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SUBMERSIBLE STAINLESS PUMP

Fluid
Solutions

ES4 SP2

TEKNİK RESİMLER VE TABLolar TECHNICAL DRAWINGS AND INFORMATIONS SCHEMAS ET DIAGRAMMES TECHNIQUES

Pompalanan Sıvı: Kimyasal ve mekanik olarak aşındırıcı olmayan akışkan. Sıcaklık min=0°C max=40°C.
İzin veren maksimum kum miktarı = 50 g/m³ izin verilen katı parçacık ölçüsü: Max 2mm
Liquid being pumped: Chemically and mechanically non aggressive. Temperature min=0°C max=40°C.
Maximum allowable solid quantity = 50 g/m³ solid dimension: Max 2mm
Liquide pompé: Chimiquement et mécaniquement non agressif. Temperature min=0°C max=40°C.
Quantité maximale de sable tolérée = 50 g/m³ Diamètre des particules solides: Max 2mm

2900 RPM'de çalışma aralığı:
Operating range at 2900 RPM:
Gamme de fonctionnement à 2900 RPM:

HP= 0,75 - 4
Qmax= 2,4 m³ / h

En verimli noktada:
At the best efficiency point:
Au point du meilleur rendement:

Q= 1,8 m³ / h
H= 277 m

Maksimum pompa dış çapı (Kablo muhafazası ile birlikte):
Maximum pump diameter (Including cable guard):
Diametre maximal de pompe (y compris le couvre-cable):

94 mm

Çıkış Çapı:
Outlet diameter:
Diametre d'orifice de refoulement:

1 1/4"

Maximum uygulama derinliği: Su seviyesinin 400 m altına kadar.
Maximum depth of application: Up to 400 m below the water level
Profondeur maximum d'utilisation: Jusqu'à 400 m sous le niveau de l'eau

Maksimum çalışma basıncı:
Maximum working pressure:
Pression de fonctionnement maxi.:

40 atm

Minimum sıvı seviyesi: Emiş süzgecinin altından itibaren 600 mm.
Minimum liquid level: 600 mm from bottom of suction grid
Niveau minimum du liquide: 600 mm au-dessus de la crépine d'aspiration

Maksimum basma yüksekliği:
Maximum head:
Hauteur manométrique maximal:

354 m

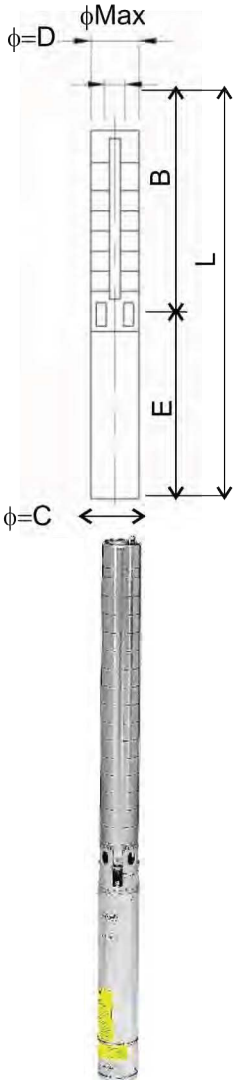
Fan tipi:
Impeller type:
Type de roue:

Semiaksiyel
Semiaxial
Demi axiale

İmalat ve güvenlik standartları:
Construction and safety standards:
Normes de construction et de sécurité:

TS 11146:1993
TS EN 809:2000
98/37/EC

TS EN ISO 12100-1:2007
TS EN ISO 12100-2:2006

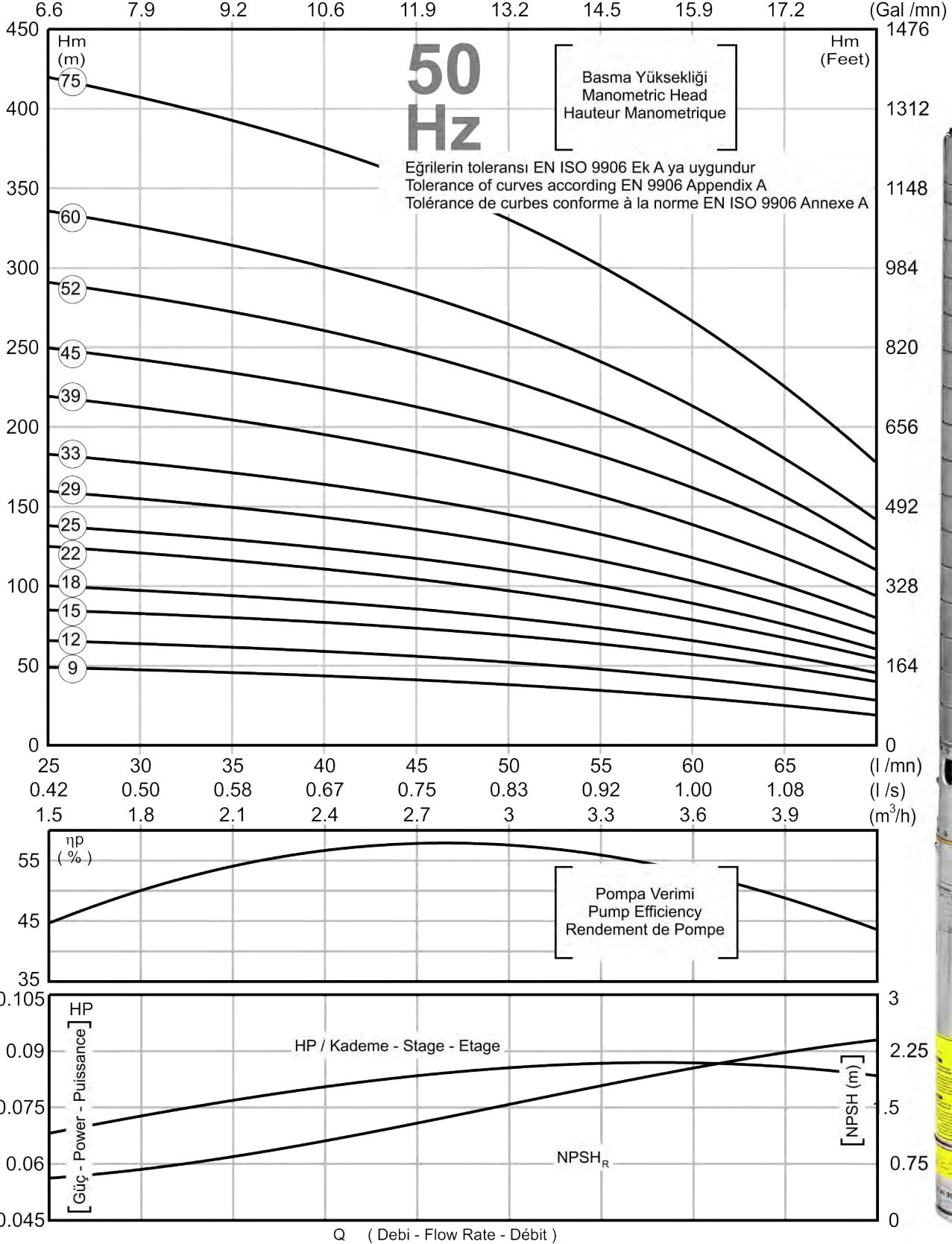


POMPA TİPİ PUMP TYPE TYPE DE POMPE	MOTOR MOTEUR		ÖLÇÜLER / DIMENSIONS (mm)								AĞIRLIK / WEIGHT / POIDS (kg)					
			1~	3~	1~	3~				1~	3~		1~	3~		
	HP	KW	L	L	E	E	B	Ø = C	Ø = D	Ø MAX	MOTOR MOTEUR		POMPA PUMP POMPE	TOPLAM TOTAL	TOPLAM TOTAL	
ES4 SP2 / 13	0,75	0,55	806	-	366	-	440	93	1 1/4"	94	8,8	-	3,8	12,6	-	
ES4 SP2 / 18	1	0,75	931	911	386	366	545	93	1 1/4"	94	9,7	8,8	4,7	14,4	13,5	
ES4 SP2 / 23	1,5	1,1	1081	1036	431	386	650	93	1 1/4"	94	11,6	9,7	5,7	17,3	15,4	
ES4 SP2 / 28	2	1,5	1231	1186	476	431	755	93	1 1/4"	94	13,5	11,6	6,6	20,1	18,2	
ES4 SP2 / 33	2	1,5	1359	1314	476	431	883	93	1 1/4"	94	13,5	11,6	9,7	23,2	21,3	
ES4 SP2 / 40	3	2,2	1539	1519	509	489	1030	93	1 1/4"	94	14,7	13,9	11,5	26,2	25,4	
ES4 SP2 / 48	3	2,2	1707	1687	509	489	1198	93	1 1/4"	94	14,7	13,9	13,5	28,2	27,4	
ES4 SP2 / 55	4	3	-	1893	-	548	1345	93	1 1/4"	94	-	17,6	15,3	-	32,9	
ES4 SP2 / 65	4	3	-	2103	-	548	1555	93	1 1/4"	94	-	17,6	17,8	-	35,4	

POMPA TİPİ PUMP TYPE TYPE DE POMPE	MOTOR MOTEUR		m ³ /h	0,0	0,9	1,2	1,5	1,8	2,1	2,4
			l/sn	0,00	0,25	0,33	0,42	0,50	0,58	0,67
ES4 SP2 / 13	0,75	0,55	Basma Yüksekliği (m) Head In Meters Hauteur Manométrique Totale En Metres	77	68	64	58	54	46	38
ES4 SP2 / 18	1	0,75		104	94	89	83	74	64	51
ES4 SP2 / 23	1,5	1,1		136	124	118	108	98	84	69
ES4 SP2 / 28	2	1,5		166	154	145	134	122	105	86
ES4 SP2 / 33	2	1,5		195	183	173	159	143	124	102
ES4 SP2 / 40	3	2,2		235	218	205	190	170	147	119
ES4 SP2 / 48	3	2,2		280	261	246	228	204	178	143
ES4 SP2 / 55	4	3		321	300	282	262	234	203	164
ES4 SP2 / 65	4	3		379	354	333	310	277	240	194

Dönüş Hızı Rotation Speed Vitesse de Rotation 2900 RPM	Dönüş Yönü / Rotation Saatin Tersi Yönünde Counterclockwise Sens Anti - Horaire	Klepe Çıkışı / Outlet / Sortie 1 1/4" İçten Pasolu 11 Diş 1 1/4" Inside Threaded 11 TPI 1 1/4" Fileté Interieur 11 TPI	Mil Ucu / Shaft End / Fin d'Arbre NEMA Standardına Uygun According to NEMA Standard En Accord Norme NEMA	According to En accord norme EN ISO 9906 Normuna Uygun	Tarih / Date 10 / 2009 Rev. 0
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Hidrolik çalışma karakteristikleri 15°C'deki suyla ve 1 bar atmosferik basınç altında alınmıştır
The hydraulic working characteristics have been calculated with water at 15°C at the atmospheric pressure of 1 bar
Les caractéristiques hydrauliques de fonctionnement ont été prises avec eau à 15°C à la pression atmosphérique de 1 bar



Performans eğrileri kinematik viskozite $\nu = 1 \text{ mm}^2/\text{s}$ ve yoğunluk $\rho = 1000 \text{ kg/m}^3$ temel alınarak oluşturulmuştur
Performance curves are based on the kinematic viscosity $\nu = 1 \text{ mm}^2/\text{s}$ and density $\rho = 1000 \text{ kg/m}^3$
Les courbes de performances sont basées sur la viscosité cinématique $\nu = 1 \text{ mm}^2/\text{s}$ et la densité $\rho = 1000 \text{ kg/m}^3$

ES4 SP3

TEKNİK RESİMLER VE TABLOLAR TECHNICAL DRAWINGS AND INFORMATIONS SCHEMAS ET DIAGRAMMES TECHNIQUES

Pompalanan Sıvı: Kimyasal ve mekanik olarak aşındırıcı olmayan akışkan. Sıcaklık min=0°C max=40°C.
İzin veren maksimum kum miktarı = 50 g/m³ izin verilen katı parçacık ölçüsü: Max 2mm
Liquid being pumped: Chemically and mechanically non aggressive. Temperature min=0°C max=40°C.
Maximum allowable solid quantity = 50 g/m³ solid dimension: Max 2mm
Liquide pompé: Chimiquement et mécaniquement non agressif. Temperature min=0°C max=40°C.
Quantité maximale de sable tolérée = 50 g/m³ Diamètre des particules solides: Max 2mm

2900 RPM'de çalışma aralığı:
Operating range at 2900 RPM:
Gamme de fonctionnement à 2900 RPM:

HP= 0,75 - 7,5
Qmax= 4,2 m³/h

En verimli noktada:
At the best efficiency point:
Au point du meilleur rendement:

Q= 3 m³/h
H= 331 m

Maksimum pompa dış çapı (Kablo muhafazası ile birlikte):
Maximum pump diameter (Including cable guard):
Diametre maximal de pompe (y compris le couvre-cable):

94 mm

Çıkış Çapı:
Outlet diameter:
Diametre d'orifice de refoulement:

1 1/4"

Maximum uygulama derinliği: Su seviyesinin 400 m altına kadar.
Maximum depth of application: Up to 400 m below the water level
Profondeur maximum d'utilisation: Jusqu'à 400 m sous le niveau de l'eau

Maksimum çalışma basıncı:
Maximum working pressure:
Pression de fonctionnement maxi.:

40 atm

Minimum sıvı seviyesi: Emiş süzgecinin altından itibaren 600 mm.
Minimum liquid level: 600 mm from bottom of suction grid
Niveau minimum du liquide: 600 mm au-dessus de la crépine d'aspiration

Maksimum basma yüksekliği:
Maximum head:
Hauteur manométrique maximal:

420 m

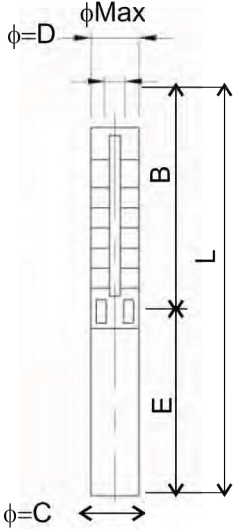
Fan tipi:
Impeller type:
Type de roue:

Semiaksiyel
Semiaxial
Demi axiale

İmalat ve güvenlik standartları:
Construction and safety standards:
Normes de construction et de sécurité:

TS 11146:1993
TS EN 809:2000
98/37/EC

TS EN ISO 12100-1:2007
TS EN ISO 12100-2:2006



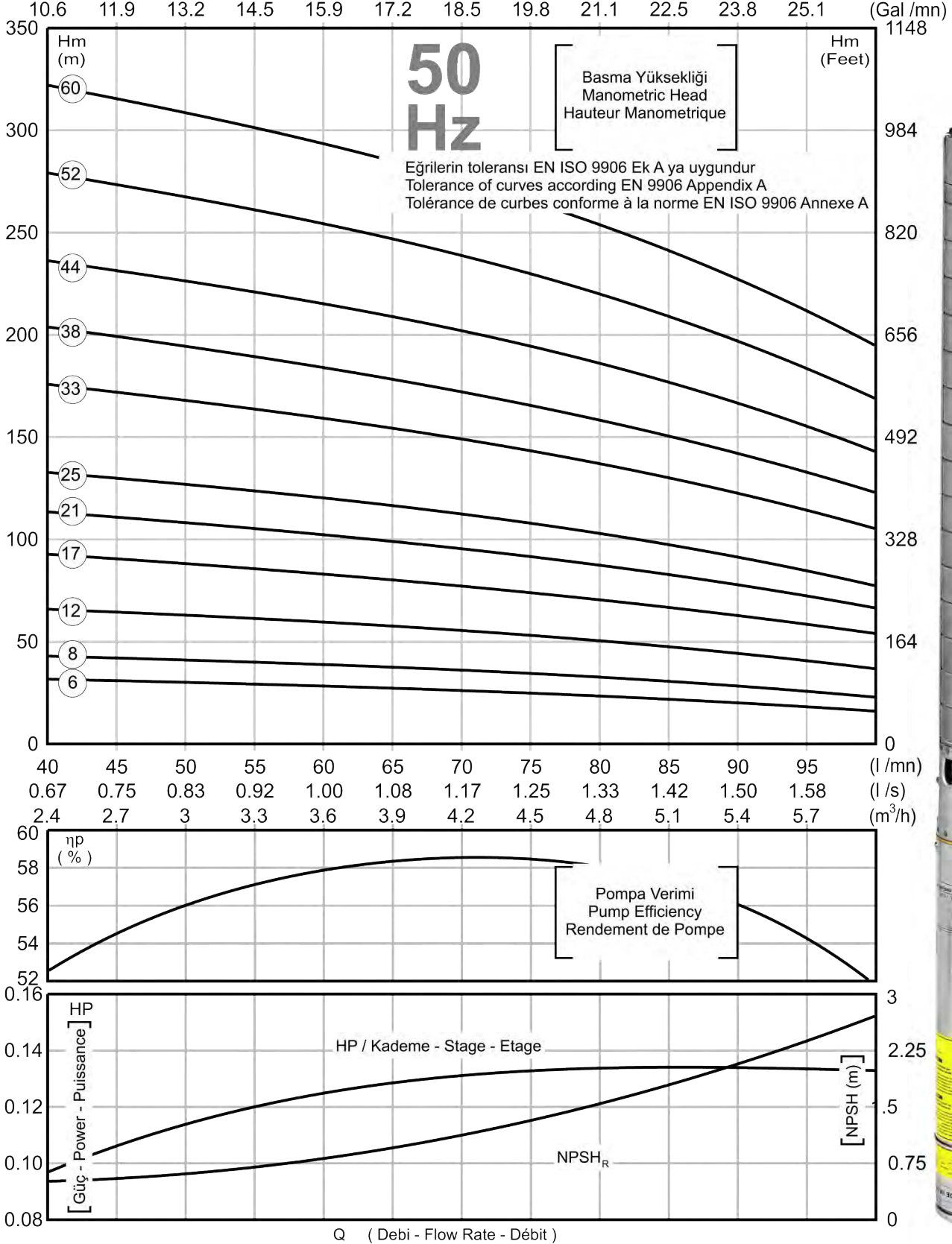
POMPA TİPİ PUMP TYPE TYPE DE POMPE	MOTOR MOTEUR		ÖLÇÜLER / DIMENSIONS (mm)								AĞIRLIK / WEIGHT / POIDS (kg)				
	HP	kW	1~	3~	1~	3~	B	Ø = C	Ø = D	Ø MAX	1~	3~	POMPA PUMP POMPE	TOPLAM TOTAL	TOPLAM TOTAL
ES4 SP3 / 09	0,75	0,55	722	-	366	-	356	93	1 1/4"	94	8,8	-	3	11,8	-
ES4 SP3 / 12	1	0,75	805	785	386	366	419	93	1 1/4"	94	9,7	8,8	3,6	13,3	12,4
ES4 SP3 / 15	1,5	1,1	913	868	431	386	482	93	1 1/4"	94	11,6	9,7	4,2	15,8	13,9
ES4 SP3 / 18	1,5	1,1	976	931	431	386	545	93	1 1/4"	94	11,6	9,7	4,7	16,3	14,4
ES4 SP3 / 22	2	1,5	1105	1060	476	431	629	93	1 1/4"	94	13,5	11,6	5,5	19,0	17,1
ES4 SP3 / 25	2	1,5	1168	1123	476	431	692	93	1 1/4"	94	13,5	11,6	6,1	19,6	17,7
ES4 SP3 / 29	3	2,2	1285	1265	509	489	776	93	1 1/4"	94	14,7	13,9	6,8	21,5	20,7
ES4 SP3 / 33	3	2,2	1392	1372	509	489	883	93	1 1/4"	94	14,7	13,9	9,7	24,4	23,6
ES4 SP3 / 39	4	3	-	1557	-	548	1009	93	1 1/4"	94	-	17,6	11,2	-	28,8
ES4 SP3 / 45	4	3	-	1683	-	548	1135	93	1 1/4"	94	-	17,6	12,7	-	30,3
ES4 SP3 / 52	5,5	4	-	1900	-	618	1282	93	1 1/4"	94	-	20,9	14,5	-	35,4
ES4 SP3 / 60	5,5	4	-	2068	-	618	1450	93	1 1/4"	94	-	20,9	16,5	-	37,4
ES4 SP3 / 75	7,5	5,5	-	2453	-	688	1765	93	1 1/4"	94	-	24,0	20,3	-	44,3

POMPA TİPİ PUMP TYPE TYPE DE POMPE	MOTOR MOTEUR		m ³ /h	0,0	1,5	1,8	2,1	2,4	2,7	3,0	3,6	4,2
	HP	kW	l/sn	0,00	0,42	0,50	0,58	0,67	0,75	0,83	1,00	1,17
ES4 SP3 / 09	0,75	0,55	Basma Yüksekliği (m) Head in Meters Hauteur Manométrique Totale En Mètres	57	49	47	46	44	41	38	30	19
ES4 SP3 / 12	1	0,75		77	66	64	62	58	56	52	43	28
ES4 SP3 / 15	1,5	1,1		97	85	83	80	77	74	69	57	40
ES4 SP3 / 18	1,5	1,1		116	101	97	94	90	85	80	67	45
ES4 SP3 / 22	2	1,5		143	127	120	115	110	105	97	80	54
ES4 SP3 / 25	2	1,5		160	139	134	128	124	117	110	90	60
ES4 SP3 / 29	3	2,2		185	160	155	149	143	136	127	103	70
ES4 SP3 / 33	3	2,2		211	183	177	172	164	155	145	118	80
ES4 SP3 / 39	4	3		252	219	213	204	195	185	172	138	94
ES4 SP3 / 45	4	3		288	250	243	233	224	213	199	162	110
ES4 SP3 / 52	5,5	4		334	291	282	272	261	247	230	184	123
ES4 SP3 / 60	5,5	4		385	336	325	314	301	285	265	212	142
ES4 SP3 / 75	7,5	5,5		481	420	406	393	376	356	331	265	178

Katalogtaki hidrolik karakteristikler çekvalf kayıplarını içermez.
Hydraulic characteristics of catalog don't include the loss of check-valve
Les caractéristiques hydrauliques de catalogue ne comprennent pas les pertes dans le clapet de retenue

Dönüş Hızı Rotation Speed Vitesse de Rotation 2900 RPM	Dönüş Yönü / Rotation Saatin Tersi Yönünde Counterclockwise Sens Anti - Horaire	Klepe Çıkışı / Outlet / Sortie 1 1/2" İçten Pasolu 11 Dış 1 1/2" Inside Threaded 11 TPI 1 1/2" Fileté Interieur 11 TPI	Mil Ucu / Shaft End / Fin d'Arbre NEMA Standardına Uygun According to NEMA Standard En Accord Norme NEMA	According to En accord norme EN ISO 9906 Normuna Uygun	Tarih / Date 10 / 2009
					Rev. 0

Hidrolik çalışma karakteristikleri 15°C'deki suyla ve 1 bar atmosferik basınç altında alınmıştır
The hydraulic working characteristics have been calculated with water at 15°C at the atmospheric pressure of 1 bar
Les caractéristiques hydrauliques de fonctionnement ont été prises avec eau à 15°C à la pression atmosphérique de 1 bar



Performans eğrileri kinematik viskozite $\nu = 1 \text{ mm}^2/\text{s}$ ve yoğunluk $\rho = 1000 \text{ kg/m}^3$ temel alınarak oluşturulmuştur
Performance curves are based on the kinematic viscosity $\nu = 1 \text{ mm}^2/\text{s}$ and density $\rho = 1000 \text{ kg/m}^3$
Les courbes de performances sont basées sur la viscosité cinématique $\nu = 1 \text{ mm}^2/\text{s}$ et la densité $\rho = 1000 \text{ kg/m}^3$

ES4 SP4

TEKNİK RESİMLER VE TABLOLAR TECHNICAL DRAWINGS AND INFORMATIONS SCHEMAS ET DIAGRAMMES TECHNIQUES

Pompalanan Sıvı: Kimyasal ve mekanik olarak aşındırıcı olmayan akışkan. Sıcaklık min=0°C max=40°C.
İzin veren maksimum kum miktarı = 50 g/m³ izin verilen katı parçacık ölçüsü: Max 2mm
Liquid being pumped: Chemically and mechanically non aggressive. Temperature min=0°C max=40°C.
Maximum allowable solid quantity = 50 g/m³ solid dimension: Max 2mm
Liquide pompé: Chimiquement et mécaniquement non agressif. Temperature min=0°C max=40°C.
Quantité maximale de sable tolérée = 50 g/m³ Diamètre des particules solides: Max 2mm

2900 RPM'de çalışma aralığı:
Operating range at 2900 RPM:
Gamme de fonctionnement à 2900 RPM:

HP= 0,75 - 7,5
Qmax= 6 m³/h

En verimli noktada:
At the best efficiency point:
Au point du meilleur rendement:

Q= 4,2 m³/h
H= 276 m

Maksimum pompa dış çapı (Kablo muhafazası ile birlikte):
Maximum pump diameter (Including cable guard):
Diametre maximal de pompe (y compris le couvre-cable):

94 mm

Çıkış Çapı:
Outlet diameter:
Diametre d'orifice de refoulement:

1 1/2"

Maximum uygulama derinliği: Su seviyesinin 400 m altına kadar.
Maximum depth of application: Up to 400 m below the water level
Profondeur maximum d'utilisation: Jusqu'à 400 m sous le niveau de l'eau

Maksimum çalışma basıncı:
Maximum working pressure:
Pression de fonctionnement maxi.:

40 atm

Minimum sıvı seviyesi: Emiş süzgecinin altından itibaren 600 mm.
Minimum liquid level: 600 mm from bottom of suction grid
Niveau minimum du liquide: 600 mm au-dessus de la crépine d'aspiration

Maksimum basma yüksekliği:
Maximum head:
Hauteur manométrique maximal:

323 m

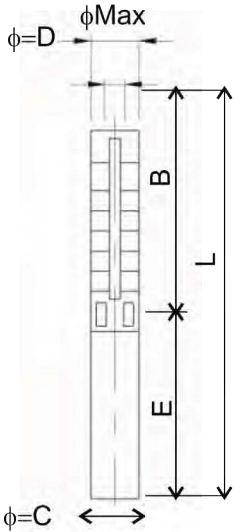
Fan tipi:
Impeller type:
Type de roue:

Semiaksiyel
Semiaxial
Demi axiale

İmalat ve güvenlik standartları:
Construction and safety standards:
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TS 11146:1993
TS EN 809:2000
98/37/EC

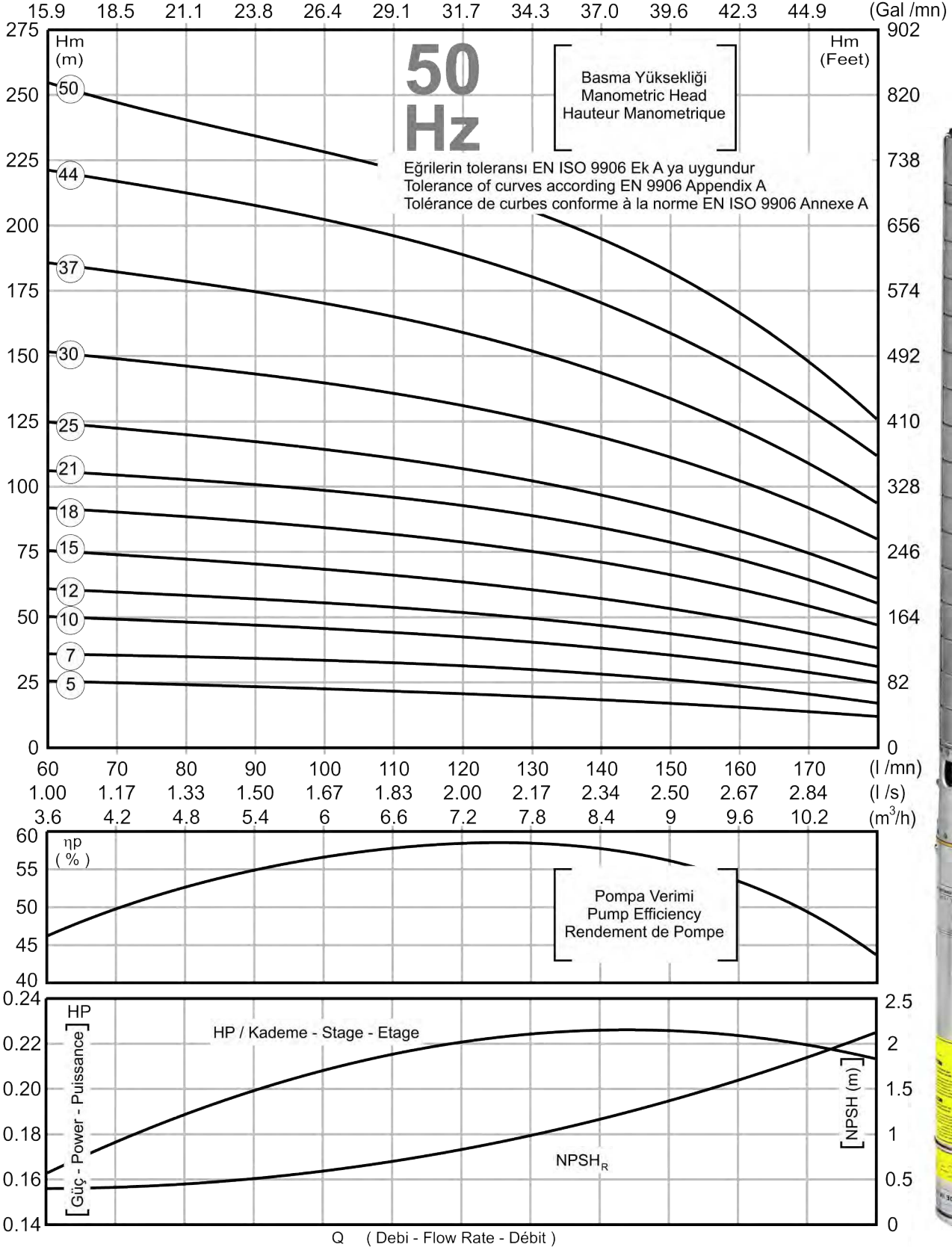
TS EN ISO 12100-1:2007
TS EN ISO 12100-2:2006



POMPA TİPİ PUMP TYPE TYPE DE POMPE	MOTOR MOTEUR		ÖLÇÜLER / DIMENSIONS (mm)								AĞIRLIK / WEIGHT / POIDS (kg)					
	HP	kW	1~	3~	1~	3~	1~	3~	1~	3~	1~	3~	1~	3~	1~	3~
ES4 SP4 / 06	0,75	0,55	659	-	366	-	293	93	1 1/2"	94	8,8	-	2,4	11,2	-	-
ES4 SP4 / 08	1	0,75	721	701	386	366	335	93	1 1/2"	94	9,7	8,8	2,8	12,5	11,6	-
ES4 SP4 / 12	1,5	1,1	850	805	431	386	419	93	1 1/2"	94	11,6	9,7	3,6	15,2	13,3	-
ES4 SP4 / 17	2	1,5	1000	955	476	431	524	93	1 1/2"	94	13,5	11,6	4,5	18,0	16,1	-
ES4 SP4 / 21	3	2,2	1117	1097	509	489	608	93	1 1/2"	94	14,7	13,9	5,3	20,0	19,2	-
ES4 SP4 / 25	3	2,2	1201	1181	509	489	692	93	1 1/2"	94	14,7	13,9	6	20,7	19,9	-
ES4 SP4 / 33	4	3	-	1416	-	548	868	93	1 1/2"	94	-	17,6	9,6	-	27,2	-
ES4 SP4 / 38	5,5	4	-	1591	-	618	973	93	1 1/2"	94	-	20,9	10,9	-	31,8	-
ES4 SP4 / 44	5,5	4	-	1717	-	618	1099	93	1 1/2"	94	-	20,9	12,4	-	33,3	-
ES4 SP4 / 52	7,5	5,5	-	1955	-	688	1267	93	1 1/2"	94	-	24,0	14,4	-	38,4	-
ES4 SP4 / 60	7,5	5,5	-	2123	-	688	1435	93	1 1/2"	94	-	24,0	16,4	-	40,4	-

POMPA TİPİ PUMP TYPE TYPE DE POMPE	MOTOR MOTEUR		m ³ /h	0,0	2,4	2,7	3,0	3,6	4,2	4,8	5,4	6,0
	HP	kW	l/sn	0,00	0,67	0,75	0,83	1,00	1,17	1,33	1,50	1,67
ES4 SP4 / 06	0,75	0,55	Basma Yüksekliği (m) Head In Meters Hauteur Manométrique Totale En Metres	38	32	31	30	28	26	24	20	16
ES4 SP4 / 08	1	0,75		52	43	42	41	39	36	33	28	23
ES4 SP4 / 12	1,5	1,1		77	66	64	63	60	56	50	44	37
ES4 SP4 / 17	2	1,5		108	93	90	88	84	77	70	63	54
ES4 SP4 / 21	3	2,2		134	113	111	108	103	96	87	77	67
ES4 SP4 / 25	3	2,2		157	133	129	127	121	113	103	90	78
ES4 SP4 / 33	4	3		209	176	172	168	159	149	137	123	105
ES4 SP4 / 38	5,5	4		242	204	199	194	185	172	158	142	123
ES4 SP4 / 44	5,5	4		279	237	231	226	215	202	187	166	143
ES4 SP4 / 52	7,5	5,5		330	280	273	267	254	239	221	196	169
ES4 SP4 / 60	7,5	5,5		381	323	315	308	293	276	255	226	195

Dönüş Hızı Rotation Speed Vitesse de Rotation 2900 RPM	Dönüş Yönü / Rotation Saatin Tersi Yönünde Counterclockwise Sens Anti - Horaire	Klepe Çıkışı / Outlet / Sortie 2" İçten Pasolu 11 Diş 2" Inside Threaded 11 TPI 2" Fileté Interieur 11 TPI	Mil Ucu / Shaft End / Fin d'Arbre NEMA Standardına Uygun According to NEMA Standard En Accord Norme NEMA	According to En accord norme EN ISO 9906 Normuna Uygun	Tarih / Date 10 / 2009
					Rev. 0



Performans eğrileri kinematik viskozite $\nu = 1 \text{ mm}^2/\text{s}$ ve yoğunluk $\rho = 1000 \text{ kg/m}^3$ temel alınarak oluşturulmuştur
 Performance curves are based on the kinematic viscosity $\nu = 1 \text{ mm}^2/\text{s}$ and density $\rho = 1000 \text{ kg/m}^3$
 Les courbes de performances sont basées sur la viscosité cinématique $\nu = 1 \text{ mm}^2/\text{s}$ et la densité $\rho = 1000 \text{ kg/m}^3$

Hidrolik çalışma karakteristikleri 15°C'deki suyla ve 1 bar atmosferik basınç altında alınmıştır
 The hydraulic working characteristics have been calculated with water at 15°C at the atmospheric pressure of 1 bar
 Les caractéristiques hydrauliques de fonctionnement ont été prises avec eau à 15°C à la pression atmosphérique de 1 bar

ES4 SP8

TEKNİK RESİMLER VE TABLOLAR TECHNICAL DRAWINGS AND INFORMATIONS SCHEMAS ET DIAGRAMMES TECHNIQUES

Pompalanan Sıvı: Kimyasal ve mekanik olarak aşındırıcı olmayan akışkan. Sıcaklık min=0°C max=40°C.
İzin verilen maksimum kum miktarı = 50 g/m³ izin verilen katı parçacık ölçüsü: Max 2mm
Liquid being pumped: Chemically and mechanically non aggressive. Temperature min=0°C max=40°C.
Maximum allowable solid quantity = 50 g/m³ solid dimension: Max 2mm
Liquide pompé: Chimiquement et mécaniquement non agressif. Temperature min=0°C max=40°C.
Quantité maximale de sable tolérée = 50 g/m³ Diamètre des particules solides: Max 2mm

2900 RPM'de çalışma aralığı:
Operating range at 2900 RPM:
Gamme de fonctionnement à 2900 RPM:

HP= 1 - 10
Qmax= 11 m³/h

En verimli noktada:
At the best efficiency point:
Au point du meilleur rendement:

Q= 7,8 m³/h
H= 210 m

Maksimum pompa dış çapı (Kablo muhafazası ile birlikte):
Maximum pump diameter (Including cable guard):
Diametre maximal de pompe (y compris le couvre-cable):

94 mm

Çıkış Çapı:
Outlet diameter:
Diametre d'orifice de refoulement:

2"

Maksimum uygulama derinliği: Su seviyesinin 400 m altına kadar.
Maximum depth of application: Up to 400 m below the water level
Profondeur maximum d'utilisation: Jusqu'à 400 m sous le niveau de l'eau

Maksimum çalışma basıncı:
Maximum working pressure:
Pression de fonctionnement maxi.:

40 atm

Minimum sıvı seviyesi: Emiş süzgecinin altından itibaren 600 mm.
Minimum liquid level: 600 mm from bottom of suction grid
Niveau minimum du liquide: 600 mm au-dessus de la crépine d'aspiration

Maksimum basma yüksekliği:
Maximum head:
Hauteur manométrique maximale:

255 m

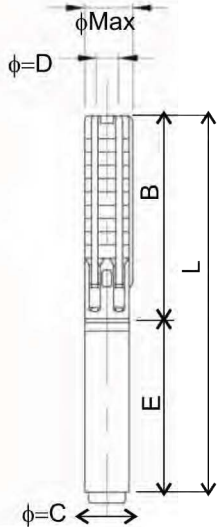
Fan tipi:
Impeller type:
Type de roue:

Semiaksiyel
Semiaxial
Demiaxiale

İmalat ve güvenlik standartları:
Construction and safety standards:
Normes de construction et de sécurité:

TS 11146:1993
TS EN 809:2000
98/37/EC

TS EN ISO 12100-1:2007
TS EN ISO 12100-2:2006



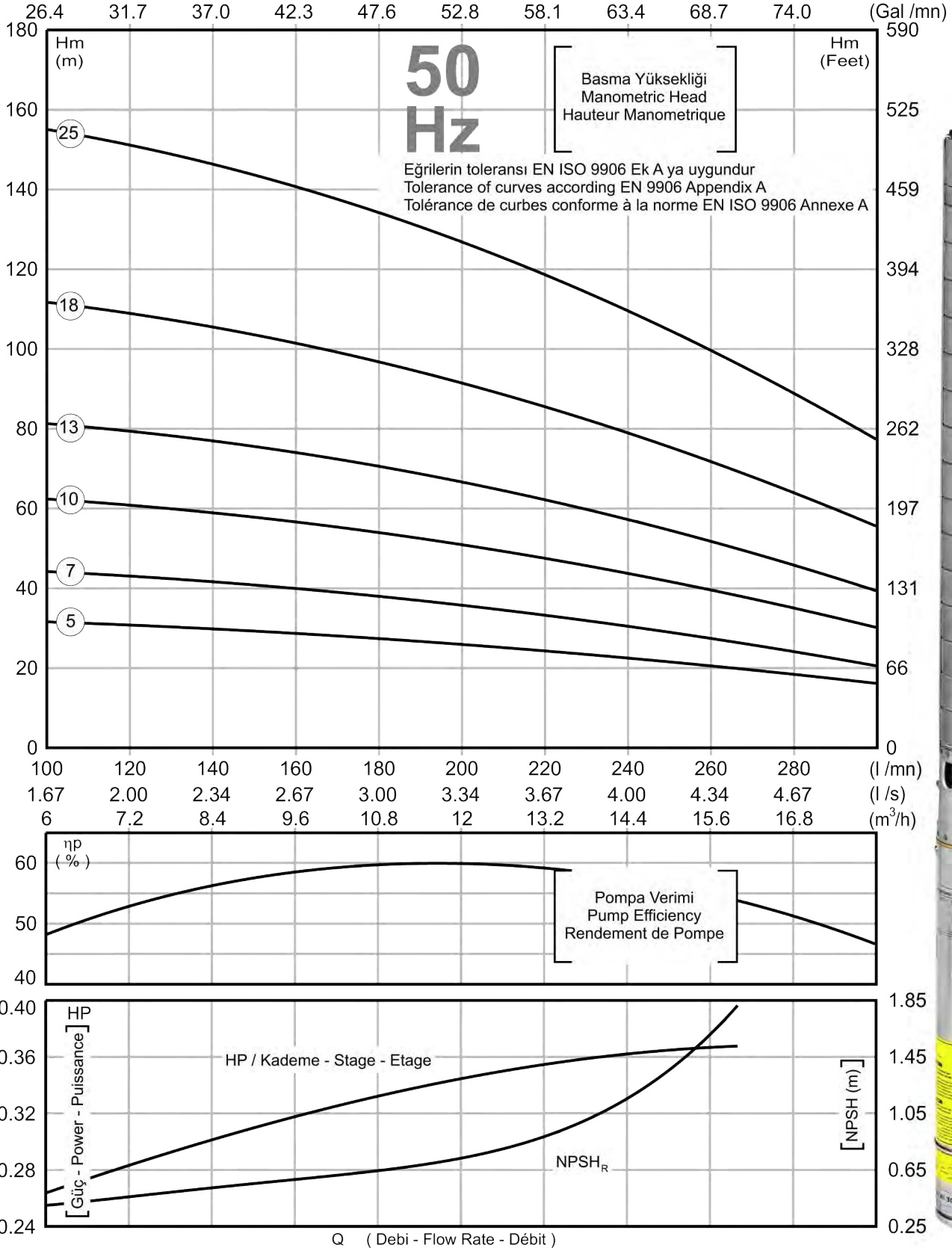
POMPA TİPİ PUMP TYPE TYPE DE POMPE	MOTOR MOTEUR		ÖLÇÜLER / DIMENSIONS (mm)								AĞIRLIK / WEIGHT / POIDS (kg)					
			1~	3~	1~	3~							1~	3~		1~
	HP	kW	L	L	E	E	B	Ø = C	Ø = D	Ø MAX	MOTOR MOTEUR		POMPA PUMP POMPE	TOPLAM TOTAL	TOPLAM TOTAL	
ES4 SP8 / 05	1	0,75	798	778	386	366	412	93	2"	94	9,7	8,8	4,3	14,0	13,1	
ES4 SP8 / 07	1,5	1,1	927	882	431	386	496	93	2"	94	11,6	9,7	5,3	16,9	15,0	
ES4 SP8 / 10	2	1,5	1098	1053	476	431	622	93	2"	94	13,5	11,6	6,8	20,3	18,4	
ES4 SP8 / 12	3	2,2	1215	1195	509	489	706	93	2"	94	14,7	13,9	7,8	22,5	21,7	
ES4 SP8 / 15	3	2,2	1341	1321	509	489	832	93	2"	94	14,7	13,9	9,3	24,0	23,2	
ES4 SP8 / 18	4	3	-	1506	-	548	958	93	2"	94	-	17,6	10,8	-	28,4	
ES4 SP8 / 21	5,5	4	-	1702	-	618	1084	93	2"	94	-	20,9	12,3	-	33,2	
ES4 SP8 / 25	5,5	4	-	1870	-	618	1252	93	2"	94	-	20,9	14,3	-	35,2	
ES4 SP8 / 30	7,5	5,5	-	2150	-	688	1462	93	2"	94	-	24,0	16,8	-	40,8	
ES4 SP8 / 37	7,5	5,5	-	2441	-	688	1753	93	2"	94	-	24,0	20,3	-	44,3	
ES4 SP8 / 44	10	7,5	-	2815	-	768	2047	93	2"	94	-	28,0	23,8	-	51,8	
ES4 SP8 / 50	10	7,5	-	3067	-	768	2299	93	2"	94	-	28,0	26,8	-	54,8	

POMPA TİPİ PUMP TYPE TYPE DE POMPE	MOTOR MOTEUR		m ³ /h	0,0	3,6	4,2	4,8	5,4	6,0	7,2	8,4	9,6	10,8
			l/sn	0,00	1,00	1,17	1,33	1,50	1,67	2,00	2,33	2,67	3,00
	HP	kW	Basma Yüksekliği (m) Head In Meters Hauteur Manométrique Totale En Metres	30	26	25	24	23	22	21	19	15	12
ES4 SP8 / 05	1	0,75	41	36	35	35	34	34	32	27	24	17	
ES4 SP8 / 07	1,5	1,1	58	51	49	47	47	46	43	38	32	25	
ES4 SP8 / 10	2	1,5	71	61	60	58	57	55	52	47	40	31	
ES4 SP8 / 12	3	2,2	87	76	74	72	70	68	64	57	49	38	
ES4 SP8 / 15	3	2,2	104	93	90	88	86	84	79	72	60	47	
ES4 SP8 / 18	4	3	122	107	105	102	100	98	93	85	72	55	
ES4 SP8 / 21	5,5	4	144	126	123	119	116	114	107	97	84	64	
ES4 SP8 / 25	5,5	4	174	154	149	145	142	139	131	120	103	79	
ES4 SP8 / 30	7,5	5,5	215	188	183	177	173	169	160	145	122	93	
ES4 SP8 / 37	7,5	5,5	256	224	218	210	206	201	190	172	145	111	
ES4 SP8 / 44	10	7,5	291	255	248	239	234	228	216	195	165	126	
ES4 SP8 / 50	10	7,5											

Katalogtaki hidrolik karakteristikler çekvalf kayıplarını içermez.
Hydraulic characteristics of catalog don't include the loss of check-valve
Les caractéristiques hydrauliques de catalogue ne comprennent pas les pertes dans le clapet de retenue

Dönüş Hızı Rotation Speed Vitesse de Rotation 2900 RPM	Dönüş Yönü / Rotation Saatin Tersi Yönünde Counterclockwise Sens Anti - Horaire	Klepe Çıkışı / Outlet / Sortie 2" İçten Pasolu 11 Diş 2" Inside Threaded 11 TPI 2" Fileté Interieur 11 TPI	Mil Ucu / Shaft End / Fin d'Arbre NEMA Standardına Uygun According to NEMA Standard En Accord Norme NEMA	According to En accord norme EN ISO 9906 Normuna Uygun	Tarih / Date 10 / 2009
					Rev. 0

Hidrolik çalışma karakteristikleri 15°C'deki suyla ve 1 bar atmosferik basınç altında alınmıştır
 The hydraulic working characteristics have been calculated with water at 15°C at the atmospheric pressure of 1 bar
 Les caractéristiques hydrauliques de fonctionnement ont été prises avec eau à 15°C à la pression atmosphérique de 1 bar



Performans eğrileri kinematik viskozite $\nu = 1 \text{ mm}^2/\text{s}$ ve yoğunluk $\rho = 1000 \text{ kg/m}^3$ temel alınarak oluşturulmuştur
 Performance curves are based on the kinematic viscosity $\nu = 1 \text{ mm}^2/\text{s}$ and density $\rho = 1000 \text{ kg/m}^3$
 Les courbes de performances sont basées sur la viscosité cinématique $\nu = 1 \text{ mm}^2/\text{s}$ et la densité $\rho = 1000 \text{ kg/m}^3$

ES4 SP12

TEKNİK RESİMLER VE TABLOLAR TECHNICAL DRAWINGS AND INFORMATIONS SCHEMAS ET DIAGRAMMES TECHNIQUES

Pompalanan Sıvı: Kimyasal ve mekanik olarak aşındırıcı olmayan akışkan. Sıcaklık min=0°C max=40°C.
İzin veren maksimum kum miktarı = 50 g/m³ izin verilen katı parçacık ölçüsü: Max 2mm
Liquid being pumped: Chemically and mechanically non aggressive. Temperature min=0°C max=40°C.
Maximum allowable solid quantity = 50 g/m³ solid dimension: Max 2mm
Liquide pompé: Chimiquement et mécaniquement non agressif. Temperature min=0°C max=40°C.
Quantité maximale de sable tolérée = 50 g/m³ Diamètre des particules solides: Max 2mm

2900 RPM'de çalışma aralığı:
Operating range at 2900 RPM:
Gamme de fonctionnement à 2900 RPM:

HP= 2 - 10
Qmax= 18 m³/h

En verimli noktada:
At the best efficiency point:
Au point du meilleur rendement:

Q= 12 m³/h
H= 129 m

Maksimum pompa dış çapı (Kablo muhafazası ile birlikte):
Maximum pump diameter (Including cable guard):
Diametre maximal de pompe (y compris le couvre-cable):

94 mm

Çıkış Çapı:
Outlet diameter:
Diametre d'orifice de refoulement:

2"

Maximum uygulama derinliği: Su seviyesinin 400 m altına kadar.
Maximum depth of application: Up to 400 m below the water level
Profondeur maximum d'utilisation: Jusqu'à 400 m sous le niveau de l'eau

Maksimum çalışma basıncı:
Maximum working pressure:
Pression de fonctionnement maxi.:

40 atm

Minimum sıvı seviyesi: Emiş süzgecinin altından itibaren 600 mm.
Minimum liquid level: 600 mm from bottom of suction grid
Niveau minimum du liquide: 600 mm au-dessus de la crépine d'aspiration

Maksimum basma yüksekliği:
Maximum head:
Hauteur manométrique maximal:

154 m

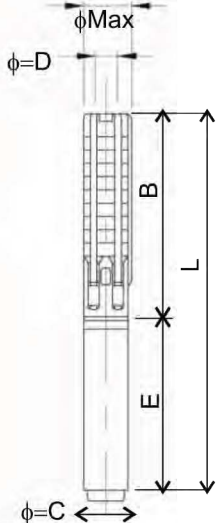
Fan tipi:
Impeller type:
Type de roue:

Semiaksiyel
Semiaxial
Demi axiale

İmalat ve güvenlik standartları:
Construction and safety standards:
Normes de construction et de sécurité:

TS 11146:1993
TS EN 809:2000
98/37/EC

TS EN ISO 12100-1:2007
TS EN ISO 12100-2:2006



POMPA TİPİ PUMP TYPE TYPE DE POMPE	MOTOR MOTEUR		ÖLÇÜLER / DIMENSIONS (mm)								AĞIRLIK / WEIGHT / POIDS (kg)				
			1~	3~	1~	3~				1~	3~		1~	3~	
	HP	KW	L	L	E	E	B	Ø = C	Ø = D	Ø MAX	MOTOR MOTEUR		POMPA PUMP POMPE	TOPLAM TOTAL	TOPLAM TOTAL
ES4 SP12 / 05	2	1,5	981	936	476	431	505	93	2"	94	13,5	11,6	5	18,5	16,6
ES4 SP12 / 07	3	2,2	1144	1124	509	489	635	93	2"	94	14,7	13,9	6,3	21,0	20,2
ES4 SP12 / 10	4	3	-	1378	-	548	830	93	2"	94	-	17,6	8,2	-	25,8
ES4 SP12 / 13	5,5	4	-	1643	-	618	1025	93	2"	94	-	20,9	10,2	-	31,1
ES4 SP12 / 18	7,5	5,5	-	2038	-	688	1350	93	2"	94	-	24,0	13,4	-	37,4
ES4 SP12 / 25	10	7,5	-	2573	-	768	1805	93	2"	94	-	28,0	17,8	-	45,8

POMPA TİPİ PUMP TYPE TYPE DE POMPE	MOTOR MOTEUR		m ³ /h	0,0	6,0	7,2	8,4	9,6	10,8	12,0	15,0	18,0
			l/sn	0,00	1,67	2,00	2,33	2,67	3,00	3,33	4,17	5,00
	HP	kW	Basma Yüksekliği (m) Head in Meters Hauteur Manométrique Totale En Metres	33	32	31	30	28	27	26	22	16
ES4 SP12 / 05	2	1,5		46	44	43	42	40	37	36	30	20
ES4 SP12 / 07	3	2,2		65	62	60	58	57	54	52	43	29
ES4 SP12 / 10	4	3		84	80	78	77	74	72	67	56	38
ES4 SP12 / 13	5,5	4		117	111	108	104	102	97	93	77	54
ES4 SP12 / 18	7,5	5,5		163	154	149	145	141	135	129	107	75
ES4 SP12 / 25	10	7,5										

Katalogtaki hidrolik karakteristikler çekvalf kayıplarını içermez.
Hydraulic characteristics of catalog don't include the loss of check-valve
Les caractéristiques hydrauliques de catalogue ne comprennent pas les pertes dans le clapet de retenue

50 Hz seçim aralığı: Q= 6 m³/sa - 14 m³/sa
Standart Klepe Çıkışı : 2 1/2" İçten Pasolu 11 Diş (NPT : Özel istek)
Fan tipi: Semiaksiyel
Dönüş : Saat Yönü Ters
Bağlantı : NEMA Standardına uygun
Mil Çapı : 20 mm

Minimum sıvı seviyesi: Emiş süzgecinin altından itibaren 800 mm.
Maksimum pompa dış çapı (Kablo muhafazası ile birlikte): 133 mm

Pompalanan Sıvı: Kimyasal ve mekanik aşındırıcı olmayan akışkan.
İzin veren maksimum kum miktarı = 50 g/m³
İzin verilen katı parçacık ölçüsü: Max 2mm

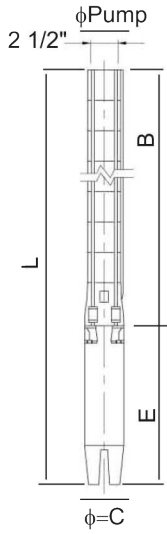
İmalat ve güvenlik standartları:
TS 11146:1993 TS EN 809:2000 98/37/EC Tarih: 01 / 2014
TS EN ISO 12100-1:2007 TS EN ISO 12100-2:2006 REV. 0

Operating range at 50 Hz: Q= 6 m³/h - 14 m³/h
Standard Outlet : 2 1/2" Inside Threaded 11 TPI (NPT : Optional)
Impeller type: Mixed flow
Rotation : CCW
Connection : According to NEMA Standard
Shaft Diameter : 20 mm

Minimum liquid level (NPSH) : 800 mm from bottom of suction grid
Maximum pump (Wet end) diameter - (Including cable guard): 133 mm

Liquid being pumped: Chemically and mechanically non aggressive.
Maximum allowable solid quantity = 50 g/m³
Solid dimension: Max 2mm

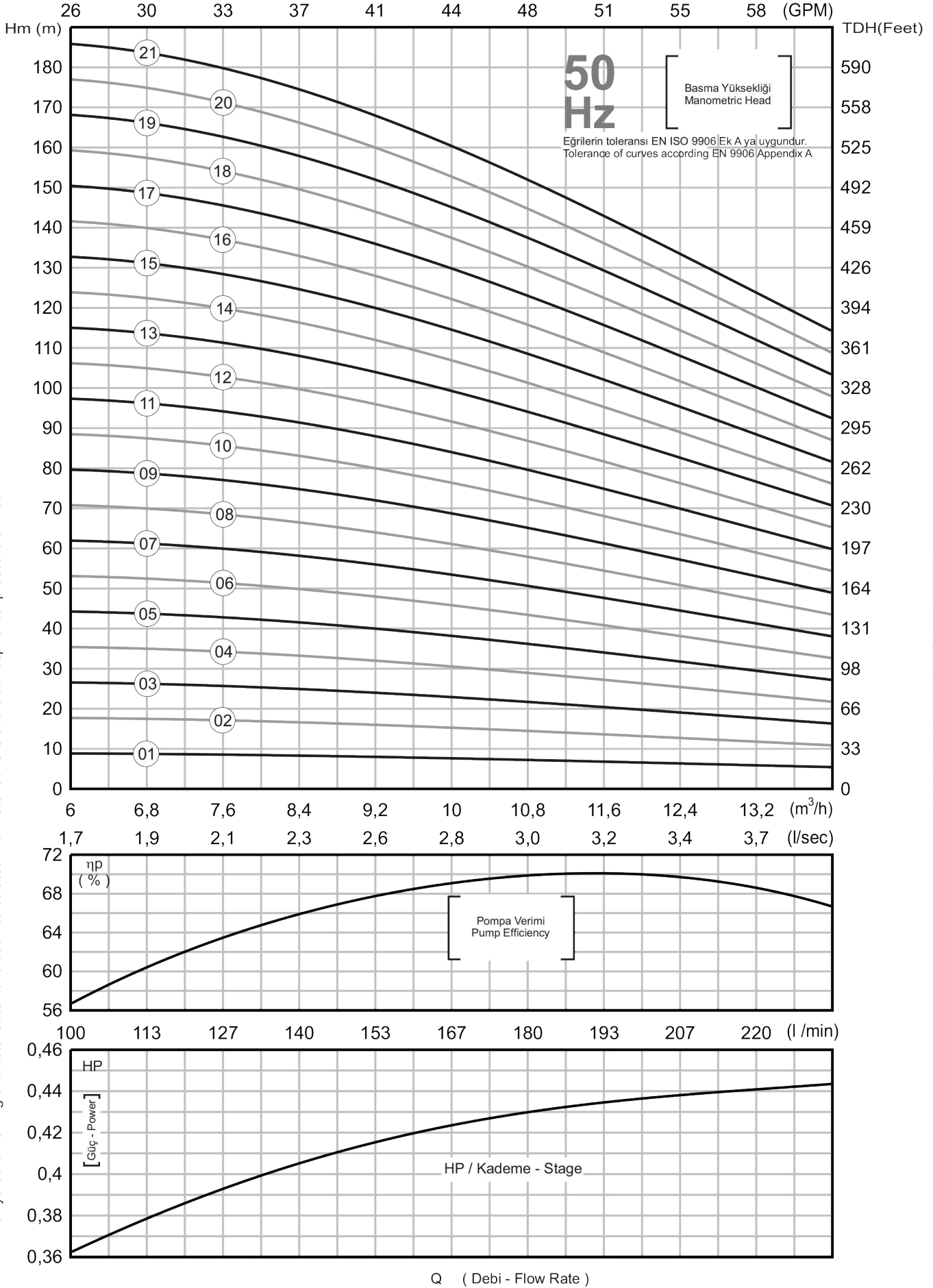
Construction and safety standards:
TS 11146:1993 TS EN 809:2000 98/37/EC Date: 01 / 2014
TS EN ISO 12100-1:2007 TS EN ISO 12100-2:2006 REV. 0



POMPA TİPİ PUMP TYPE	MOTOR MOTEUR			ÖLÇÜLER / DIMENSIONS (mm)										AĞIRLIK / WEIGHT (kg)					
				6"-4"	6"-6"	4"	6"	6"-4"	6"-6"	4"	6"	ø PUMP	ø D	MOTOR		POMPA PUMP		TOPLAM TOTAL	
	L	L	E	E	B	B	ø = C	ø = C	4"	6"	6"-4"			6"-6"	6"-4"	6"-6"			
ESS 609/01	0,75	-	0,55	715	-	385	-	330	-	93	-	133	2 1/2"	8	-	6	-	14	-
ESS 609/02	1	-	0,75	796	-	405	-	391	-	93	-	133	2 1/2"	9	-	8	-	17	-
ESS 609/03	1,5	-	1,1	876	-	425	-	451	-	93	-	133	2 1/2"	10	-	9	-	19	-
ESS 609/04	2	-	1,5	944	-	432	-	512	-	93	-	133	2 1/2"	11	-	10	-	21	-
ESS 609/05	2	-	1,5	1004	-	432	-	572	-	93	-	133	2 1/2"	11	-	11	-	22	-
ESS 609/06	3	-	2,2	1125	-	492	-	633	-	93	-	133	2 1/2"	14	-	12	-	26	-
ESS 609/07	3	-	2,2	1185	-	492	-	693	-	93	-	133	2 1/2"	14	-	14	-	28	-
ESS 609/08	4	-	3	1335	-	581	-	754	-	93	-	133	2 1/2"	19	-	15	-	34	-
ESS 609/09	4	-	3	1395	-	581	-	814	-	93	-	133	2 1/2"	19	-	16	-	35	-
ESS 609/10	5,5	5,5	4	1496	1505	621	630	875	875	93	145	133	2 1/2"	21	46	19	19	40	65
ESS 609/11	5,5	5,5	4	1556	1565	621	630	935	935	93	145	133	2 1/2"	21	46	20	20	41	66
ESS 609/12	5,5	5,5	4	1617	1626	621	630	996	996	93	145	133	2 1/2"	21	46	21	21	42	67
ESS 609/13	5,5	5,5	4	1677	1686	621	630	1056	1056	93	145	133	2 1/2"	21	46	22	22	43	68
ESS 609/14	7,5	7,5	5,5	1857	1747	740	630	1117	1117	93	145	133	2 1/2"	25	46	23	23	48	69
ESS 609/15	7,5	7,5	5,5	1917	1807	740	630	1177	1177	93	145	133	2 1/2"	25	46	25	25	50	71
ESS 609/16	7,5	7,5	5,5	1978	1868	740	630	1238	1238	93	145	133	2 1/2"	25	46	26	26	51	72
ESS 609/17	7,5	7,5	5,5	2038	1928	740	630	1298	1298	93	145	133	2 1/2"	25	46	27	27	52	73
ESS 609/18	7,5	7,5	5,5	2099	1989	740	630	1359	1359	93	145	133	2 1/2"	25	46	28	28	53	74
ESS 609/19	10	10	7,5	2279	2069	860	650	1419	1419	93	145	133	2 1/2"	31	48	29	29	60	77
ESS 609/20	10	10	7,5	2340	2130	860	650	1480	1480	93	145	133	2 1/2"	31	48	30	30	61	78
ESS 609/21	10	10	7,5	2400	2190	860	650	1540	1540	93	145	133	2 1/2"	31	48	32	32	63	80

POMPA TİPİ PUMP TYPE	MOTOR MOTEUR			m ³ /h	0	6	7	8	9	10	11	12	13	14
	4" HP	6" HP	kW	I / sec	0,00	1,67	1,94	2,22	2,50	2,78	3,06	3,33	3,61	3,89
				gpm	0	26	31	35	40	44	48	53	57	62
ESS 609/01	0,75	-	0,55	Basma Yüksekliği (Hm) Total Dynamic Head (TDH)	9	9	9	8	8	8	7	7	6	5
ESS 609/02	1	-	0,75		19	18	17	17	16	15	14	13	12	11
ESS 609/03	1,5	-	1,1		28	27	26	25	24	23	21	20	18	16
ESS 609/04	2	-	1,5		38	35	35	34	32	31	28	26	24	22
ESS 609/05	2	-	1,5		47	44	43	42	41	38	35	33	30	27
ESS 609/06	3	-	2,2		57	53	52	51	49	46	43	40	36	33
ESS 609/07	3	-	2,2		66	62	61	59	57	53	50	46	42	38
ESS 609/08	4	-	3		75	71	69	68	65	61	57	53	48	43
ESS 609/09	4	-	3		85	80	78	76	73	69	64	59	54	49
ESS 609/10	5,5	5,5	4		94	89	87	85	81	76	71	66	60	54
ESS 609/11	5,5	5,5	4		104	97	95	93	89	84	78	73	66	60
ESS 609/12	5,5	5,5	4		113	106	104	102	97	92	85	79	72	65
ESS 609/13	5,5	5,5	4,0		122	115	113	110	105	99	92	86	78	71
ESS 609/14	7,5	7,5	5,5		132	124	121	118	114	107	99	92	84	76
ESS 609/15	7,5	7,5	5,5		141	133	130	127	122	115	106	99	90	81
ESS 609/16	7,5	7,5	5,5		151	142	139	135	130	122	113	106	96	87
ESS 609/17	7,5	7,5	5,5		160	151	147	144	138	130	120	112	102	92
ESS 609/18	7,5	7,5	5,5		170	160	156	152	146	137	128	119	108	98
ESS 609/19	10	10	7,5		179	168	165	161	154	145	135	125	115	103
ESS 609/20	10	10	7,5		188	177	173	169	162	153	142	132	121	109
ESS 609/21	10	10	7,5		198	186	182	178	170	160	149	139	127	114

Hidrolik çalışma karakteristikleri 15°C'deki suyla ve 1 bar atmosferik basınç altında alınmıştır
The hydraulic working characteristics have been calculated with water at 15°C at the atmospheric pressure of 1 bar



50 Hz seçim aralığı: Q= 6 m³/sa - 14 m³/sa
Standart Klepe Çıkışı : 2 1/2" İçten Pasolu 11 Diş (NPT : Özel istek)
Fan tipi: Semiaksiyel
Dönüş : Saat Yönü Ters
Bağlantı : NEMA Standardına uygun
Mil Çapı : 20 mm

Minimum sıvı seviyesi: Emiş süzgecinin altından itibaren 800 mm.
Maksimum pompa dış çapı (Kablo muhafazası ile birlikte): 133 mm

Pompalanan Sıvı: Kimyasal ve mekanik aşındırıcı olmayan akışkan.
İzin verilen maksimum kum miktarı = 50 g/m³
İzin verilen katı parçacık ölçüsü: Max 2mm

İmalat ve güvenlik standartları:
TS 11146:1993 TS EN 809:2000 98/37/EC
TS EN ISO 12100-1:2007 TS EN ISO 12100-2:2006

Tarih
01 / 2014
REV. 0

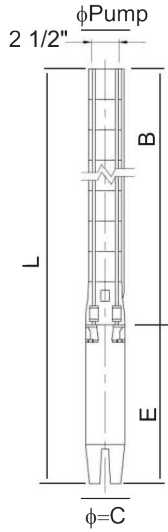
Operating range at 50 Hz: Q= 6 m³/h - 14 m³/h
Standard Outlet : 2 1/2" Inside Threaded 11 TPI (NPT : Optional)
Impeller type: Mixed flow
Rotation : CCW
Connection : According to NEMA Standard
Shaft Diameter : 20 mm

Minimum liquid level (NPSH) : 800 mm from bottom of suction grid
Maximum pump (Wet end) diameter - (Including cable guard): 133 mm

Liquid being pumped: Chemically and mechanically non aggressive.
Maximum allowable solid quantity = 50 g/m³
Solid dimension: Max 2mm

Construction and safety standards:
TS 11146:1993 TS EN 809:2000 98/37/EC
TS EN ISO 12100-1:2007 TS EN ISO 12100-2:2006

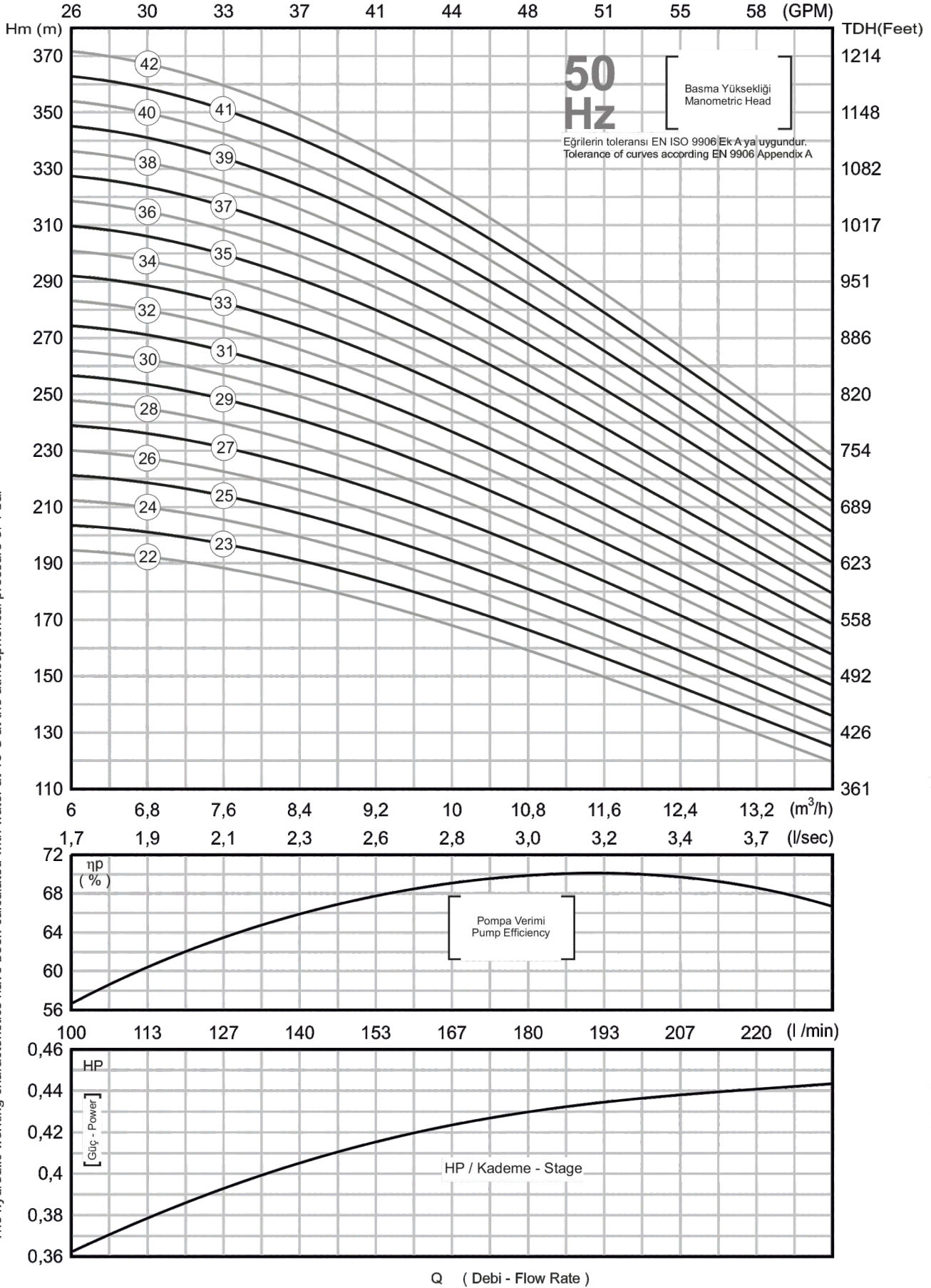
Date
01 / 2014
REV. 0



POMPA TİPİ PUMP TYPE	MOTOR MOTEUR			ÖLÇÜLER / DIMENSIONS (mm)										AĞIRLIK / WEIGHT (kg)					
				6"-4"	6"-6"	4"	6"	6"-4"	6"-6"	4"	6"	ø PUMP	ø D	MOTOR		POMPA PUMP		TOPLAM TOTAL	
	L	L	E	E	B	B	ø = C	ø = C	4"	6"	6"-4"			6"-6"	6"-4"	6"-6"			
	4" HP	6" HP	kW																
ESS 609/22	10	10	7,5	2477	2267	860	650	1617	1617	93	145	133	2 1/2"	31	48	34	34	65	82
ESS 609/23	10	10	7,5	2537	2327	860	650	1677	1677	93	145	133	2 1/2"	31	48	35	35	66	83
ESS 609/24	10	10	7,5	2598	2388	860	650	1738	1738	93	145	133	2 1/2"	31	48	36	36	67	84
ESS 609/25	-	12,5	9,2	-	2488	-	690	-	1798	-	145	133	2 1/2"	-	50	-	37	-	87
ESS 609/26	-	12,5	9,2	-	2549	-	690	-	1859	-	145	133	2 1/2"	-	50	-	39	-	89
ESS 609/27	-	12,5	9,2	-	2609	-	690	-	1919	-	145	133	2 1/2"	-	50	-	40	-	90
ESS 609/28	-	12,5	9,2	-	2670	-	690	-	1980	-	145	133	2 1/2"	-	50	-	41	-	91
ESS 609/29	-	15	11	-	2770	-	730	-	2040	-	145	133	2 1/2"	-	56	-	42	-	98
ESS 609/30	-	15	11	-	2831	-	730	-	2101	-	145	133	2 1/2"	-	56	-	43	-	99
ESS 609/31	-	15	11	-	2891	-	730	-	2161	-	145	133	2 1/2"	-	56	-	45	-	101
ESS 609/32	-	15	11	-	2952	-	730	-	2222	-	145	133	2 1/2"	-	56	-	46	-	102
ESS 609/33	-	15	11	-	3012	-	730	-	2282	-	145	133	2 1/2"	-	56	-	47	-	103
ESS 609/34	-	15	11	-	3073	-	730	-	2343	-	145	133	2 1/2"	-	56	-	48	-	104
ESS 609/35	-	15	11	-	3133	-	730	-	2403	-	145	133	2 1/2"	-	56	-	49	-	105
ESS 609/36	-	17,5	13	-	3244	-	780	-	2464	-	145	133	2 1/2"	-	60	-	51	-	111
ESS 609/37	-	17,5	13	-	3304	-	780	-	2524	-	145	133	2 1/2"	-	60	-	52	-	112
ESS 609/38	-	17,5	13	-	3365	-	780	-	2585	-	145	133	2 1/2"	-	60	-	53	-	113
ESS 609/39	-	20	15	-	3475	-	830	-	2645	-	145	133	2 1/2"	-	66	-	54	-	120
ESS 609/40	-	20	15	-	3536	-	830	-	2706	-	145	133	2 1/2"	-	66	-	55	-	121
ESS 609/41	-	20	15	-	3596	-	830	-	2766	-	145	133	2 1/2"	-	66	-	57	-	123
ESS 609/42	-	20	15	-	3657	-	830	-	2827	-	145	133	2 1/2"	-	66	-	58	-	124

POMPA TİPİ PUMP TYPE	MOTOR MOTEUR			m ³ /h	0	6	7	8	9	10	11	12	13	14
	4" HP	6" HP	kW	l / sec	0,00	1,67	1,94	2,22	2,50	2,78	3,06	3,33	3,61	3,89
				gpm	0	26	31	35	40	44	48	53	57	62
ESS 609/22	10	10	7,5	Basma Yüksekliği (Hm) Total Dynamic Head (TDH)	207	195	191	186	178	168	156	145	133	119
ESS 609/23	10	10	7,5		217	204	199	195	186	176	163	152	139	125
ESS 609/24	10	10	7,5		226	213	208	203	195	183	170	158	145	130
ESS 609/25	-	12,5	9,2		235	222	217	212	203	191	177	165	151	136
ESS 609/26	-	12,5	9,2		245	230	225	220	211	199	184	172	157	141
ESS 609/27	-	12,5	9,2		254	239	234	228	219	206	191	178	163	147
ESS 609/28	-	12,5	9,2		264	248	243	237	227	214	198	185	169	152
ESS 609/29	-	15	11		273	257	251	245	235	221	206	191	175	157
ESS 609/30	-	15	11		283	266	260	254	243	229	213	198	181	163
ESS 609/31	-	15	11		292	275	269	262	251	237	220	205	187	168
ESS 609/32	-	15	11		301	284	277	271	259	244	227	211	193	174
ESS 609/33	-	15	11		311	292	286	279	268	252	234	218	199	179
ESS 609/34	-	15	11		320	301	295	288	276	260	241	224	205	185
ESS 609/35	-	15	11		330	310	303	296	284	267	248	231	211	190
ESS 609/36	-	17,5	13		339	319	312	305	292	275	255	237	217	195
ESS 609/37	-	17,5	13		349	328	321	313	300	283	262	244	223	201
ESS 609/38	-	17,5	13		358	337	329	322	308	290	269	251	229	206
ESS 609/39	-	20	15		367	346	338	330	316	298	276	257	235	212
ESS 609/40	-	20	15		377	354	347	338	324	306	284	264	241	217
ESS 609/41	-	20	15		386	363	355	347	332	313	291	270	247	223
ESS 609/42	-	20	15		396	372	364	355	341	321	298	277	253	228

Hidrolik çalışma karakteristikleri 15°C'deki suyla ve 1 bar atmosferik basınç altında alınmıştır
The hydraulic working characteristics have been calculated with water at 15°C at the atmospheric pressure of 1 bar

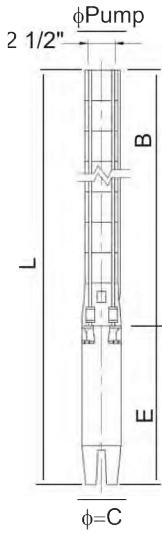


Performans eğrileri kinematik viskozite $\nu = 1 \text{ mm}^2/\text{s}$ ve yoğunluk $\rho = 1000 \text{ kg/m}^3$ temel alınarak oluşturulmuştur
Performance curves are based on the kinematic viscosity $\nu = 1 \text{ mm}^2/\text{s}$ and density $\rho = 1000 \text{ kg/m}^3$



50 Hz seçim aralığı: Q= 7 m ³ / sa - 18 m ³ / sa		
Standart Klepe Çıkışı : 2 1/2" İçten Pasolu 11 Diş (NPT : Özel istek)		
Fan tipi: Semiaksiyel		
Dönüş : Saat Yönü Tersi		
Bağlantı : NEMA Standardına uygun		
Mil Çapı : 19 mm Altıköşe		
Minimum sıvı seviyesi: Emiş süzgecinin altından itibaren 800 mm.		
Maksimum pompa dış çapı (Kablo muhafazası ile birlikte): 133 mm		
Pompanan Sıvı: Kimyasal ve mekanik aşındırıcı olmayan akışkan.		
İzin veren maksimum kum miktarı = 50 g/m ³		
İzin verilen katı parçacık ölçüsü: Max 2mm		
İmalat ve güvenlik standartları:		Tarih
TS 11146:1993		01 / 2013
TS EN 809:2000 98/37/EC		REV. 0
TS EN ISO 12100-1:2007		TS EN ISO 12100-2:2006

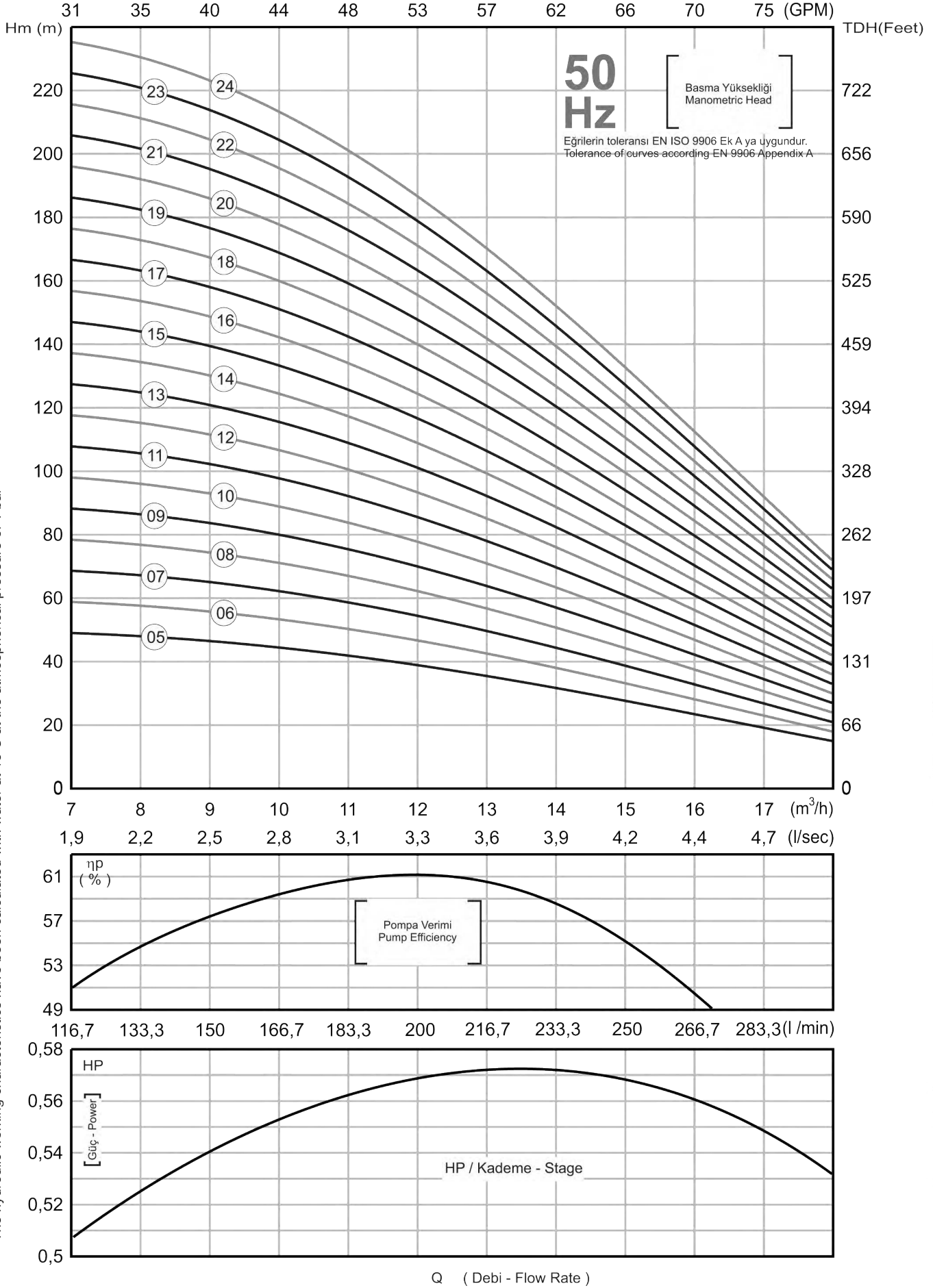
Operating range at 50 Hz: Q= 7 m ³ / h - 18 m ³ / h		
Standard Outlet : 2 1/2" Inside Threaded 11 TPI (NPT : Optional)		
Impeller type: Mixed flow		
Rotation : CCW		
Connection : According to NEMA Standard		
Shaft Diameter : 19 mm Hexagon		
Minimum liquid level (NPSH) : 800 mm from bottom of suction grid		
Maximum pump (Wet end) diameter - (Including cable guard): 133 mm		
Liquid being pumped: Chemically and mechanically non aggressive.		
Maximum allowable solid quantity = 50 g/m ³		
Solid dimension: Max 2mm		
Construction and safety standards:		Date
TS 11146:1993		01 / 2013
TS EN 809:2000 98/37/EC		REV. 0
TS EN ISO 12100-1:2007		TS EN ISO 12100-2:2006



POMPA TİPİ PUMP TYPE	MOTOR MOTEUR			ÖLÇÜLER / DIMENSIONS (mm)										AĞIRLIK / WEIGHT (kg)					
				6"-4"		6"-6"		4"		6"		6"-4"		6"-6"		4"		6"	
	4" HP	6" HP	kW	L	L	E	E	B	B	ø = C	ø = C	ø PUMP	ø D	MOTOR		POMPA PUMP		TOPLAM TOTAL	
	4"	6"		6"-4"	6"-6"	4"	6"	6"-4"	6"-6"	4"	6"	6"-4"	6"-6"	4"	6"	6"-4"	6"-6"	6"-4"	6"-6"
ESS 612/05	4	-	3	1079	-	581	-	498	-	93	-	133	2 1/2"	19	-	12	-	31	-
ESS 612/06	4	-	3	1109	-	581	-	528	-	93	-	133	2 1/2"	19	-	12	-	31	-
ESS 612/07	5,5	5,5	4	1179	1188	621	630	558	558	93	145	133	2 1/2"	21	46	13	13	34	59
ESS 612/08	5,5	5,5	4	1210	1219	621	630	589	589	93	145	133	2 1/2"	21	46	14	14	35	60
ESS 612/09	5,5	5,5	4	1240	1249	621	630	619	619	93	145	133	2 1/2"	21	46	14	15	35	61
ESS 612/10	7,5	7,5	5,5	1389	1279	740	630	649	649	93	145	133	2 1/2"	25	46	15	16	40	62
ESS 612/11	7,5	7,5	5,5	1419	1309	740	630	679	679	93	145	133	2 1/2"	25	46	16	17	41	63
ESS 612/12	7,5	7,5	5,5	1449	1339	740	630	709	709	93	145	133	2 1/2"	25	46	17	17	42	63
ESS 612/13	10	10	7,5	1600	1390	860	650	740	740	93	145	133	2 1/2"	31	48	17	18	48	66
ESS 612/14	10	10	7,5	1630	1420	860	650	770	770	93	145	133	2 1/2"	31	48	18	19	49	67
ESS 612/15	10	10	7,5	1660	1450	860	650	800	800	93	145	133	2 1/2"	31	48	19	20	50	68
ESS 612/16	10	10	7,5	1690	1480	860	650	830	830	93	145	133	2 1/2"	31	48	20	21	51	69
ESS 612/17	-	12,5	9,2	-	1550	-	690	-	860	-	145	133	2 1/2"	-	50	-	22	-	72
ESS 612/18	-	12,5	9,2	-	1581	-	690	-	891	-	145	133	2 1/2"	-	50	-	23	-	73
ESS 612/19	-	12,5	9,2	-	1611	-	690	-	921	-	145	133	2 1/2"	-	50	-	23	-	73
ESS 612/20	-	12,5	9,2	-	1641	-	690	-	951	-	145	133	2 1/2"	-	50	-	24	-	74
ESS 612/21	-	15	11	-	1711	-	730	-	981	-	145	133	2 1/2"	-	56	-	25	-	81
ESS 612/22	-	15	11	-	1741	-	730	-	1011	-	145	133	2 1/2"	-	56	-	26	-	82
ESS 612/23	-	15	11	-	1772	-	730	-	1042	-	145	133	2 1/2"	-	56	-	27	-	83
ESS 612/24	-	15	11	-	1802	-	730	-	1072	-	145	133	2 1/2"	-	56	-	28	-	84

POMPA TİPİ PUMP TYPE	MOTOR MOTEUR			m ³ /h															
				0		7		8		9		10		11		12		13	
	4" HP	6" HP	kW	I / sec		gpm		gpm		gpm		gpm		gpm		gpm		gpm	
ESS 612/05	4	-	3	55	49	48	47	45	42	39	36	32	28	24	19	15			
ESS 612/06	4	-	3	65	59	58	56	53	50	46	43	38	33	28	23	18			
ESS 612/07	5,5	5,5	4	76	69	67	65	62	59	54	50	45	39	33	27	21			
ESS 612/08	5,5	5,5	4	87	78	77	74	71	67	62	57	51	44	38	30	24			
ESS 612/09	5,5	5,5	4	98	88	86	84	80	76	69	64	58	50	42	34	27			
ESS 612/10	7,5	7,5	5,5	109	98	96	93	89	84	77	71	64	55	47	38	30			
ESS 612/11	7,5	7,5	5,5	120	108	106	102	98	92	85	78	70	61	52	42	33			
ESS 612/12	7,5	7,5	5,5	131	118	115	112	107	101	92	85	77	66	56	46	36			
ESS 612/13	10	10	7,5	142	127	125	121	116	109	100	92	83	72	61	49	39			
ESS 612/14	10	10	7,5	153	137	134	130	125	118	108	99	90	77	66	53	42			
ESS 612/15	10	10	7,5	164	147	144	140	134	126	116	107	96	83	71	57	45			
ESS 612/16	10	10	7,5	174	157	154	149	142	134	123	114	102	88	75	61	48			
ESS 612/17	-	12,5	9,2	185	167	163	158	151	143	131	121	109	94	80	65	51			
ESS 612/18	-	12,5	9,2	196	176	173	167	160	151	139	128	115	99	85	68	54			
ESS 612/19	-	12,5	9,2	207	186	182	177	169	160	146	135	122	105	89	72	57			
ESS 612/20	-	12,5	9,2	218	196	192	186	178	168	154	142	128	110	94	76	60			
ESS 612/21	-	15	11	229	206	202	195	187	176	162	149	134	116	99	80	63			
ESS 612/22	-	15	11	240	216	211	205	196	185	169	156	141	121	103	84	66			
ESS 612/23	-	15	11	251	225	221	214	205	193	177	163	147	127	108	87	69			
ESS 612/24	-	15	11	262	235	230	223	214	202	185	170	154	132	113	91	72			

Hidrolik çalışma karakteristikleri 15°C deki suyla ve 1 bar atmosferik basınç altında alınmıştır
The hydraulic working characteristics have been calculated with water at 15°C at the atmospheric pressure of 1 bar



Performans eğrileri kinematik viskozite $\nu = 1 \text{ mm}^2/\text{s}$ ve yoğunluk $\rho = 1000 \text{ kg / m}^3$ temel alınarak oluşturulmuştur
Performance curves are based on the kinematic viscosity $\nu = 1 \text{ mm}^2/\text{s}$ and density $\rho = 1000 \text{ kg / m}^3$



50 Hz seçim aralığı: Q= 7 m³/sa - 18 m³/sa
Standart Klepe Çıkışı : 2 1/2" İçten Pasolu 11 Diş (NPT : Özel istek)
Fan tipi: Semiaksiyel
Dönüş : Saat Yönü Ters
Bağlantı : NEMA Standardına uygun
Mil Çapı : 19 mm Altıköşe

Minimum sıvı seviyesi: Emiş süzgecinin altından itibaren 800 mm.
Maksimum pompa dış çapı (Kablo muhafazası ile birlikte): 133 mm

Pompalanan Sıvı: Kimyasal ve mekanik aşındırıcı olmayan akışkan.
İzin veren maksimum kum miktarı = 50 g/m³
İzin verilen katı parçacık ölçüsü: Max 2mm

İmalat ve güvenlik standartları:
TS 11146:1993 TS EN 809:2000 98/37/EC
TS EN ISO 12100-1:2007 TS EN ISO 12100-2:2006

Tarih
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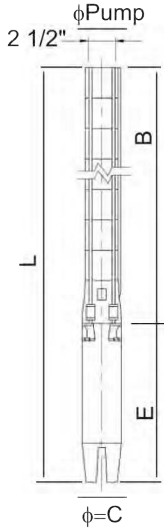
Operating range at 50 Hz: Q= 7m³/h - 18 m³/h
Standard Outlet : 2 1/2" Inside Threaded 11 TPI (NPT : Optional)
Impeller type: Mixed flow
Rotation : CCW
Connection : According to NEMA Standard
Shaft Diameter : 19 mm Hexagon

Minimum liquid level (NPSH) : 800 mm from bottom of suction grid
Maximum pump (Wet end) diameter - (Including cable guard): 133 mm

Liquid being pumped: Chemically and mechanically non aggressive.
Maximum allowable solid quantity = 50 g/m³
Solid dimension: Max 2mm

Construction and safety standards:
TS 11146:1993 TS EN 809:2000 98/37/EC
TS EN ISO 12100-1:2007 TS EN ISO 12100-2:2006

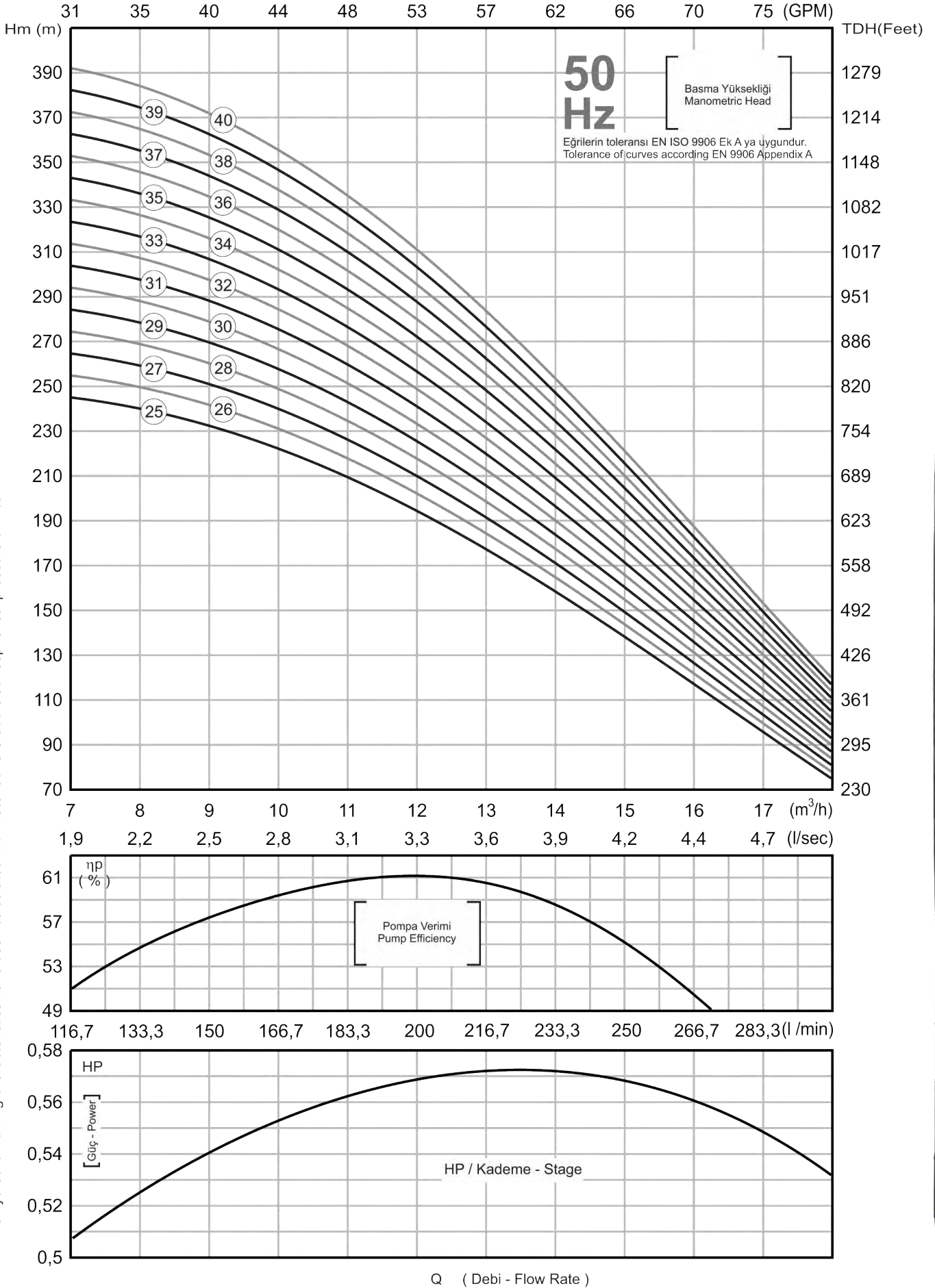
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POMPA TİPİ PUMP TYPE	MOTOR MOTEUR			ÖLÇÜLER / DIMENSIONS (mm)										AĞIRLIK / WEIGHT (kg)					
	4" HP	6" HP	kW	L	L	E	E	B	B	ø = C	ø = C	ø PUMP	ø D	MOTOR		POMPA PUMP		TOPLAM TOTAL	
														4"	6"	6"-4"	6"-6"	6"-4"	6"-6"
ESS 612/25	-	17,5	13	-	1882	-	780	-	1102	-	145	133	2 1/2"	-	60	-	29	-	89
ESS 612/26	-	17,5	13	-	1912	-	780	-	1132	-	145	133	2 1/2"	-	60	-	29	-	89
ESS 612/27	-	17,5	13	-	1942	-	780	-	1162	-	145	133	2 1/2"	-	60	-	30	-	90
ESS 612/28	-	17,5	13	-	1973	-	780	-	1193	-	145	133	2 1/2"	-	60	-	31	-	91
ESS 612/29	-	20	15	-	2053	-	830	-	1223	-	145	133	2 1/2"	-	66	-	32	-	98
ESS 612/30	-	20	15	-	2083	-	830	-	1253	-	145	133	2 1/2"	-	66	-	33	-	99
ESS 612/31	-	20	15	-	2113	-	830	-	1283	-	145	133	2 1/2"	-	66	-	34	-	100
ESS 612/32	-	20	15	-	2143	-	830	-	1313	-	145	133	2 1/2"	-	66	-	35	-	101
ESS 612/33	-	25	18,5	-	2224	-	880	-	1344	-	145	133	2 1/2"	-	72	-	35	-	107
ESS 612/34	-	25	18,5	-	2254	-	880	-	1374	-	145	133	2 1/2"	-	72	-	36	-	108
ESS 612/35	-	25	18,5	-	2284	-	880	-	1404	-	145	133	2 1/2"	-	72	-	37	-	109
ESS 612/36	-	25	18,5	-	2314	-	880	-	1434	-	145	133	2 1/2"	-	72	-	38	-	110
ESS 612/37	-	25	18,5	-	2344	-	880	-	1464	-	145	133	2 1/2"	-	72	-	39	-	111
ESS 612/38	-	25	18,5	-	2375	-	880	-	1495	-	145	133	2 1/2"	-	72	-	40	-	112
ESS 612/39	-	25	18,5	-	2405	-	880	-	1525	-	145	133	2 1/2"	-	72	-	41	-	113
ESS 612/40	-	25	18,5	-	2435	-	880	-	1555	-	145	133	2 1/2"	-	72	-	41	-	113

POMPA TİPİ PUMP TYPE	MOTOR MOTEUR			m³/h	0	7	8	9	10	11	12	13	14	15	16	17	18	
	4" HP	6" HP	kW		l / sn	0,00	1,94	2,22	2,50	2,78	3,06	3,33	3,61	3,89	4,17	4,44	4,72	5,00
					Gal / mn	0	31	35	40	44	48	53	57	62	66	70	75	79
ESS 612/25	-	17,5	13	Basma Yüksekliği (Hm) Total Dynamic Head (TDH)	273	245	240	233	223	210	193	178	160	138	118	95	75	
ESS 612/26	-	17,5	13		283	255	250	242	231	218	200	185	166	143	122	99	78	
ESS 612/27	-	17,5	13		294	265	259	251	240	227	208	192	173	149	127	103	81	
ESS 612/28	-	17,5	13		305	274	269	260	249	235	216	199	179	154	132	106	84	
ESS 612/29	-	20	15		316	284	278	270	258	244	223	206	186	160	136	110	87	
ESS 612/30	-	20	15		327	294	288	279	267	252	231	213	192	165	141	114	90	
ESS 612/31	-	20	15		338	304	298	288	276	260	239	220	198	171	146	118	93	
ESS 612/32	-	20	15		349	314	307	298	285	269	246	227	205	176	150	122	96	
ESS 612/33	-	25	18,5		360	323	317	307	294	277	254	234	211	182	155	125	99	
ESS 612/34	-	25	18,5		371	333	326	316	303	286	262	241	218	187	160	129	102	
ESS 612/35	-	25	18,5		382	343	336	326	312	294	270	249	224	193	165	133	105	
ESS 612/36	-	25	18,5		392	353	346	335	320	302	277	256	230	198	169	137	108	
ESS 612/37	-	25	18,5		403	363	355	344	329	311	285	263	237	204	174	141	111	
ESS 612/38	-	25	18,5		414	372	365	353	338	319	293	270	243	209	179	144	114	
ESS 612/39	-	25	18,5		425	382	374	363	347	328	300	277	250	215	183	148	117	
ESS 612/40	-	25	18,5		436	392	384	372	356	336	308	284	256	220	188	152	120	

Hidrolik çalışma karakteristikleri 15°C deki suyla ve 1 bar atmosferik basınç altında alınmıştır
The hydraulic working characteristics have been calculated with water at 15°C at the atmospheric pressure of 1 bar



50 Hz seçim aralığı: Q= 10 m³/sa - 19 m³/sa
Standart Klepe Çıkışı : 2 1/2" İçten Pasolu 11 Diş (NPT : Özel istek)
Fan tipi: Semiaksiyel
Dönüş : Saat Yönü Ters
Bağlantı : NEMA Standardına uygun
Mil Çapı : 20 mm

Minimum sıvı seviyesi: Emiş süzgecinin altından itibaren 800 mm.
Maksimum pompa dış çapı (Kablo muhafazası ile birlikte): 133 mm

Pompanılan Sıvı: Kimyasal ve mekanik aşındırıcı olmayan akışkan.
İzin verilen maksimum kum miktarı = 50 g/m³
İzin verilen katı parçacık ölçüsü: Max 2mm

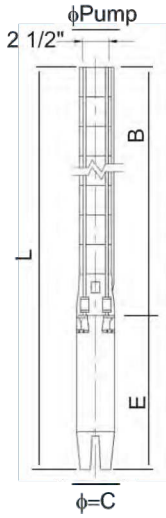
İmalat ve güvenlik standartları:
TS 11146:1993 TS EN 809:2000 98/37/EC 01 / 2013
TS EN ISO 12100-1:2007 TS EN ISO 12100-2:2006 REV. 0

Operating range at 50 Hz: Q= 10 m³/h - 19 m³/h
Standard Outlet : 2 1/2" Inside Threaded 11 TPI (NPT : Optional)
Impeller type: Mixed flow
Rotation : CCW
Connection : According to NEMA Standard
Shaft Diameter : 20 mm

Minimum liquid level (NPSH) : 800 mm from bottom of suction grid
Maximum pump (Wet end) diameter - (Including cable guard): 133 mm

Liquid being pumped: Chemically and mechanically non aggressive.
Maximum allowable solid quantity = 50 g/m³
Solid dimension: Max 2mm

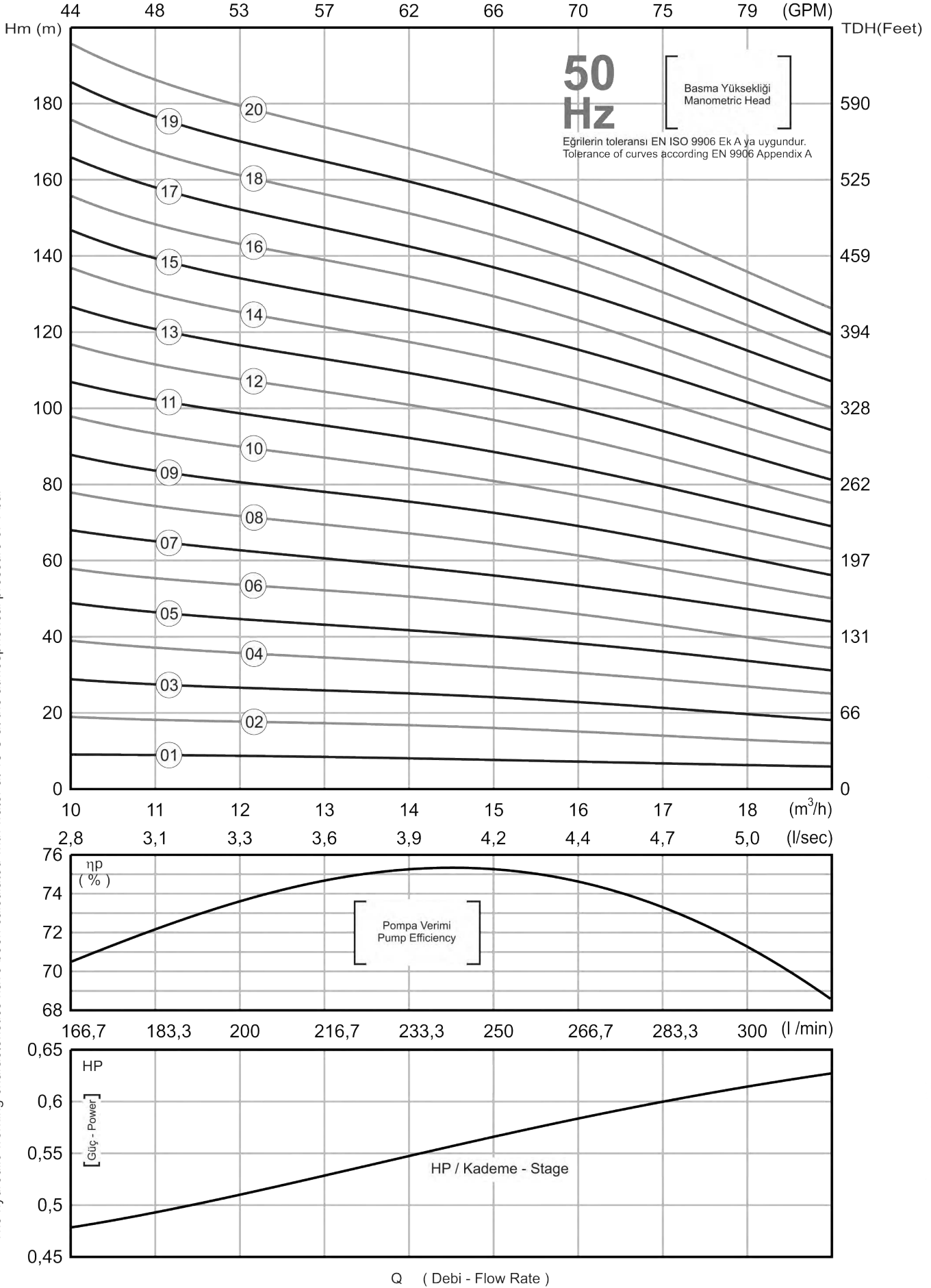
Construction and safety standards:
TS 11146:1993 TS EN 809:2000 98/37/EC 01 / 2013
TS EN ISO 12100-1:2007 TS EN ISO 12100-2:2006 REV. 0



POMPA TİPİ PUMP TYPE	MOTOR MOTEUR			ÖLÇÜLER / DIMENSIONS (mm)										AĞIRLIK / WEIGHT (kg)					
	4" HP	6" HP	kW	6"-4"		6"-6"		4"		6"		6"-4"		6"-6"		4"		6"	
				L	L	E	E	B	B	ø = C	ø = C	ø PUMP	ø D	MOTOR		POMPA PUMP		TOPLAM TOTAL	
														4"	6"	6"-4"	6"-6"	6"-4"	6"-6"
ESS 615/01	0,75	-	0,55	715	-	385	-	330	-	93	-	133	2 1/2"	8	-	6	-	14	-
ESS 615/02	1,5	-	1,1	816	-	425	-	391	-	93	-	133	2 1/2"	10	-	8	-	18	-
ESS 615/03	2	-	1,5	883	-	432	-	451	-	93	-	133	2 1/2"	11	-	9	-	20	-
ESS 615/04	3	-	2,2	1004	-	492	-	512	-	93	-	133	2 1/2"	14	-	10	-	24	-
ESS 615/05	3	-	2,2	1064	-	492	-	572	-	93	-	133	2 1/2"	14	-	11	-	25	-
ESS 615/06	4	-	3	1214	-	581	-	633	-	93	-	133	2 1/2"	19	-	12	-	31	-
ESS 615/07	5,5	5,5	4	1314	1323	621	630	693	693	93	145	133	2 1/2"	21	46	14	15	35	61
ESS 615/08	5,5	5,5	4	1375	1384	621	630	754	754	93	145	133	2 1/2"	21	46	15	16	36	62
ESS 615/09	5,5	5,5	4	1435	1444	621	630	814	814	93	145	133	2 1/2"	21	46	16	17	37	63
ESS 615/10	7,5	7,5	5,5	1615	1505	740	630	875	875	93	145	133	2 1/2"	25	46	17	19	42	65
ESS 615/11	7,5	7,5	5,5	1675	1565	740	630	935	935	93	145	133	2 1/2"	25	46	19	20	44	66
ESS 615/12	7,5	7,5	5,5	1736	1626	740	630	996	996	93	145	133	2 1/2"	25	46	20	21	45	67
ESS 615/13	10	10	7,5	1916	1706	860	650	1056	1056	93	145	133	2 1/2"	31	48	21	22	52	70
ESS 615/14	10	10	7,5	1977	1767	860	650	1117	1117	93	145	133	2 1/2"	31	48	22	23	53	71
ESS 615/15	10	10	7,5	2037	1827	860	650	1177	1177	93	145	133	2 1/2"	31	48	24	25	55	73
ESS 615/16	10	10	7,5	2098	1888	860	650	1238	1238	93	145	133	2 1/2"	31	48	25	26	56	74
ESS 615/17	-	12,5	9,2	-	1988	-	690	-	1298	-	145	133	2 1/2"	-	50	-	27	-	77
ESS 615/18	-	12,5	9,2	-	2049	-	690	-	1359	-	145	133	2 1/2"	-	50	-	28	-	78
ESS 615/19	-	12,5	9,2	-	2109	-	690	-	1419	-	145	133	2 1/2"	-	50	-	29	-	79
ESS 615/20	-	12,5	9,2	-	2170	-	690	-	1480	-	145	133	2 1/2"	-	50	-	30	-	80

POMPA TİPİ PUMP TYPE	MOTOR MOTEUR			m ³ /h	0	10	11	12	13	14	15	16	17	18	19
	4" HP	6" HP	kW	l / sec	0,00	2,78	3,06	3,33	3,61	3,89	4,17	4,44	4,72	5,00	5,28
				gpm	0	44	48	53	57	62	66	70	75	79	84
ESS 615/01	0,75	-	0,55	Basma Yüksekliği (Hm) Total Dynamic Head (TDH)	12	9	9	9	8	8	8	7	7	6	6
ESS 615/02	1,5	-	1,1		24	19	18	18	17	17	16	15	14	13	12
ESS 615/03	2	-	1,5		36	29	27	27	26	25	24	23	21	20	18
ESS 615/04	3	-	2,2		48	39	37	36	34	34	32	30	29	27	25
ESS 615/05	3	-	2,2		60	49	46	45	43	42	40	38	36	34	31
ESS 615/06	4	-	3		72	58	55	54	52	51	48	46	43	40	37
ESS 615/07	5,5	5,5	4		84	68	65	63	60	59	56	53	51	47	44
ESS 615/08	5,5	5,5	4		96	78	74	72	69	68	64	61	58	54	50
ESS 615/09	5,5	5,5	4		108	88	83	81	78	76	72	69	65	61	56
ESS 615/10	7,5	7,5	5,5		120	98	93	90	87	85	80	77	73	68	63
ESS 615/11	7,5	7,5	5,5		132	107	102	99	95	93	88	84	80	74	69
ESS 615/12	7,5	7,5	5,5		144	117	111	108	104	102	96	92	87	81	75
ESS 615/13	10	10	7,5		156	127	120	117	113	110	104	100	94	88	81
ESS 615/14	10	10	7,5		168	137	130	125	121	119	112	107	102	95	88
ESS 615/15	10	10	7,5		180	147	139	134	130	127	120	115	109	102	94
ESS 615/16	10	10	7,5		192	156	148	143	139	136	128	123	116	108	100
ESS 615/17	-	12,5	9,2		204	166	158	152	147	144	136	130	124	115	107
ESS 615/18	-	12,5	9,2		216	176	167	161	156	153	144	138	131	122	113
ESS 615/19	-	12,5	9,2		228	186	176	170	165	161	152	146	138	129	119
ESS 615/20	-	12,5	9,2		240	196	186	179	174	170	160	154	146	136	126

Hidrolik çalışma karakteristikleri 15°C deki suyla ve 1 bar atmosferik basınç altında alınmıştır
The hydraulic working characteristics have been calculated with water at 15°C at the atmospheric pressure of 1 bar



50 Hz seçim aralığı: $Q = 10 \text{ m}^3/\text{sa} - 19 \text{ m}^3/\text{sa}$
Standart Klepe Çıkışı : 2 1/2" İçten Pasolu 11 Diş (NPT : Özel istek)
Fan tipi: Semiaksiyel
Dönüş : Saat Yönü Ters
Bağlantı : NEMA Standardına uygun
Mil Çapı : 20 mm

Minimum sıvı seviyesi: Emiş süzgecinin altından itibaren 800 mm.
Maksimum pompa dış çapı (Kablo muhafazası ile birlikte): 133 mm

Pompalanan Sıvı: Kimyasal ve mekanik aşındırıcı olmayan akışkan.
İzin verilen maksimum kum miktarı = 50 g/m^3
İzin verilen katı parçacık ölçüsü: Max 2mm

İmalat ve güvenlik standartları:
TS 11146:1993 TS EN 809:2000 98/37/EC
TS EN ISO 12100-1:2007 TS EN ISO 12100-2:2006

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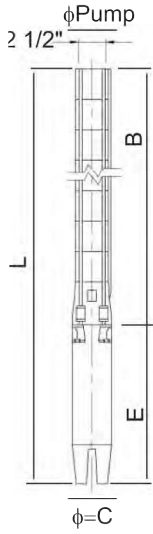
Operating range at 50 Hz: $Q = 10 \text{ m}^3/\text{h} - 19 \text{ m}^3/\text{h}$
Standard Outlet : 2 1/2" Inside Threaded 11 TPI (NPT : Optional)
Impeller type: Mixed flow
Rotation : CCW
Connection : According to NEMA Standard
Shaft Diameter : 20 mm

Minimum liquid level (NPSH) : 800 mm from bottom of suction grid
Maximum pump (Wet end) diameter - (Including cable guard): 133 mm

Liquid being pumped: Chemically and mechanically non aggressive.
Maximum allowable solid quantity = 50 g/m^3
Solid dimension: Max 2mm

Construction and safety standards:
TS 11146:1993 TS EN 809:2000 98/37/EC
TS EN ISO 12100-1:2007 TS EN ISO 12100-2:2006

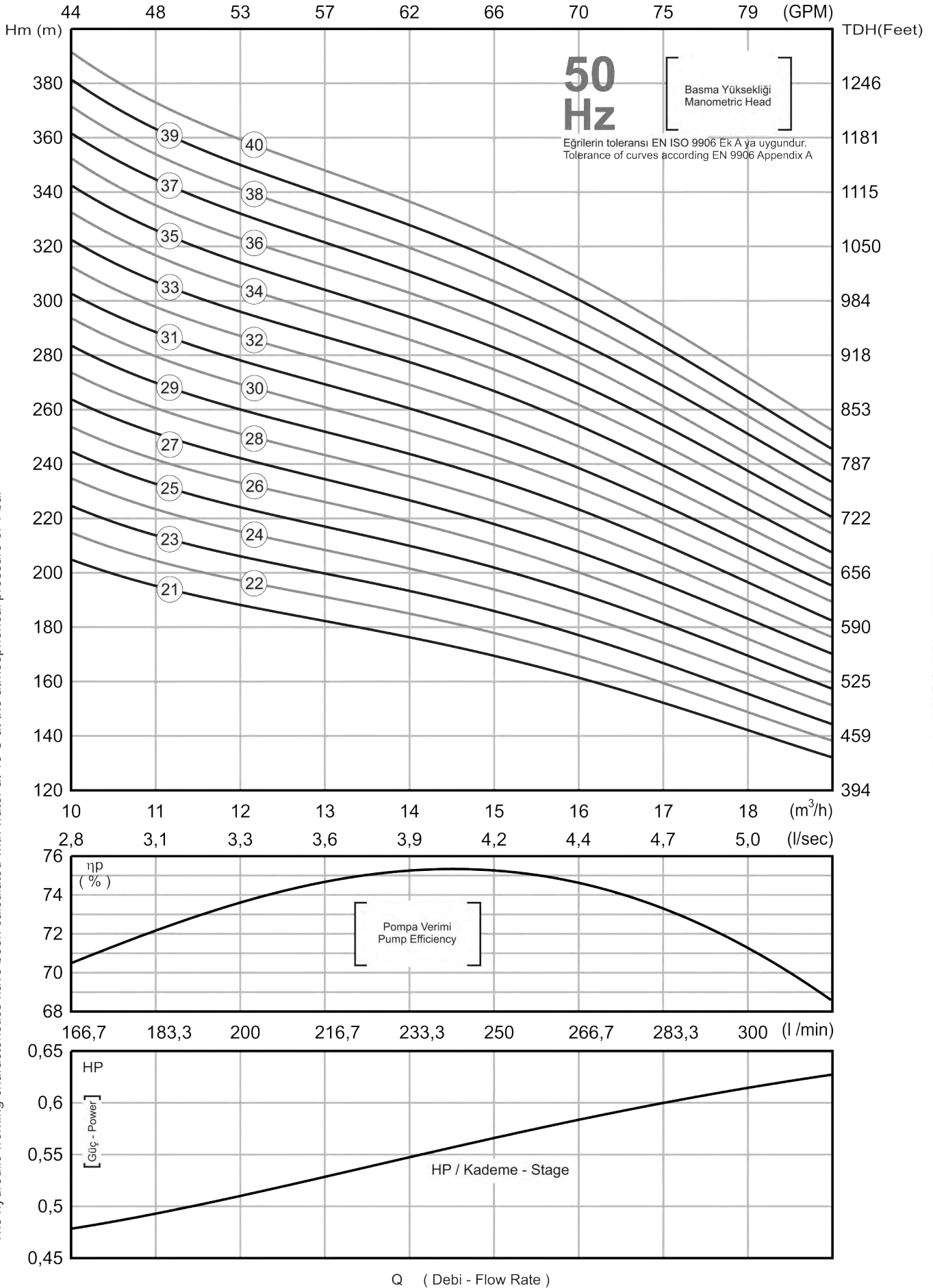
Date
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POMPA TİPİ PUMP TYPE	MOTOR MOTEUR			ÖLÇÜLER / DIMENSIONS (mm)										AĞIRLIK / WEIGHT (kg)					
				6"-4"	6"-6"	4"	6"	6"-4"	6"-6"	4"	6"	ø PUMP	ø D	MOTOR		POMPA PUMP		TOPLAM TOTAL	
	4" HP	6" HP	kW	L	L	E	E	B	B	ø = C	ø = C			4"	6"	6"-4"	6"-6"	6"-4"	6"-6"
ESS 615/21	-	15	11	-	2270	-	730	-	1540	-	145	133	2 1/2"	-	56	-	32	-	88
ESS 615/22	-	15	11	-	2347	-	730	-	1617	-	145	133	2 1/2"	-	56	-	34	-	90
ESS 615/23	-	15	11	-	2407	-	730	-	1677	-	145	133	2 1/2"	-	56	-	35	-	91
ESS 615/24	-	15	11	-	2468	-	730	-	1738	-	145	133	2 1/2"	-	56	-	36	-	92
ESS 615/25	-	15	11	-	2528	-	730	-	1798	-	145	133	2 1/2"	-	56	-	37	-	93
ESS 615/26	-	17,5	13	-	2639	-	780	-	1859	-	145	133	2 1/2"	-	60	-	39	-	99
ESS 615/27	-	17,5	13	-	2699	-	780	-	1919	-	145	133	2 1/2"	-	60	-	40	-	100
ESS 615/28	-	17,5	13	-	2760	-	780	-	1980	-	145	133	2 1/2"	-	60	-	41	-	101
ESS 615/29	-	17,5	13	-	2820	-	780	-	2040	-	145	133	2 1/2"	-	60	-	42	-	102
ESS 615/30	-	20	15	-	2931	-	830	-	2101	-	145	133	2 1/2"	-	66	-	43	-	109
ESS 615/31	-	20	15	-	2991	-	830	-	2161	-	145	133	2 1/2"	-	66	-	45	-	111
ESS 615/32	-	20	15	-	3052	-	830	-	2222	-	145	133	2 1/2"	-	66	-	46	-	112
ESS 615/33	-	20	15	-	3112	-	830	-	2282	-	145	133	2 1/2"	-	66	-	47	-	113
ESS 615/34	-	25	18,5	-	3223	-	880	-	2343	-	145	133	2 1/2"	-	72	-	48	-	120
ESS 615/35	-	25	18,5	-	3283	-	880	-	2403	-	145	133	2 1/2"	-	72	-	49	-	121
ESS 615/36	-	25	18,5	-	3344	-	880	-	2464	-	145	133	2 1/2"	-	72	-	51	-	123
ESS 615/37	-	25	18,5	-	3404	-	880	-	2524	-	145	133	2 1/2"	-	72	-	52	-	124
ESS 615/38	-	25	18,5	-	3465	-	880	-	2585	-	145	133	2 1/2"	-	72	-	53	-	125
ESS 615/39	-	25	18,5	-	3525	-	880	-	2645	-	145	133	2 1/2"	-	72	-	54	-	126
ESS 615/40	-	25	18,5	-	3586	-	880	-	2706	-	145	133	2 1/2"	-	72	-	55	-	127

POMPA TİPİ PUMP TYPE	MOTOR MOTEUR			m³/h	0	10	11	12	13	14	15	16	17	18	19
	4" HP	6" HP	kW	l / sec	0,00	2,78	3,06	3,33	3,61	3,89	4,17	4,44	4,72	5,00	5,28
				gpm	0	44	48	53	57	62	66	70	75	79	84
ESS 615/21	-	15	11,03	Basma Yüksekliği (Hm) Total Dynamic Head (TDH)	252	205	195	188	182	178	168	161	153	142	132
ESS 615/22	-	15	11,0		264	215	204	197	191	187	176	169	160	149	138
ESS 615/23	-	15	11,0		276	225	213	206	200	195	184	177	167	156	144
ESS 615/24	-	15	11,0		288	235	223	215	208	204	192	184	175	163	151
ESS 615/25	-	15	11,0		300	245	232	224	217	212	200	192	182	170	157
ESS 615/26	-	17,5	13		312	254	241	233	226	221	208	200	189	176	163
ESS 615/27	-	17,5	13		324	264	251	242	234	229	216	207	197	183	170
ESS 615/28	-	17,5	13		336	274	260	251	243	238	224	215	204	190	176
ESS 615/29	-	17,5	13		348	284	269	260	252	246	232	223	211	197	182
ESS 615/30	-	20	15,0		360	294	279	269	261	255	240	231	219	204	189
ESS 615/31	-	20	15,0		372	303	288	278	269	263	248	238	226	210	195
ESS 615/32	-	20	15,0		384	313	297	287	278	272	256	246	233	217	201
ESS 615/33	-	20	15,0		396	323	306	296	287	280	264	254	240	224	207
ESS 615/34	-	25	18,5		408	333	316	305	295	289	272	261	248	231	214
ESS 615/35	-	25	18,5		420	343	325	314	304	297	280	269	255	238	220
ESS 615/36	-	25	18,5		432	353	334	323	313	306	288	277	262	244	226
ESS 615/37	-	25	18,5		444	362	344	332	321	314	296	284	270	251	233
ESS 615/38	-	25	18,5		456	372	353	341	330	323	304	292	277	258	239
ESS 615/39	-	25	18,5		468	382	362	350	339	331	312	300	284	265	245
ESS 615/40	-	25	18,5		480	392	372	359	348	340	320	308	292	272	252

Hidrolik çalışma karakteristikleri 15°C deki suyla ve 1 bar atmosferik basınç altında alınmıştır
The hydraulic working characteristics have been calculated with water at 15°C at the atmospheric pressure of 1 bar



50 Hz seçim aralığı: Q= 15 m³/sa - 36 m³/sa
Standart Klepe Çıkışı : 3" İçten Pasolu 11 Diş (NPT : Özel istek)
Fan tipi: Semiaksiyel
Dönüş : Saat Yönü Ters
Bağlantı : NEMA Standardına uygun
Mil Çapı : 22 mm

Minimum sıvı seviyesi: Emiş süzgecinin altından itibaren 800 mm.
Maksimum pompa dış çapı (Kablo muhafazası ile birlikte): 133 mm

Pompananan Sıvı: Kimyasal ve mekanik aşındırıcı olmayan akışkan.
İzin veren maksimum kum miktarı = 50 g/m³
İzin verilen katı parçacık ölçüsü: Max 2mm

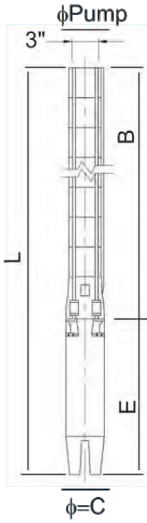
İmalat ve güvenlik standartları:
TS 11146:1993 TS EN 809:2000 98/37/EC Tarih 01 / 2013
TS EN ISO 12100-1:2007 TS EN ISO 12100-2:2006 REV. 0

Operating range at 50 Hz: Q= 15 m³/h - 36 m³/h
Standard Outlet : 3" Inside Threaded 11 TPI (NPT : Optional)
Impeller type: Mixed flow
Rotation : CCW
Connection : According to NEMA Standard
Shaft Diameter : 22 mm

Minimum liquid level (NPSH) : 800 mm from bottom of suction grid
Maximum pump (Wet end) diameter - (Including cable guard): 133 mm

Liquid being pumped: Chemically and mechanically non aggressive.
Maximum allowable solid quantity = 50 g/m³
Solid dimension: Max 2mm

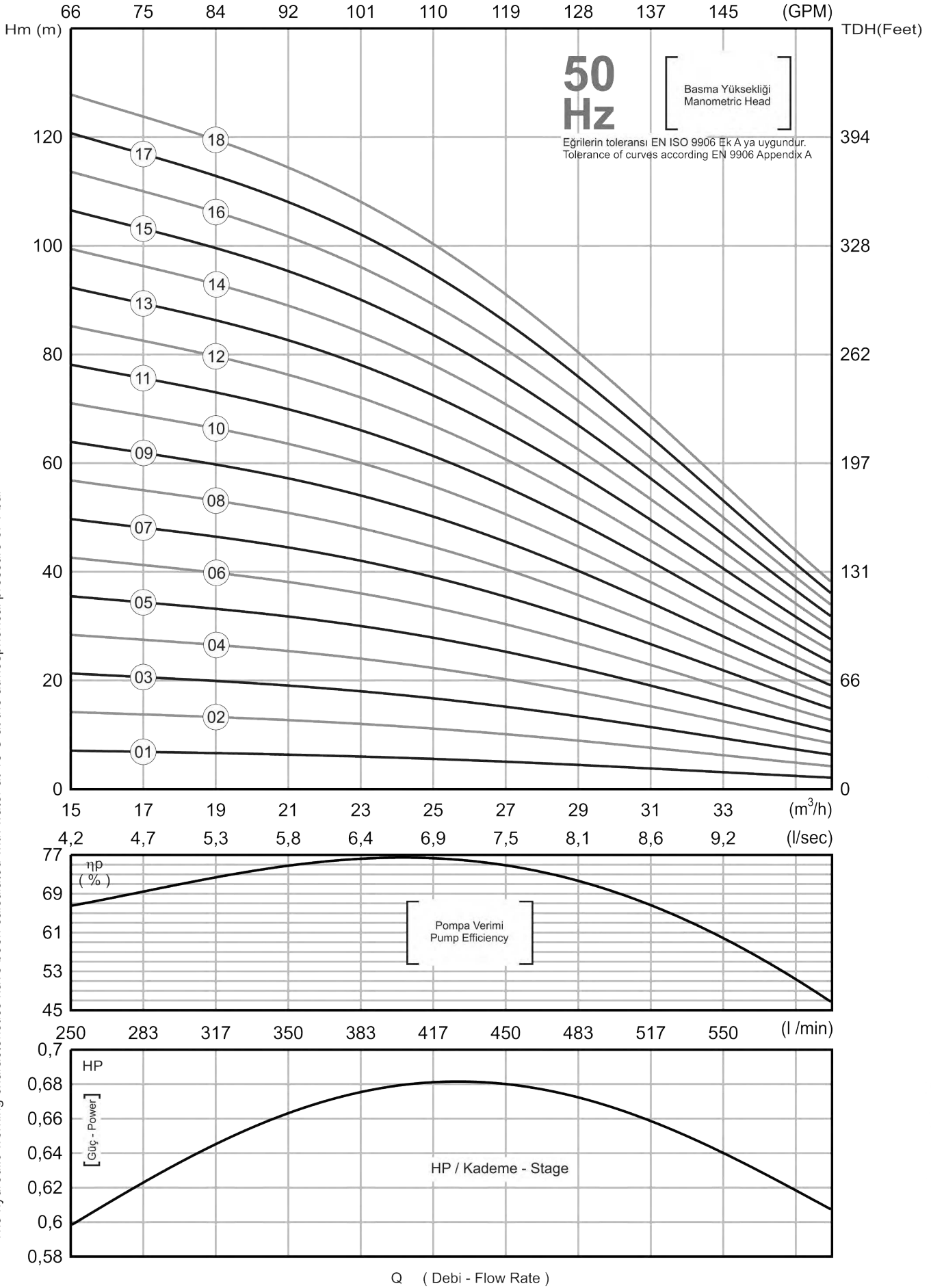
Construction and safety standards:
TS 11146:1993 TS EN 809:2000 98/37/EC Date 01 / 2013
TS EN ISO 12100-1:2007 TS EN ISO 12100-2:2006 REV. 0



POMPA TİPİ PUMP TYPE	MOTOR MOTEUR			ÖLÇÜLER / DIMENSIONS (mm)										AĞIRLIK / WEIGHT (kg)					
	4" HP	6" HP	kW	6"-4"	6"-6"	4"	6"	6"-4"	6"-6"	4"	6"	ø PUM P	ø D	MOTOR		POMPA PUMP		TOPLAM TOTAL	
				L	L	E	E	B	B	ø C	ø C			4"	6"	6"-4"	6"-6"	6"-4"	6"-6"
ESS 624/01	0,75	-	0,55	749	-	385	-	364	-	93	-	133	3"	8	-	7	-	15	-
ESS 624/02	1,5	-	1,1	885	-	425	-	460	-	93	-	133	3"	10	-	8	-	18	-
ESS 624/03	2	-	1,5	988	-	432	-	556	-	93	-	133	3"	11	-	10	-	21	-
ESS 624/04	3	-	2,2	1144	-	492	-	652	-	93	-	133	3"	14	-	12	-	26	-
ESS 624/05	4	-	3	1329	-	581	-	748	-	93	-	133	3"	19	-	14	-	33	-
ESS 624/06	4	-	3	1425	-	581	-	844	-	93	-	133	3"	19	-	16	-	35	-
ESS 624/07	5,5	5,5	4	1561	1570	621	630	940	940	93	145	133	3"	21	46	17	19	38	65
ESS 624/08	5,5	5,5	4	1657	1666	621	630	1036	1036	93	145	133	3"	21	46	19	21	40	67
ESS 624/09	7,5	7,5	5,5	1872	1762	740	630	1132	1132	93	145	133	3"	25	46	21	22	46	68
ESS 624/10	7,5	7,5	5,5	1968	1858	740	630	1228	1228	93	145	133	3"	25	46	23	24	48	70
ESS 624/11	7,5	7,5	5,5	2064	1954	740	630	1324	1324	93	145	133	3"	25	46	24	25	49	71
ESS 624/12	10	10	7,5	2280	2070	860	650	1420	1420	93	145	133	3"	31	48	26	27	57	75
ESS 624/13	10	10	7,5	2376	2166	860	650	1516	1516	93	145	133	3"	31	48	28	28	59	76
ESS 624/14	10	10	7,5	2472	2262	860	650	1612	1612	93	145	133	3"	31	48	30	30	61	78
ESS 624/15	10	10	7,5	2568	2358	860	650	1708	1708	93	145	133	3"	31	48	31	31	62	79
ESS 624/16	-	12,5	9,2	-	2494	-	690	-	1804	-	145	133	3"	-	50	-	33	-	83
ESS 624/17	-	12,5	9,2	-	2590	-	690	-	1900	-	145	133	3"	-	50	-	34	-	84
ESS 624/18	-	12,5	9,2	-	2686	-	690	-	1996	-	145	133	3"	-	50	-	36	-	86

POMPA TİPİ PUMP TYPE	MOTOR MOTEUR			m ³ /h	0	15	18	21	24	27	30	33	36
	4" HP	6" HP	kW	l / sec	0,00	4,17	5,00	5,83	6,67	7,50	8,33	9,17	10,00
				gpm	0	66	79	92	106	119	132	145	159
ESS 624/01	0,75	-	0,55	Basma Yüksekliği (Hm) Total Dynamic Head (TDH)	8	7	7	6	6	5	4	3	2
ESS 624/02	1,5	-	1,1		16	14	14	13	12	10	8	6	4
ESS 624/03	2	-	1,5		23	21	20	19	17	15	12	9	6
ESS 624/04	3	-	2,2		31	28	27	25	23	20	17	12	8
ESS 624/05	4	-	3		39	36	34	32	29	25	21	16	11
ESS 624/06	4	-	3		47	43	41	38	35	30	25	19	13
ESS 624/07	5,5	5,5	4		55	50	47	45	41	35	29	22	15
ESS 624/08	5,5	5,5	4		62	57	54	51	46	40	33	25	17
ESS 624/09	7,5	7,5	5,5		70	64	61	57	52	46	37	28	19
ESS 624/10	7,5	7,5	5,5		78	71	68	64	58	51	41	31	21
ESS 624/11	7,5	7,5	5,5		86	78	74	70	64	56	46	34	23
ESS 624/12	10	10	7,5		94	85	81	76	70	61	50	37	25
ESS 624/13	10	10	7,5		101	92	88	83	75	66	54	41	27
ESS 624/14	10	10	7,5		109	99	95	89	81	71	58	44	30
ESS 624/15	10	10	7,5		117	107	101	95	87	76	62	47	32
ESS 624/16	-	12,5	9,2		125	114	108	102	93	81	66	50	34
ESS 624/17	-	12,5	9,2		133	121	115	108	99	86	70	53	36
ESS 624/18	-	12,5	9,2		140	128	122	114	104	91	75	56	38

Hidrolik çalışma karakteristikleri 15°C'deki suyla ve 1 bar atmosferik basınç altında alınmıştır
The hydraulic working characteristics have been calculated with water at 15°C at the atmospheric pressure of 1 bar



50 Hz seçim aralığı: Q= 15 m³/sa - 36 m³/sa
Standart Klepe Çıkışı : 3" İçten Pasolu 11 Diş (NPT : Özel istek)
Fan tipi: Semiaksiyel
Dönüş : Saat Yönü Ters
Bağlantı : NEMA Standardına uygun
Mil Çapı : 22 mm

Minimum sıvı seviyesi: Emiş süzgecinin altından itibaren 800 mm.
Maksimum pompa dış çapı (Kablo muhafazası ile birlikte): 133 mm

Pompananan Sıvı: Kimyasal ve mekanik aşındırıcı olmayan akışkan.
İzin veren maksimum kum miktarı = 50 g/m³
İzin verilen katı parçacık ölçüsü: Max 2mm

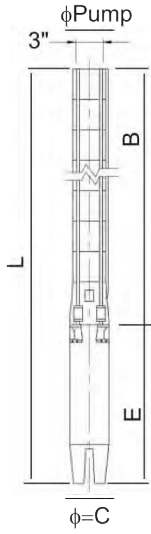
İmalat ve güvenlik standartları:
TS 11146:1993 TS EN 809:2000 98/37/EC Tarih 01 / 2013
TS EN ISO 12100-1:2007 TS EN ISO 12100-2:2006 REV. 0

Operating range at 50 Hz: Q= 15 m³/h - 36 m³/h
Standard Outlet : 3" Inside Threaded 11 TPI (NPT : Optional)
Impeller type: Mixed flow
Rotation : CCW
Connection : According to NEMA Standard
Shaft Diameter : 22 mm

Minimum liquid level (NPSH) : 800 mm from bottom of suction grid
Maximum pump (Wet end) diameter - (Including cable guard): 133 mm

Liquid being pumped: Chemically and mechanically non aggressive.
Maximum allowable solid quantity = 50 g/m³
Solid dimension: Max 2mm

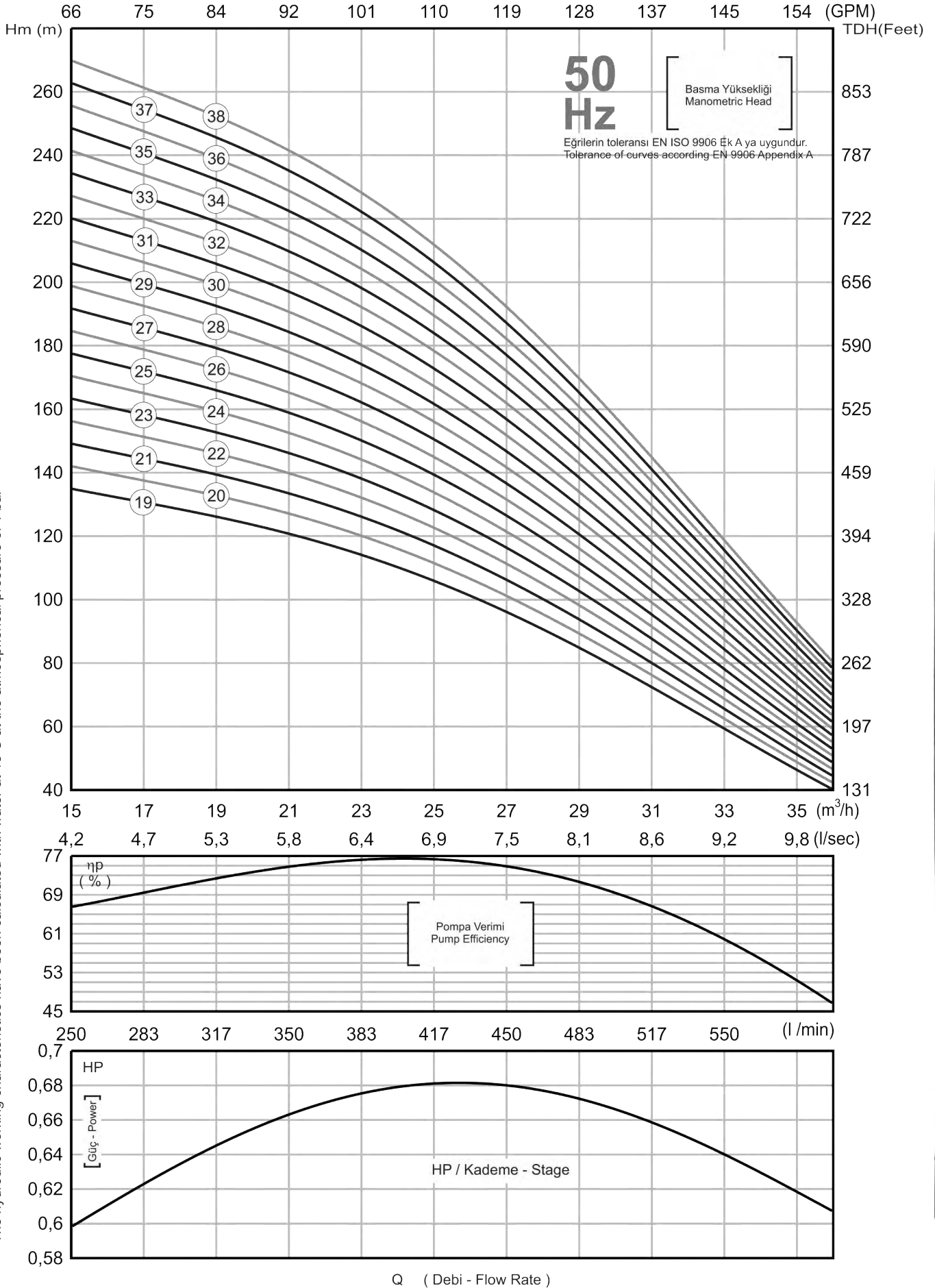
Construction and safety standards:
TS 11146:1993 TS EN 809:2000 98/37/EC Date 01 / 2013
TS EN ISO 12100-1:2007 TS EN ISO 12100-2:2006 REV. 0



POMPA TİPİ PUMP TYPE	MOTOR MOTEUR			ÖLÇÜLER / DIMENSIONS (mm)										AĞIRLIK / WEIGHT (kg)					
	6" HP	8" HP	kW	6"-6"		6"-8"		6"		8"		Ø PUMP	Ø D	MOTOR		POMPA PUMP		TOPLAM TOTAL	
				L	L	E	E	B	B	Ø C	Ø C			6"	8"	6"-6"	6"-8"	6"-6"	6"-8"
ESS 624/19	15	-	11	2822	-	730	-	2092	-	145	-	133	3"	56	-	37	-	93	-
ESS 624/20	15	-	11	2918	-	730	-	2188	-	145	-	133	3"	56	-	39	-	95	-
ESS 624/21	15	-	11	3030	-	730	-	2300	-	145	-	133	3"	56	-	41	-	97	-
ESS 624/22	15	-	11	3126	-	730	-	2396	-	145	-	133	3"	56	-	42	-	98	-
ESS 624/23	17,5	-	13	3272	-	780	-	2492	-	145	-	133	3"	60	-	44	-	104	-
ESS 624/24	17,5	-	13	3368	-	780	-	2588	-	145	-	133	3"	60	-	45	-	105	-
ESS 624/25	17,5	-	13	3464	-	780	-	2684	-	145	-	133	3"	60	-	47	-	107	-
ESS 624/26	20	-	15	3610	-	830	-	2780	-	145	-	133	3"	66	-	48	-	114	-
ESS 624/27	20	-	15	3706	-	830	-	2876	-	145	-	133	3"	66	-	50	-	116	-
ESS 624/28	20	-	15	3802	-	830	-	2972	-	145	-	133	3"	66	-	51	-	117	-
ESS 624/29	20	-	15	3898	-	830	-	3068	-	145	-	133	3"	66	-	53	-	119	-
ESS 624/30	25	-	18,5	4044	-	880	-	3164	-	145	-	133	3"	72	-	54	-	126	-
ESS 624/31	25	-	18,5	4140	-	880	-	3260	-	145	-	133	3"	72	-	56	-	128	-
ESS 624/32	25	-	18,5	4236	-	880	-	3356	-	145	-	133	3"	72	-	57	-	129	-
ESS 624/33	25	-	18,5	4332	-	880	-	3452	-	145	-	133	3"	72	-	59	-	131	-
ESS 624/34	25	-	18,5	4428	-	880	-	3548	-	145	-	133	3"	72	-	60	-	132	-
ESS 624/35	25	-	18,5	4524	-	880	-	3644	-	145	-	133	3"	72	-	62	-	134	-
ESS 624/36	25	-	18,5	4620	-	880	-	3740	-	145	-	133	3"	72	-	63	-	135	-
ESS 624/37	30	30	22	4816	4795	980	930	3836	3865	145	195	133	3"	82	121	65	68	147	189
ESS 624/38	30	30	22	4912	4891	980	930	3932	3961	145	195	133	3"	82	121	66	69	148	190

POMPA TİPİ PUMP TYPE	MOTOR MOTEUR			m ³ /h	0	15	18	21	24	27	30	33	36
	6" HP	8" HP	kW	l / sec	0,00	4,17	5,00	5,83	6,67	7,50	8,33	9,17	10,00
				gpm	0	66	79	92	106	119	132	145	159
ESS 624/19	15	-	11	Basma Yüksekliği (Hm) Total Dynamic Head (TDH)	148	135	128	121	110	96	79	59	40
ESS 624/20	15	-	11		156	142	135	127	116	101	83	62	42
ESS 624/21	15	-	11		164	149	142	134	122	106	87	66	44
ESS 624/22	15	-	11		172	156	149	140	127	111	91	69	47
ESS 624/23	17,5	-	13		179	163	156	146	133	116	95	72	49
ESS 624/24	17,5	-	13		187	170	162	153	139	121	100	75	51
ESS 624/25	17,5	-	13		195	178	169	159	145	127	104	78	53
ESS 624/26	20	-	15		203	185	176	165	151	132	108	81	55
ESS 624/27	20	-	15		211	192	183	172	156	137	112	84	57
ESS 624/28	20	-	15		218	199	189	178	162	142	116	87	59
ESS 624/29	20	-	15		226	206	196	184	168	147	120	91	61
ESS 624/30	25	-	18,5		234	213	203	191	174	152	124	94	63
ESS 624/31	25	-	18,5		242	220	210	197	180	157	129	97	66
ESS 624/32	25	-	18,5		249	227	216	203	185	162	133	100	68
ESS 624/33	25	-	18,5		257	234	223	210	191	167	137	103	70
ESS 624/34	25	-	18,5		265	241	230	216	197	172	141	106	72
ESS 624/35	25	-	18,5		273	249	237	223	203	177	145	109	74
ESS 624/36	25	-	18,5		281	256	243	229	209	182	149	112	76
ESS 624/37	30	30	22		288	263	250	235	214	187	153	116	78
ESS 624/38	30	30	22		296	270	257	242	220	192	158	119	80

Hidrolik çalışma karakteristikleri 15°C'deki suyla ve 1 bar atmosferik basınç altında alınmıştır
The hydraulic working characteristics have been calculated with water at 15°C at the atmospheric pressure of 1 bar

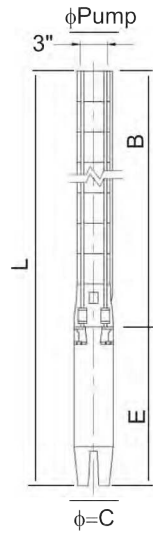


Performans eğrileri kinematik viskozite $\nu = 1 \text{ mm}^2/\text{s}$ ve yoğunluk $\rho = 1000 \text{ kg/m}^3$ temel alınarak oluşturulmuştur
Performance curves are based on the kinematic viscosity $\nu = 1 \text{ mm}^2/\text{s}$ and density $\rho = 1000 \text{ kg/m}^3$



50 Hz seçim aralığı: Q= 16 m ³ /sa - 38 m ³ /sa		
Standart Klepe Çıkışı : 3" İçten Pasolu 11 Diş (NPT : Özel istek)		
Fan tipi: Semiaksiyel		
Dönüş : Saat Yönü Ters		
Bağlantı : NEMA Standardına uygun		
Mil Çapı : 22 mm		
Minimum sıvı seviyesi: Emiş süzgecinin altından itibaren 800 mm.		
Maksimum pompa dış çapı (Kablo muhafazası ile birlikte): 133 mm		
Pompalanan Sıvı: Kimyasal ve mekanik aşındırıcı olmayan akışkan.		
İzin verilen maksimum kum miktarı = 50 g/m ³		
İzin verilen katı parçacık ölçüsü: Max 2mm		
İmalat ve güvenlik standartları:		Tarih
TS 11146:1993		01 / 2013
TS EN ISO 12100-1:2007		REV. 0
TS EN 809:2000 98/37/EC		
TS EN ISO 12100-2:2006		

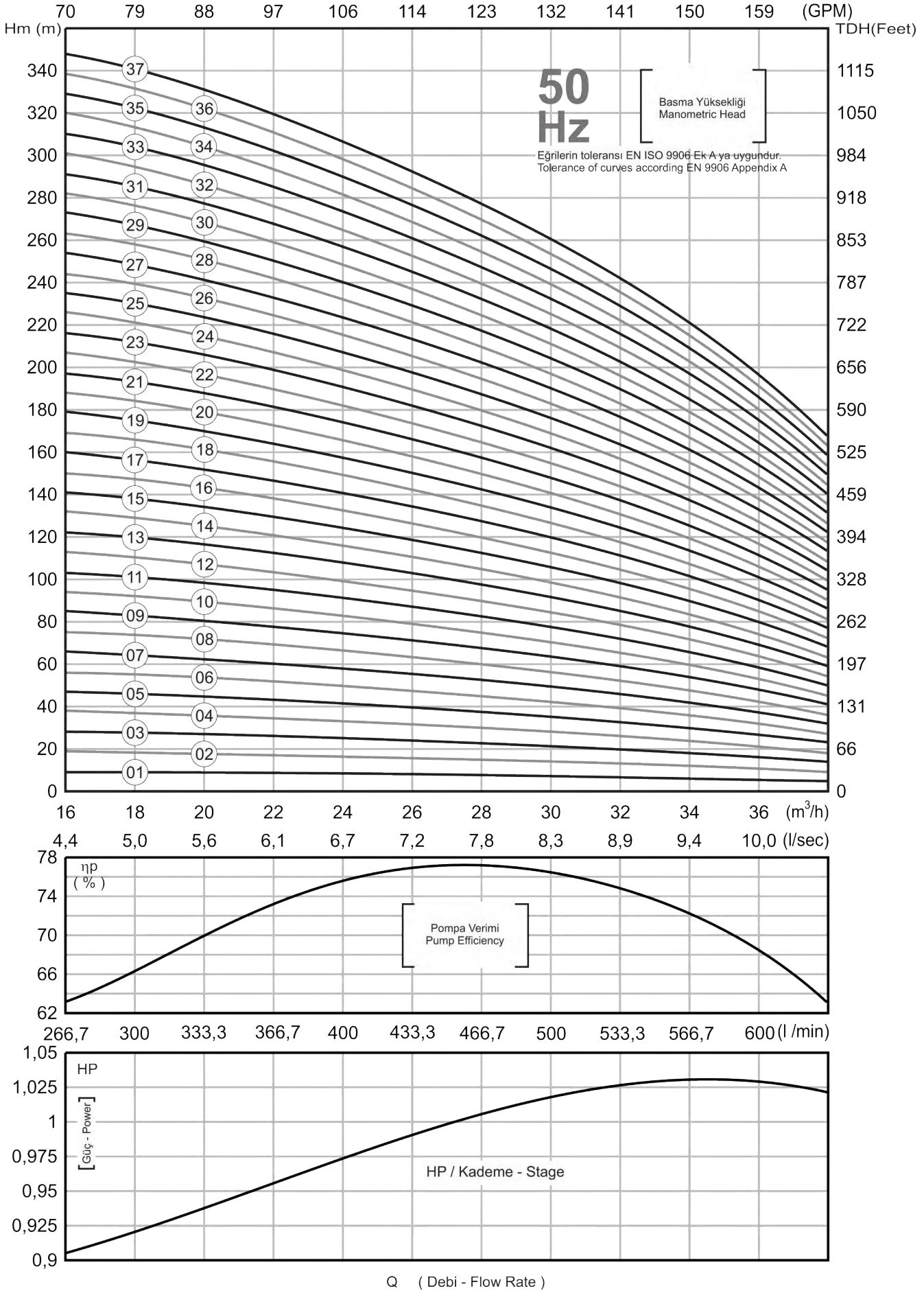
Operating range at 50 Hz: Q= 16 m ³ /h - 38 m ³ /h		
Standard Outlet : 3" Inside Threaded 11 TPI (NPT : Optional)		
Impeller type: Mixed flow		
Rotation : CCW		
Connection : According to NEMA Standard		
Shaft Diameter : 22 mm		
Minimum liquid level (NPSH) : 800 mm from bottom of suction grid		
Maximum pump (Wet end) diameter - (Including cable guard): 133 mm		
Liquid being pumped: Chemically and mechanically non aggressive.		
Maximum allowable solid quantity = 50 g/m ³		
Solid dimension: Max 2mm		
Construction and safety standards:		Date
TS 11146:1993		01 / 2013
TS EN ISO 12100-1:2007		REV. 0
TS EN 809:2000 98/37/EC		
TS EN ISO 12100-2:2006		



POMPA TİPİ PUMP TYPE	MOTOR MOTEUR				ÖLÇÜLER / DIMENSIONS (mm)																AĞIRLIK / WEIGHT (kg)											
					6"-4"		6"-6"		6"-8"		4"		6"		8"		6"-4"		6"-6"		6"-8"		4"		6"		8"		6"-4"		6"-6"	
	4" HP	6" HP	8" HP	kW	L	L	L	E	E	E	B	B	B	ø C	ø C	ø C	PUM P	ø D	MOTOR			POMPA PUMP			TOPLAM TOTAL							
																			4"	6"	8"	6"-4"	6"-6"	6"-8"	6"-4"	6"-6"	6"-8"					
ESS 630/01	1	-	-	0,75	769	-	-	-	405	-	-	-	364	-	-	93	-	-	133	3"	9	-	-	7	-	-	-	16	-	-		
ESS 630/02	2	-	-	1,5	892	-	-	-	432	-	-	-	460	-	-	93	-	-	133	3"	11	-	-	8	-	-	-	19	-	-		
ESS 630/03	3	-	-	2,2	1048	-	-	-	492	-	-	-	556	-	-	93	-	-	133	3"	14	-	-	10	-	-	-	24	-	-		
ESS 630/04	4	-	-	3	1233	-	-	-	581	-	-	-	652	-	-	93	-	-	133	3"	19	-	-	12	-	-	-	31	-	-		
ESS 630/05	5,5	5,5	-	4	1369	1378	-	-	621	630	-	-	748	748	-	93	145	-	133	3"	21	46	-	14	16	-	-	35	62	-		
ESS 630/06	7,5	7,5	-	5,5	1584	1474	-	-	740	630	-	-	844	844	-	93	145	-	133	3"	25	46	-	16	18	-	-	41	64	-		
ESS 630/07	7,5	7,5	-	5,5	1680	1570	-	-	740	630	-	-	940	940	-	93	145	-	133	3"	25	46	-	17	19	-	-	42	65	-		
ESS 630/08	10	10	-	7,5	1896	1686	-	-	860	650	-	-	1036	1036	-	93	145	-	133	3"	31	48	-	19	21	-	-	50	69	-		
ESS 630/09	10	10	-	7,5	1992	1782	-	-	860	650	-	-	1132	1132	-	93	145	-	133	3"	31	48	-	21	22	-	-	52	70	-		
ESS 630/10	10	10	-	7,5	2088	1878	-	-	860	650	-	-	1228	1228	-	93	145	-	133	3"	31	48	-	23	24	-	-	54	72	-		
ESS 630/11	-	12,5	-	9,2	-	2014	-	-	-	690	-	-	-	1324	-	-	145	-	133	3"	-	50	-	-	25	-	-	-	75	-		
ESS 630/12	-	12,5	-	9,2	-	2110	-	-	-	690	-	-	-	1420	-	-	145	-	133	3"	-	50	-	-	27	-	-	-	77	-		
ESS 630/13	-	15	-	11	-	2246	-	-	-	730	-	-	-	1516	-	-	145	-	133	3"	-	56	-	-	28	-	-	-	84	-		
ESS 630/14	-	15	-	11	-	2342	-	-	-	730	-	-	-	1612	-	-	145	-	133	3"	-	56	-	-	30	-	-	-	86	-		
ESS 630/15	-	15	-	11	-	2438	-	-	-	730	-	-	-	1708	-	-	145	-	133	3"	-	56	-	-	31	-	-	-	87	-		
ESS 630/16	-	17,5	-	13	-	2584	-	-	-	780	-	-	-	1804	-	-	145	-	133	3"	-	60	-	-	33	-	-	-	93	-		
ESS 630/17	-	17,5	-	13	-	2680	-	-	-	780	-	-	-	1900	-	-	145	-	133	3"	-	60	-	-	34	-	-	-	94	-		
ESS 630/18	-	20	-	15	-	2826	-	-	-	830	-	-	-	1996	-	-	145	-	133	3"	-	66	-	-	36	-	-	-	102	-		
ESS 630/19	-	20	-	15	-	2922	-	-	-	830	-	-	-	2092	-	-	145	-	133	3"	-	66	-	-	37	-	-	-	103	-		
ESS 630/20	-	20	-	15	-	3018	-	-	-	830	-	-	-	2188	-	-	145	-	133	3"	-	66	-	-	39	-	-	-	105	-		
ESS 630/21	-	25	-	18,5	-	3180	-	-	-	880	-	-	-	2300	-	-	145	-	133	3"	-	72	-	-	41	-	-	-	113	-		
ESS 630/22	-	25	-	18,5	-	3276	-	-	-	880	-	-	-	2396	-	-	145	-	133	3"	-	72	-	-	42	-	-	-	114	-		
ESS 630/23	-	25	-	18,5	-	3372	-	-	-	880	-	-	-	2492	-	-	145	-	133	3"	-	72	-	-	44	-	-	-	116	-		
ESS 630/24	-	25	-	18,5	-	3468	-	-	-	880	-	-	-	2588	-	-	145	-	133	3"	-	72	-	-	45	-	-	-	117	-		
ESS 630/25	-	25	-	18,5	-	3564	-	-	-	880	-	-	-	2684	-	-	145	-	133	3"	-	72	-	-	47	-	-	-	119	-		
ESS 630/26	-	30	30	22	-	3760	3739	-	-	980	930	-	-	2780	2809	-	145	195	133	3"	-	82	121	-	48	51	-	-	130	172		
ESS 630/27	-	30	30	22	-	3856	3835	-	-	980	930	-	-	2876	2905	-	145	195	133	3"	-	82	121	-	50	53	-	-	132	174		
ESS 630/28	-	30	30	22	-	3952	3931	-	-	980	930	-	-	2972	3001	-	145	195	133	3"	-	82	121	-	51	54	-	-	133	175		
ESS 630/29	-	30	30	22	-	4048	4027	-	-	980	930	-	-	3068	3097	-	145	195	133	3"	-	82	121	-	53	56	-	-	135	177		
ESS 630/30	-	30	30	22	-	4144	4123	-	-	980	930	-	-	3164	3193	-	145	195	133	3"	-	82	121	-	54	57	-	-	136	178		
ESS 630/31	-	35	35	26	-	4290	4329	-	-	1030	1040	-	-	3260	3289	-	145	195	133	3"	-	88	140	-	56	59	-	-	144	199		
ESS 630/32	-	35	35	26	-	4386	4425	-	-	1030	1040	-	-	3356	3385	-	145	195	133	3"	-	88	140	-	57	60	-	-	145	200		
ESS 630/33	-	35	35	26	-	4482	4521	-	-	1030	1040	-	-	3452	3481	-	145	195	133	3"	-	88	140	-	59	62	-	-	147	202		
ESS 630/34	-	35	35	26	-	4578	4617	-	-	1030	1040	-	-	3548	3577	-	145	195	133	3"	-	88	140	-	60	63	-	-	148	203		
ESS 630/35	-	35	35	26	-	4674	4713	-	-	1030	1040	-	-	3644	3673	-	145	195	133	3"	-	88	140	-	62	65	-	-	150	205		
ESS 630/36	-	40	40	30	-	4850	4809	-	-	1110	1040	-	-	3740	3769	-	145	195	133	3"	-	98	140	-	63	66	-	-	161	206		
ESS 630/37	-	40	40	30	-	4946	4905	-	-	1110	1040	-	-	3836	3865	-	145	195	133	3"	-	98	140	-	65	68	-	-	163	208		

POMPA TİPİ PUMP TYPE	MOTOR MOTEUR				m³/h	0	16	18	20	22	24	26	28	30	32	34	36	38
	8"																	
	4" HP	6" HP	H P	kW														
I / sec					0,00	4,44	5,00	5,56	6,11	6,67	7,22	7,78	8,33	8,89	9,44	10,00	10,56	
gpm					0	70	79	88	97	106	114	123	132	141	150	159	167	
ESS 630/01	1	-	-	0,75	19	9	9	9	9	8	8	8	7	7	6	5	5	
ESS 630/02	2	-	-	1,5	19	19	18	18	17	16	16	15	14	13	12	11	9	
ESS 630/03	3	-	-	2,2	29	28	28	27	26	25	24	23	21	20	18	16	14	
ESS 630/04	4	-	-	3	39	38	37	36	34	33	32	30	28	26	24	21	18	
ESS 630/05	5,5	5,5	-	4	49	47	46	45	43	41	40	38	35	32	30	27	23	
ESS 630/06	7,5	7,5	-	5,5	59	56	55	54	52	49	48	45	42	39	36	32	27	
ESS 630/07	7,5	7,5	-	5,5	68	66	64	63	60	57	56	53	49	46	42	37	32	
ESS 630/08	10	10	-	7,5	78	75	74	72	69	66	64	60	56	52	48	42	36	
ESS 630/09	10	10	-	7,5	88	85	83	81	77	74	72	68	63	59	54	48	41	
ESS 630/10	10	10	-	7,5	98	94	92	90	86	82	80	75	70	65	60	53	45	
ESS 630/11	-	12,5	-	9,2	108	103	101	99	95	90	88	83	77	72	66	58	50	
ESS 630/12	-	12,5	-	9,2	117	113	110	108	103	98	96	90	84	78	72	64	54	
ESS 630/13	-	15	-	11	127	122	120	117	112	107	104	98	91	85	78	69	59	
ESS 630/14	-	15	-	11	137	132	129	126	120	115	112	105	98	91	84	74	63	
ESS 630/15	-	15	-	11	147	141	138	135	129	123	120	113	105	98	90	80	68	
ESS 630/16	-	17,5	-	13	157	150	147	144	138	131	128	120	112	104	96	85	72	
ESS 630/17	-	17,5	-	13	166	160	156	153	146	139	136	128	119	111	102	90	77	
ESS 630/18	-	20	-	15	173	169	166	162	155	148	144	135	126	117	108	95	81	
ESS 630/19	-	20	-	15	182	179	175	171	163	156	152	143	133	124	114	101	86	
ESS 630/20	-	20	-	15	191	188	184	180	172	164	160	150	140	130	120	106	90	
ESS 630/21	-	25	-	18,5	200	197	193	189	181	172	168	158	147	137	126	111	95	
ESS 630/22	-	25	-	18,5	210	207	202	198	189	180	176	165	154	143	132	117	99	
ESS 630/23	-	25	-	18,5	218	216	212	207	198	189	184	173	161	150	138	122	104	
ESS 630/24	-	25	-	18,5	228	226	221	216	206	197	192	180	168	156	144	127	108	
ESS 630/25	-	25	-	18,5	236	235	230	225	215	205	200	188	175	163	150	133	113	
ESS 630/26	-	30	30	22	246	244	239	234	224	213	208	195	182	169	156	138	117	
ESS 630/27	-	30	30	22	254	254	248	243	232	221	216	203	189	176	162	143	122	
ESS 630/28	-	30	30	22	264	263	258	252	241	230	224	210	196	182	168	148	126	
ESS 630/29	-	30	30	22	273	273	267	261	249	238	232	218	203	189	174	154	131	
ESS 630/30	-	30	30	22	284	282	276	270	258	246	240	225	210	195	180	159	135	
ESS 630/31	-	35	35	26	294	291	285	279	267	254	248	233	217	202	186	164	140	
ESS 630/32	-	35	35	26	303	301	294	288	275	262	256	240	224	208	192	170	144	
ESS 630/33	-	35	35	26	313	310	304	297	284	271	264	248	231	215	198	175	149	
ESS 630/34	-	35	35	26	323	320	313	306	292	279	272	255	238	221	204	180	153	
ESS 630/35	-	35	35	26	333	329	322	315	301	287	280	263	245	228	210	186	158	
ESS 630/36	-	40	40	30	360	324	324	324	324	288	288	288	252	252	216	180	180	
ESS 630/37	-	40	40	30	370	333	333	333	333	296	296	296	259	259	222	185	185	

Hidrolik çalışma karakteristikleri 15°C'deki suyla ve 1 bar atmosferik basınç altında alınmıştır
The hydraulic working characteristics have been calculated with water at 15°C at the atmospheric pressure of 1 bar



50 Hz seçim aralığı: $Q = 24 \text{ m}^3 / \text{sa} - 51 \text{ m}^3 / \text{sa}$
 Standart Klepe Çıkışı : 3" İçten Pasolu 11 Dış (NPT : Özel istek)
 Fan tipi: Semiaksiyel
 Dönüş : Saat Yönü Tersİ
 Bağlantı : NEMA Standardına uygun
 Mil Çapı : 22 mm

Minimum sıvı seviyesi: Emiş süzgecinin altından itibaren 800 mm.
Maksimum pompa dış çapı (Kablo muhafazası ile birlikte): 145 mm

Pompalanan Sıvı: Kimyasal ve mekanik aşındırıcı olmayan akışkan.
İzin veren maksimum kum miktarı = 50 g/m³
İzin verilen katı parçacık ölçüsü: Max 2mm

İmalat ve güvenlik standartları:

TS 11146:1993

TS EN 809:2000 98/37/EC

Tarih

TS EN ISO 12100-1:2007

TS EN ISO 12100-2:2006

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Operating range at 50 Hz: Q= 24 m³/h - 51 m³/h
Standard Outlet : 3" Inside Threaded 11 TPI (NPT : Optional)
Impeller type: Mixed flow
Rotation : CCW
Connection : According to NEMA Standard
Shaft Diameter : 22 mm

Minimum liquid level (NPSH) : 800 mm from bottom of suction grid
Maximum pump (Wet end) diameter - (Including cable guard): 149 mm

Liquid being pumped: Chemically and mechanically non aggressive.
Maximum allowable solid quantity = 50 g/m³
Solid dimension: Max 2mm

Construction and safety standards:

TS 11146:1993

TS EN 809:2000 98/37/EC

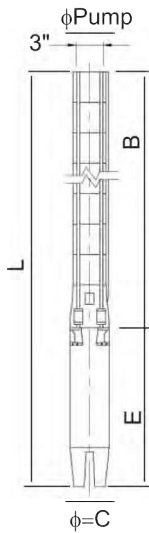
TS EN ISO 12100-1:2007

TS EN ISO 12100-2:2006

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POMPA TİPİ PUMP TYPE	MOTOR MOTEUR				ÖLÇÜLER / DIMENSIONS (mm)														AĞIRLIK / WEIGHT (kg)								
					6"-4"		6"-6"		6"-8"		4"	6"	8"	4"	6"	8"	4"	6"	8"	ø PUMP	ø D	MOTOR			POMPA PUMP		
	4"	6"	8"	KW	L	L	L	E	E	E	B	B	B	ø = C	ø = C	ø = C	4"	6"	8"			6"-4"	6"-6"	6"-8"	6"-4"	6"-6"	6"-8"
	HP	HP	HP																								
ESS 636/01	1,5	-	-	1,1	810	-	-	425	-	-	385	-	-	93	-	-	145	3"	10	-	-	7	-	-	17	-	-
ESS 636/02	3	-	-	2,2	990	-	-	492	-	-	498	-	-	93	-	-	145	3"	14	-	-	9	-	-	23	-	-
ESS 636/03	4	-	-	3	1192	-	-	581	-	-	611	-	-	93	-	-	145	3"	19	-	-	11	-	-	30	-	-
ESS 636/04	5,5	5,5	-	4	1345	-	-	621	630	-	724	-	-	93	145	-	145	3"	21	46	-	14	14	-	35	60	-
ESS 636/05	7,5	7,5	-	5,5	1577	1467	-	740	630	-	837	837	-	93	145	-	145	3"	25	46	-	16	16	-	41	62	-
ESS 636/06	10	10	-	7,5	1810	1600	-	860	650	-	950	950	-	93	145	-	145	3"	31	48	-	18	18	-	49	66	-
ESS 636/07	10	10	-	7,5	1923	1713	-	860	650	-	1063	1063	-	93	145	-	145	3"	31	48	-	20	20	-	51	68	-
ESS 636/08	-	12,5	-	9,2	-	1866	-	-	690	-	-	1176	-	-	145	-	145	3"	-	50	-	-	22	-	-	72	-
ESS 636/09	-	12,5	-	9,2	-	1979	-	-	690	-	-	1289	-	-	145	-	145	3"	-	50	-	-	24	-	-	74	-
ESS 636/10	-	15	-	11	-	2132	-	-	730	-	-	1402	-	-	145	-	145	3"	-	56	-	-	26	-	-	82	-
ESS 636/11	-	15	-	11	-	2245	-	-	730	-	-	1515	-	-	145	-	145	3"	-	56	-	-	29	-	-	85	-
ESS 636/12	-	17,5	-	13	-	2408	-	-	780	-	-	1628	-	-	145	-	145	3"	-	60	-	-	31	-	-	91	-
ESS 636/13	-	17,5	-	13	-	2521	-	-	780	-	-	1741	-	-	145	-	145	3"	-	60	-	-	33	-	-	93	-
ESS 636/14	-	20	-	15	-	2684	-	-	830	-	-	1854	-	-	145	-	145	3"	-	66	-	-	35	-	-	101	-
ESS 636/15	-	20	-	15	-	2797	-	-	830	-	-	1967	-	-	145	-	145	3"	-	66	-	-	37	-	-	103	-
ESS 636/16	-	25	-	18,5	-	2960	-	-	880	-	-	2080	-	-	145	-	145	3"	-	72	-	-	39	-	-	111	-
ESS 636/17	-	25	-	18,5	-	3073	-	-	880	-	-	2193	-	-	145	-	145	3"	-	72	-	-	41	-	-	113	-
ESS 636/18	-	25	-	18,5	-	3186	-	-	880	-	-	2306	-	-	145	-	145	3"	-	72	-	-	43	-	-	115	-
ESS 636/19	-	25	-	18,5	-	3299	-	-	880	-	-	2419	-	-	145	-	145	3"	-	72	-	-	45	-	-	117	-
ESS 636/20	-	30	30	22	-	3528	3507	-	980	930	-	2548	2577	-	145	195	145	3"	-	82	121	-	48	51	-	130	172
ESS 636/21	-	30	30	22	-	3641	3620	-	980	930	-	2661	2690	-	145	195	145	3"	-	82	121	-	50	53	-	132	174
ESS 636/22	-	30	30	22	-	3754	3733	-	980	930	-	2774	2803	-	145	195	145	3"	-	82	121	-	53	56	-	135	177
ESS 636/23	-	30	30	22	-	3867	3846	-	980	930	-	2887	2916	-	145	195	145	3"	-	82	121	-	55	58	-	137	179
ESS 636/24	-	35	35	26	-	4030	4069	-	1030	1040	-	3000	3029	-	145	195	145	3"	-	88	140	-	57	60	-	145	200
ESS 636/25	-	35	35	26	-	4143	4182	-	1030	1040	-	3113	3142	-	145	195	145	3"	-	88	140	-	59	62	-	147	202
ESS 636/26	-	35	35	26	-	4256	4295	-	1030	1040	-	3226	3255	-	145	195	145	3"	-	88	140	-	61	64	-	149	204
ESS 636/27	-	40	40	30	-	4449	4408	-	1110	1040	-	3339	3368	-	145	195	145	3"	-	98	140	-	63	66	-	161	206
ESS 636/28	-	40	40	30	-	4562	4521	-	1110	1040	-	3452	3481	-	145	195	145	3"	-	98	140	-	65	68	-	163	208

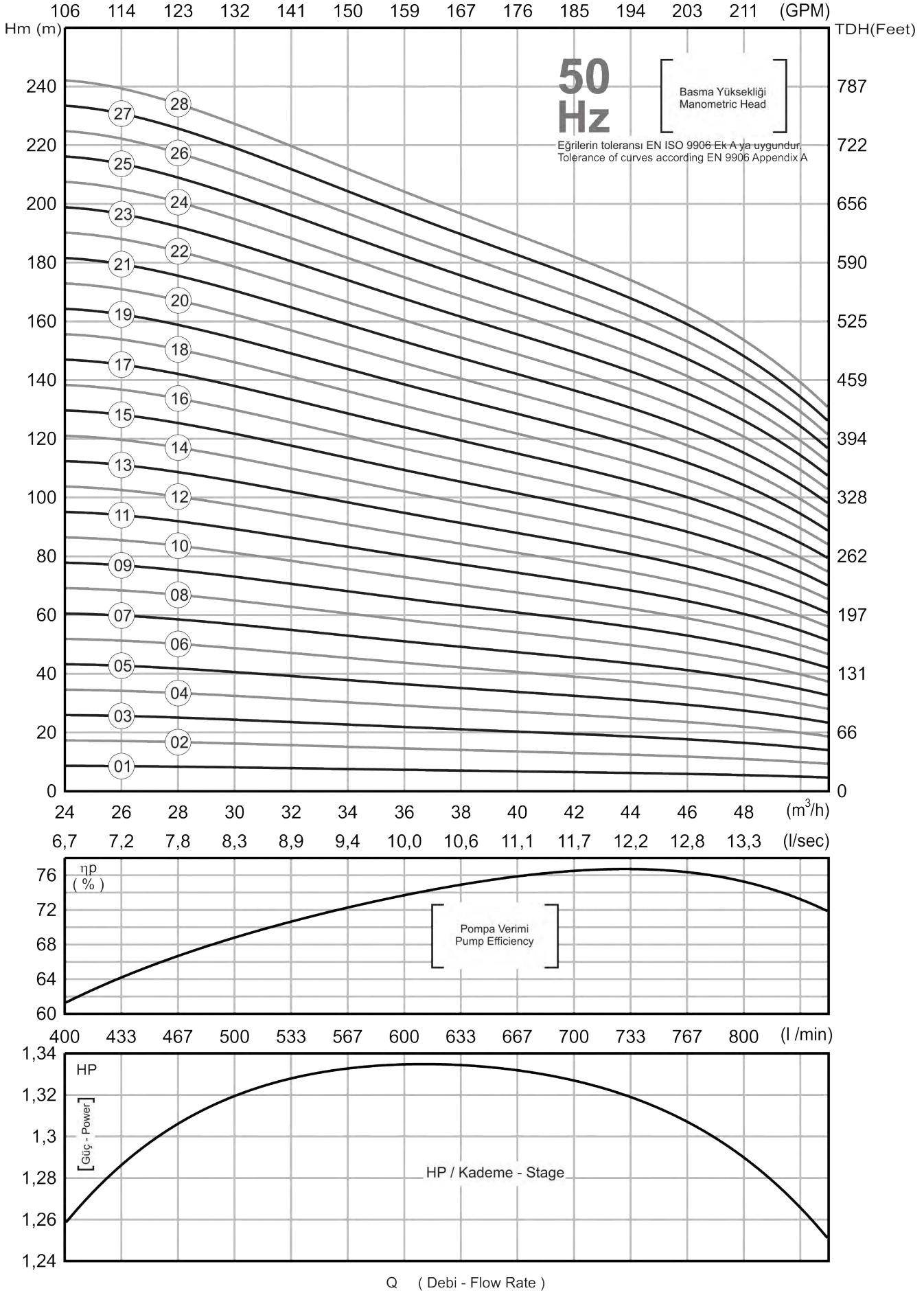
POMPA TİPİ PUMP TYPE	MOTOR MOTEUR				m³/h	0	24	27	30	33	36	39	42	45	48	51
	4" HP	6" HP	8" HP	kW												
					gpm	0	106	119	132	145	159	172	185	198	211	225
ESS 636/01	1,5	-	-	1,1	Basma Yüksekliği (Hm) Total Dynamic Head (TDH)	11	9	8	8	8	7	7	6	6	5	5
ESS 636/02	3	-	-	2,2		22	17	17	16	16	15	14	13	12	11	9
ESS 636/03	4	-	-	3		32	26	25	24	23	22	20	19	18	16	14
ESS 636/04	5,5	5,5	-	4		43	35	34	32	31	30	27	26	25	22	19
ESS 636/05	7,5	7,5	-	5,5		54	43	42	40	39	37	34	32	31	27	23
ESS 636/06	10	10	-	7,5		65	52	50	48	47	44	41	38	37	33	28
ESS 636/07	10	10	-	7,5		76	61	59	57	54	52	47	45	43	38	32
ESS 636/08	-	12,5	-	9,2		87	69	67	65	62	59	54	51	49	44	37
ESS 636/09	-	12,5	-	9,2		97	78	76	73	70	67	61	58	55	49	42
ESS 636/10	-	15	-	11		108	87	84	81	78	74	68	64	62	55	46
ESS 636/11	-	15	-	11		119	95	92	89	86	82	74	71	68	60	51
ESS 636/12	-	17,5	-	13		130	104	101	97	93	89	81	77	74	66	56
ESS 636/13	-	17,5	-	13		141	113	109	105	101	96	88	83	80	71	60
ESS 636/14	-	20	-	15		152	121	118	113	109	104	95	90	86	77	65
ESS 636/15	-	20	-	15		162	130	126	121	117	111	101	96	92	82	70
ESS 636/16	-	25	-	18,5		173	139	134	129	124	119	108	103	99	88	74
ESS 636/17	-	25	-	18,5		184	147	143	137	132	126	115	109	105	93	79
ESS 636/18	-	25	-	18,5		195	156	151	145	140	133	122	115	111	99	84
ESS 636/19	-	25	-	18,5		206	165	160	154	148	141	128	122	117	104	88
ESS 636/20	-	30	30	22		216	174	168	162	156	148	135	128	123	110	93
ESS 636/21	-	30	30	22		227	182	176	170	163	156	142	135	129	115	97
ESS 636/22	-	30	30	22		238	191	185	178	171	163	149	141	136	121	102
ESS 636/23	-	30	30	22		249	200	193	186	179	170	156	147	142	126	107
ESS 636/24	-	35	35	26		260	208	202	194	187	178	162	154	148	132	111
ESS 636/25	-	35	35	26		271	217	210	202	194	185	169	160	154	137	116
ESS 636/26	-	35	35	26		281	226	218	210	202	193	176	167	160	143	121
ESS 636/27	-	40	40	30		292	234	227	218	210	200	183	173	166	148	125
ESS 636/28	-	40	40	30		303	243	235	226	218	208	189	180	173	154	130

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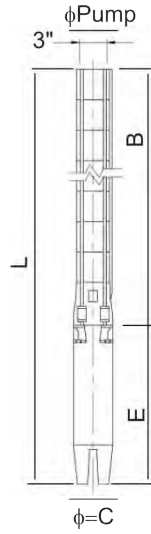
Katalogtaki hidrolik karakteristikler çekvalf kayıplarını içermez. Hidrolik karakteristikler of catalog don't include the loss of check-valve

Hidrolik çalışma karakteristikleri 15°C'deki suyla ve 1 bar atmosferik basınç altında alınmıştır
The hydraulic working characteristics have been calculated with water at 15°C at the atmospheric pressure of 1 bar



50 Hz seçim aralığı: Q= 36 m ³ / sa - 58 m ³ / sa Standart Klepe Çıkışı : 3" İçten Pasolu 11 Diş (NPT : Özel istek) Fan tipi: Semiaksiyel Dönüş : Saat Yönü Ters Bağlantı : NEMA Standardına uygun Mil Çapı : 22 mm			
Minimum sıvı seviyesi: Emiş süzgecinin altından itibaren 800 mm. Maksimum pompa dış çapı (Kablo muhafazası ile birlikte): 145 mm			
Pompalanan Sıvı: Kimyasal ve mekanik aşındırıcı olmayan akışkan. İzin veren maksimum kum miktarı = 50 g/m ³ İzin verilen katı parçacık ölçüsü: Max 2mm			
İmalat ve güvenlik standartları: TS 11146:1993 TS EN ISO 12100-1:2007		Tarih 01 / 2013 REV. 0	
TS EN 809:2000 98/37/EC TS EN ISO 12100-2:2006			

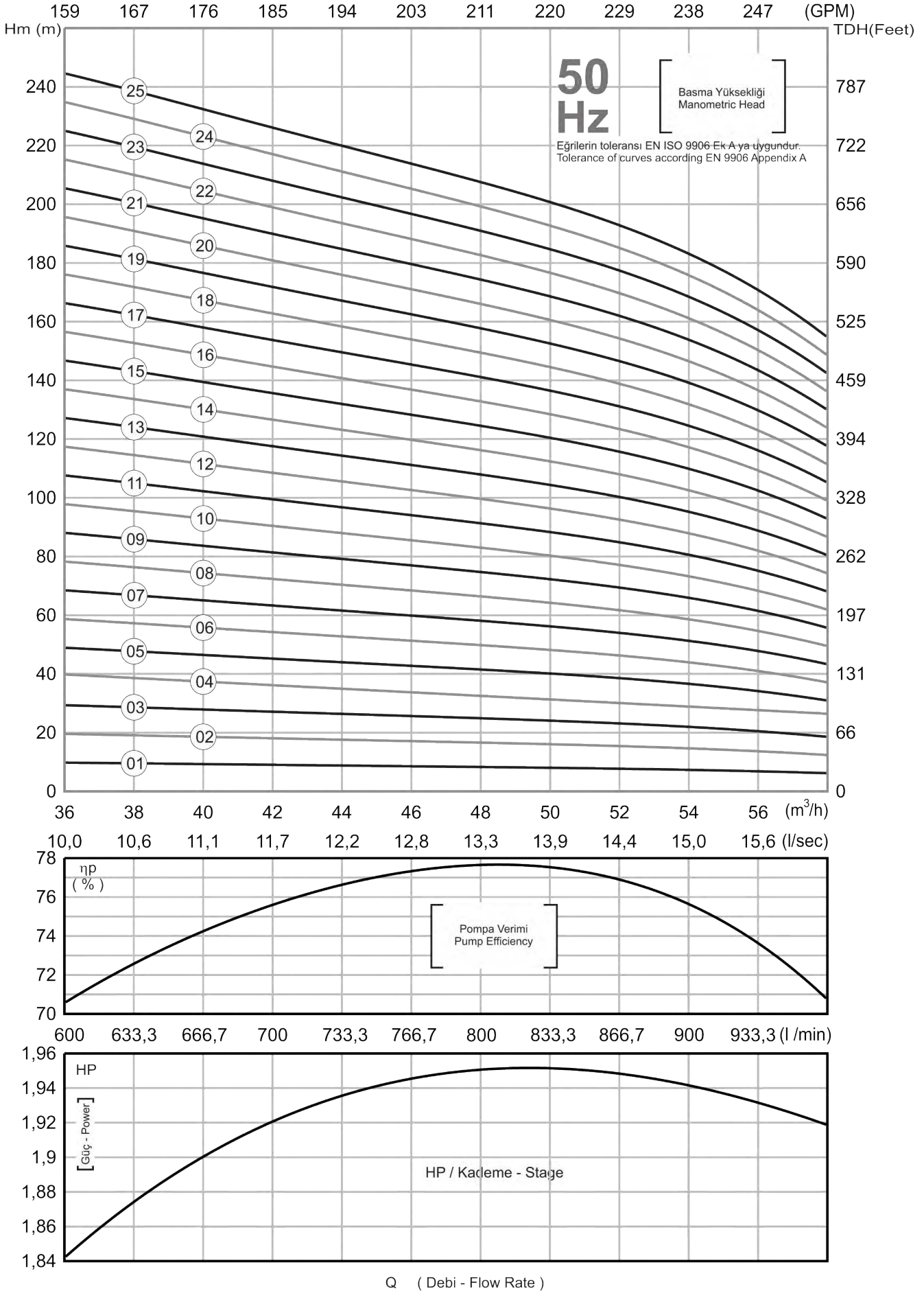
Operating range at 50 Hz: Q= 36 m ³ / h - 58 m ³ / h Standard Outlet : 3" Inside Threaded 11 TPI (NPT : Optional) Impeller type: Mixed flow Rotation : CCW Connection : According to NEMA Standard Shaft Diameter : 22 mm			
Minimum liquid level (NPSH) : 800 mm from bottom of suction grid Maximum pump (Wet end) diameter - (Including cable guard): 149 mm			
Liquid being pumped: Chemically and mechanically non aggressive. Maximum allowable solid quantity = 50 g/m ³ Solid dimension: Max 2mm			
Construction and safety standards: TS 11146:1993 TS EN ISO 12100-1:2007		Date 01 / 2013 REV. 0	
TS EN 809:2000 98/37/EC TS EN ISO 12100-2:2006			



POMPA TİPİ PUMP TYPE	MOTOR MOTEUR				ÖLÇÜLER / DIMENSIONS (mm)														AĞIRLIK / WEIGHT (kg)								
																			MOTOR			POMPA PUMP			TOPLAM TOTAL		
	4" HP	6" HP	8" HP	KW	6"-4"	6"-6"	6"-8"	4"	6"	8"	4"	6"	8"	4"	6"	8"	ø PUMP	ø D	4" 6" 8"			6"-4" 6"-6" 6"-8"			6"-4" 6"-6" 6"-8"		
					L	L	L	E	E	E	B	B	B	ø = C	ø = C	ø = C											
ESS 642/01	2	-	-	1,5	817	-	-	432	-	-	385	-	-	93	-	-	145	3"	11	-	-	7	-	-	18	-	-
ESS 642/02	4	-	-	3	1079	-	-	581	-	-	498	-	-	93	-	-	145	3"	19	-	-	9	-	-	28	-	-
ESS 642/03	7,5	7,5	-	5,5	1351	1241	-	740	630	-	611	611	-	93	145	-	145	3"	25	46	-	11	12	-	36	58	-
ESS 642/04	10	10	-	7,5	1584	1374	-	860	650	-	724	724	-	93	145	-	145	3"	31	48	-	14	14	-	45	62	-
ESS 642/05	10	10	-	7,5	1697	1487	-	860	650	-	837	837	-	93	145	-	145	3"	31	48	-	16	16	-	47	64	-
ESS 642/06	-	12,5	-	9	-	1640	-	-	690	-	-	950	-	-	145	-	145	3"	-	50	-	-	18	-	-	68	-
ESS 642/07	-	15	-	11	-	1793	-	-	730	-	-	1063	-	-	145	-	145	3"	-	56	-	-	20	-	-	76	-
ESS 642/08	-	17,5	-	13	-	1956	-	-	780	-	-	1176	-	-	145	-	145	3"	-	60	-	-	22	-	-	82	-
ESS 642/09	-	20	-	15	-	2119	-	-	830	-	-	1289	-	-	145	-	145	3"	-	66	-	-	24	-	-	90	-
ESS 642/10	-	20	-	15	-	2232	-	-	830	-	-	1402	-	-	145	-	145	3"	-	66	-	-	26	-	-	92	-
ESS 642/11	-	25	-	18,5	-	2395	-	-	880	-	-	1515	-	-	145	-	145	3"	-	72	-	-	29	-	-	101	-
ESS 642/12	-	25	-	18,5	-	2508	-	-	880	-	-	1628	-	-	145	-	145	3"	-	72	-	-	31	-	-	103	-
ESS 642/13	-	30	30	22	-	2721	2700	-	980	930	-	1741	1770	-	145	195	145	3"	-	82	121	-	33	36	-	115	157
ESS 642/14	-	30	30	22	-	2834	2813	-	980	930	-	1854	1883	-	145	195	145	3"	-	82	121	-	35	38	-	117	159
ESS 642/15	-	30	30	22	-	2947	2926	-	980	930	-	1967	1996	-	145	195	145	3"	-	82	121	-	37	40	-	119	161
ESS 642/16	-	35	35	26	-	3110	3149	-	1030	1040	-	2080	2109	-	145	195	145	3"	-	88	140	-	39	42	-	127	182
ESS 642/17	-	35	35	26	-	3223	3262	-	1030	1040	-	2193	2222	-	145	195	145	3"	-	88	140	-	41	44	-	129	184
ESS 642/18	-	40	40	30	-	3416	3375	-	1110	1040	-	2306	2335	-	145	195	145	3"	-	98	140	-	43	46	-	141	186
ESS 642/19	-	40	40	30	-	3529	3488	-	1110	1040	-	2419	2448	-	145	195	145	3"	-	98	140	-	45	49	-	143	189
ESS 642/20	-	40	40	30	-	3658	3617	-	1110	1040	-	2548	2577	-	145	195	145	3"	-	98	140	-	48	51	-	146	191
ESS 642/21	-	50	50	37	-	3851	3760	-	1190	1070	-	2661	2690	-	145	195	145	3"	-	106	146	-	50	53	-	156	199
ESS 642/22	-	50	50	37	-	3964	3873	-	1190	1070	-	2774	2803	-	145	195	145	3"	-	106	146	-	53	56	-	159	202
ESS 642/23	-	50	50	37	-	4077	3986	-	1190	1070	-	2887	2916	-	145	195	145	3"	-	106	146	-	55	58	-	161	204
ESS 642/24	-	50	50	37	-	4190	4099	-	1190	1070	-	3000	3029	-	145	195	145	3"	-	106	146	-	57	60	-	163	206
ESS 642/25	-	50	50	37	-	4303	4212	-	1190	1070	-	3113	3142	-	145	195	145	3"	-	106	146	-	59	62	-	165	208

POMPA TİPİ PUMP TYPE	MOTOR MOTEUR				m³/h	0	36	38	40	42	44	46	48	50	52	54	56	58	
	4" HP	6" HP	8" HP	kW		l / sec	0,00	10,00	10,56	11,11	11,67	12,22	12,78	13,33	13,89	14,44	15,00	15,56	16,11
						gpm	0	159	167	176	185	194	203	211	220	229	238	247	255
ESS 642/01	2	-	-	1,5	Basma Yüksekliği (Hm) Total Dynamic Head (TDH)	13	10	10	9	9	9	9	8	8	8	7	7	6	
ESS 642/02	4	-	-	3		26	20	19	19	18	18	17	17	16	16	15	14	12	
ESS 642/03	7,5	7,5	-	5,5		39	29	29	28	27	26	26	25	24	23	22	20	19	
ESS 642/04	10	10	-	7,5		52	39	38	37	36	35	34	33	32	31	29	27	25	
ESS 642/05	10	10	-	7,5		65	49	48	47	46	44	43	42	40	39	37	34	31	
ESS 642/06	-	12,5	-	9		78	59	57	56	55	53	51	50	48	47	44	41	37	
ESS 642/07	-	15	-	11		91	69	67	65	64	62	60	58	56	55	51	48	43	
ESS 642/08	-	17,5	-	13		104	78	76	74	73	70	68	66	64	62	58	54	50	
ESS 642/09	-	20	-	15		117	88	86	84	82	79	77	75	72	70	66	61	56	
ESS 642/10	-	20	-	15		130	98	95	93	91	88	85	83	80	78	73	68	62	
ESS 642/11	-	25	-	18,5		143	108	105	102	100	97	94	91	88	86	80	75	68	
ESS 642/12	-	25	-	18,5		156	118	114	112	109	106	102	100	96	94	88	82	74	
ESS 642/13	-	30	30	22		169	127	124	121	118	114	111	108	104	101	95	88	81	
ESS 642/14	-	30	30	22		182	137	133	130	127	123	119	116	112	109	102	95	87	
ESS 642/15	-	30	30	22		195	147	143	140	137	132	128	125	120	117	110	102	93	
ESS 642/16	-	35	35	26		208	157	152	149	146	141	136	133	128	125	117	109	99	
ESS 642/17	-	35	35	26		221	167	162	158	155	150	145	141	136	133	124	116	105	
ESS 642/18	-	40	40	30		234	176	171	167	164	158	153	149	144	140	131	122	112	
ESS 642/19	-	40	40	30		247	186	181	177	173	167	162	158	152	148	139	129	118	
ESS 642/20	-	40	40	30		260	196	190	186	182	176	170	166	160	156	146	136	124	
ESS 642/21	-	50	50	37		273	206	200	195	191	185	179	174	168	164	153	143	130	
ESS 642/22	-	50	50	37		286	216	209	205	200	194	187	183	176	172	161	150	136	
ESS 642/23	-	50	50	37		299	225	219	214	209	202	196	191	184	179	168	156	143	
ESS 642/24	-	50	50	37		312	235	228	223	218	211	204	199	192	187	175	163	149	
ESS 642/25	-	50	50	37		325	245	238	233	228	220	213	208	200	195	183	170	155	

Hidrolik çalışma karakteristikleri 15°C'deki suyla ve 1 bar atmosferik basınç altında alınmıştır
The hydraulic working characteristics have been calculated with water at 15°C at the atmospheric pressure of 1 bar



Performans eğrileri kinematik viskozite $\nu = 1 \text{ mm}^2/\text{s}$ ve yoğunluk $\rho = 1000 \text{ kg/m}^3$ temel alınarak oluşturulmuştur
Performance curves are based on the kinematic viscosity $\nu = 1 \text{ mm}^2/\text{s}$ and density $\rho = 1000 \text{ kg/m}^3$



50 Hz seçim aralığı: Q= 30 m³/sa - 78 m³/sa
Standart Klepe Çıkışı : 4" İçten Pasolu 11 Diş (NPT : Özel istek)
Fan tipi: Semiaksiyel
Dönüş : Saat Yönü Ters
Bağlantı : NEMA Standardına uygun
Mil Çapı : 22 mm

Minimum sıvı seviyesi: Emiş süzgecinin altından itibaren 800 mm.
Maksimum pompa dış çapı (Kablo muhafazası ile birlikte): 149 mm

Pompalanan Sıvı: Kimyasal ve mekanik aşındırıcı olmayan akışkan.
İzin verilen maksimum kum miktarı = 50 g/m³
İzin verilen katı parçacık ölçüsü: Max 2mm

İmalat ve güvenlik standartları:

TS 11146:1993

TS EN 809:2000 98/37/EC

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TS EN ISO 12100-1:2007

TS EN ISO 12100-2:2006

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Operating range at 50 Hz: Q= 30 m³/h - 78 m³/h
Standard Outlet : 4" Inside Threaded 11 TPI (NPT : Optional)
Impeller type: Mixed flow
Rotation : CCW
Connection : According to NEMA Standard
Shaft Diameter : 22 mm

Minimum liquid level (NPSH) : 800 mm from bottom of suction grid
Maximum pump (Wet end) diameter - (Including cable guard): 149 mm

Liquid being pumped: Chemically and mechanically non aggressive.
Maximum allowable solid quantity = 50 g/m³
Solid dimension: Max 2mm

Construction and safety standards:

TS 11146:1993

TS EN 809:2000 98/37/EC

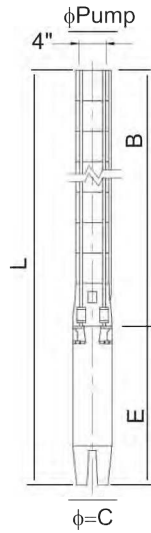
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TS EN ISO 12100-1:2007

TS EN ISO 12100-2:2006

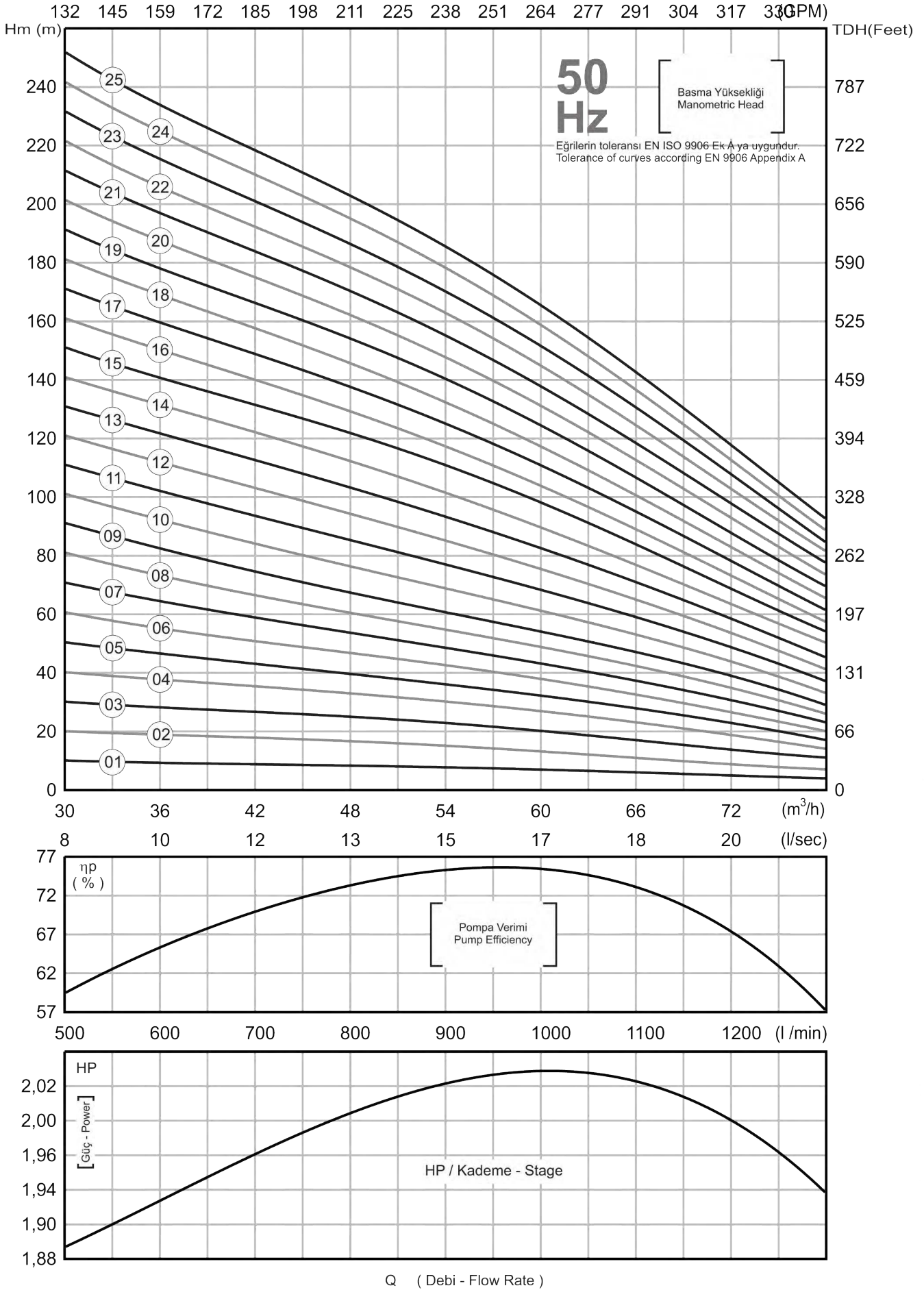
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POMPA TİPİ PUMP TYPE	MOTOR MOTEUR				ÖLÇÜLER / DIMENSIONS (mm)														AĞIRLIK / WEIGHT (kg)								
																			MOTOR			POMPA PUMP			TOPLAM TOTAL		
	4" HP	6" HP	8" HP	KW	L	L	L	E	E	E	B	B	B	ø = C	ø = C	ø = C	ø = C	ø = C	4"	6"	8"	6"-4"	6"-6"	6"-8"	6"-4"	6"-6"	6"-8"
ESS 660/01	2	-	-	1,5	817	-	-	432	-	-	385	-	-	93	-	-	149	4"	11	-	-	7	-	-	18	-	-
ESS 660/02	4	-	-	3	1079	-	-	581	-	-	498	-	-	93	-	-	149	4"	19	-	-	9	-	-	28	-	-
ESS 660/03	7,5	7,5	-	5,5	1351	1241	-	740	630	-	611	611	-	93	145	-	149	4"	25	46	-	12	12	-	37	58	-
ESS 660/04	10	10	-	7,5	1584	1374	-	860	650	-	724	724	-	93	145	-	149	4"	31	48	-	14	14	-	45	62	-
ESS 660/05	10	10	-	7,5	1697	1487	-	860	650	-	837	837	-	93	145	-	149	4"	31	48	-	16	16	-	47	64	-
ESS 660/06	-	12,5	-	9	-	1640	-	-	690	-	-	950	-	-	145	-	149	4"	-	50	-	-	18	-	-	68	-
ESS 660/07	-	15	-	11	-	1793	-	-	730	-	-	1063	-	-	145	-	149	4"	-	56	-	-	20	-	-	76	-
ESS 660/08	-	15	-	11	-	1906	-	-	730	-	-	1176	-	-	145	-	149	4"	-	56	-	-	22	-	-	78	-
ESS 660/09	-	17,5	-	13	-	2069	-	-	780	-	-	1289	-	-	145	-	149	4"	-	60	-	-	24	-	-	84	-
ESS 660/10	-	20	-	15	-	2232	-	-	830	-	-	1402	-	-	145	-	149	4"	-	66	-	-	26	-	-	92	-
ESS 660/11	-	25	-	18,5	-	2395	-	-	880	-	-	1515	-	-	145	-	149	4"	-	72	-	-	28	-	-	100	-
ESS 660/12	-	25	-	18,5	-	2508	-	-	880	-	-	1628	-	-	145	-	149	4"	-	72	-	-	30	-	-	102	-
ESS 660/13	-	25	-	18,5	-	2621	-	-	880	-	-	1741	-	-	145	-	149	4"	-	72	-	-	32	-	-	104	-
ESS 660/14	-	30	30	22	-	2834	2813	-	980	930	-	1854	1883	-	145	195	149	4"	-	82	121	-	34	37	-	116	158
ESS 660/15	-	30	30	22	-	2947	2926	-	980	930	-	1967	1996	-	145	195	149	4"	-	82	121	-	36	39	-	118	160
ESS 660/16	-	35	35	26	-	3110	3149	-	1030	1040	-	2080	2109	-	145	195	149	4"	-	88	140	-	38	41	-	126	181
ESS 660/17	-	35	35	26	-	3223	3262	-	1030	1040	-	2193	2222	-	145	195	149	4"	-	88	140	-	40	43	-	128	183
ESS 660/18	-	35	35	26	-	3336	3375	-	1030	1040	-	2306	2335	-	145	195	149	4"	-	88	140	-	42	45	-	130	185
ESS 660/19	-	40	40	30	-	3529	3488	-	1110	1040	-	2419	2448	-	145	195	149	4"	-	98	140	-	44	47	-	142	187
ESS 660/20	-	40	40	30	-	3658	3617	-	1110	1040	-	2548	2577	-	145	195	149	4"	-	98	140	-	47	50	-	145	190
ESS 660/21	-	40	40	30	-	3771	3730	-	1110	1040	-	2661	2690	-	145	195	149	4"	-	98	140	-	49	52	-	147	192
ESS 660/22	-	50	50	37	-	3964	3873	-	1190	1070	-	2774	2803	-	145	195	149	4"	-	106	146	-	51	54	-	157	200
ESS 660/23	-	50	50	37	-	4077	3986	-	1190	1070	-	2887	2916	-	145	195	149	4"	-	106	146	-	53	56	-	159	202
ESS 660/24	-	50	50	37	-	4190	4099	-	1190	1070	-	3000	3029	-	145	195	149	4"	-	106	146	-	55	58	-	161	204
ESS 660/25	-	50	50	37	-	4303	4212	-	1190	1070	-	3113	3142	-	145	195	149	4"	-	106	146	-	57	60	-	163	206

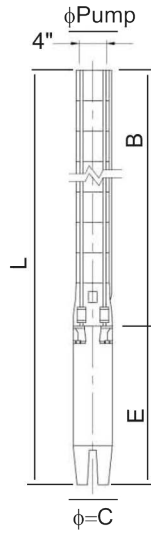
POMPA TİPİ PUMP TYPE	MOTOR MOTEUR				Basma Yüksekliği (Hm) Total Dynamic Head (TDH)	m ³ /h	0	30	36	42	48	54	60	66	72	78
						l / sec	0,00	8,33	10,00	11,67	13,33	15,00	16,67	18,33	20,00	21,67
						gpm	0	132	159	185	211	238	264	291	317	343
ESS 660/01	2	-	-	1,5		11	10	9	9	8	8	8	7	6	5	4
ESS 660/02	4	-	-	3		22	20	19	18	17	15	13	11	9	7	
ESS 660/03	7,5	7,5	-	5,5		33	30	28	27	25	23	20	17	14	11	
ESS 660/04	10	10	-	7,5		44	40	37	36	33	30	27	23	19	14	
ESS 660/05	10	10	-	7,5		52	51	47	43	40	36	32	28	23	17	
ESS 660/06	-	12,5	-	9		61	61	56	50	47	43	38	32	27	20	
ESS 660/07	-	15	-	11		70	71	65	58	54	49	43	37	31	23	
ESS 660/08	-	15	-	11		79	81	74	65	61	55	49	42	35	26	
ESS 660/09	-	17,5	-	13		88	91	84	73	68	61	54	47	39	29	
ESS 660/10	-	20	-	15		105	101	93	83	77	69	61	53	44	33	
ESS 660/11	-	25	-	18,5		123	111	102	93	86	77	68	59	49	37	
ESS 660/12	-	25	-	18,5		141	121	112	103	95	85	75	65	54	41	
ESS 660/13	-	25	-	18,5		158	131	121	113	104	93	82	71	59	45	
ESS 660/14	-	30	30	22		176	141	130	123	113	101	89	77	64	50	
ESS 660/15	-	30	30	22		194	152	140	133	122	109	100	83	69	54	
ESS 660/16	-	35	35	26		202	162	149	141	130	117	103	89	74	57	
ESS 660/17	-	35	35	26		210	172	158	150	138	125	110	95	79	61	
ESS 660/18	-	35	35	26		218	182	167	159	146	132	117	100	84	65	
ESS 660/19	-	40	40	30		226	192	177	167	155	140	124	106	89	69	
ESS 660/20	-	40	40	30		234	202	186	176	163	147	131	112	94	73	
ESS 660/21	-	40	40	30		242	212	195	185	171	155	137	118	99	77	
ESS 660/22	-	50	50	37		250	222	205	193	179	163	144	124	104	81	
ESS 660/23	-	50	50	37		259	232	214	202	187	170	151	130	109	84	
ESS 660/24	-	50	50	37		267	242	223	211	196	178	158	136	114	88	
ESS 660/25	-	50	50	37		275	253	233	219	204	185	165	142	119	92	

Hidrolik çalışma karakteristikleri 15°C'deki suyla ve 1 bar atmosferik basınç altında alınmıştır
The hydraulic working characteristics have been calculated with water at 15°C at the atmospheric pressure of 1 bar



50 Hz seçim aralığı: Q= 42 m ³ /sa - 96 m ³ /sa Standart Klepe Çıkışı : 4" İçten Pasolu 11 Diş (NPT : Özel istek) Fan tipi: Semiaksiyel Dönüş : Saat Yönü Ters Bağlantı : NEMA Standardına uygun Mil Çapı : 22 mm		
Minimum sıvı seviyesi: Emiş süzgecinin altından itibaren 800 mm. Maksimum pompa dış çapı (Kablo muhafazası ile birlikte): 149 mm		
Pompalanan Sıvı: Kimyasal ve mekanik aşındırıcı olmayan akışkan. İzin verilen maksimum kum miktarı = 50 g/m ³ İzin verilen katı parçacık ölçüsü: Max 2mm		
İmalat ve güvenlik standartları: TS 11146:1993 TS EN ISO 12100-1:2007		Tarih 01 / 2014 REV. 0
TS EN 809:2000 98/37/EC TS EN ISO 12100-2:2006		

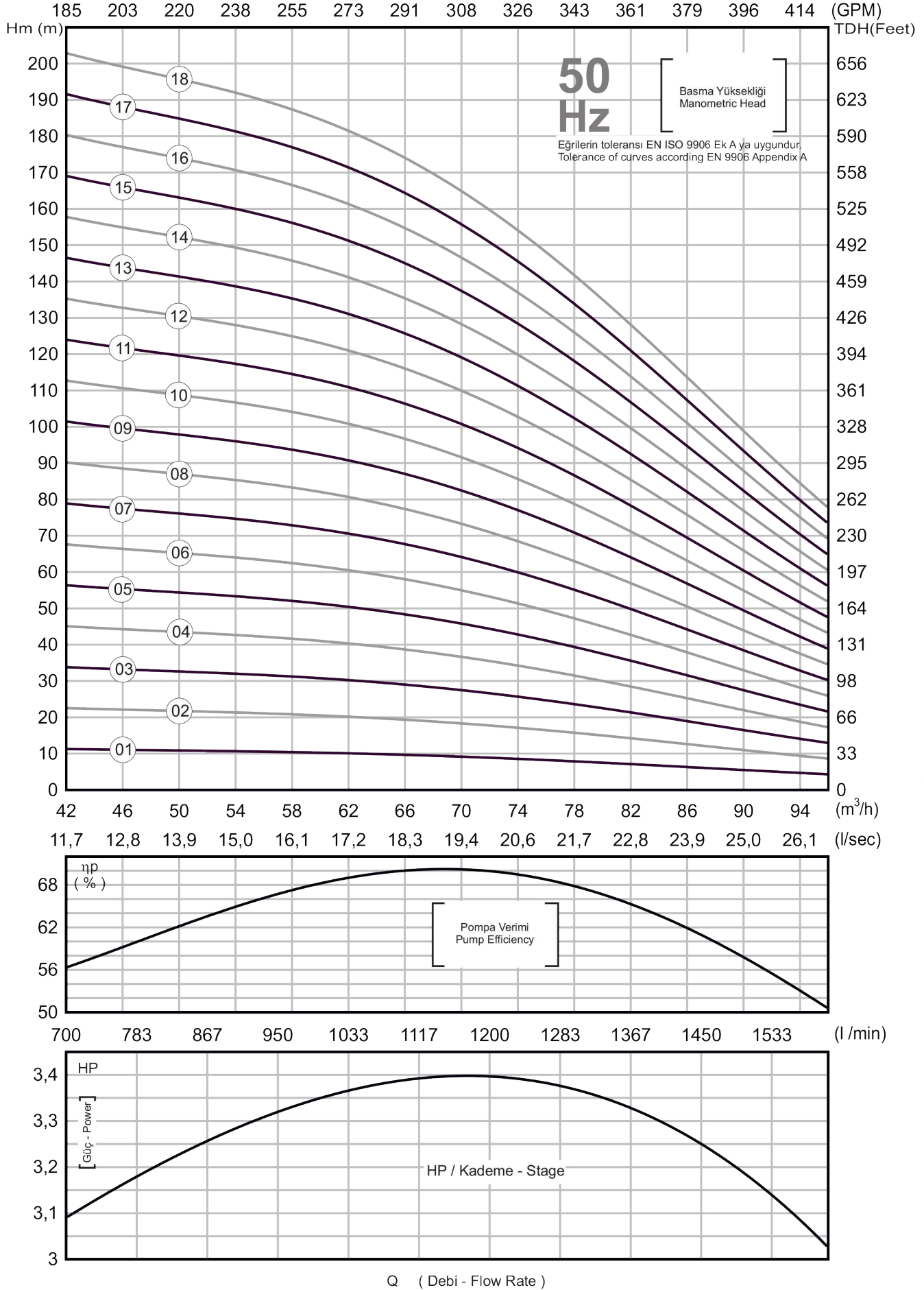
Operating range at 50 Hz: Q= 42 m ³ /h - 96 m ³ /h Standard Outlet : 4" Inside Threaded 11 TPI (NPT : Optional) Impeller type: Mixed flow Rotation : CCW Connection : According to NEMA Standard Shaft Diameter : 22 mm		
Minimum liquid level (NPSH) : 800 mm from bottom of suction grid Maximum pump (Wet end) diameter - (Including cable guard): 149 mm		
Liquid being pumped: Chemically and mechanically non aggressive. Maximum allowable solid quantity = 50 g/m ³ Solid dimension: Max 2mm		
Construction and safety standards: TS 11146:1993 TS EN ISO 12100-1:2007		Date 01 / 2014 REV. 0
TS EN 809:2000 98/37/EC TS EN ISO 12100-2:2006		



POMPA TİPİ PUMP TYPE	MOTOR MOTEUR				ÖLÇÜLER / DIMENSIONS (mm)														AĞIRLIK / WEIGHT (kg)								
					6"-4"	6"-6"	6"-8"	4"	6"	8"	4"	6"	8"	4"	6"	8"	4"	6"	8"	ø PUMP	ø D	MOTOR			POMPA PUMP		
	4"	6"	8"	L	L	L	E	E	E	B	B	B	ø = C	ø = C	ø = C	4"	6"	8"	6"-4"			6"-6"	6"-8"	6"-4"	6"-6"	6"-8"	
	HP	HP	HP	kW	L	L	L	E	E	E	B	B	B	ø = C	ø = C	ø = C	ø PUMP	ø D	4"	6"	8"	6"-4"	6"-6"	6"-8"	6"-4"	6"-6"	6"-8"
ESS 675/01	4	-	-	3	1020	-	-	581	-	-	439	-	-	93	-	-	149	4"	19	-	-	11	-	-	30	-	-
ESS 675/02	7,5	7,5	-	5,5	1320	1210	-	740	630	-	580	580	-	93	-	-	149	4"	25	46	-	14	14	-	39	60	-
ESS 675/03	10	10	-	7,5	731	1371	-	10	650	-	721	721	-	93	145	-	149	4"	31	48	-	17	17	-	48	65	-
ESS 675/04	-	15	-	11	-	1592	-	-	730	-	-	862	-	93	145	-	149	4"	-	56	-	-	20	-	-	76	-
ESS 675/05	-	17,5	-	13	-	1783	-	-	780	-	-	1003	-	93	145	-	149	4"	-	60	-	-	23	-	-	83	-
ESS 675/06	-	20	-	15	-	1974	-	-	830	-	-	1144	-	-	145	-	149	4"	-	66	-	-	26	-	-	92	-
ESS 675/07	-	25	-	18,5	-	2165	-	-	880	-	-	1285	-	-	145	-	149	4"	-	72	-	-	29	-	-	101	-
ESS 675/08	-	25	-	18,5	-	2306	-	-	880	-	-	1426	-	-	145	-	149	4"	-	72	-	-	32	-	-	104	-
ESS 675/09	-	30	30	22	-	2547	2526	-	980	930	-	1567	1596	-	145	-	149	4"	-	82	121	-	35	38	-	117	159
ESS 675/10	-	35	35	25	-	2738	2777	-	1030	1040	-	1708	1737	-	145	-	149	4"	-	88	140	-	38	41	-	126	181
ESS 675/11	-	40	40	30	-	2959	2918	-	1110	1040	-	1849	1878	-	145	-	149	4"	-	98	140	-	41	44	-	139	184
ESS 675/12	-	40	40	30	-	3100	3059	-	1110	1040	-	1990	2019	-	145	-	149	4"	-	98	140	-	44	47	-	142	187
ESS 675/13	-	50	50	37	-	3321	3230	-	1190	1070	-	2131	2160	-	145	-	149	4"	-	106	146	-	47	50	-	153	196
ESS 675/14	-	50	50	37	-	3462	3371	-	1190	1070	-	2272	2301	-	145	195	149	4"	-	106	146	-	50	53	-	156	199
ESS 675/15	-	50	50	37	-	3603	3512	-	1190	1070	-	2413	2442	-	145	195	149	4"	-	106	146	-	54	57	-	160	203
ESS 675/16	-	60	60	45	-	3824	3713	-	1270	1130	-	2554	2583	-	145	195	149	4"	-	116	158	-	57	60	-	173	218
ESS 675/17	-	60	60	45	-	3965	3854	-	1270	1130	-	2695	2724	-	145	195	149	4"	-	116	158	-	60	63	-	176	221
ESS 675/18	-	60	60	45	-	4106	3995	-	1270	1130	-	2836	2865	-	145	195	149	4"	-	116	158	-	63	66	-	179	224

POMPA TİPİ PUMP TYPE	MOTOR MOTEUR				m ³ /h	0	42	54	64	70	75	80	84	90	96	
	4" HP	6" HP	8" HP	kW		l / sec	0,00	11,67	15,00	17,78	19,44	20,83	22,22	23,33	25,00	26,67
						gpm	0	185	238	282	308	330	352	370	396	423
ESS 675/01	4	-	-	3	Basma Yüksekliği (Hm) Total Dynamic Head (TDH)	16	11	11	10	9	8	7	7	6	4	
ESS 675/02	7,5	7,5	-	5,5		32	23	21	20	19	17	15	13	11	9	
ESS 675/03	10	10	-	7,5		49	34	32	30	28	25	22	20	17	13	
ESS 675/04	-	15	-	11		65	45	43	40	37	33	30	27	22	17	
ESS 675/05	-	17,5	-	13		81	56	53	49	47	41	37	34	28	21	
ESS 675/06	-	20	-	15		97	68	64	59	56	50	45	40	33	26	
ESS 675/07	-	25	-	18,5		113	79	74	69	65	58	52	47	39	30	
ESS 675/08	-	25	-	18,5		130	90	85	79	74	66	60	54	45	34	
ESS 675/09	-	30	30	22		146	102	96	89	84	75	67	60	50	39	
ESS 675/10	-	35	35	25		162	113	106	99	93	83	74	67	56	43	
ESS 675/11	-	40	40	30		178	124	117	109	102	91	82	74	61	47	
ESS 675/12	-	40	40	30		194	135	128	119	112	99	89	81	67	51	
ESS 675/13	-	50	50	37		210	147	138	128	121	108	97	87	72	56	
ESS 675/14	-	50	50	37		227	158	149	138	130	116	104	94	78	60	
ESS 675/15	-	50	50	37		243	169	160	148	140	124	112	101	84	64	
ESS 675/16	-	60	60	45		259	180	170	158	149	133	119	107	89	69	
ESS 675/17	-	60	60	45		275	192	181	168	158	141	127	114	95	73	
ESS 675/18	-	60	60	45		291	203	191	178	167	149	134	121	100	77	

Hidrolik çalışma karakteristikleri 15°C deki suyla ve 1 bar atmosferik basınç altında alınmıştır
The hydraulic working characteristics have been calculated with water at 15°C at the atmospheric pressure of 1 bar



Performans eğrileri kinematik viskozite $\nu = 1 \text{ mm}^2/\text{s}$ ve yoğunluk $\rho = 1000 \text{ kg/m}^3$ temel alınarak oluşturulmuştur
Performance curves are based on the kinematic viscosity $\nu = 1 \text{ mm}^2/\text{s}$ and density $\rho = 1000 \text{ kg/m}^3$

50 Hz seçim aralığı: Q= 60 m³/sa - 104 m³/sa
Standart Klepe Çıkışı : 5" İçten Pasolu 11 Diş (NPT : Özel istek)
Fan tipi: Semiaksiyel
Dönüş : Saat Yönü Ters
Bağlantı : NEMA Standardına uygun
Mil Çapı : 25 mm

Minimum sıvı seviyesi: Emiş süzgecinin altından itibaren 1200 mm.
Maksimum pompa dış çapı (Kablo muhafazası ile birlikte): 182 mm

Pompa Sıvı: Kimyasal ve mekanik aşındırıcı olmayan akışkan.
İzin verilen maksimum kum miktarı = 50 g/m³
İzin verilen katı parçacık ölçüsü: Max 2mm

İmalat ve güvenlik standartları:
TS 11146:1993 TS EN 809:2000 98/37/EC
TS EN ISO 12100-1:2007 TS EN ISO 12100-2:2006

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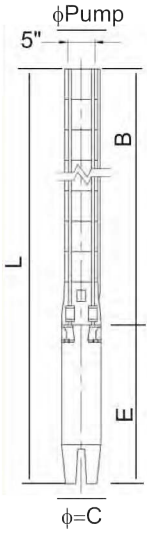
Operating range at 50 Hz: Q= 60 m³/h - 104 m³/h
Standard Outlet : 5" Inside Threaded 11 TPI (NPT : Optional)
Impeller type: Mixed flow
Rotation : CCW
Connection : According to NEMA Standard
Shaft Diameter : 25 mm

Minimum liquid level (NPSH) : 1200 mm from bottom of suction grid
Maximum pump (Wet end) diameter - (Including cable guard): 182 mm

Liquid being pumped: Chemically and mechanically non aggressive.
Maximum allowable solid quantity = 50 g/m³
Solid dimension: Max 2mm

Construction and safety standards:
TS 11146:1993 TS EN 809:2000 98/37/EC
TS EN ISO 12100-1:2007 TS EN ISO 12100-2:2006

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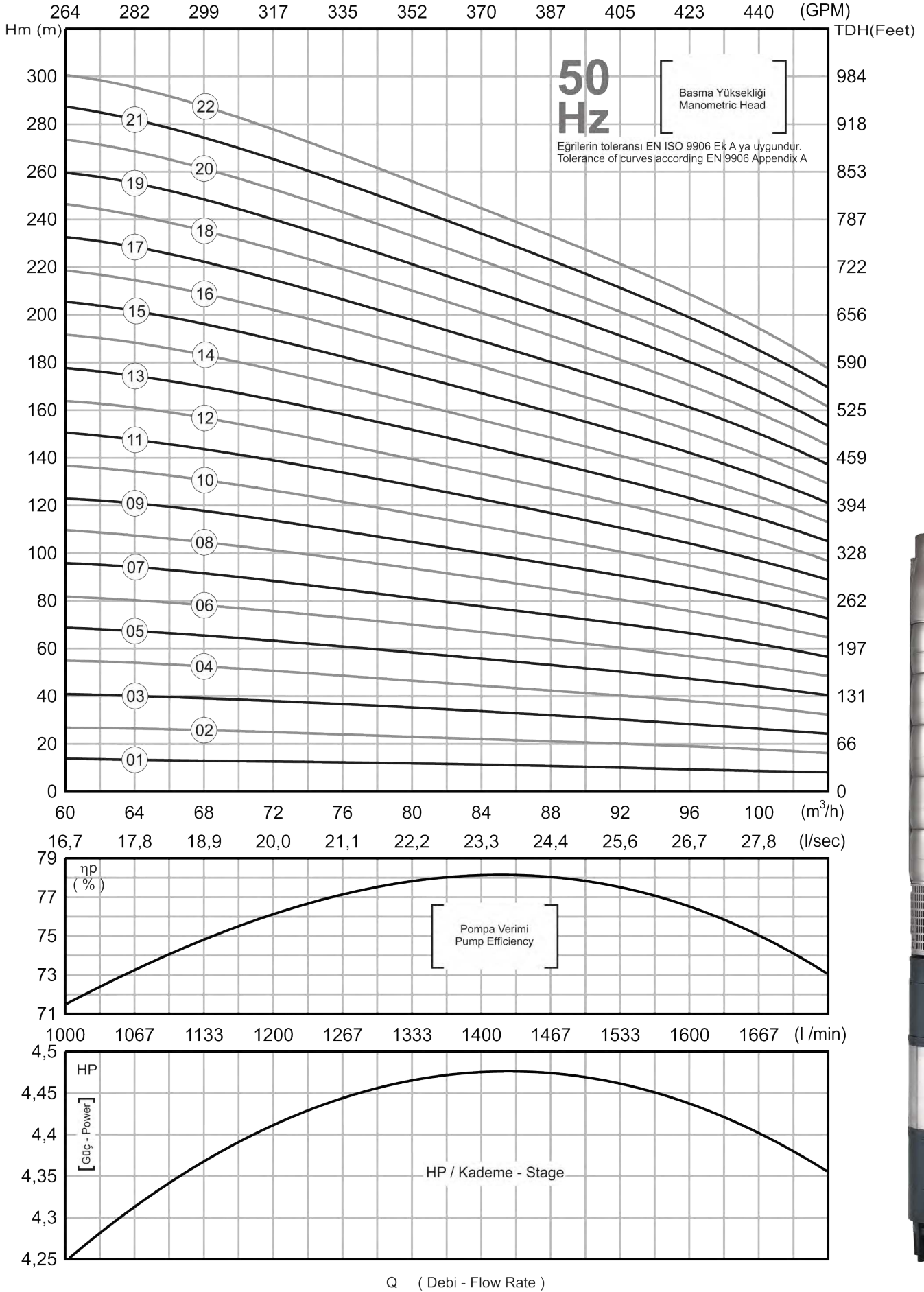


POMPA TİPİ PUMP TYPE	MOTOR MOTEUR			ÖLÇÜLER / DIMENSIONS (mm)												AĞIRLIK / WEIGHT (kg)					
				8"-6"	8"-8"	6"	8"	8"-6"	8"-8"	6"	8"	8"-6"	8"-8"	ø D	MOTOR		POMPA PUMP		TOPLAM TOTAL		
	6" HP	8" HP	kW	L	L	E	E	B	B	ø = C	ø = C	ø PUMP	ø PUMP		6"	8"	8"-6"	8"-8"	8"-6"	8"-8"	
	ESS 872/01	5,5	-	4	1200	-	630	-	570	-	145	-	174		-	5"	46	-	22	-	68
ESS 872/02	10	-	7,5	1348	-	650	-	698	-	145	-	174	-	5"	48	-	25	-	73	-	
ESS 872/03	15	-	11	1556	-	730	-	826	-	145	-	174	-	5"	56	-	29	-	85	-	
ESS 872/04	17,5	-	13	1734	-	780	-	954	-	145	-	174	-	5"	60	-	32	-	92	-	
ESS 872/05	25	-	18,5	1962	-	880	-	1082	-	145	-	174	-	5"	72	-	35	-	107	-	
ESS 872/06	30	30	22	2190	2151	980	930	1210	1221	145	195	174	182	5"	82	121	39	40	121	161	
ESS 872/07	35	35	26	2368	2389	1030	1040	1338	1349	145	195	174	182	5"	88	140	42	44	130	184	
ESS 872/08	35	35	26	2496	2517	1030	1040	1466	1477	145	195	174	182	5"	88	140	45	48	133	188	
ESS 872/09	40	40	30	2704	2645	1110	1040	1594	1605	145	195	174	182	5"	98	140	49	52	147	192	
ESS 872/10	50	50	37	2912	2803	1190	1070	1722	1733	145	195	174	182	5"	106	146	52	55	158	201	
ESS 872/11	50	50	37	3040	2931	1190	1070	1850	1861	145	195	174	182	5"	106	146	56	59	162	205	
ESS 872/12	60	60	45	3248	3119	1270	1130	1978	1989	145	195	174	182	5"	116	158	59	63	175	221	
ESS 872/13	60	60	45	3376	3247	1270	1130	2106	2117	145	195	174	182	5"	116	158	62	67	178	225	
ESS 872/14	-	70	52	-	3455	-	1210	-	2245	-	195	-	182	5"	-	177	-	71	-	248	
ESS 872/15	-	70	52	-	3583	-	1210	-	2373	-	195	-	182	5"	-	177	-	75	-	252	
ESS 872/16	-	75	55	-	3751	-	1250	-	2501	-	195	-	182	5"	-	184	-	79	-	263	
ESS 872/17	-	75	55	-	3879	-	1250	-	2629	-	195	-	182	5"	-	184	-	83	-	267	
ESS 872/18	-	80	59	-	4037	-	1280	-	2757	-	195	-	182	5"	-	190	-	87	-	277	
ESS 872/19	-	90	66	-	4250	-	1365	-	2885	-	195	-	182	5"	-	204	-	91	-	295	
ESS 872/20	-	90	66	-	4378	-	1365	-	3013	-	195	-	182	5"	-	204	-	95	-	299	
ESS 872/21	-	100	75	-	4571	-	1430	-	3141	-	195	-	182	5"	-	218	-	98	-	316	
ESS 872/22	-	100	75	-	4699	-	1430	-	3269	-	195	-	182	5"	-	218	-	102	-	320	

POMPA TİPİ PUMP TYPE	MOTOR MOTEUR			m ³ /h	0	60	64	68	72	76	80	84	88	92	96	100	104
	6" HP	8" HP	kW	l / sec	0,00	16,67	17,78	18,89	20,00	21,11	22,22	23,33	24,44	25,56	26,67	27,78	28,89
				gpm	0	264	282	299	317	335	352	370	387	405	423	440	458
ESS 872/01	5,5	-	4	Basma Yüksekliği (Hm) Total Dynamic Head (TDH)	19	14	13	13	13	12	12	11	11	10	9	9	8
ESS 872/02	10	-	7,5		36	27	26	26	25	24	23	22	21	20	19	18	16
ESS 872/03	15	-	11		55	41	40	39	38	37	35	34	32	30	28	27	24
ESS 872/04	17,5	-	13		72	55	54	52	51	49	46	45	42	40	38	36	32
ESS 872/05	25	-	18,5		92	69	67	65	64	61	58	56	53	50	47	45	40
ESS 872/06	30	30	22		110	82	80	78	76	73	70	67	64	60	56	54	48
ESS 872/07	35	35	26		129	96	94	91	89	85	81	78	74	70	66	63	56
ESS 872/08	35	35	26		148	110	107	104	102	98	93	90	85	80	75	72	64
ESS 872/09	40	40	30		165	123	121	117	114	110	104	101	95	90	85	81	72
ESS 872/10	50	50	37		184	137	134	130	127	122	116	112	106	100	94	90	80
ESS 872/11	50	50	37		203	151	147	143	140	134	128	123	117	110	103	99	88
ESS 872/12	60	60	45		220	164	161	156	152	146	139	134	127	120	113	108	96
ESS 872/13	60	60	45		233	178	174	169	165	159	151	146	138	130	122	117	104
ESS 872/14	-	70	52		247	192	188	182	178	171	162	157	148	140	132	126	112
ESS 872/15	-	70	52		265	206	201	195	191	183	174	168	159	150	141	135	120
ESS 872/16	-	75	55		294	219	214	208	203	195	186	179	170	160	150	144	128
ESS 872/17	-	75	55		313	233	228	221	216	207	197	190	180	170	160	153	136
ESS 872/18	-	80	59		332	247	241	234	229	220	209	202	191	180	169	162	144
ESS 872/19	-	90	66		349	260	255	247	241	232	220	213	201	190	179	171	152
ESS 872/20	-	90	66		368	274	268	260	254	244	232	224	212	200	188	180	160
ESS 872/21	-	100	75		387	288	281	273	267	256	244	235	223	210	197	189	168
ESS 872/22	-	100	75		406	301	295	286	279	268	255	246	233	220	207	198	176

50 HZ

Hidrolik çalışma karakteristikleri 15°C'deki suyla ve 1 bar atmosferik basınç altında alınmıştır
The hydraulic working characteristics have been calculated with water at 15°C at the atmospheric pressure of 1 bar



50 Hz seçim aralığı: Q= 68 m³/sa - 112 m³/sa
Standart Klepe Çıkışı : 5" İçten Pasolu 11 Diş (NPT : Özel istek)
Fan tipi: Semiaksiyel
Dönüş : Saat Yönü Ters
Bağlantı : NEMA Standardına uygun
Mil Çapı : 25 mm

Minimum sıvı seviyesi: Emiş süzgecinin altından itibaren 1200 mm.
Maksimum pompa dış çapı (Kablo muhafazası ile birlikte): 182 mm

Pompananan Sıvı: Kimyasal ve mekanik aşındırıcı olmayan akışkan.
İzin veren maksimum kum miktarı = 50 g/m³
İzin verilen katı parçacık ölçüsü: Max 2mm

İmalat ve güvenlik standartları:

TS 11146:1993

TS EN 809:2000 98/37/EC

TS EN ISO 12100-1:2007

TS EN ISO 12100-2:2006

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Operating range at 50 Hz: Q= 68 m³/h - 112 m³/h
Standard Outlet : 5" Inside Threaded 11 TPI (NPT : Optional)
Impeller type: Mixed flow
Rotation : CCW
Connection : According to NEMA Standard
Shaft Diameter : 25 mm

Minimum liquid level (NPSH) : 1200 mm from bottom of suction grid
Maximum pump (Wet end) diameter - (Including cable guard): 182 mm

Liquid being pumped: Chemically and mechanically non aggressive.
Maximum allowable solid quantity = 50 g/m³
Solid dimension: Max 2mm

Construction and safety standards:

TS 11146:1993

TS EN 809:2000 98/37/EC

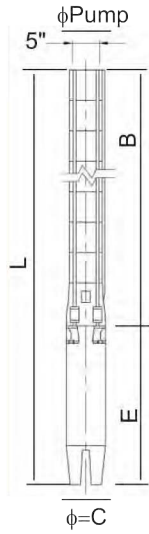
TS EN ISO 12100-1:2007

TS EN ISO 12100-2:2006

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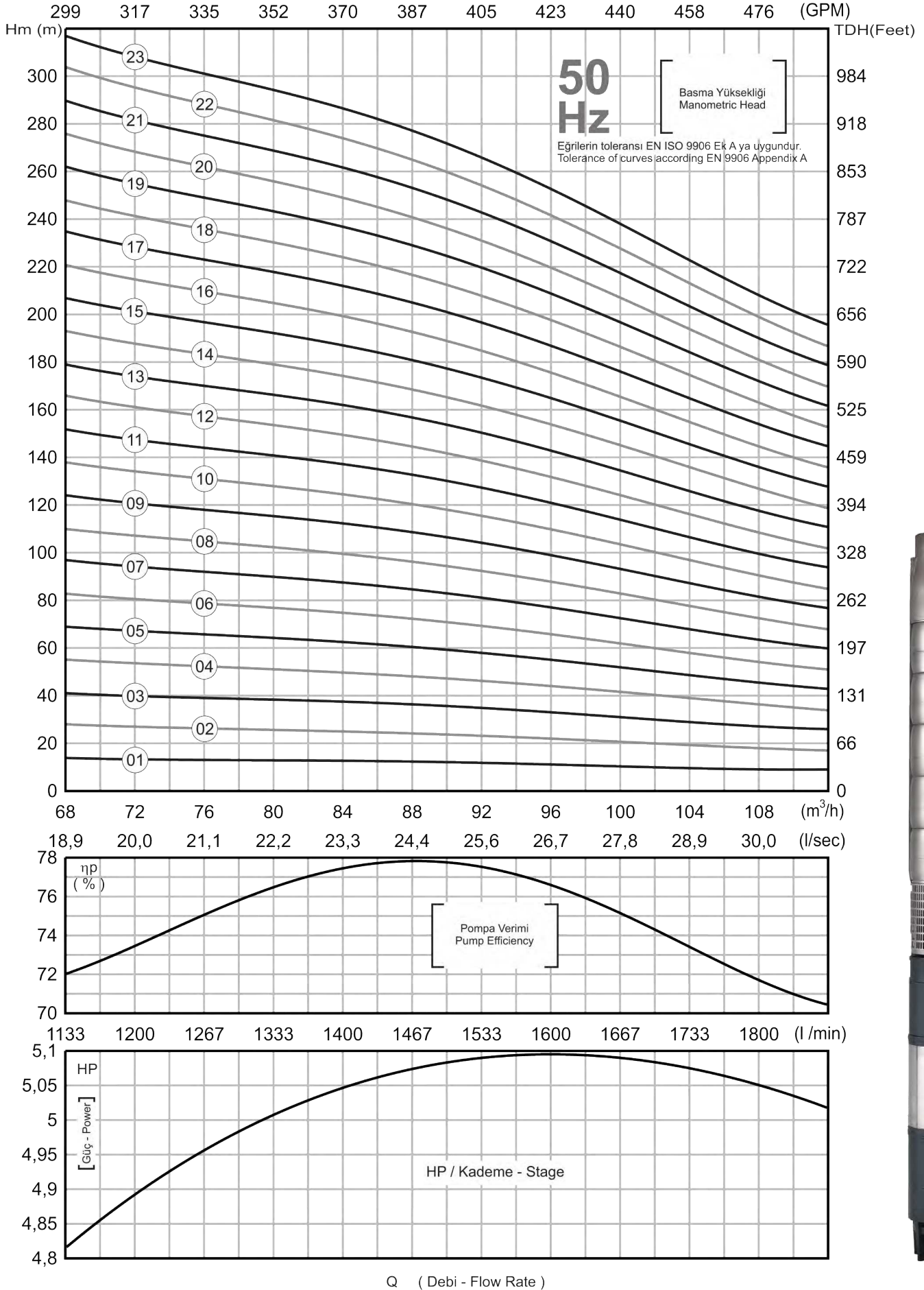
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POMPA TİPİ PUMP TYPE	MOTOR MOTEUR			ÖLÇÜLER / DIMENSIONS (mm)												AĞIRLIK / WEIGHT (kg)					
	6" HP	8" HP	kW	L	L	E	E	B	B	ø = C	ø = C	ø PUMP	ø PUMP	ø D		MOTOR		POMPA PUMP		TOPLAM TOTAL	
																6"	8"	8"-6"	8"-8"	8"-6"	8"-8"
ESS 896/01	5,5	-	4	1200	-	630	-	570	-	145	-	174	-	5"	46	-	22	-	68	-	-
ESS 896/02	10	-	7,5	1348	-	650	-	698	-	145	-	174	-	5"	48	-	25	-	73	-	-
ESS 896/03	15	-	11	1556	-	730	-	826	-	145	-	174	-	5"	56	-	29	-	85	-	-
ESS 896/04	20	-	15	1784	-	830	-	954	-	145	-	174	-	5"	60	-	32	-	92	-	-
ESS 896/05	25	-	18,5	1962	-	880	-	1082	-	145	-	174	-	5"	72	-	35	-	107	-	-
ESS 896/06	30	30	22	2190	2151	980	930	1210	1221	145	195	174	182	5"	82	121	38	40	120	161	-
ESS 896/07	35	35	26	2368	2389	1030	1040	1338	1349	145	195	174	182	5"	88	140	41	42	129	182	-
ESS 896/08	40	40	30	2576	2517	1110	1040	1466	1477	145	195	174	182	5"	98	140	44	45	142	185	-
ESS 896/09	50	50	37	2784	2675	1190	1070	1594	1605	145	195	174	182	5"	106	146	47	47	153	193	-
ESS 896/10	50	50	37	2912	2803	1190	1070	1722	1733	145	195	174	182	5"	106	146	50	50	156	196	-
ESS 896/11	60	60	45	3120	2991	1270	1130	1850	1861	145	195	174	182	5"	116	158	53	53	169	211	-
ESS 896/12	60	60	45	3248	3119	1270	1130	1978	1989	145	195	174	182	5"	116	158	56	55	172	213	-
ESS 896/13	-	70	52	-	3327	-	1210	-	2117	-	195	-	182	5"	-	177	-	58	-	235	-
ESS 896/14	-	70	52	-	3455	-	1210	-	2245	-	195	-	182	5"	-	177	-	60	-	237	-
ESS 896/15	-	75	55	-	3623	-	1250	-	2373	-	195	-	182	5"	-	184	-	63	-	247	-
ESS 896/16	-	80	59	-	3781	-	1280	-	2501	-	195	-	182	5"	-	190	-	65	-	255	-
ESS 896/17	-	90	66	-	3994	-	1365	-	2629	-	195	-	182	5"	-	204	-	68	-	272	-
ESS 896/18	-	90	66	-	4122	-	1365	-	2757	-	195	-	182	5"	-	204	-	70	-	274	-
ESS 896/19	-	100	75	-	4315	-	1430	-	2885	-	195	-	182	5"	-	218	-	73	-	291	-
ESS 896/20	-	100	75	-	4443	-	1430	-	3013	-	195	-	182	5"	-	218	-	75	-	293	-
ESS 896/21	-	110	81	-	4641	-	1500	-	3141	-	195	-	182	5"	-	230	-	78	-	308	-
ESS 896/22	-	110	81	-	4769	-	1500	-	3269	-	195	-	182	5"	-	230	-	81	-	311	-
ESS 896/23	-	125	92	-	5017	-	1620	-	3397	-	195	-	182	5"	-	252	-	83	-	335	-

POMPA TİPİ PUMP TYPE	MOTOR MOTEUR			m ³ /h	0	68	72	76	80	84	88	92	96	100	104	108	112
	6" HP	8" HP	kW	l / sec	0,00	18,89	20,00	21,11	22,22	23,33	24,44	25,56	26,67	27,78	28,89	30,00	31,11
				gpm	0	299	317	335	352	370	387	405	423	440	458	476	493
ESS 896/01	5,5	-	4	Basma Yüksekliği (Hm) Total Dynamic Head (TDH)	16	14	13	13	13	13	12	12	11	10	10	9	9
ESS 896/02	10	-	7,5		33	28	27	26	26	25	24	23	22	21	19	18	17
ESS 896/03	15	-	11		50	41	40	39	38	38	36	35	33	31	29	27	26
ESS 896/04	20	-	15		67	55	54	52	51	50	48	46	44	42	39	36	34
ESS 896/05	25	-	18,5		84	69	67	66	64	63	60	58	55	52	49	45	43
ESS 896/06	30	30	22		100	83	80	79	77	75	72	69	66	62	58	54	51
ESS 896/07	35	35	26		117	97	94	92	90	88	84	81	77	73	68	63	60
ESS 896/08	40	40	30		134	110	107	105	102	100	96	92	88	83	78	72	68
ESS 896/09	50	50	37		151	124	121	118	115	113	108	104	99	94	87	81	77
ESS 896/10	50	50	37		160	138	134	131	128	125	120	115	110	104	97	90	85
ESS 896/11	60	60	45		184	152	147	144	141	138	132	127	121	114	107	99	94
ESS 896/12	60	60	45		201	166	161	157	154	150	144	138	132	125	116	108	102
ESS 896/13	-	70	52		218	179	174	170	166	163	156	150	143	135	126	117	111
ESS 896/14	-	70	52		225	193	188	183	179	175	168	161	154	146	136	126	119
ESS 896/15	-	75	55		242	207	201	197	192	188	180	173	165	156	146	135	128
ESS 896/16	-	80	59		257	221	214	210	205	200	192	184	176	166	155	144	136
ESS 896/17	-	90	66		274	235	228	223	218	213	204	196	187	177	165	153	145
ESS 896/18	-	90	66		302	248	241	236	230	225	216	207	198	187	175	162	153
ESS 896/19	-	100	75		319	262	255	249	243	238	228	219	209	198	184	171	162
ESS 896/20	-	100	75		336	276	268	262	256	250	240	230	220	208	194	180	170
ESS 896/21	-	110	81		352	290	281	275	269	263	252	242	231	218	204	189	179
ESS 896/22	-	110	81		369	304	295	288	282	275	264	253	242	229	213	198	187
ESS 896/23	-	125	92		386	317	308	301	294	288	276	265	253	239	223	207	196

Hidrolik çalışma karakteristikleri 15°C'deki suyla ve 1 bar atmosferik basınç altında alınmıştır
The hydraulic working characteristics have been calculated with water at 15°C at the atmospheric pressure of 1 bar



50 Hz seçim aralığı: Q= 78 m³/sa - 138 m³/sa
Standart Klepe Çıkışı : 6" İçten Pasolu 11 Diş (NPT : Özel istek)
Fan tipi: Semiaksiyel
Dönüş : Saat Yönü Tersi
Bağlantı : NEMA Standardına uygun
Mil Çapı : 32 mm

Minimum sıvı seviyesi: Emiş süzgecinin altından itibaren 1200 mm.
Maksimum pompa dış çapı (Kablo muhafazası ile birlikte): 208 mm

Pompananan Sıvı: Kimyasal ve mekanik aşındırıcı olmayan akışkan.
İzin verilen maksimum kum miktarı = 50 g/m³
İzin verilen katı parçacık ölçüsü: Max 2mm

İmalat ve güvenlik standartları:

TS 11146:1993

TS EN 809:2000 98/37/EC

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TS EN ISO 12100-1:2007

TS EN ISO 12100-2:2006

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Operating range at 50 Hz: Q= 78 m³/h - 138 m³/h
Standard Outlet : 6" Inside Threaded 11 TPI (NPT : Optional)
Impeller type: Mixed flow
Rotation : CCW
Connection : According to NEMA Standard
Shaft Diameter : 32 mm

Minimum liquid level (NPSH) : 1200 mm from bottom of suction grid
Maximum pump (Wet end) diameter - (Including cable guard): 208 mm

Liquid being pumped: Chemically and mechanically non aggressive.
Maximum allowable solid quantity = 50 g/m³
Solid dimension: Max 2mm

Construction and safety standards:

TS 11146:1993

TS EN 809:2000 98/37/EC

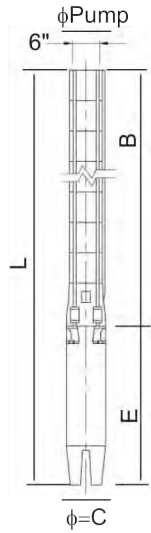
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TS EN ISO 12100-1:2007

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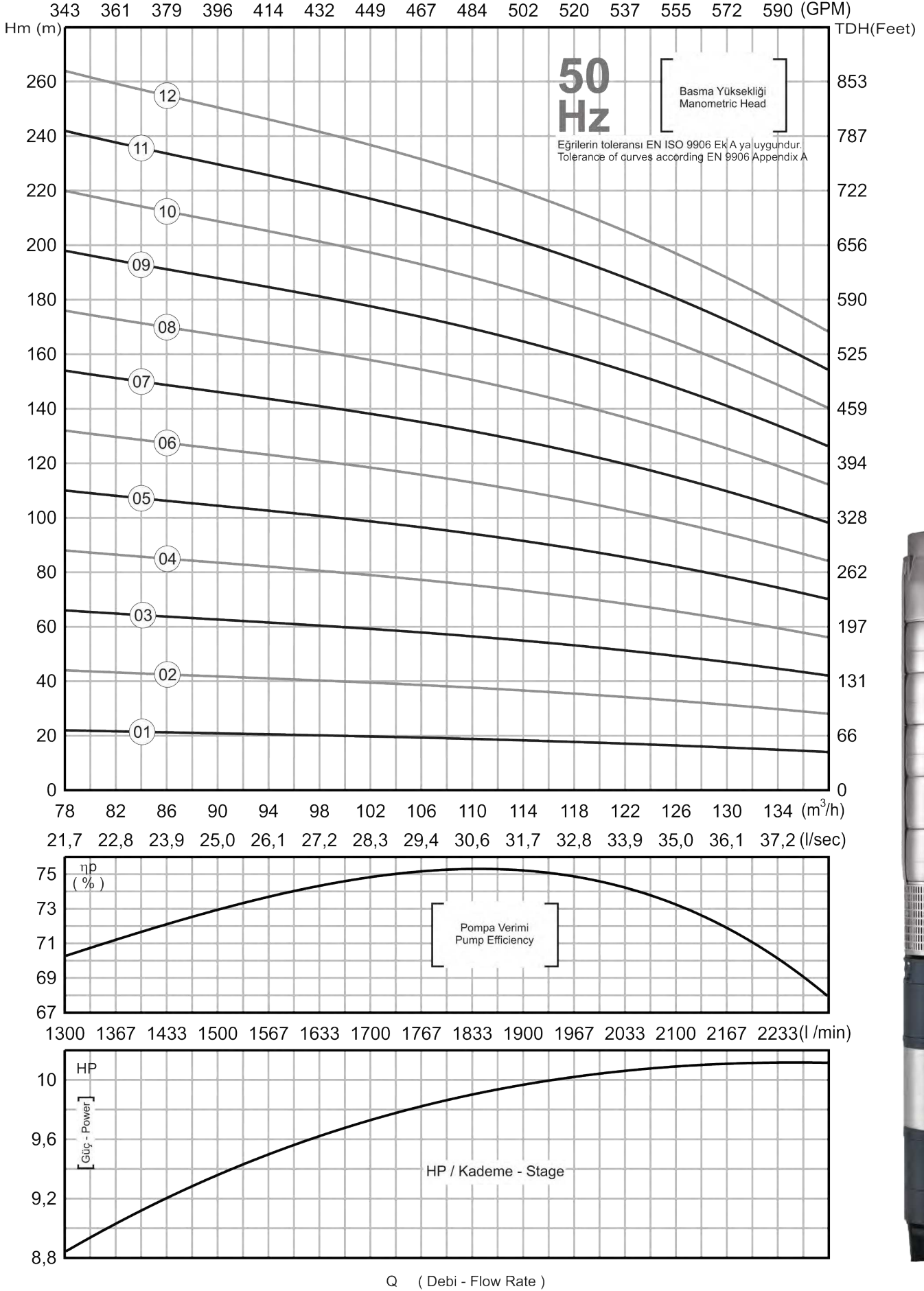
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POMPA TİPİ PUMP TYPE	MOTOR MOTEUR			ÖLÇÜLER / DIMENSIONS (mm)										AĞIRLIK / WEIGHT (kg)					
	6" HP	8" HP	kW	L	L	E	E	B	B	ø = C	ø = C	ø PUMP	ø D	MOTOR		POMPA PUMP		TOPLAM TOTAL	
														6"	8"	10"-6"	10"-8"	10"-6"	10"-8"
ESS 10108/01	10	-	7,5	1258	-	650	-	608	-	145	-	208	6"	48	-	30	-	78	-
ESS 10108/02	20	-	15	1594	-	830	-	764	-	145	-	208	6"	66	-	36	-	102	-
ESS 10108/03	30	30	22	1900	1850	980	930	920	920	145	195	208	6"	82	121	42	43	124	164
ESS 10108/04	40	40	30	2186	2116	1110	1040	1076	1076	145	195	208	6"	98	140	48	50	146	190
ESS 10108/05	50	50	37	2422	2302	1190	1070	1232	1232	145	195	208	6"	106	146	55	55	161	201
ESS 10108/06	60	60	45	2658	2518	1270	1130	1388	1388	145	195	208	6"	116	158	61	62	177	220
ESS 10108/07	-	70	52	-	2754	-	1210	-	1544	-	195	208	6"	-	177	-	68	-	245
ESS 10108/08	-	80	59	-	2980	-	1280	-	1700	-	195	208	6"	-	190	-	74	-	264
ESS 10108/09	-	90	66	-	3221	-	1365	-	1856	-	195	208	6"	-	204	-	80	-	284
ESS 10108/10	-	100	75	-	3442	-	1430	-	2012	-	195	208	6"	-	218	-	86	-	304
ESS 10108/11	-	110	81	-	3668	-	1500	-	2168	-	195	208	6"	-	230	-	92	-	322
ESS 10108/12	-	125	92	-	3944	-	1620	-	2324	-	195	208	6"	-	252	-	98	-	350

POMPA TİPİ PUMP TYPE	MOTOR MOTEUR			m ³ /h	0	78	84	90	96	102	108	114	120	126	132	138	
	6" HP	8" HP	kW		l / sec	0,00	21,7	23,3	25,0	26,7	28,3	30,0	31,7	33,3	35,0	36,7	38,3
					gpm	0	343	370	396	423	449	476	502	528	555	581	608
ESS 10108/01	10	-	7,5	Basma Yüksekliği (Hm) Total Dynamic Head (TDH)	29	22	21	21	20	20	19	18	17	16	15	14	
ESS 10108/02	20	-	15		58	44	43	42	41	40	38	36	35	33	31	28	
ESS 10108/03	30	30	22		87	66	64	63	61	59	57	55	52	49	46	42	
ESS 10108/04	40	40	30		115	88	86	84	81	79	76	73	69	66	61	56	
ESS 10108/05	50	50	37		146	110	107	104	101	99	96	91	87	82	76	70	
ESS 10108/06	60	60	45		174	132	128	125	122	119	115	109	104	99	92	84	
ESS 10108/07	-	70	52		202	154	150	146	142	139	134	127	122	115	107	98	
ESS 10108/08	-	80	59		230	176	171	167	162	158	153	146	139	132	122	112	
ESS 10108/09	-	90	66		258	198	192	188	183	178	172	164	156	148	138	126	
ESS 10108/10	-	100	75		287	220	214	209	203	198	191	182	174	165	153	140	
ESS 10108/11	-	110	81		315	242	235	230	223	218	210	200	191	181	168	154	
ESS 10108/12	-	125	92		342	264	257	251	244	237	229	218	208	198	183	168	

Hidrolik çalışma karakteristikleri 15°C'deki suyla ve 1 bar atmosferik basınç altında alınmıştır
The hydraulic working characteristics have been calculated with water at 15°C at the atmospheric pressure of 1 bar



50 Hz seçim aralığı: Q= 80 m³/ sa - 150 m³/ sa
 Standart Klepe Çıkışı : 6" İçten Pasolu 11 Diş (NPT : Özel istek)
 Fan tipi: Semiaksiyel
 Dönüş : Saat Yönü Ters
 Bağlantı : NEMA Standardına uygun
 Mil Çapı : 32 mm

Minimum sıvı seviyesi: Emiş süzgecinin altından itibaren 1200 mm.
 Maksimum pompa dış çapı (Kablo muhafazası ile birlikte): 208 mm

Pompalanan Sıvı: Kimyasal ve mekanik aşındırıcı olmayan akışkan.
 İzin veren maksimum kum miktarı = 50 g/m³
 İzin verilen katı parçacık ölçüsü: Max 2mm

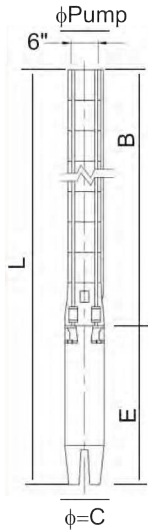
İmalat ve güvenlik standartları:
 TS 11146:1993 TS EN 809:2000 98/37/EC 01 / 2013
 TS EN ISO 12100-1:2007 TS EN ISO 12100-2:2006 REV. 0

Operating range at 50 Hz: Q= 80 m³/ h - 150 m³/ h
 Standard Outlet : 6" Inside Threaded 11 TPI (NPT : Optional)
 Impeller type: Mixed flow
 Rotation : CCW
 Connection : According to NEMA Standard
 Shaft Diameter : 32 mm

Minimum liquid level (NPSH) : 1200 mm from bottom of suction grid
 Maximum pump (Wet end) diameter - (Including cable guard): 208 mm

Liquid being pumped: Chemically and mechanically non aggressive.
 Maximum allowable solid quantity = 50 g/m³
 Solid dimension: Max 2mm

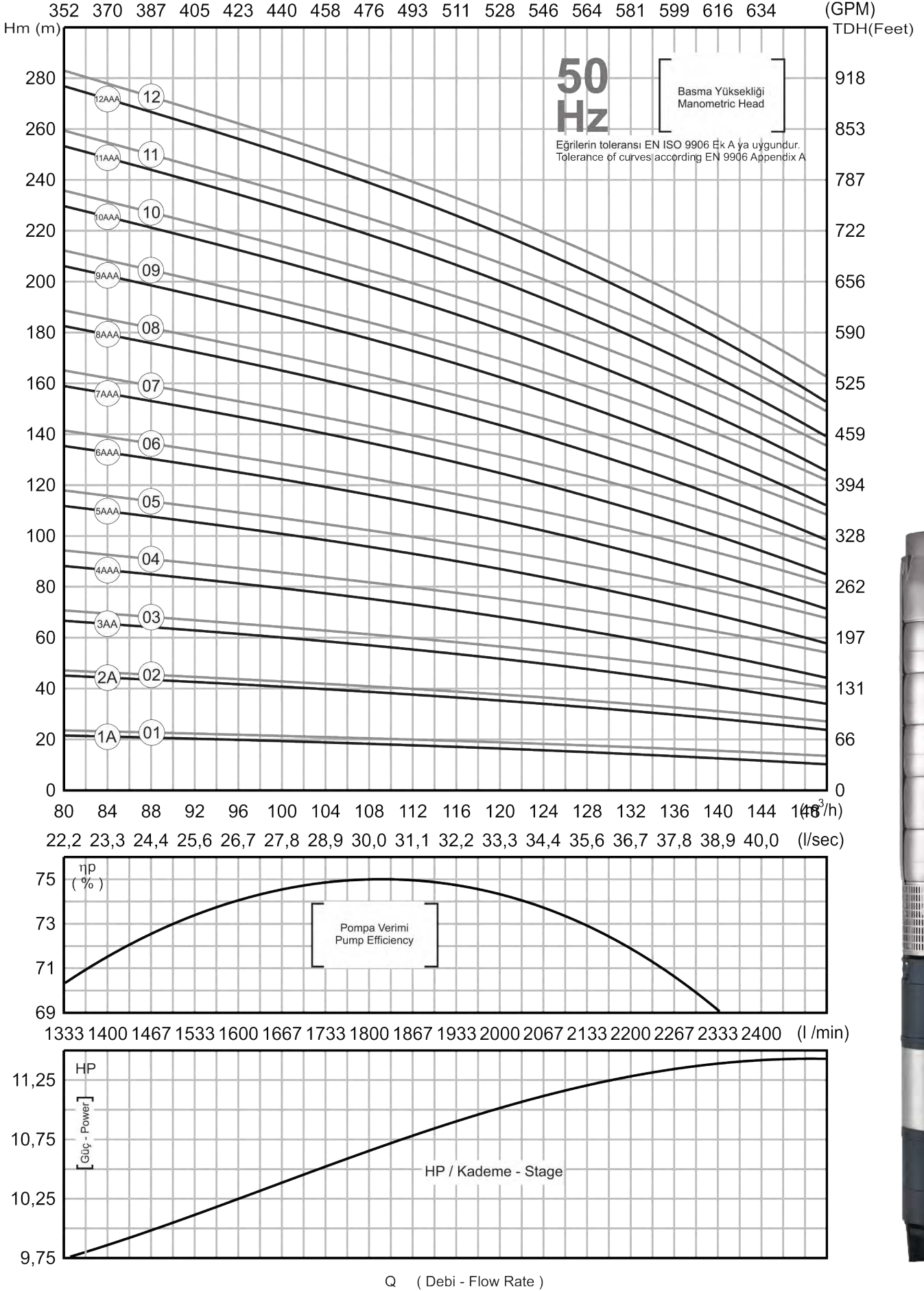
Construction and safety standards:
 TS 11146:1993 TS EN 809:2000 98/37/EC 01 / 2013
 TS EN ISO 12100-1:2007 TS EN ISO 12100-2:2006 REV. 0



POMPA TİPİ PUMP TYPE	MOTOR MOTEUR			ÖLÇÜLER / DIMENSIONS (mm)										AĞIRLIK / WEIGHT (kg)					
				10"-6"	10"-8"	6"	8"	10"-6"	10"-8"	6"	8"	PUMP	Ø D	MOTOR		POMPA PUMP		TOPLAM TOTAL	
	6" HP	8" HP	kW	L	L	E	E	B	B	Ø = C	Ø = C			6"	8"	10"-6"	10"-8"	10"-6"	10"-8"
ESS 10120/1A	10	-	7,5	1258	-	650	-	608	-	145	-	208	6"	48	-	30	-	78	-
ESS 10120/1	12,5	-	9,2	1298	-	690	-	608	-	145	-	208	6"	50	-	30	-	80	-
ESS 10120/2A	25	-	18,5	1644	-	880	-	764	-	145	-	208	6"	72	-	36	-	108	-
ESS 10120/2	25	-	18,5	1644	-	880	-	764	-	145	-	208	6"	72	-	36	-	108	-
ESS 10120/3AAA	35	35	26	1950	1960	1030	1040	920	920	145	195	208	6"	88	140	42	43	130	183
ESS 10120/3	35	35	26	1950	1960	1030	1040	920	920	145	195	208	6"	88	140	42	43	130	183
ESS 10120/4AAA	50	50	37	2266	2146	1190	1070	1076	1076	145	195	208	6"	106	146	49	50	155	196
ESS 10120/4	50	50	37	2266	2146	1190	1070	1076	1076	145	195	208	6"	106	146	49	50	155	196
ESS 10120/5AAA	60	60	45	2502	2362	1270	1130	1232	1232	145	195	208	6"	116	158	55	55	171	213
ESS 10120/5	60	60	45	2502	2362	1270	1130	1232	1232	145	195	208	6"	116	158	55	55	171	213
ESS 10120/6AAA	-	70	52	-	2598	-	1210	-	1388	-	195	208	6"	-	177	-	62	-	239
ESS 10120/6	-	70	52	-	2598	-	1210	-	1388	-	195	208	6"	-	177	-	62	-	239
ESS 10120/7AAA	-	75	55	-	2794	-	1250	-	1544	-	195	208	6"	-	184	-	68	-	252
ESS 10120/7	-	80	59	-	2824	-	1280	-	1544	-	195	208	6"	-	190	-	68	-	258
ESS 10120/8AAA	-	90	66	-	3065	-	1365	-	1700	-	195	208	6"	-	204	-	74	-	278
ESS 10120/8	-	100	75	-	3130	-	1430	-	1700	-	195	208	6"	-	218	-	74	-	292
ESS 10120/9AAA	-	100	75	-	3286	-	1430	-	1856	-	195	208	6"	-	218	-	80	-	298
ESS 10120/9	-	110	81	-	3356	-	1500	-	1856	-	195	208	6"	-	230	-	80	-	310
ESS 10120/10AAA	-	110	81	-	3512	-	1500	-	2012	-	195	208	6"	-	230	-	86	-	316
ESS 10120/10	-	125	92	-	3632	-	1620	-	2012	-	195	208	6"	-	252	-	86	-	338
ESS 10120/11AAA	-	125	92	-	3788	-	1620	-	2168	-	195	208	6"	-	252	-	92	-	344
ESS 10120/11	-	125	92	-	3788	-	1620	-	2168	-	195	208	6"	-	252	-	92	-	344
ESS 10120/12AAA	-	150	110	-	4129	-	1805	-	2324	-	195	208	6"	-	292	-	99	-	391
ESS 10120/12	-	150	110	-	4129	-	1805	-	2324	-	195	208	6"	-	292	-	99	-	391

POMPA TİPİ PUMP TYPE	MOTOR MOTEUR			m ³ /h	0	80	90	100	110	120	125	130	135	140	145	150
				l / sec	0,00	22,2	25,0	27,8	30,6	33,3	34,7	36,1	37,5	38,9	40,3	41,7
	6" HP	8" HP	kW	gpm	0	352	396	440	484	528	550	572	594	616	638	661
ESS 10120/1A	10	-	7,5	Basma Yüksekliği (Hm) Total Dynamic Head (TDH)	24	22	20	19	18	17	16	15	14	13	11	10
ESS 10120/1	12,5	-	9,2		28	24	23	21	20	19	18	17	17	16	15	14
ESS 10120/2A	25	-	18,5		52	45	43	41	38	35	34	32	30	28	26	24
ESS 10120/2	25	-	18,5		55	47	45	42	41	38	36	34	33	31	29	27
ESS 10120/3AAA	35	35	26		76	67	64	60	56	52	49	46	44	41	37	34
ESS 10120/3	35	35	26		83	71	68	63	61	57	54	52	50	47	44	41
ESS 10120/4AAA	50	50	37		100	88	84	79	74	68	65	61	57	53	49	44
ESS 10120/4	50	50	37		110	94	91	85	81	76	72	69	66	62	58	54
ESS 10120/5AAA	60	60	45		127	112	107	100	95	87	83	78	74	69	63	58
ESS 10120/5	60	60	45		138	118	113	106	102	95	90	86	83	78	73	68
ESS 10120/6AAA	-	70	52		155	135	129	122	115	106	101	95	90	84	78	71
ESS 10120/6	-	70	52		166	141	136	127	122	114	108	103	99	93	88	81
ESS 10120/7AAA	-	75	55		183	159	152	143	135	125	119	113	107	100	93	85
ESS 10120/7	-	80	59		193	165	159	148	142	133	127	120	116	109	102	95
ESS 10120/8AAA	-	90	66		210	182	175	164	156	144	137	130	124	116	107	98
ESS 10120/8	-	100	75		221	188	181	169	162	152	145	138	132	124	117	108
ESS 10120/9AAA	-	100	75		238	206	197	185	176	163	155	147	140	131	122	112
ESS 10120/9	-	110	81		248	212	204	190	183	171	163	155	149	140	131	122
ESS 10120/10AAA	-	110	81		265	229	220	206	196	182	173	164	157	147	136	125
ESS 10120/10	-	125	92		276	235	227	211	203	190	181	172	165	155	146	135
ESS 10120/11AAA	-	125	92		293	253	243	227	216	201	191	182	173	162	151	139
ESS 10120/11	-	125	92		304	259	249	233	223	209	199	189	182	171	161	149
ESS 10120/12AAA	-	150	110		321	277	266	248	237	220	209	199	190	178	166	153
ESS 10120/12	-	150	110		331	283	272	254	244	227	217	207	199	186	175	163

Hidrolik çalışma karakteristikleri 15 °C'deki suyla ve 1 bar atmosferik basınç altında alınmıştır
The hydraulic working characteristics have been calculated with water at 15 °C at the atmospheric pressure of 1 bar



50 Hz seçim aralığı: Q= 100 m³/ sa - 200 m³/ sa
Standart Klepe Çıkışı : 6" İçten Pasolu 11 Diş (NPT : Özel istek)
Fan tipi: Semiaksiyel
Dönüş : Saat Yönü Ters
Bağlantı : NEMA Standardına uygun
Mil Çapı : 32 mm

Minimum sıvı seviyesi: Emiş süzgecinin altından itibaren 1200 mm.
Maksimum pompa dış çapı (Kablo muhafazası ile birlikte): 208 mm

Pompalanan Sıvı: Kimyasal ve mekanik aşındırıcı olmayan akışkan.
İzin verilen maksimum kum miktarı = 50 g/m³
İzin verilen katı parçacık ölçüsü: Max 2mm

İmalat ve güvenlik standartları:

TS 11146:1993

TS EN 809:2000 98/37/EC

01 / 2013

TS EN ISO 12100-1:2007

TS EN ISO 12100-2:2006

REV. 0

Operating range at 50 Hz: Q= 100 m³/ h - 200 m³/ h
Standard Outlet : 6" Inside Threaded 11 TPI (NPT : Optional)
Impeller type: Mixed flow
Rotation : CCW
Connection : According to NEMA Standard
Shaft Diameter : 32 mm

Minimum liquid level (NPSH) : 1200 mm from bottom of suction grid
Maximum pump (Wet end) diameter - (Including cable guard): 208 mm

Liquid being pumped: Chemically and mechanically non aggressive.
Maximum allowable solid quantity = 50 g/m³
Solid dimension: Max 2mm

Construction and safety standards:

TS 11146:1993

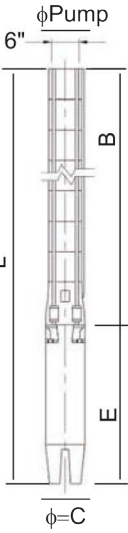
TS EN 809:2000 98/37/EC

01 / 2013

TS EN ISO 12100-1:2007

TS EN ISO 12100-2:2006

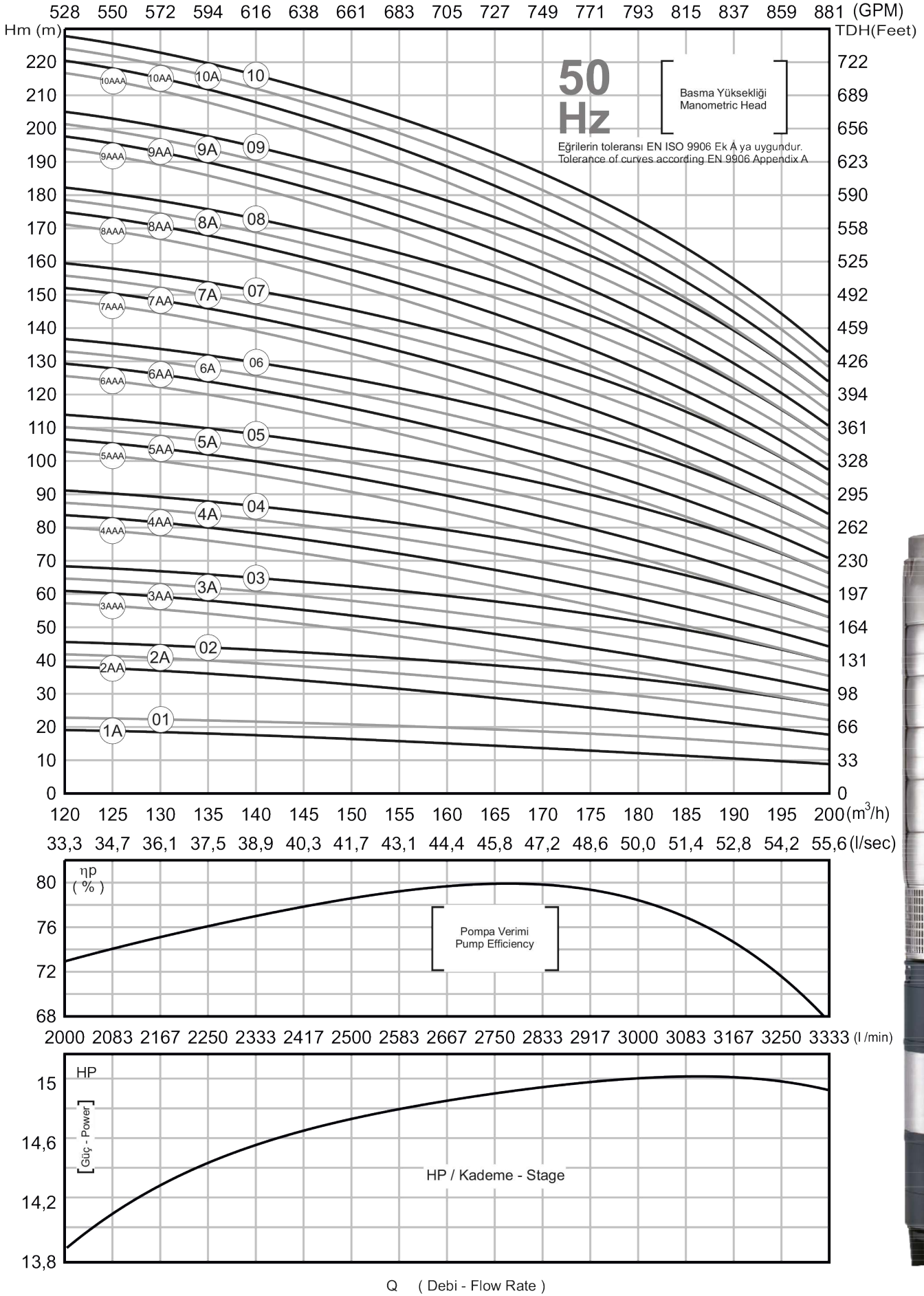
REV. 0



POMPA TİPİ PUMP TYPE	MOTOR MOTEUR				ÖLÇÜLER / DIMENSIONS (mm)														AĞIRLIK / WEIGHT (kg)									
					10"-6"	10"-8"	10"-10"	6"	8"	10"	10"-6"	10"-8"	10"-10"	6"	8"	10"	ø PUMP	ø D	MOTOR			POMPA PUMP			TOPLAM TOTAL			
	6" HP	8" HP	10" MOT 8" NEMA HP	KW	L	L	L	E	E	E	B	B	B	ø = C	ø = C	ø = C			6"	8"	10"	10"-6"	10"-8"	10"-10"	10"-6"	10"-8"	10"-10"	
ESS 10160/1A	12,5	-	-	9,2	1298	-	-	690	-	-	608	-	-	145	-	-	208	6"	50	-	-	30	-	-	80	-	-	
ESS 10160/01	15	-	-	11	1338	-	-	730	-	-	608	-	-	145	-	-	208	6"	56	-	-	30	-	-	86	-	-	
ESS 10160/2AA	25	-	-	18,5	1644	-	-	880	-	-	764	-	-	145	-	-	208	6"	72	-	-	36	-	-	108	-	-	
ESS 10160/2A	30	30	-	22	1744	1694	-	980	930	-	764	764	-	145	195	-	208	6"	82	121	-	36	37	-	118	158	-	
ESS 10160/02	30	30	-	22	1744	1694	-	980	930	-	764	764	-	145	195	-	208	6"	82	121	-	36	37	-	118	158	-	
ESS 10160/3AAA	40	40	-	30	2030	1960	-	1110	1040	-	920	920	-	145	195	-	208	6"	98	140	-	43	43	-	141	183	-	
ESS 10160/3AA	40	40	-	30	2030	1960	-	1110	1040	-	920	920	-	145	195	-	208	6"	98	140	-	43	43	-	141	183	-	
ESS 10160/03A	50	50	-	37	2110	1990	-	1190	1070	-	920	920	-	145	195	-	208	6"	106	146	-	43	43	-	149	189	-	
ESS 10160/03	50	50	-	37	2110	1990	-	1190	1070	-	920	920	-	145	195	-	208	6"	106	146	-	43	43	-	149	189	-	
ESS 10160/04AAA	60	60	-	45	2346	2206	-	1270	1130	-	1076	1076	-	145	195	-	208	6"	116	158	-	49	50	-	165	208	-	
ESS 10160/04AA	60	60	-	45	2346	2206	-	1270	1130	-	1076	1076	-	145	195	-	208	6"	116	158	-	49	50	-	165	208	-	
ESS 10160/04A	60	60	-	45	2346	2206	-	1270	1130	-	1076	1076	-	145	195	-	208	6"	116	158	-	49	50	-	165	208	-	
ESS 10160/04	60	60	-	45	2346	2206	-	1270	1130	-	1076	1076	-	145	195	-	208	6"	116	158	-	49	50	-	165	208	-	
ESS 10160/05AAA	-	70	-	52	-	2442	-	-	1210	-	-	1232	-	-	195	-	208	6"	-	177	-	-	56	-	-	233	-	-
ESS 10160/05AA	-	70	-	52	-	2442	-	-	1210	-	-	1232	-	-	195	-	208	6"	-	177	-	-	56	-	-	233	-	-
ESS 10160/05A	-	75	-	55	-	2482	-	-	1250	-	-	1232	-	-	195	-	208	6"	-	184	-	-	56	-	-	240	-	-
ESS 10160/05	-	75	-	55	-	2482	-	-	1250	-	-	1232	-	-	195	-	208	6"	-	184	-	-	56	-	-	240	-	-
ESS 10160/06AAA	-	80	-	59	-	2668	-	-	1280	-	-	1388	-	-	195	-	208	6"	-	190	-	-	63	-	-	253	-	-
ESS 10160/06AA	-	90	-	66	-	2753	-	-	1365	-	-	1388	-	-	195	-	208	6"	-	204	-	-	63	-	-	267	-	-
ESS 10160/06A	-	90	-	66	-	2753	-	-	1365	-	-	1388	-	-	195	-	208	6"	-	204	-	-	63	-	-	267	-	-
ESS 10160/06	-	90	-	66	-	2753	-	-	1365	-	-	1388	-	-	195	-	208	6"	-	204	-	-	63	-	-	267	-	-
ESS 10160/07AAA	-	100	-	75	-	2974	-	-	1430	-	-	1544	-	-	195	-	208	6"	-	218	-	-	69	-	-	287	-	-
ESS 10160/07AA	-	100	-	75	-	2974	-	-	1430	-	-	1544	-	-	195	-	208	6"	-	218	-	-	69	-	-	287	-	-
ESS 10160/07A	-	110	-	81	-	3044	-	-	1500	-	-	1544	-	-	195	-	208	6"	-	230	-	-	69	-	-	299	-	-
ESS 10160/07	-	110	-	81	-	3044	-	-	1500	-	-	1544	-	-	195	-	208	6"	-	230	-	-	69	-	-	299	-	-
ESS 10160/08AAA	-	125	125	92	-	3320	3044	-	1620	1344	-	1700	1700	-	195	232	208	6"	-	252	300	-	76	76	-	328	376	-
ESS 10160/08AA	-	125	125	92	-	3320	3044	-	1620	1344	-	1700	1700	-	195	232	208	6"	-	252	300	-	76	76	-	328	376	-
ESS 10160/08A	-	125	125	92	-	3320	3044	-	1620	1344	-	1700	1700	-	195	232	208	6"	-	252	300	-	76	76	-	328	376	-
ESS 10160/08	-	125	125	92	-	3320	3044	-	1620	1344	-	1700	1700	-	195	232	208	6"	-	252	300	-	76	76	-	328	376	-
ESS 10160/09AAA	-	125	125	92	-	3476	3200	-	1620	1344	-	1856	1856	-	195	232	208	6"	-	252	300	-	82	82	-	334	382	-
ESS 10160/09AA	-	150	150	110	-	3661	3320	-	1805	1464	-	1856	1856	-	195	232	208	6"	-	292	330	-	82	82	-	374	412	-
ESS 10160/09A	-	150	150	110	-	3661	3320	-	1805	1464	-	1856	1856	-	195	232	208	6"	-	292	330	-	82	82	-	374	412	-
ESS 10160/09	-	150	150	110	-	3661	3320	-	1805	1464	-	1856	1856	-	195	232	208	6"	-	292	330	-	82	82	-	374	412	-
ESS 10160/10AAA	-	150	150	110	-	3817	3476	-	1805	1464	-	2012	2012	-	195	232	208	6"	-	292	330	-	89	89	-	381	419	-
ESS 10160/10AA	-	150	150	110	-	3817	3476	-	1805	1464	-	2012	2012	-	195	232	208	6"	-	292	330	-	89	89	-	381	419	-
ESS 10160/10A	-	150	150	110	-	3817	3476	-	1805	1464	-	2012	2012	-	195	232	208	6"	-	292	330	-	89	89	-	381	419	-
ESS 10160/10	-	150	150	110	-	3817	3476	-	1805	1464	-	2012	2012	-	195	232	208	6"	-	292	330	-	89	89	-	381	419	-

POMPA TİPİ PUMP TYPE	MOTOR MOTEUR				m³/h	0	120	130	140	150	155	160	165	170	180	190	200	
	6" HP	8" HP	10" MOT 8" NEMA	kW		l / sec	0,00	33,3	36,1	38,9	41,7	43,1	44,4	45,8	47,2	50,0	52,8	55,6
						gpm	0	528	572	616	661	683	705	727	749	793	837	881
ESS 10160/1A	12,5	-	-	9,2	Basma Yüksekliği (Hm) Total Dynamic Head (TDH)	28	19	18	18	16	15	15	15	14	12	10	9	
ESS 10160/01	15	-	-	11		32	23	22	22	21	20	20	20	19	19	17	16	13
ESS 10160/2AA	25	-	-	18,5		56	38	37	35	33	31	30	29	27	24	21	18	
ESS 10160/2A	30	30	-	22		60	42	41	39	37	36	35	34	32	29	26	22	
ESS 10160/02	30	30	-	22		63	46	45	43	42	41	40	38	37	34	31	26	
ESS 10160/3AAA	40	40	-	30		84	57	55	53	49	46	45	44	41	37	31	27	
ESS 10160/3AA	40	40	-	30		87	61	59	57	54	51	50	48	46	42	36	31	
ESS 10160/03A	50	50	-	37		91	65	63	61	58	56	55	53	51	46	42	35	
ESS 10160/03	50	50	-	37		95	68	67	65	62	61	60	58	56	51	47	40	
ESS 10160/04AAA	60	60	-	45		115	80	78	74	70	67	65	63	60	54	47	40	
ESS 10160/04AA	60	60	-	45		119	84	81	78	74	72	70	68	65	59	52	44	
ESS 10160/04A	60	60	-	45		123	87	85	82	79	77	75	72	69	64	57	48	
ESS 10160/04	60	60	-	45		126	91	89	86	83	82	79	77	74	68	63	53	
ESS 10160/05AAA	-	70	-	52		147	103	100	96	91	87	85	82	78	71	62	53	
ESS 10160/05AA	-	70	-	52		151	107	104	100	95	92	90	87	83	76	68	57	
ESS 10160/05A	-	75	-	55		154	110	107	104	100	97	94	91	88	81	73	62	
ESS 10160/05	-	75	-	55		158	114	111	108	104	102	99	96	93	86	78	66	
ESS 10160/06AAA	-	80	-	59		179	126	122	118	112	108	105	101	97	88	78	66	
ESS 10160/06AA	-	90	-	66		182	129	126	122	116	113	109	106	102	93	83	71	
ESS 10160/06A	-	90	-	66		186	133	130	126	120	118	114	111	107	98	89	75	
ESS 10160/06	-	90	-	66		190	137	134	129	125	123	119	115	111	103	94	79	
ESS 10160/07AAA	-	100	-	75		210	148	144	139	132	128	124	121	115	105	94	79	
ESS 10160/07AA	-	100	-	75		214	152	148	143	137	133	129	125	120	110	99	84	
ESS 10160/07A	-	110	-	81		218	156	152	147	141	138	134	130	125	115	104	88	
ESS 10160/07	-	110	-	81		221	160	156	151	145	143	139	135	130	120	109	92	
ESS 10160/08AAA	-	125	125	92		242	171	167	161	153	149	144	140	134	122	109	93	
ESS 10160/08AA	-	125	125	92		245	175	170	165	157	154	149	144	139	127	115	97	
ESS 10160/08A	-	125	125	92		249	179	174	169	162	159	154	149	144	132	120	101	
ESS 10160/08	-	125	125	92		253	182	178	173	166	164	159	154	149	137	125	106	
ESS 10160/09AAA	-	125	125	92		273	194	189	182	174	169	164	159	153	139	125	106	
ESS 10160/09AA	-	150	150	110		277	198	193	186	178	174	169	164	157	144	130	110	
ESS 10160/09A	-	150	150	110		281	201	196	190	183	179	174	168	162	149	135	114	
ESS 10160/09	-	150	150	110	284	205	200	194	187	184	179	173	167	154	141	119		
ESS 10160/10AAA	-	150	150	110	305	217	211	204	195	190	184	178	171	157	140	119		
ESS 10160/10AA	-	150	150	110	309	221	215	208	199	194	189	183	176	161	146	123		
ESS 10160/10A	-	150	150	110	312	224	219	212	203	199	194	188	181	166	151	128		
ESS 10160/10	-	150	150	110	316	228	223	216	208	204	199	192	186	171	156	132		

Hidrolik çalışma karakteristikleri 15°C'deki suyla ve 1 bar atmosferik basınç altında alınmıştır
The hydraulic working characteristics have been calculated with water at 15°C at the atmospheric pressure of 1 bar



50 Hz seçim aralığı: Q= 150 m³/sa - 270 m³/sa
Standart Klepe Çıkışı : 6" İçten Pasolu 11 Diş (NPT : Özel istek)
Fan tipi: Semiaksiyel
Dönüş : Saat Yönü Ters
Bağlantı : NEMA Standardına uygun
Mil Çapı : 45 mm

Minimum sıvı seviyesi: Emiş süzgecinin altından itibaren 1200 mm.
Maksimum pompa dış çapı (Kablo muhafazası ile birlikte): 232 mm

Pompanılan Sıvı: Kimyasal ve mekanik aşındırıcı olmayan akışkan.
İzin veren maksimum kum miktarı = 50 g/m³
İzin verilen katı parçacık ölçüsü: Max 2mm

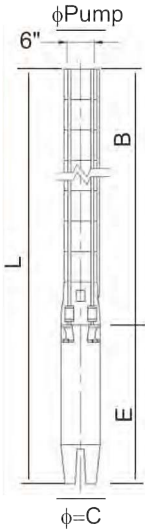
İmalat ve güvenlik standartları:
TS 11146:1993 TS EN 809:2000 98/37/EC 05 / 2013
TS EN ISO 12100-1:2007 TS EN ISO 12100-2:2006 REV. 0

Operating range at 50 Hz: Q= 150 m³/h - 270 m³/h
Standard Outlet : 6" Inside Threaded 11 TPI (NPT : Optional)
Impeller type: Mixed flow
Rotation : CCW
Connection : According to NEMA Standard
Shaft Diameter : 45 mm

Minimum liquid level (NPSH) : 1200 mm from bottom of suction grid
Maximum pump (Wet end) diameter - (Including cable guard): 232 mm

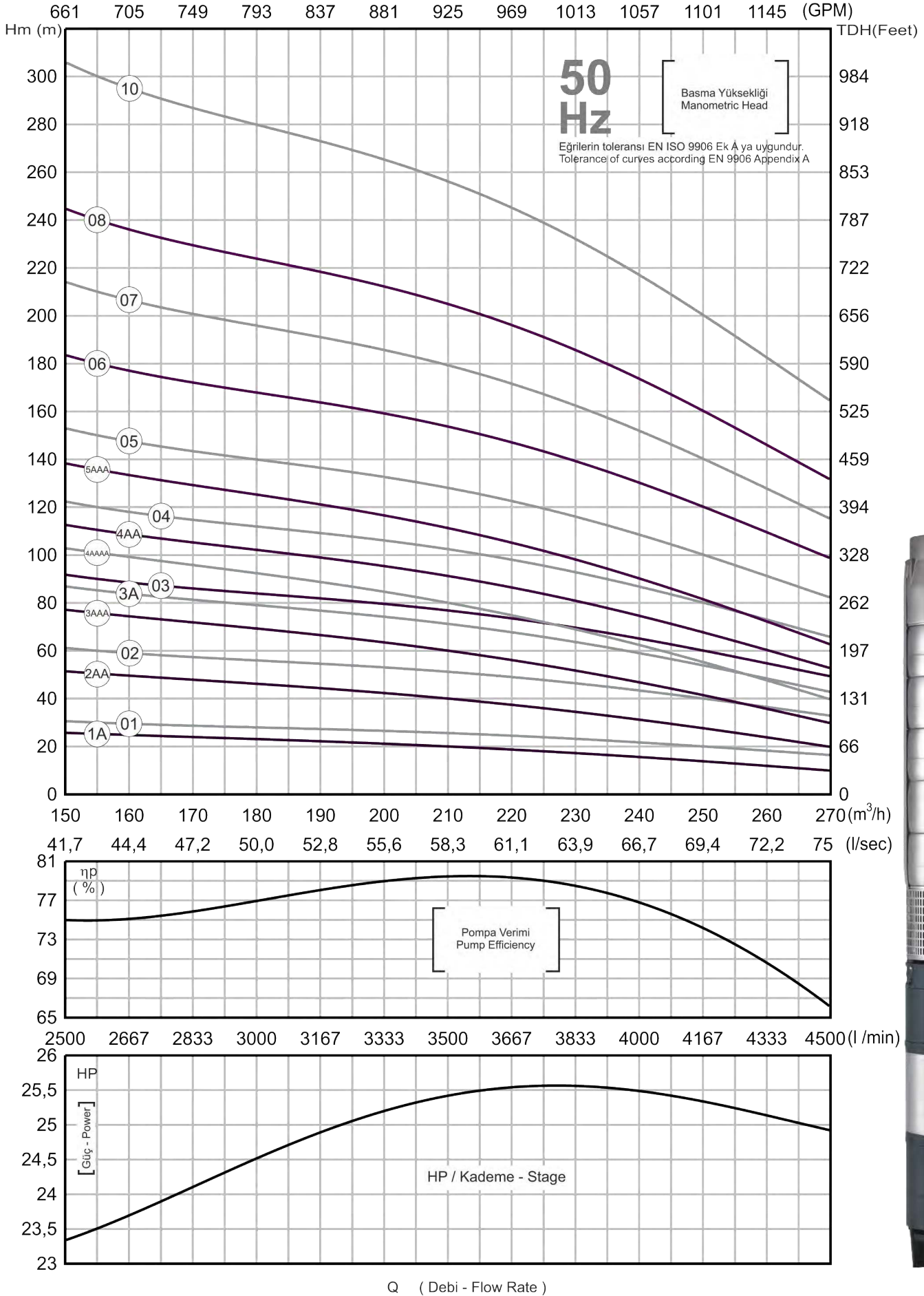
Liquid being pumped: Chemically and mechanically non aggressive.
Maximum allowable solid quantity = 50 g/m³
Solid dimension: Max 2mm

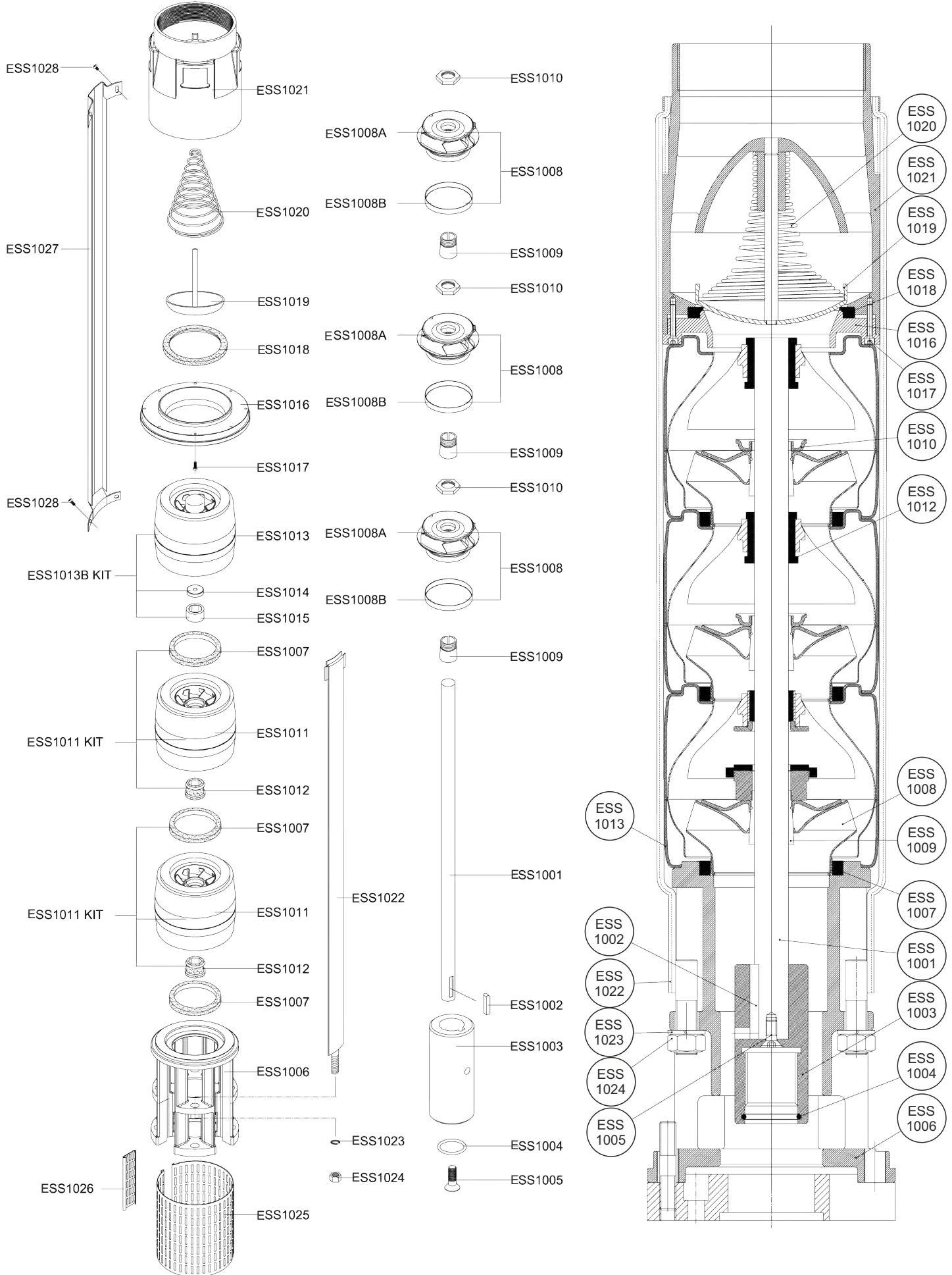
Construction and safety standards:
TS 11146:1993 TS EN 809:2000 98/37/EC 05 / 2013
TS EN ISO 12100-1:2007 TS EN ISO 12100-2:2006 REV. 0



POMPA TİPİ PUMP TYPE	MOTOR MOTEUR			ÖLÇÜLER / DIMENSIONS (mm)									AĞIRLIK / WEIGHT (kg)					
				10"-8"	10"-10"	8"	10"	10"	8"	10"	ø PUMP	ø D	MOTOR		POMPA PUMP	TOPLAM TOTAL		
	8" HP	10" HP	kW	L	L	E	E	B	ø = C	ø = C			8"	10"	10"-8"	10"-8"	10"-10"	
ESS 10215/1A	30	-	22	1706	-	930	-	776	195	-	232	6"	121	-	51,6	172,6	-	-
ESS 10215/1	30	-	22	1706	-	930	-	776	195	-	232	6"	121	-	51,6	172,6	-	-
ESS 10215/2AA	40	-	30	1992	-	1040	-	952	195	-	232	6"	140	-	60,7	200,7	-	-
ESS 10215/02	50	-	37	2022	-	1070	-	952	195	-	232	6"	146	-	60,7	206,7	-	-
ESS 10215/3AAA	60	-	45	2258	-	1130	-	1128	195	-	232	6"	158	-	69,8	227,8	-	-
ESS 10215/03A	70	-	52	2338	-	1210	-	1128	195	-	232	6"	177	-	69,8	247	-	-
ESS 10215/03	75	-	55	2378	-	1250	-	1128	195	-	232	6"	184	-	69,8	254	-	-
ESS 10215/04AAA	80	-	59	2584	-	1280	-	1304	195	-	232	6"	190	-	78,9	269	-	-
ESS 10215/04AA	90	-	66	2669	-	1365	-	1304	195	-	232	6"	204	-	78,9	283	-	-
ESS 10215/04	100	-	75	2734	-	1430	-	1304	195	-	232	6"	218	-	78,9	297	-	-
ESS 10215/05AAA	110	-	81	2980	-	1500	-	1480	195	-	232	6"	230	-	88	318	-	-
ESS 10215/05	125	125	92	3100	2824	1620	1344	1480	195	240	232	6"	252	300	88	340	388	-
ESS 10215/06	150	150	110	3461	3120	1805	1464	1656	195	240	232	6"	292	330	97,1	389	427	-
ESS 10215/07	-	180	132	-	3416	-	1584	1832	-	240	232	6"	-	370	106,2	-	476	-
ESS 10215/08	-	200	147	-	3682	-	1674	2008	-	240	232	6"	-	400	115,3	-	515	-
ESS 10215/10	-	250	185	-	4058	-	1874	2184	-	240	232	6"	-	464	124,4	-	588	-

POMPA TİPİ PUMP TYPE	MOTOR MOTEUR			m ³ /h	0	150	170	190	200	205	210	215	220	225	230	250	270
	8" HP	10" HP	kW	l / sec	0,00	41,67	47,22	52,78	55,56	56,94	58,33	59,72	61,11	62,50	63,89	69,44	75,00
				gpm	0	661	749	837	881	903	925	947	969	991	1013	1101	1189
ESS 10215/1A	30	-	22	Basma Yüksekliği (Hm) Total Dynamic Head (TDH)	36	26	24	22	21	20	20	19	19	18	17	14	10
ESS 10215/1	30	-	22		42	31	29	27	27	26	26	25	24	24	23	20	16
ESS 10215/2AA	40	-	30		71	51	48	45	42	41	40	39	38	36	35	27	20
ESS 10215/02	50	-	37		84	61	57	55	53	52	51	50	49	48	46	40	33
ESS 10215/3AAA	60	-	45		107	77	72	67	63	61	60	58	56	55	52	41	30
ESS 10215/03A	70	-	52		119	87	81	77	74	73	71	69	68	66	63	54	43
ESS 10215/03	75	-	55		126	92	86	82	80	78	77	75	73	72	69	60	49
ESS 10215/04AAA	80	-	59		142	103	96	89	85	82	79	78	75	73	69	55	40
ESS 10215/04AA	90	-	66		155	113	105	99	95	93	91	89	87	84	81	68	53
ESS 10215/04	100	-	75		168	122	115	109	106	105	103	100	98	96	92	80	66
ESS 10215/05AAA	110	-	81		190	138	129	122	116	114	111	108	105	103	98	81	63
ESS 10215/05	125	125	92		209	153	143	137	133	131	128	125	122	120	116	100	82
ESS 10215/06	150	150	110		251	184	172	164	159	157	154	150	147	144	139	121	99
ESS 10215/07	-	180	132		293	214	200	191	186	183	179	175	171	168	162	141	115
ESS 10215/08	-	200	147		335	245	229	219	212	209	205	200	196	192	185	161	131
ESS 10215/10	-	250	185		419	306	286	273	265	261	256	250	245	240	231	201	164





Parça No - Part No	Tanım - Description	Malzeme - Material
ESS1001	Mil - Shaft	Paslanmaz çelik / (AISI 420) - Stainless steel / (AISI 420)
ESS1002	Kama - Key	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
ESS1003	Kaplin - Coupling	Paslanmaz çelik / (AISI 420) - Stainless steel / (AISI 420)
ESS1004	Oring - O-Ring	Kauçuk - Rubber
ESS1005	Kaplin Cıvatası - Coupling Screw	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
ESS1006	Emiş - Support	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
ESS1007	Aşınma Bileziği - Neck Ring	Kauçuk / Çelik - Rubber / Steel
ESS1008A	Fan - Impeller	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
ESS1008B	Fan Aşınma Bileziği - Ring Of Impeller	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
ESS1009	Konik Kama - Split Cone	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
ESS1010	Konik Kama Somunu - Split Cone Nut	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
ESS1011	Difüzör - Diffuser	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
ESS1011 KIT	Difüzör - Diffuser	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
	Aşınma Bileziği - Neck Ring	Kauçuk / Çelik - Rubber / Steel
	Orta Burç - Bearing	Kauçuk - Rubber
ESS1012	Orta Burç - Bearing	Kauçuk - Rubber
ESS1013	Klepe altı Difüzörü - Diffuser For Discharge	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
ESS1013B KIT	Klepe altı Difüzörü - Diffuser For Discharge	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
	Difüzör yatağı - Bearing	Kauçuk / Çelik - Rubber / Steel
	Stoplama Plastiği - Spacing Washer For Stop Ring	Kompozit - Composite
ESS1014	Stoplama Plastiği - Spacing Washer For Stop Ring	Kompozit - Composite
ESS1015	Difüzör yatağı - Bearing	Kauçuk / Çelik - Rubber / Steel
ESS1016	Klepe Ringi - Valve Ring	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
ESS1017	Klepe Ringi Cıvatası - Valve Ring Screw	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
ESS1018	Klepe Lastiği - Valve Seat	Kauçuk / Çelik - Rubber / Steel
ESS1019	Klepe Diski - Valve Cone	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
ESS1020	Klepe Yayısı - Valve Spring	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
ESS1021	Klepe (6" Normal) - Discharge (6" Normal)	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
ESS1021-A	Klepe (NPT - Rp 6) - Discharge (NPT - Rp 6)	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
ESS1022	Lama - Strap	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
ESS1023	Lama yaylı rondelası- Strap spring washer	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
ESS1024	Lama Somunu - Strap Nut	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
ESS1025	Süzgeç - Strainer	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
ESS1026	Süzgeç kilidi - Strainer lock	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
ESS1027	Kablo Muhafaza Sacı - Cable Guard	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
ESS1028	Kablo Muhafaza Sacı cıvatası - Cable Guard Screw	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)

Parça siparişi verirken belirtilmesi gereken bilgiler

Örnek Sipariş: 8" Motor Flanşlı ESS 10215 / 05 kademe pompa mili

10215 . 1001 . 8 . 05

Pompa seri adı ■ Parça resim no ■ Motor çapı ■ Kademe sayısı
(Gerekli ise) (Gerekli ise)

Required informations to order a component

Example Order: A pump shaft of ESS10215 / 05 stage with 8" motor flange

10215 . 1001 . 8 . 05

Pump serie name ■ Component drawing no ■ Motor size ■ Stage
(if necessary) (if necessary)

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