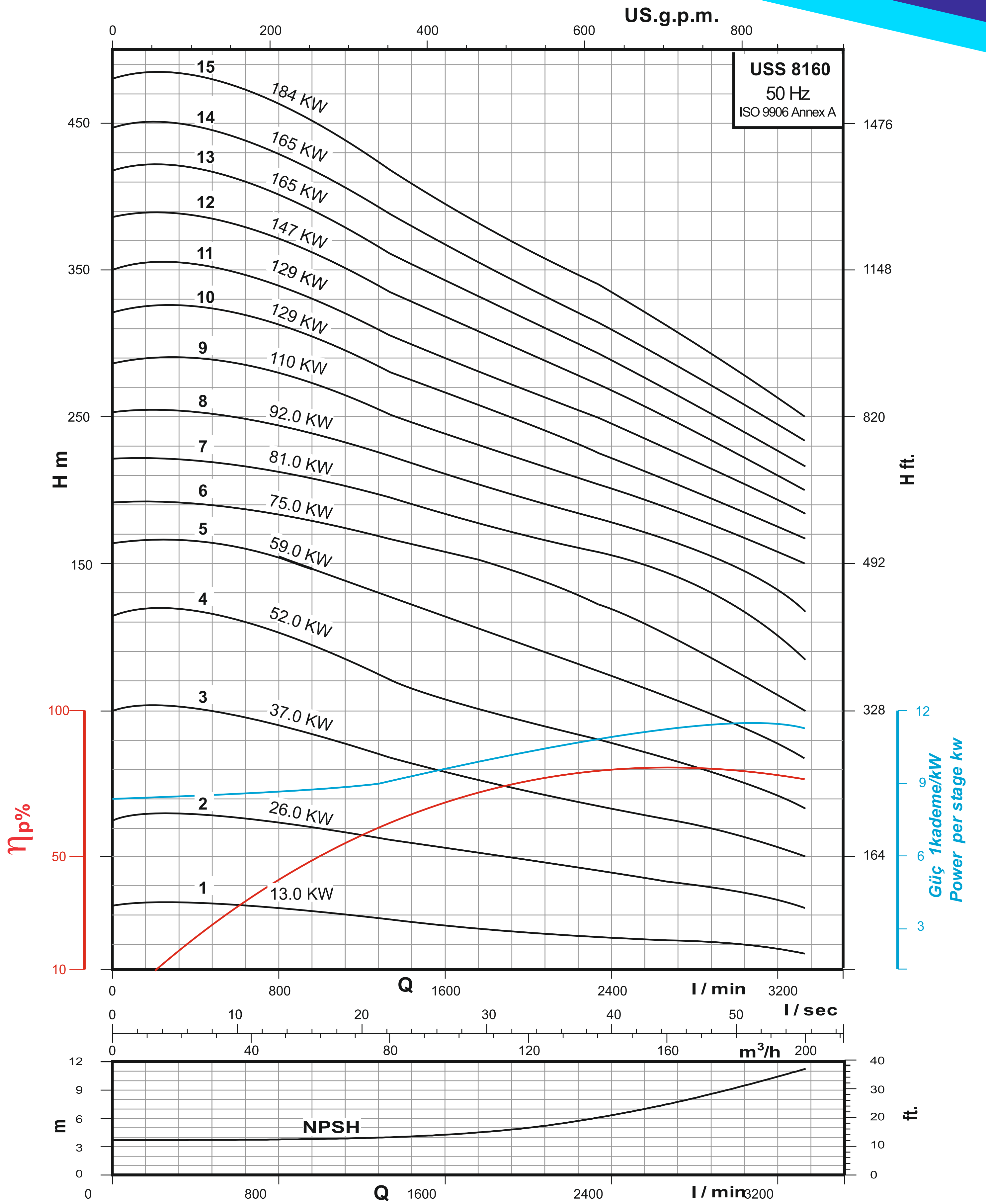
Teknik Bilgi / *Technical Data*

Karışık Akışlı 6" Paslanmaz Çelik Dalgıç Pompa

Mixed Flow 6" Stainless Steel Submersible Pump

ULUSOY
SU POMPALARI İML. SAN.VE TİC.A.Ş.
WATER PUMPS IND. and TRD. CO.

USS 8160



Performans eğrileri 15 °C sıcaklıkta, 1 atm. basınç altında,fiziksel değerleri kinematik viskozite ν = 1mm² /s ve yoğunluk ρ = 1000 kg / m³ olan temiz su baz alınarak hazırlanmıştır.

Performance curves are based on temp.15 °C , with pressure 1 atm. , physical values kinematic viscosity ν = 1mm² /sec and density ρ = 1000 kgs / m³ .

Firmamız , ürünler üzerinde haber vermeksizin değişiklik yapma hakkına sahiptir. *We reserve the right to make the changes on products without notice.*

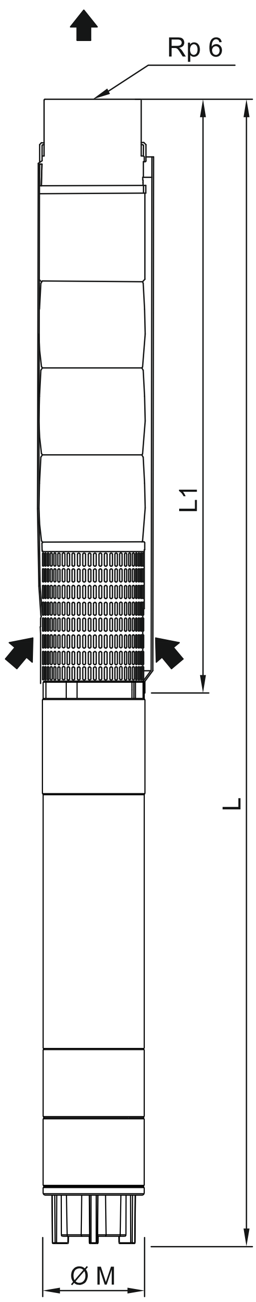
Teknik Bilgi / *Technical Data*

Karışık Akışlı 10" Paslanmaz Çelik Dalgıç Pompa

Mixed Flow 10" Stainless Steel Submersible Pump

USS 10215

Fan Tipi *Impeller Type*	*Karışık Mixed*	Maks.Randımanda H (tek kd.) *Max.Flow Rate In H (single stage)*	24,3 m
Maks.Randıman *Max. Efficiency*	77.1%	Maks.Randımanda Güç(P2) (tek kd.) *Max.Flow Rate In Power (P2)(single stage)*	18.5 kW
Maks.Randımanda Debi *Max.Flow Rate In Efficiency*	60 l/s	Maks.Güç(P2) (tek kd.) *Max.Power (P2) (single stage)*	18.8 kW

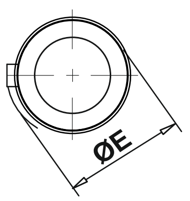


Performans Tablosu / *Performance Chart*

Pompa Tipi *Pump Type*	Motor Tipi *Motor Type*	HP	KW	Nominal Akım *Current* 380V	Q	n = 2900 rpm				
					l/sec	33.33	44.44	55.56	66.67	77.78
					m^3/h	120.0	160.0	200.0	240.0	280.0
					l/min	2000	2666	3334	4000	4667
USS 10215/1	**USM 6025**	25.0	18.5	42.0	**H m**	33	30	26	21	15
USS 10215/2	**USM 8060**	60.0	45.0	90.0		66	60	52	42	30
USS 10215/3	**USM 8080**	80.0	59.0	118.0		99	89	78	65	45
USS 10215/4	**USM 8100**	100.0	75.0	148.0		132	118	102	87	60
USS 10215/5	**USM 8125**	125.0	92.0	183.0		165	147	128	108	75
USS 10215/6	**USM 10150**	150.0	110.0	216.0		198	177	154	130	90
USS 10215/7	**USM 10175**	175.0	129.0	251.0		231	206	180	150	105
USS 10215/8	**USM 10200**	200.0	147.0	286.0		264	236	206	170	120
USS 10215/9	**USM 10225**	225.0	165.0	319.0		297	265	231	190	135
USS 10215/10	**USM 10250**	250.0	184.0	355.0		332	295	257	211	150

Ölçüler & Ağırlıklar
Dimensions & Weights

Pompa +Motor *Pump + Motor*	ØM (mm)	ØE (mm)	Boy *Length (mm)*		Ağırlık *Net Weight (kg)*	
			L1	L	Pump	Pump+ Motor
USS 10215/1 + USM 6025	142	241	790	1585	19.0	83.0
USS 10215/2 + USM 8060	190	241	966	2115	49.0	209.0
USS 10215/3 + USM 8080	190	241	1142	2430	61.0	241.0
USS 10215/4 + USM 8100	190	241	1318	2680	71.0	281.0
USS 10215/5 + USM 8125	190	241	1494	2980	81.0	309.0
USS 10215/6 + USM 10150	240	241	1670	3160	91.0	403.0
USS 10215/7 + USM 10175	240	241	1846	3430	101.0	444.0
USS 10215/8 + USM 10200	240	276	2022	3740	111.0	496.0
USS 10215/9 + USM 10225	240	276	2198	3990	121.0	546.0
USS 10215/10 + USM 10250	240	276	2374	4325	131.0	596.0

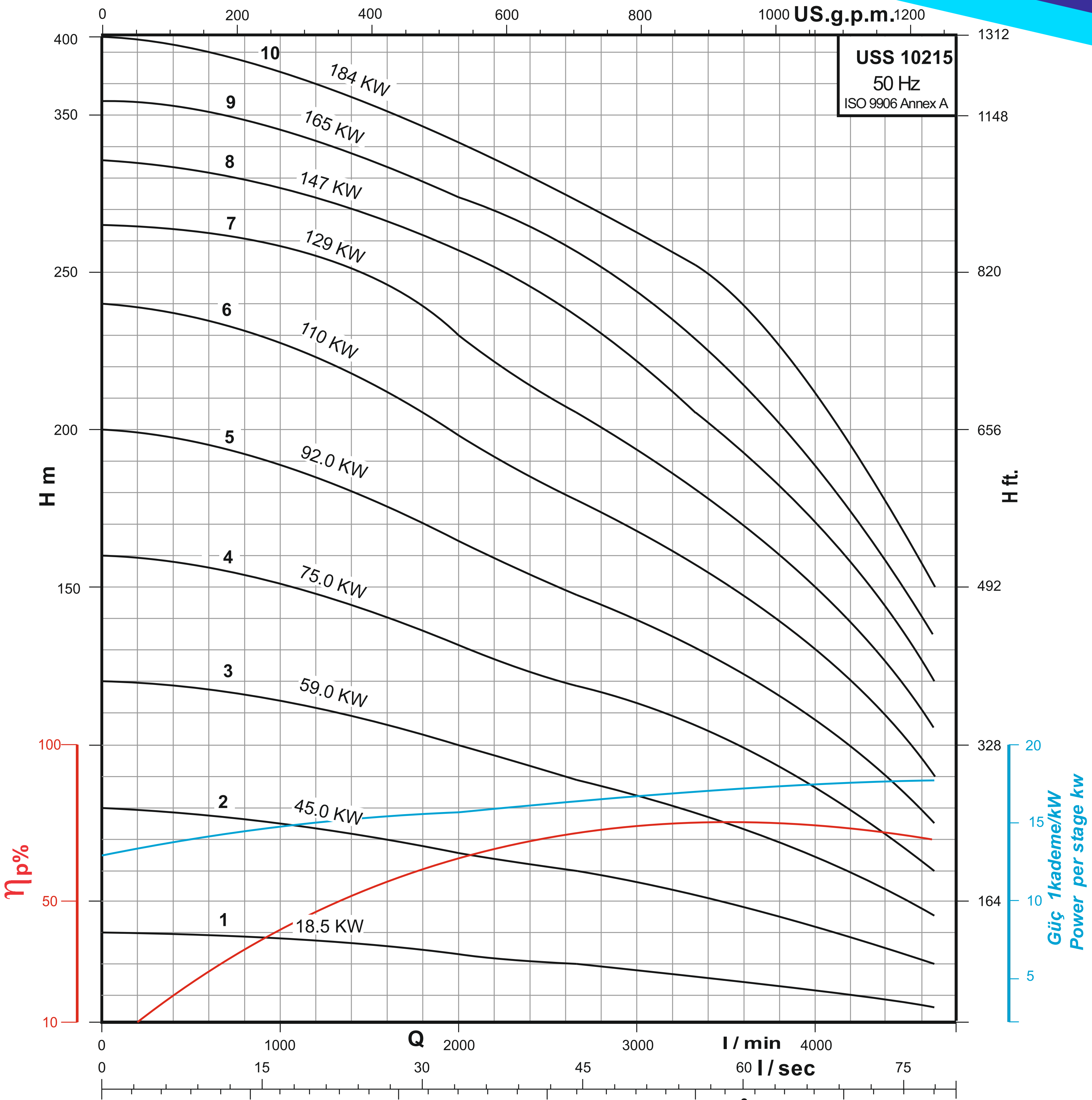


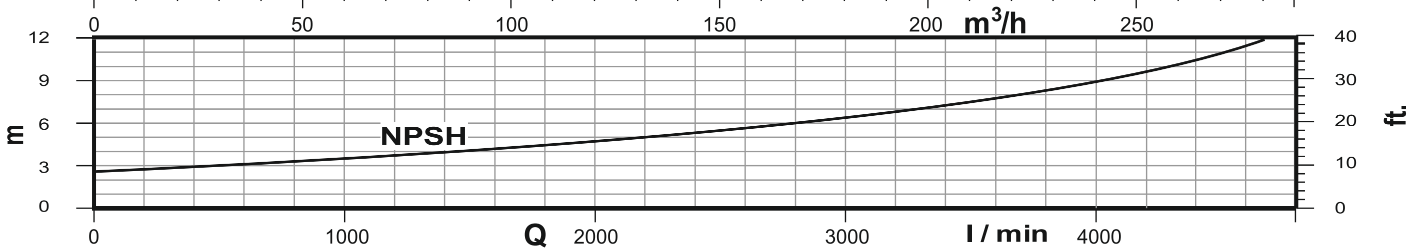
Teknik Bilgi / *Technical Data*

Karışık Akışlı 10" Paslanmaz Çelik Dalgıç Pompa

Mixed Flow 10" Stainless Steel Submersible Pump

USS 10215





Performans eğrileri 15 °C sıcaklıkta, 1 atm. basınç altında,fiziksel değerleri kinematik viskozite ν = 1mm² /s ve yoğunluk ρ = 1000 kg / m³ olan temiz su baz alınarak hazırlanmıştır.

Performance curves are based on temp.15 °C , with pressure 1 atm. , physical values kinematic viscosity ν = 1mm² /sec and density ρ = 1000 kgs / m³ .

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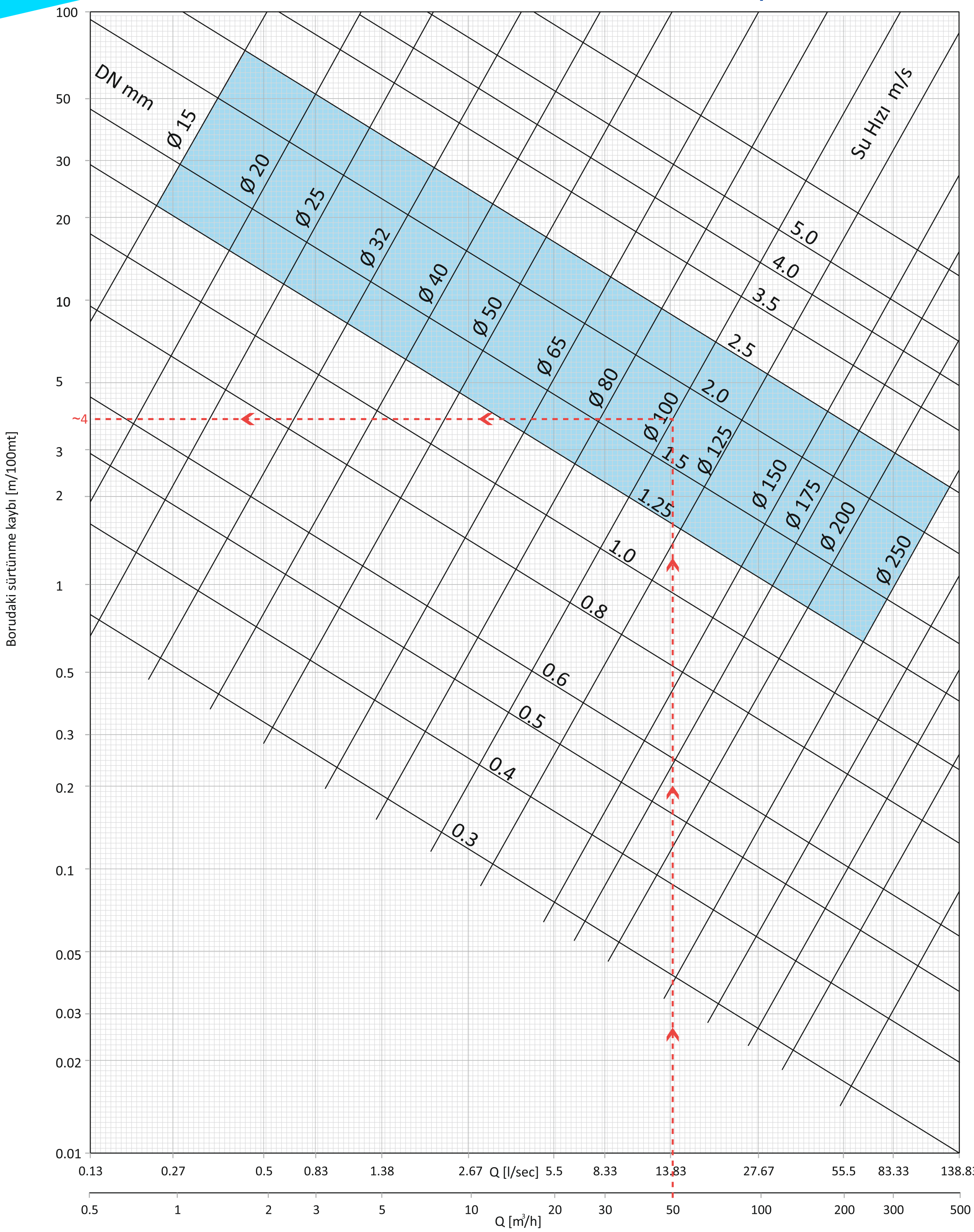
Sürtünme Kaybı / *Friction Loss*



Yeni demir boru için : 0.8
Eski demir borular için : 1.25
Plastik borular için:0.65

ÖRNEK : Debi Q = 50m³/h yeni demir boru çapı 100mm, uzunluk 200m
Yatay eksende akış miktarını bulunuz, dikey olarak DN 100 mm kesişmesini takip edin, renklendirilmiş alan içinde kalan su hızını dikkate alarak , dikey eksenden sürtünme kaybını bulun.

H = 4 m her 100m boru
H = 4 x 0.8 = 3.2m/100 (demir boru)
Gerçek degerlerde formüle uygulayalım.
H= 3.2 x 200:100 = 6.4 m (50m boru için)
Su hızı,kesişmenin noktasını bulmak için kullanılır, değerler 1,25 - 2 m/s eğimli çizgilerin arasında kurulur.
Örneğimiz için Su hızı C : Yaklaşık, 1.5 m/s

For the new iron pipe: 0.8
Old iron pipes: 1.25
For plastic pipes: 0.65

EXAMPLE: Flow rate Q = 50m ³ / h new iron pipe diameter 100mm, length 200m
Find the flow rate on the horizontal axis, the vertical intersection of DN 100 mm
Follow the remaining colored water speed in the area, taking into account
Find the friction loss of the vertical axis.

H = 4 m 100m pipe
H = 4 x 0.8 = 3.2m/100 (iron pipe)
Apply the real value formula.
H = 3.2 x 200:100 = 6.4 m (50 m for pipes)
The flow velocity is used to find the point of inflection, values from 1.25 to 2 m / s established between the curved lines.
For this example the water rate C: about 1.5 m / s

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DAS

KALİTE YÖNETİM SİSTEMİ

Kalite Sistem Sertifikası

ULUSOY SU POMPALARI

İMALATI SAN. VE TİC. LTD. ŞTİ.

10010 Sok. No: 8 A.O.S.B Çiğli İZMİR - TÜRKİYE

Kalite yönetim sistemi tetkik edilmiş ve aşağıdaki standardın gerekliliklerine uygunluğu tespit edilmiştir.

ISO 9001:2008

Kalite sistem sertifikası gözetim tetkikleri yapıldığı takdirde 15.05.2012-09.05.2015 tarihleri arasında aşağıdaki kapsam için geçerlidir:

Su pompa ve motorları imalatı, montajı ve satışı

Kapsam dışı: –

Sertifika Yayın Tarihi : 15.05.2012

Sertifika Geçerlilik Tarihi: 09.05.2014

Sertifika Numarası: TR 01-2311

Onay

Tarih: 17.05.2013

Registered ISO 9001 : 2008

UKAS QUALITY MANAGEMENT 127

IAF

DAS CERTIFICATION LTD.

info@dasturkey.com www.dasturkey.com

DIRECT ASSESMENT SERVICES

TSE

TÜRK STANDARDLARI ENSTİTÜSÜ

TÜRK STANDARDLARINA UYGUNLUK BELGESİ

TURKISH STANDARDS INSTITUTION

CERTIFICATE OF CONFORMITY TO TURKISH STANDARDS

Markanın Tanımı Description of the Mark
TSE veya/or TSE veya/or T S E

BELGE NUMARASI / REFERENCE NUMBER OF LICENCE	14.10.02/TSE-6997
BELGENİN İLK VERİLİŞ TARİHİ / DATE OF FIRST ISSUE OF LICENCE	21.04.1999
BELGENİN SON GEÇERLİLİK TARİHİ / LICENCE VALID UNTIL	21.04.2014
BELGE SAHİBİ KURULUŞUN ADI / NAME OF THE LICENCE HOLDER	ULUSOY SU POMPALARI İMALAT SANAYİ VE TİCARET LTD.ŞTİ.
BELGE SAHİBİ KURULUŞUN ADRESİ / ADRESS OF THE LICENCE HOLDER	A.O.S.B. 10010 SOK. NO:8 ÇİĞLİ İZMİR/1 İZMİR
ÜRETİM YERİ ADI / NAME OF THE MANUFACTURING PLACE	ULUSOY SU POMPALARI İMALAT SANAYİ VE TİCARET LTD.ŞTİ.
ÜRETİM YERİ ADRESİ / ADRESS OF THE MANUFACTURING PLACE	A.O.S.B. 10010 SK. NO:8 ÇİĞLİ İZMİR/1 İZMİR
İPTAL EDİLEN BELGE NUMARASI (Varsa) / INDICATION OF SUPERSEDED LICENCE (if any)	
TESCİLLİ TİCARİ MARKASI / REGISTERED TRADE MARK	ULUSOY SU POMPALARI SANAYİ
İLGİLİ TÜRK STANDARDI / RELATED TURKISH STANDARD	TS 11146 / Pompalar-Dalgıç-Temiz Su İçin / 07.12.1993
BELGE KAPSAMI / SCOPE OF LICENCE	

- POMPALAR-DALGIÇ,TEMİZ SU İÇİN ,KARIŞIK AKIŞLI, TRİFAZE, YILDIZ ÜÇGEN YOL VERMELİ DALGIÇ POMPA
****

Bu standard, genellikle derin kuyularda kullanılan dalgıç tipi, tek emme ağızlı, Pompa-elektrik motoru direkt akuple olan ve temiz su için kullanılan pompaları kapsar.

TÜRK STANDARDLARI ENSTİTÜSÜ MAKİNA SEKTÖRÜ MÜDÜRLÜĞÜ

27./05/2013

ABDÜLMUTTALİP AKTOĞ
MAKİNA SEKTÖRÜ MÜDÜRÜ

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