

VSS Series ESP Pumps



6"

8"

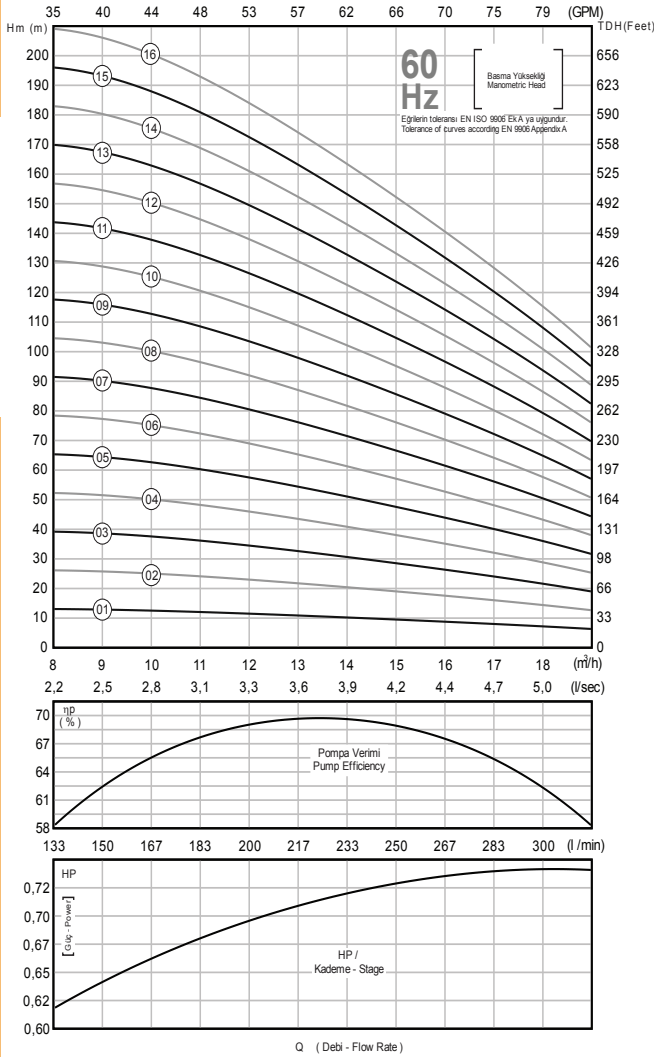
10"

60HZ
Stainless Steel Pumps
Up to 45000 BBLs/d
1500 ft



STAINLESS STEEL PUMP

Performans eğrileri Performance Curves 1- 16



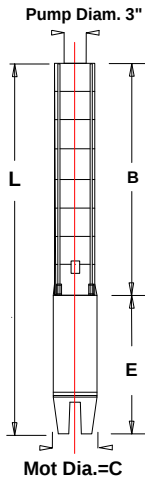
Performans eğrileri kinematik viskozite $\nu = 1 \text{ mm}^2/\text{s}$ ve yoğunluk $\rho = 1000 \text{ kg/m}^3$ temel alınarak oluşturulmuştur.
Performance curves are based on the kinematic viscosity $\nu = 1 \text{ mm}^2/\text{s}$ and density $\rho = 1000 \text{ kg/m}^3$

POMPA TİPİ PUMP TYPE	MOTOR MOTEUR		ÖLÇÜLER / DIMENSIONS (mm)												AĞIRLIK / WEIGHT (kg)										
			6"-4"		6"-6"		4"		6"		6"-4"		6"-6"		4"		6"		PUMP Dia (mm)	Ø D	MOTOR		POMPA PUMP		TOPLAM TOTAL
	4" HP	6" HP	KW	L	L	E	E	B	B	Ø = C	Ø = C	Dia (mm)	Ø D	4"	6"	6"-4"	6"-6"	6"-4"			6"-6"				
VSS 609_60_01	0,75	-	0,55	715	-	385	-	330	-	93	-	133	3"	8	-	6	-	14	-						
VSS 609_60_02	1,5	-	1,1	816	-	425	-	391	-	93	-	133	3"	10	-	8	-	18	-						
VSS 609_60_03	3	-	2,2	943	-	492	-	451	-	93	-	133	3"	14	-	9	-	23	-						
VSS 609_60_04	3	-	2,2	1004	-	492	-	512	-	93	-	133	3"	14	-	10	-	24	-						
VSS 609_60_05	4	-	3	1153	-	581	-	572	-	93	-	133	3"	19	-	11	-	30	-						
VSS 609_60_06	5,5	5,5	4	1254	1263	621	630	633	633	93	145	133	3"	21	46	12	14	33	60						
VSS 609_60_07	5,5	5,5	4	1314	1323	621	630	693	693	93	145	133	3"	21	46	14	15	35	61						
VSS 609_60_08	5,5	5,5	4	1375	1384	621	630	754	754	93	145	133	3"	21	46	15	16	36	62						
VSS 609_60_09	7,5	7,5	5,5	1554	1444	740	630	814	814	93	145	133	3"	25	48	16	17	41	65						
VSS 609_60_10	7,5	7,5	5,5	1615	1505	740	630	875	875	93	145	133	3"	25	46	17	19	42	65						
VSS 609_60_11	7,5	7,5	5,5	1675	1565	740	630	935	935	93	145	133	3"	25	46	19	20	44	66						
VSS 609_60_12	10	10	7,5	1856	1646	860	650	996	996	93	145	133	3"	31	48	20	21	51	69						
VSS 609_60_13	10	10	7,5	1916	1706	860	650	1056	1056	93	145	133	3"	31	48	21	22	52	70						
VSS 609_60_14	10	10	7,5	1977	1767	860	650	1117	1117	93	145	133	3"	31	48	22	23	53	71						
VSS 609_60_15	-	12,5	9,2	-	-	1867	-	690	-	1177	-	145	133	3"	-	50	-	25	-	75					
VSS 609_60_16	-	12,5	9,2	-	-	1928	-	690	-	1238	-	145	133	3"	-	50	-	26	-	76					

POMPA TIPI PUMP TYPE	MOTOR MOTEUR			m³/h	0	8	9	10	11	12	13	14	15	16	17	18	19
	4" HP	6" HP	kW	l/min	0,00	133	150	167	183	200	217	233	250	267	283	300	317
				BBLs/d	0	1208	1359	1510	1661	1811	1962	2113	2264	2415	2566	2717	2868
VSS 609_60_01	0,75	-	0,55	Total Dynamic Head [ft]	56	43	43	43	39	36	36	33	30	30	26	23	20
VSS 609_60_02	1,5	-	1,1		112	85	85	82	79	75	72	66	62	59	52	46	43
VSS 609_60_03	3	-	2,2		167	128	128	125	118	112	108	102	92	85	79	72	62
VSS 609_60_04	3	-	2,2		220	171	167	164	157	151	144	135	125	115	105	95	82
VSS 609_60_05	4	-	3		276	213	210	207	200	187	177	167	154	144	131	118	105
VSS 609_60_06	5,5	5,5	4		331	259	253	246	240	226	213	200	187	174	157	141	125
VSS 609_60_07	5,5	5,5	4		387	302	295	289	279	262	249	236	217	200	184	164	144
VSS 609_60_08	5,5	5,5	4		443	345	338	328	318	302	285	269	249	230	213	190	167
VSS 609_60_09	7,5	7,5	5,5		499	387	381	371	358	338	322	302	279	259	240	213	187
VSS 609_60_10	7,5	7,5	5,5		551	430	420	410	397	377	358	335	312	289	266	236	207
VSS 609_60_11	7,5	7,5	5,5		607	472	463	453	436	413	394	367	341	315	292	259	230
VSS 609_60_12	10	10	7,5		663	515	505	492	476	453	430	404	374	345	318	282	249
VSS 609_60_13	10	10	7,5		719	558	548	535	515	489	466	436	404	374	345	308	269
VSS 609_60_14	10	10	7,5		774	600	591	574	558	528	499	469	436	404	371	331	292
VSS 609_60_15	-	12,5	9,2		830	643	633	617	597	564	535	502	466	430	397	354	312
VSS 609_60_16	-	12,5	9,2		883	686	673	656	637	604	571	538	499	459	423	377	331

The hydraulic working characteristics been calculated with water at 15 deg. C at the atmospherically pressure of 1 bar.

The Hydraulic characteristics given in the leaflet does not include the loss in the check valve.



60 Hz seçim aralığı: $Q = 8 \text{ m}^3/\text{sa} - 19 \text{ m}^3/\text{sa}$
Standart Klepe Çıkışı : NPT - Rp 3
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

Pompanan 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

Tarih

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Operating range at 60 Hz: $Q = 8 \text{ m}^3/\text{h} - 19 \text{ m}^3/\text{h}$

Standard Outlet : NPT - Rp 3

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

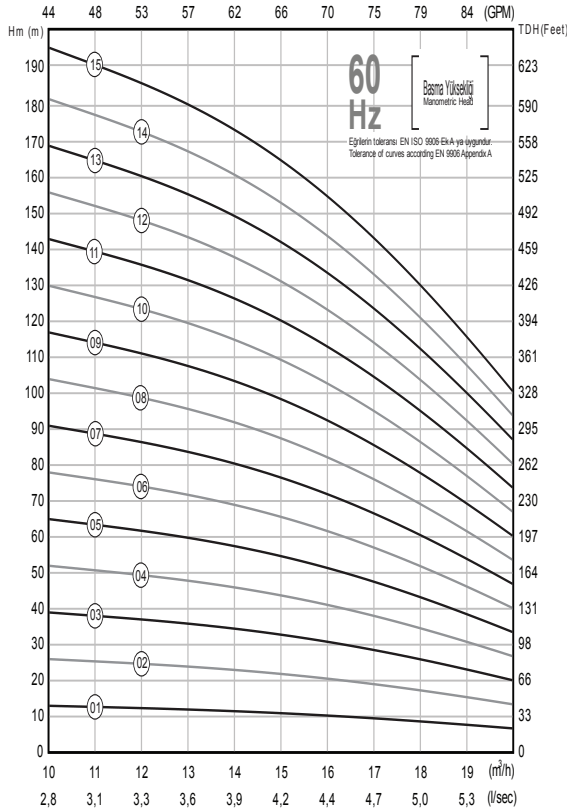
TS EN ISO 12100-2:2006

Date

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STAINLESS STEEL PUMP

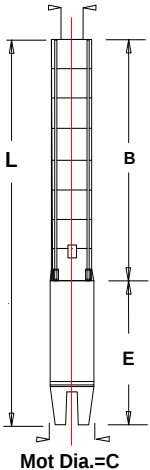


POMPA TİPİ PUMPTYPE	MOTOR MOTEUR			ÖLÇÜLER / DIMENSIONS (mm)										AĞIRLIK / WEIGHT (kg)					
				6"-4"		6"-6"		4"		6"		6"-4"		4"		6"		PUMP	
	4" HP	6" HP	kW	L	L	E	E	B	B	Φ = C	Φ = C	Φ D	Φ D	4"	6"	6"-4"	6"-6"	MOTOR	POMPA PUMP
VSS 612_60_01	1	-	0,75	762	-	385	-	377	-	93	-	133	3"	8	-	9	-	17	-
VSS 612_60_02	2	-	1,5	839	-	432	-	407	-	93	-	133	3"	11	-	9	-	20	-
VSS 612_60_03	3	-	2,2	930	-	492	-	438	-	93	145	133	3"	14	-	10	-	24	-
VSS 612_60_04	4	-	3	1049	-	581	-	468	-	93	145	133	3"	19	-	11	-	30	-
VSS 612_60_05	5,5	5,5	4	1119	1128	621	630	498	498	93	145	133	3"	21	46	12	11	33	57
VSS 612_60_06	5,5	5,5	4	1149	1158	621	630	528	528	93	145	133	3"	21	46	12	12	33	58
VSS 612_60_07	7,5	7,5	5,5	1298	1188	740	630	558	558	93	145	133	3"	25	46	13	13	38	59
VSS 612_60_08	7,5	7,5	5,5	1329	1219	740	630	589	589	93	145	133	3"	25	46	14	14	39	60
VSS 612_60_09	10	10	7,5	1479	1269	860	650	619	619	93	145	133	3"	31	48	14	15	45	63
VSS 612_60_10	10	10	7,5	1509	1299	860	650	649	649	93	145	133	3"	31	48	15	16	46	64
VSS 612_60_11	10	10	7,5	1539	1329	860	650	679	679	93	145	133	3"	31	48	16	17	47	65
VSS 612_60_12	-	12,5	9,2	-	1399	-	690	-	709	-	145	133	3"	-	50	-	17	-	67
VSS 612_60_13	-	12,5	9,2	-	1430	-	690	-	740	-	145	133	3"	-	50	-	18	-	68
VSS 612_60_14	-	12,5	9,2	-	1460	-	690	-	770	-	145	133	3"	-	50	-	19	-	69
VSS 612_60_15	-	15	11	-	1530	-	730	-	800	-	145	133	3"	-	56	-	20	-	76

POMPA TİPİ PUMP TYPE	MOTOR MOTEUR			m³/h																
				l / min	0,00	167	183	200	217	233	250	267	283	300	317	333				
	4" HP	6" HP	kW	BBLs/d	0	1510	1661	1811	1962	2113	2264	2415	2566	2717	2868	3019				
VSS 612_60_01	1	-	0,75	Total Dynamic Head [ft]	52	43	43	39	39	39	36	33	30	30	26	23				
VSS 612_60_02	2	-	1,5		105	85	82	82	79	75	72	66	62	56	52	43				
VSS 612_60_03	3	-	2,2		157	128	125	121	118	115	108	102	92	85	75	66				
VSS 612_60_04	4	-	3		207	171	167	161	157	151	144	135	125	115	102	89				
VSS 612_60_05	5,5	5,5	4		259	213	207	200	197	190	180	167	154	144	128	108				
VSS 612_60_06	5,5	5,5	4		312	256	249	243	236	226	217	200	184	171	154	131				
VSS 612_60_07	7,5	7,5	5,5		364	299	292	282	276	266	253	236	217	200	177	154				
VSS 612_60_08	7,5	7,5	5,5		417	341	331	322	315	302	289	269	246	230	203	174				
VSS 612_60_09	10	10	7,5		469	384	374	361	354	341	325	302	279	256	230	197				
VSS 612_60_10	10	10	7,5		518	427	417	404	394	377	361	335	308	285	256	220				
VSS 612_60_11	10	10	7,5		571	469	456	443	433	417	397	371	338	315	279	240				
VSS 612_60_12	-	12,5	9,2		623	512	499	482	472	453	433	404	371	341	305	262				
VSS 612_60_13	-	12,5	9,2		676	554	541	525	512	492	469	436	400	371	331	282				
VSS 612_60_14	-	12,5	9,2		728	597	581	564	551	532	505	469	430	400	358	305				
VSS 612_60_15	-	15	11		781	640	623	604	591	568	541	502	463	430	381	328				

The hydraulic working characteristics been calculated with water at 15 deg. C at the atmospheric pressure of 1 bar.
The Hydraulic characteristics given in the leaflet does not include the loss in the check valve.

Pump Diam. 3"



60 Hz seçim aralığı: Q= 10 m³/sa - 20 m³/sa
Standart Klepe Çıkışı : NPT - Rp 3
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

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

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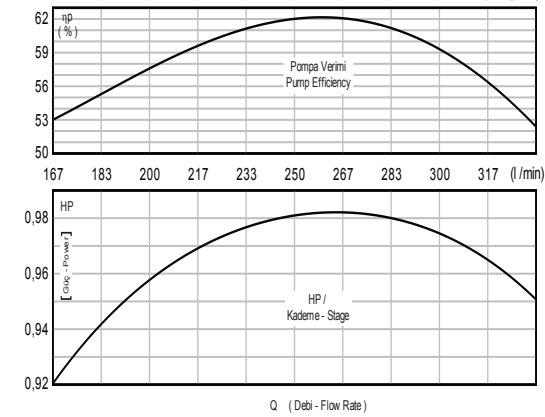
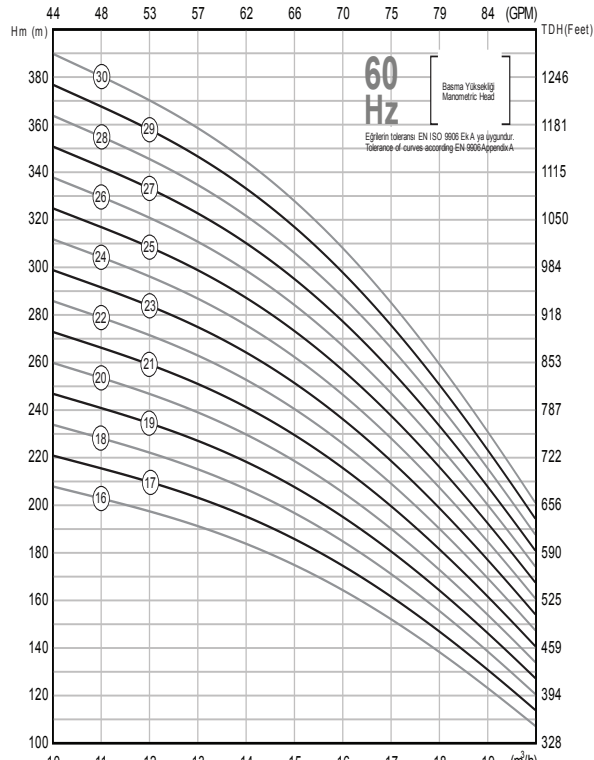
Operating range at 60 Hz: Q= 10 m³/h - 20 m³/h
Standard Outlet : NPT - Rp 3
Impeller type: Mixed flow
Rotation : CCW
Connection : According to NEMA Standard
Shaft Diameter : 19 mm Hexagon

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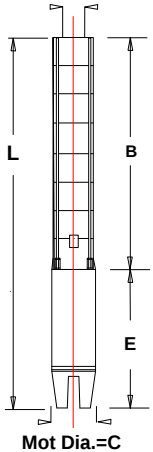
Performans eğrileri kinematik viskozite $\nu = 1 \text{ mm}^2/\text{s}$ ve yoğunluk $\rho = 1000 \text{ kg/m}^3$ temel alınarak oluşturulmuştur.
Performance curves are based on the kinematic viscosity $\nu = 1 \text{ mm}^2/\text{s}$ and density $\rho = 1000 \text{ kg/m}^3$

POMPA TİPİ PUMP TYPE	MOTOR MOTEUR			ÖLÇÜLER / DIMENSIONS (mm)										AĞIRLIK / WEIGHT (kg)								
				6"-4"		6"-6"		4"	6"	6"-4"		6"-6"		4"	6"	PUMP Dia [mm]	Φ D	MOTOR		POMPA PUMP		TOPLAM TOTAL
	4"	HP	6"	HP	kW	L	L	E	E	B	B	Φ = C	Φ = C	4"	6"			6"-4"	6"-6"	6"-4"	6"-6"	
VSS 612_60_16	-	15	11	-	1560	-	730	-	830	-	145	133	3"	-	56	-	21	-	77			
VSS 612_60_17	-	15	11	-	1590	-	730	-	860	-	145	133	3"	-	56	-	22	-	78			
VSS 612_60_18	-	17,5	13	-	1671	-	780	-	891	-	145	133	3"	-	60	-	23	-	83			
VSS 612_60_19	-	17,5	13	-	1701	-	780	-	921	-	145	133	3"	-	60	-	23	-	83			
VSS 612_60_20	-	20	15	-	1781	-	830	-	951	-	145	133	3"	-	66	-	24	-	90			
VSS 612_60_21	-	20	15	-	1811	-	830	-	981	-	145	133	3"	-	66	-	25	-	91			
VSS 612_60_22	-	20	15	-	1841	-	830	-	1011	-	145	133	3"	-	66	-	26	-	92			
VSS 612_60_23	-	20	15	-	1872	-	830	-	1042	-	145	133	3"	-	66	-	27	-	93			
VSS 612_60_24	-	25	18,5	-	1952	-	880	-	1072	-	145	133	3"	-	72	-	28	-	100			
VSS 612_60_25	-	25	18,5	-	1982	-	880	-	1102	-	145	133	3"	-	72	-	29	-	101			
VSS 612_60_26	-	25	18,5	-	2012	-	880	-	1132	-	145	133	3"	-	72	-	29	-	101			
VSS 612_60_27	-	25	18,5	-	2042	-	880	-	1162	-	145	133	3"	-	72	-	30	-	102			
VSS 612_60_28	-	25	18,5	-	2073	-	880	-	1193	-	145	133	3"	-	72	-	31	-	103			
VSS 612_60_29	-	25	18,5	-	2103	-	880	-	1223	-	145	133	3"	-	72	-	32	-	104			
VSS 612_60_30	-	30	22	-	2233	-	980	-	1253	-	145	133	3"	-	82	-	33	-	115			

POMPA TİPİ PUMP TYPE	MOTOR MOTEUR			m³/h l / min BBLs/d	0	10	11	12	13	14	15	16	17	18	19	20
	4" HP	6" HP	kW		0	167	183	200	217	233	250	267	283	300	317	333
					0	1510	1661	1811	1962	2113	2264	2415	2566	2717	2868	3019
Total Dynamic Head [ft]																
VSS 612_60_16	-	15	11		830	682	666	643	630	607	577	538	492	456	407	348
VSS 612_60_17	-	15	11		883	725	705	686	669	643	610	571	525	486	433	371
VSS 612_60_18	-	17,5	13		935	768	748	725	709	682	646	604	554	515	459	394
VSS 612_60_19	-	17,5	13		988	810	791	764	748	719	682	637	584	541	482	413
VSS 612_60_20	-	20	15		1.040	853	830	804	787	758	719	673	617	571	509	436
VSS 612_60_21	-	20	15		1.093	896	873	846	827	794	755	705	646	600	535	459
VSS 612_60_22	-	20	15		1.142	938	915	886	866	833	791	738	679	627	561	479
VSS 612_60_23	-	20	15		1.194	981	955	925	906	869	827	771	709	656	584	502
VSS 612_60_24	-	25	18,5		1.247	1.024	997	965	945	909	863	807	738	686	610	525
VSS 612_60_25	-	25	18,5		1.299	1.066	1.040	1.007	984	948	899	840	771	715	637	545
VSS 612_60_26	-	25	18,5		1.352	1.109	1.079	1.047	1.024	984	935	873	801	742	663	568
VSS 612_60_27	-	25	18,5		1.404	1.152	1.122	1.086	1.063	1.024	971	906	833	771	689	591
VSS 612_60_28	-	25	18,5		1.457	1.194	1.165	1.129	1.102	1.060	1.007	938	863	801	712	610
VSS 612_60_29	-	25	18,5		1.506	1.237	1.204	1.168	1.142	1.099	1.043	974	892	827	738	633
VSS 612_60_30	-	30	22		1.558	1.280	1.247	1.207	1.181	1.135	1.079	1.007	925	856	764	656

The hydraulic working characteristics been calculated with water at 15 deg. C at the atmospherically pressure of 1 bar.
The Hydraulic characteristics given in the leaflet does not include the loss in the check valve.

Pump Diam. 3"



60 Hz seçim aralığı: Q= 10 m³ / sa - 20 m³ / sa
Standart Kilepe Çıkışı : NPT - Rp 3
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

Pompaılan 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:
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Operating range at 60 Hz: Q= 10 m³ / h - 20 m³ / h
Standard Outlet : NPT - Rp 3
Impeller type: Mixed flow
Rotation : CCW
Connection : According to NEMA Standard
Shaft Diameter : 19 mm Hexagon

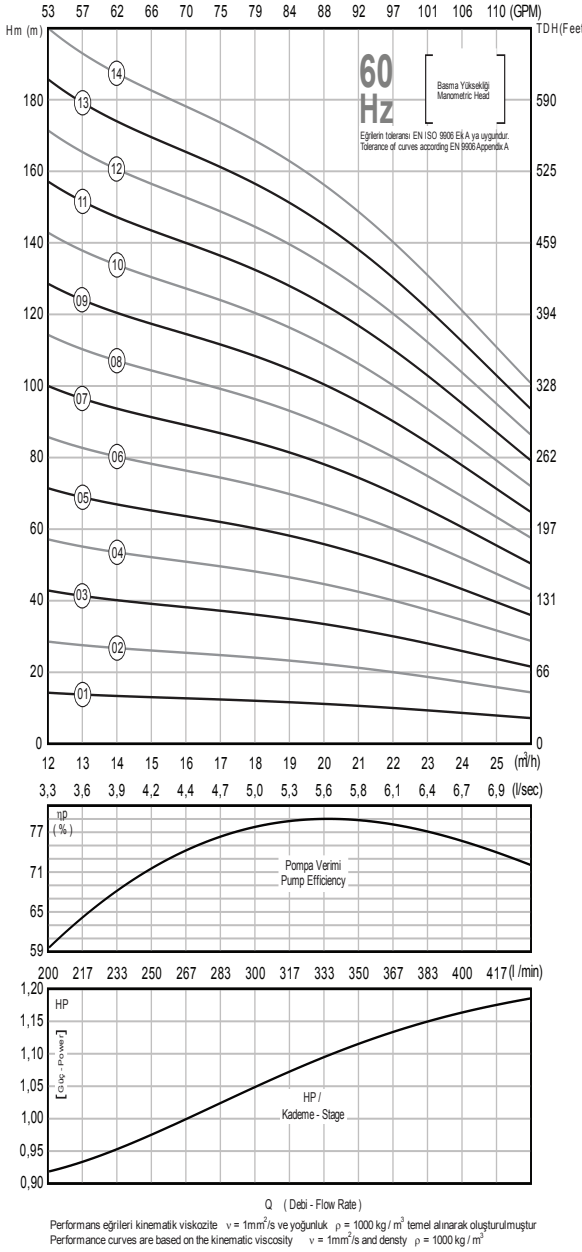
Minimum liquid level (NPSH) : 800 mm from bottom of suction grid
Maximum pump (Wet end) diameter - (Including cable guard): 133 mm

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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STAINLESS STEEL PUMP

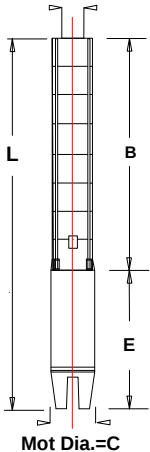


POMPA TİPİ PUMP TYPE	MOTOR MOTEUR			ÖLÇÜLER / DIMENSIONS (mm)										AĞIRLIK / WEIGHT (kg)					
	4" HP	6" HP	kW	6"-4"		6"-6"		4"		6"-4"		6"-6"		4"		6"-4"		6"-6"	
				L	L	E	E	B	B	$\Phi = C$	$\Phi = C$	PUMP Dia [mm]	ΦD	MOTOR		POMPA PUMP		TOPLAM TOTAL	
VSS 617_60_01	1	-	0,75	735	-	405	-	330	-	93	-	133	3"	9	-	6	-	15	-
VSS 617_60_02	2	-	1,5	823	-	432	-	391	-	93	-	133	3"	11	-	8	-	19	-
VSS 617_60_03	3	-	2,2	943	-	492	-	451	-	93	-	133	3"	14	-	9	-	23	-
VSS 617_60_04	4	-	3	1093	-	581	-	512	-	93	-	133	3"	19	-	10	-	29	-
VSS 617_60_05	5,5	5,5	4	1193	1202	621	630	572	572	93	145	133	3"	21	46	11	13	32	59
VSS 617_60_06	7,5	7,5	5,5	1373	1263	740	630	633	633	93	145	133	3"	25	46	12	14	37	60
VSS 617_60_07	7,5	7,5	5,5	1433	1323	740	630	693	693	93	145	133	3"	25	46	14	15	39	61
VSS 617_60_08	7,5	7,5	5,5	1494	1384	740	630	754	754	93	145	133	3"	25	46	15	16	40	62
VSS 617_60_09	10	10	7,5	1674	1464	860	650	814	814	93	145	133	3"	31	48	16	17	47	65
VSS 617_60_10	10	10	7,5	1735	1525	860	650	875	875	93	145	133	3"	31	48	17	19	48	67
VSS 617_60_11	-	12,5	9,2	-	1625	-	690	-	935	-	145	133	3"	-	50	-	20	-	70
VSS 617_60_12	-	12,5	9,2	-	1686	-	690	-	996	-	145	133	3"	-	50	-	21	-	71
VSS 617_60_13	-	12,5	9,2	-	1746	-	690	-	1056	-	145	133	3"	-	50	-	22	-	72
VSS 617_60_14	-	15	11	-	1847	-	730	-	1117	-	145	133	3"	-	56	-	23	-	79

POMPA TİPİ	MOTOR		m³/h	0	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	
PUMP TYPE	4"	6"	HP	l / min	0	200	217	233	250	267	283	300	317	333	350	367	383	400	417	433
	HP	HP		BBLs/d	0	1811	1962	2113	2264	2415	2566	2717	2868	3019	3170	3321	3472	3623	3774	3925
VSS 617_60_01	1		0,75	Total Dynamic Head [ft]	56	46	46	43	43	39	39	39	36	36	33	30	30	26	23	
VSS 617_60_02	2		1,5		115	95	92	89	85	85	82	79	75	72	69	66	62	56	52	46
VSS 617_60_03	3		2,2		171	141	135	131	128	125	121	118	115	112	105	98	92	85	79	72
VSS 617_60_04	4		3		226	187	180	177	171	167	161	157	154	148	141	131	125	115	105	95
VSS 617_60_05	5,5	5,5	4		282	236	226	220	213	210	203	197	190	184	174	164	154	141	131	118
VSS 617_60_06	7,5	7,5	5,5		341	282	272	262	256	253	243	236	230	220	210	194	184	171	157	141
VSS 617_60_07	7,5	7,5	5,5		397	328	315	308	299	292	282	279	269	256	243	226	217	200	184	164
VSS 617_60_08	7,5	7,5	5,5		453	374	361	351	341	335	325	318	305	292	279	259	246	226	210	187
VSS 617_60_09	10	10	7,5		512	423	407	394	384	377	364	358	345	331	315	292	276	256	233	213
VSS 617_60_10	10	10	7,5		568	469	453	440	427	420	404	397	384	367	348	325	308	285	259	236
VSS 617_60_11	-	12,5	9,2		623	515	495	482	472	459	446	436	420	404	384	358	338	315	285	259
VSS 617_60_12	-	12,5	9,2		679	564	541	528	515	502	486	476	459	440	420	390	371	341	312	282
VSS 617_60_13	-	12,5	9,2		738	610	587	571	558	545	525	515	499	476	453	423	400	371	338	305
VSS 617_60_14	-	15	11		794	656	633	614	600	587	568	554	535	515	489	456	430	400	364	328

The hydraulic working characteristics been calculated with water at 15 deg. C at the atmospherically pressure of 1 bar.
The Hydraulic characteristics given in the leaflet does not include the loss in the check valve.

Pump Diam. 3"



60 Hz seçim aralığı: Q= 12 m³/sa - 26 m³/sa
Standart Klepe Çıkışı : NPT - Rp 3
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
TS EN ISO 12100-1:2007 TS EN ISO 12100-2:2006

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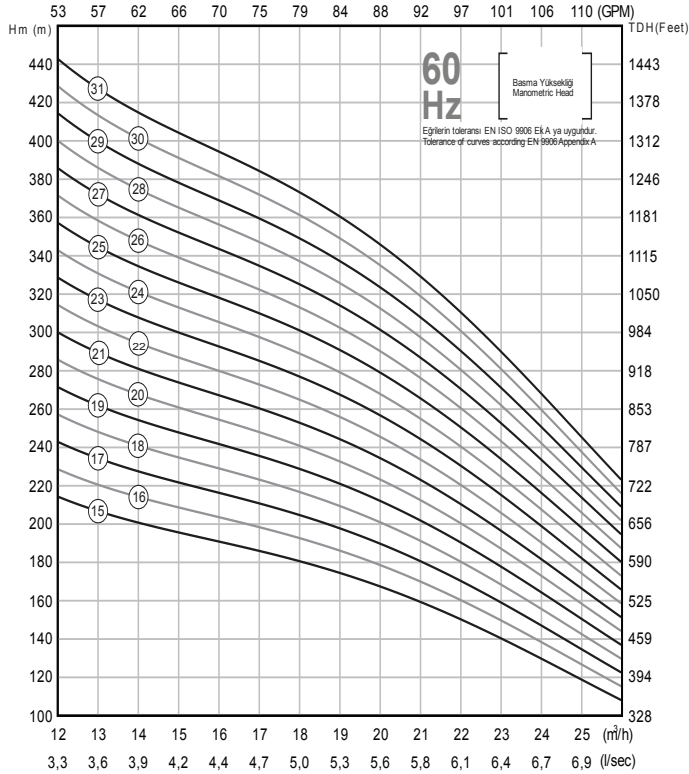
Operating range at 60 Hz: Q= 12 m³/h - 26 m³/h
Standard Outlet : NPT - Rp 3
Impeller type: Mixed flow
Rotation : CCW
Connection : According to NEMA Standard
Shaft Diameter : 20 mm

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

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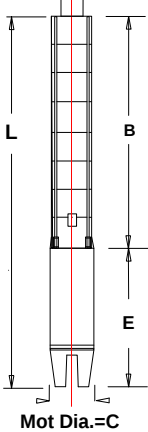
POMPA TİPİ PUMP TYPE	MOTOR MOTEUR		ÖLÇÜLER / DIMENSIONS (mm)							AĞIRLIK / WEIGHT (kg)		
			6"-6"		4"	6"	6'-6"	6"	PUMP Dia [mm]	Φ D	MOTOR	PUMP
	6" HP	kW	L	E	E	B	Φ = C					
	6"	6"	6"	6"	6"	6"	6"					
VSS 617_60_15	15	11	1907	-	730	1177	145	133	3"	56	25	81
VSS 617_60_16	17,5	13	2018	-	780	1238	145	133	3"	60	26	86
VSS 617_60_17	17,5	13	2078	-	780	1298	145	133	3"	60	27	87
VSS 617_60_18	17,5	13	2139	-	780	1359	145	133	3"	60	28	88
VSS 617_60_19	20	15	2249	-	830	1419	145	133	3"	66	29	95
VSS 617_60_20	20	15	2310	-	830	1480	145	133	3"	66	30	96
VSS 617_60_21	20	15	2370	-	830	1540	145	133	3"	66	32	98
VSS 617_60_22	25	18,5	2497	-	880	1617	145	133	3"	72	34	106
VSS 617_60_23	25	18,5	2557	-	880	1677	145	133	3"	72	35	107
VSS 617_60_24	25	18,5	2618	-	880	1738	145	133	3"	72	36	108
VSS 617_60_25	25	18,5	2678	-	880	1798	145	133	3"	72	37	109
VSS 617_60_26	25	18,5	2739	-	880	1859	145	133	3"	72	39	111
VSS 617_60_27	30	22	2899	-	980	1919	145	133	3"	82	40	122
VSS 617_60_28	30	22	2960	-	980	1980	145	133	3"	82	41	123
VSS 617_60_29	30	22	3020	-	980	2040	145	133	3"	82	42	124
VSS 617_60_30	30	22	3081	-	980	2101	145	133	3"	82	43	125
VSS 617_60_31	30	22	3141	-	980	2161	145	133	3"	82	45	127

POMPA TIPI PUMP TYPE	MOTOR		m³/h																			
	6"	l / min	0	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26				
	HP	kW	BBLs/d	0	1811	1962	2113	2264	2415	2566	2717	2868	3019	3170	3321	3472	3623	3774	3925			
VSS 617_60_15	15	11		850	705	679	659	643	627	607	594	574	551	522	489	463	427	390	354			
VSS 617_60_16	17,5	13		906	751	722	702	686	669	646	633	614	587	558	518	492	456	417	377			
VSS 617_60_17	17,5	13		965	797	768	745	728	712	689	673	650	623	594	551	525	486	443	400			
VSS 617_60_18	17,5	13		1.020	843	814	791	771	755	728	712	689	659	627	584	554	512	469	423			
VSS 617_60_19	20	15		1.076	892	860	833	814	794	768	755	728	699	663	617	584	541	495	446			
VSS 617_60_20	20	15		1.135	938	902	879	856	837	810	794	764	735	699	650	617	571	522	469			
VSS 617_60_21	20	15		1.191	984	948	922	899	879	850	833	804	771	732	682	646	597	548	495			
VSS 617_60_22	25	18,5		1.247	1.034	994	965	942	922	889	873	840	807	768	715	676	627	574	518			
VSS 617_60_23	25	18,5		1.303	1.079	1.040	1.011	984	961	932	912	879	843	801	748	709	656	600	541			
VSS 617_60_24	25	18,5		1.362	1.125	1.083	1.053	1.027	1.004	971	951	919	879	837	781	738	682	627	564			
VSS 617_60_25	25	18,5		1.417	1.175	1.129	1.096	1.070	1.047	1.011	991	955	919	873	814	771	712	653	587			
VSS 617_60_26	25	18,5		1.473	1.221	1.175	1.142	1.112	1.089	1.053	1.030	994	955	906	846	801	742	679	610			
VSS 617_60_27	30	22		1.532	1.266	1.221	1.184	1.155	1.129	1.093	1.070	1.034	991	942	876	830	771	702	637			
VSS 617_60_28	30	22		1.588	1.312	1.266	1.230	1.198	1.171	1.132	1.109	1.070	1.027	978	909	863	797	728	659			
VSS 617_60_29	30	22		1.644	1.362	1.309	1.273	1.240	1.214	1.175	1.148	1.109	1.063	1.011	942	892	827	755	682			
VSS 617_60_30	30	22		1.700	1.408	1.355	1.316	1.283	1.257	1.214	1.188	1.148	1.102	1.047	974	925	856	781	705			
VSS 617_60_31	30	22		1.759	1.453	1.401	1.362	1.326	1.296	1.253	1.230	1.184	1.139	1.079	1.007	955	883	807	728			

The hydraulic working characteristics been calculated with water at 15 deg. C at the atmospherically pressure of 1 bar.
The Hydraulic characteristics given in the leaflet does not include the loss in the check valve.

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 $\rho = 1000 \text{ kg/m}^3$

Pump Diam. 3"



60 Hz seçim aralığı: $Q = 12 \text{ m}^3/\text{sa} - 26 \text{ m}^3/\text{sa}$
Standart Klepe Çıkışı : NPT - Rp 3
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/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 60 Hz: $Q = 12 \text{ m}^3/\text{h} - 26 \text{ m}^3/\text{h}$
Standard Outlet : NPT - Rp 3
Impeller type: Mixed flow
Rotation : CCW
Connection : According to NEMA Standard
Shaft Diameter : 20 mm

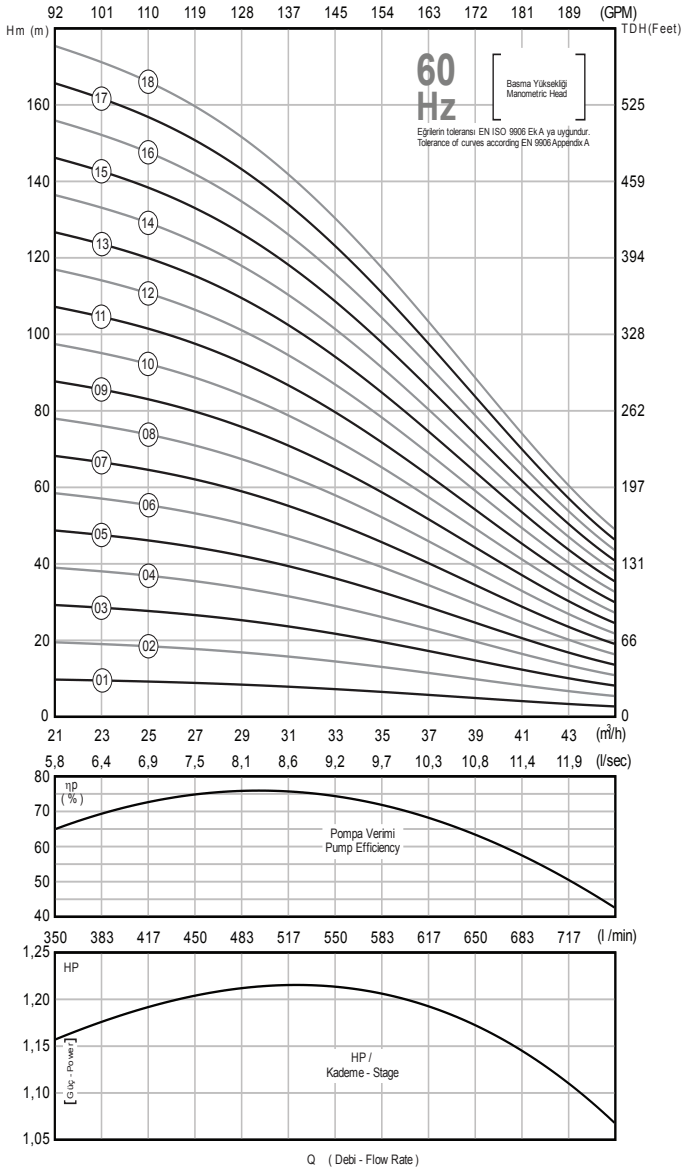
Minimum liquid level (NPSH) : 800 mm from bottom of suction grid
Maximum pump (Wet end) diameter - (Including cable guard): 133 mm

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

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STAINLESS STEEL PUMP



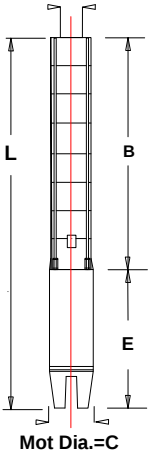
Performans eğrileri kinematik viskozite $\nu = 1 \text{ mm}^2/\text{s}$ ve yoğunluk $\rho = 1000 \text{ kg/m}^3$ temel alınarak oluşturulmuştur.
Performance curves are based on the kinematic viscosity $\nu = 1 \text{ mm}^2/\text{s}$ and density $\rho = 1000 \text{ kg/m}^3$

POMPA TİPİ PUMP TYPE	MOTOR MOTEUR		ÖLÇÜLER / DIMENSIONS (mm)										AĞIRLIK / WEIGHT (kg)					
	4" HP	6" HP	8" HP	4" L	6" L	8" L	4" E	6" E	8" E	4" B	6" B	8" B	4" C	6" C	8" C	4" Dia	6" Dia	8" Dia
VSS 624_60_01	1,5	1,1		789	425	364	93	133	3"							10	7	17
VSS 624_60_02	3	2,2		952	492	460	93	133	3"							14	8	22
VSS 624_60_03	4	3		1137	581	556	93	133	3"							19	10	29
VSS 624_60_04	5,5	5,5	4	1273	1282	621	630	652	652	93	145	133	3"			21	46	12
VSS 624_60_05	7,5	7,5	5,5	1488	1378	740	630	748	748	93	145	133	3"			25	46	14
VSS 624_60_06	10	10	7,5	1704	1494	860	650	844	844	93	145	133	3"			31	48	16
VSS 624_60_07	10	10	7,5	1800	1590	860	650	940	940	93	145	133	3"			31	48	17
VSS 624_60_08	10	10	7,5	1896	1686	860	650	1036	1036	93	145	133	3"			31	48	19
VSS 624_60_09	12,5	9,2		1822	690		1132	145	133	3"						50	22	72
VSS 624_60_10	12,5	9,2		1918	690		1228	145	133	3"						50	24	74
VSS 624_60_11	15	11		2054	730		1324	145	133	3"						56	25	81
VSS 624_60_12	15	11		2150	730		1420	145	133	3"						56	27	83
VSS 624_60_13	17,5	13		2296	780		1516	145	133	3"						60	28	88
VSS 624_60_14	17,5	13		2392	780		1612	145	133	3"						60	30	90
VSS 624_60_15	20	15		2538	830		1708	145	133	3"						66	31	97
VSS 624_60_16	20	15		2634	830		1804	145	133	3"						66	33	99
VSS 624_60_17	20	15		2730	830		1900	145	133	3"						66	34	100
VSS 624_60_18	25	18,5		2876	880		1996	145	133	3"						72	36	108

POMPA TİPİ PUMP TYPE	MOTOR MOTEUR		m³/h															
	4" HP	6" HP	8" HP	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
VSS 624_60_01	1,5	1,1		39	33	30	30	26	23	20	16	13	10					
VSS 624_60_02	3	2,2		82	66	62	59	52	46	39	33	26	16					
VSS 624_60_03	4	3		121	95	92	89	79	72	62	46	36	26					
VSS 624_60_04	5,5	5,5	4	164	128	121	118	108	95	82	62	49	36					
VSS 624_60_05	7,5	7,5	5,5	203	161	154	148	135	118	102	79	62	46					
VSS 624_60_06	10	10	7,5	246	194	184	174	161	141	121	95	75	52					
VSS 624_60_07	10	10	7,5	285	223	213	203	187	167	144	112	89	62					
VSS 624_60_08	10	10	7,5	328	256	246	233	213	190	164	128	98	72					
VSS 624_60_09	12,5	9,2		367	289	276	262	240	213	184	141	112	79					
VSS 624_60_10	12,5	9,2		407	322	305	292	266	236	203	157	125	89					
VSS 624_60_11	15	11		449	351	338	322	292	259	223	174	138	98					
VSS 624_60_12	15	11		489	384	367	351	322	285	246	190	151	105					
VSS 624_60_13	17,5	13		532	417	397	381	348	308	266	207	161	115					
VSS 624_60_14	17,5	13		571	449	430	410	374	331	285	220	174	125					
VSS 624_60_15	20	15		614	479	459	440	400	354	305	236	187	135					
VSS 624_60_16	20	15		653	512	492	469	427	381	328	253	200	141					
VSS 624_60_17	20	15		692	545	522	499	453	404	348	269	213	151					
VSS 624_60_18	25	18,5		735	577	551	525	479	427	367	285	223	161					

The hydraulic working characteristics been calculated with water at 15 deg. C at the atmospherically pressure of 1 bar.
The Hydraulic characteristics given in the leaflet does not include the loss in the check valve.

Pump Diam. 3"



60 Hz seçim aralığı: Q= 21 m³/sa - 45 m³/sa
Standart Klepe Çıkışı : NPT - Rp 3
Fan tipi: Semiaksiyel
Dönüş : Saat Yönü Tersi
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
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
TS EN ISO 12100-1:2007 TS EN ISO 12100-2:2006

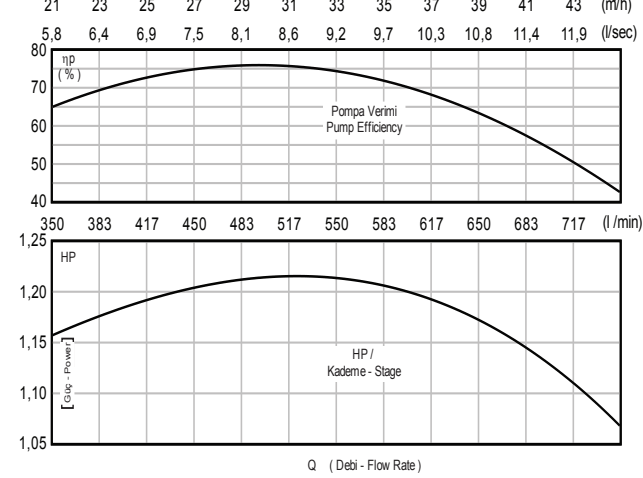
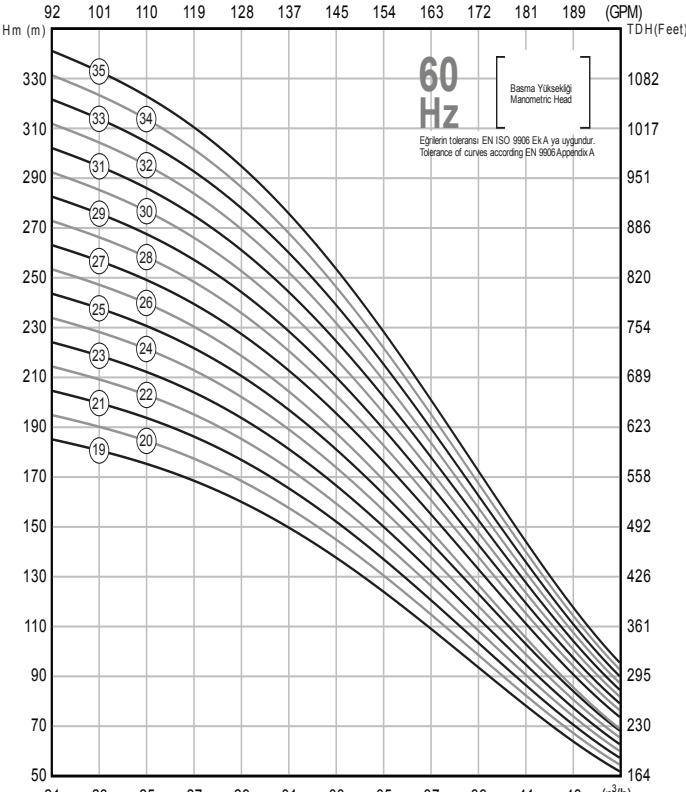
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Operating range at 60 Hz: Q= 21 m³/h - 45 m³/h
Standard Outlet : NPT - Rp 3
Impeller type: Mixed flow
Rotation : CCW
Connection : According to NEMA Standard
Shaft Diameter : 22 mm

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

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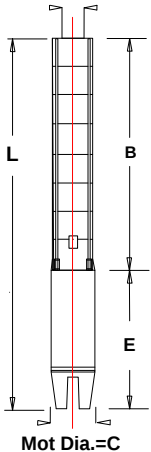
Performans eğrileri kinematik viskozite $\nu = 1 \text{ mm}^2/\text{s}$ ve yoğunluk $\rho = 1000 \text{ kg/m}^3$ temel alınarak oluşturulmuştur.
Performance curves are based on the kinematic viscosity $\nu = 1 \text{ mm}^2/\text{s}$ and density $\rho = 1000 \text{ kg/m}^3$

POMPA TİPİ PUMP TYPE	MOTOR MOTEUR		ÖLÇÜLER / DIMENSIONS (mm)											AĞIRLIK / WEIGHT (kg)										
			6"-6"		6"-8"		4"	6"	8"		6"-6"	6"-8"	6"	8"	PUMP Dia [mm]	Ø D	MOTOR		POMPA PUMP				TOPLAM TOTAL	
	6" HP	8" HP	kW	L	L	E	E	B	B	Ø C	Ø C	6"	8"	6"-4"			6"-6"	6"-8"	6"-4"	6"-6"	6"-8"			
VSS 624_60_19	25	18,5	2972			880		2092		145		133	3"	72			37						109	
VSS 624_60_20	25	18,5	3068			880		2188		145		133	3"	72			39						111	
VSS 624_60_21	25	18,5	3180			880		2300		145		133	3"	72			41						113	
VSS 624_60_22	25	18,5	3276			880		2396		145		133	3"	72			42						114	
VSS 624_60_23	30	30	22	3472	3451	980	930	2492	2521	145	195	133	3"	82	121	44	47						126 168	
VSS 624_60_24	30	30	22	3568	3547	980	930	2588	2617	145	195	133	3"	82	121	45	48						127 169	
VSS 624_60_25	30	30	22	3664	3643	980	930	2684	2713	145	195	133	3"	82	121	47	50						129 171	
VSS 624_60_26	30	30	22	3760	3739	980	930	2780	2809	145	195	133	3"	82	121	48	51						130 172	
VSS 624_60_27	35	35	26	3906	3945	1030	1040	2876	2905	145	195	133	3"	88	140	50	53						138 193	
VSS 624_60_28	35	35	26	4002	4041	1030	1040	2972	3001	145	195	133	3"	88	140	51	54						139 194	
VSS 624_60_29	35	35	26	4098	4137	1030	1040	3068	3097	145	195	133	3"	88	140	53	56						141 196	
VSS 624_60_30	35	35	26	4194	4233	1030	1040	3164	3193	145	195	133	3"	88	140	54	57						142 197	
VSS 624_60_31	40	40	30	4370	4329	1110	1040	3260	3289	145	195	133	3"	98	140	56	59						154 199	
VSS 624_60_32	40	40	30	4466	4425	1110	1040	3356	3385	145	195	133	3"	98	140	57	60						155 200	
VSS 624_60_33	40	40	30	4562	4521	1110	1040	3452	3481	145	195	133	3"	98	140	59	62						157 202	
VSS 624_60_34	40	40	30	4658	4617	1110	1040	3548	3577	145	195	133	3"	98	140	60	63						158 203	
VSS 624_60_35	40	40	30	4754	4713	1110	1040	3644	3673	145	195	133	3"	98	140	62	65						160 205	

POMPA TİPİ PUMP TYPE	MOTOR MOTEUR				m³/h	0	21	24	27	30	33	36	39	42	45					
					l / min	0	350	400	450	500	550	600	650	700	750					
						HP	HP	HP	kW	BBLs/d	0	3170	3623	4076	4529	4982	5434	5887	6340	6793
	4"	6"	8"																	
VSS 624_60_19	25 18,5				Total Dynamic Head [ft]	774	607	584	554	509	449	387	302	236	167					
VSS 624_60_20	25 18,5					817	640	614	584	535	476	407	315	249	177					
VSS 624_60_21	25 18,5					856	673	643	614	561	499	430	331	262	187					
VSS 624_60_22	25 18,5					899	705	676	643	587	522	449	348	276	194					
VSS 624_60_23	30 30 22					938	735	705	673	614	545	469	364	285	203					
VSS 624_60_24	30 30 22					981	768	735	702	640	568	489	381	299	213					
VSS 624_60_25	30 30 22					1.020	801	768	732	666	594	509	394	312	223					
VSS 624_60_26	30 30 22					1.060	833	797	761	696	617	532	410	325	230					
VSS 624_60_27	35 35 26					1.102	863	827	791	722	640	551	427	338	240					
VSS 624_60_28	35 35 26					1.142	896	860	820	748	663	571	443	348	249					
VSS 624_60_29	35 35 26					1.184	929	889	846	774	689	591	459	361	256					
VSS 624_60_30	35 35 26					1.224	961	919	876	801	712	614	472	374	266					
VSS 624_60_31	40 40 30					1.266	991	951	906	827	735	633	489	387	276					
VSS 624_60_32	40 40 30					1.306	1.024	981	935	853	758	653	505	400	282					
VSS 624_60_33	40 40 30					1.348	1.056	1.011	965	879	781	673	522	410	292					
VSS 624_60_34	40 40 30					1.388	1.089	1.043	994	909	807	692	538	423	302					
VSS 624_60_35	40 40 30				1.427	1.119	1.073	1.024	935	830	715	554	436	312						

The hydraulic working characteristics been calculated with water at 15 deg. C at the atmospheric pressure of 1 bar.
The Hydraulic characteristics given in the leaflet does not include the loss in the check valve.

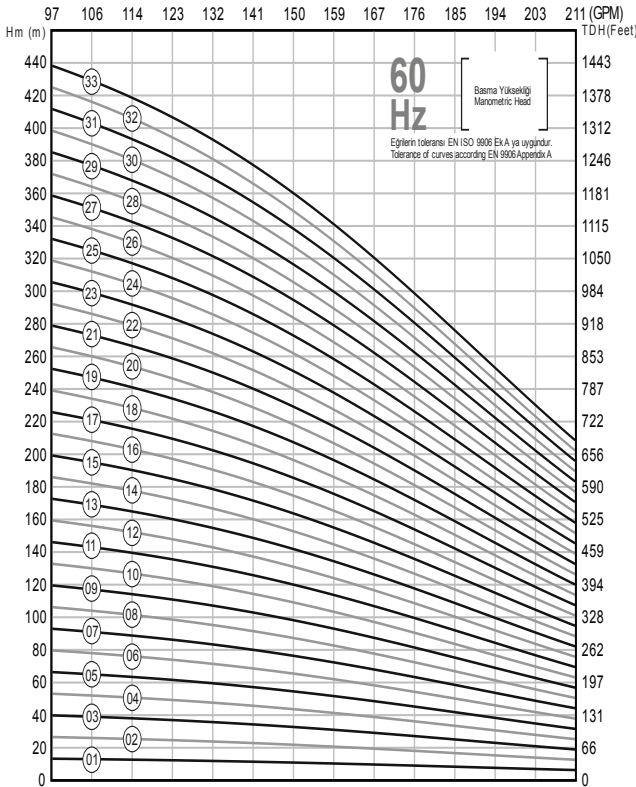
Pump Diam. 3"



60 Hz seçim aralığı: Q= 21 m³/sa - 45 m³/sa Standart Klepe Çıkışı : NPT - Rp 3 Fan tipi : Semiaksiyel Dönüş : Saat Yönü Tersi 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 veren maksimum kum miktarı = 50 g/m³ İzin verilen katı parçacık ölçüsü: Max 2mm	
İmalat ve güvenlik standartları: TS 11146:1993 TS EN ISO 12100-1:2007	Tarih 10/2012 REV. 0
TS EN 809:2000 98/37/EC TS EN ISO 12100-2:2006	

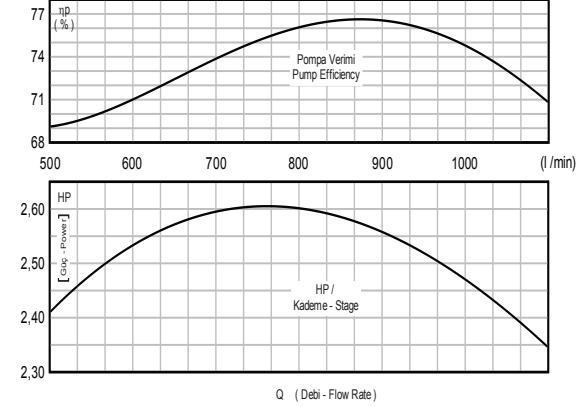
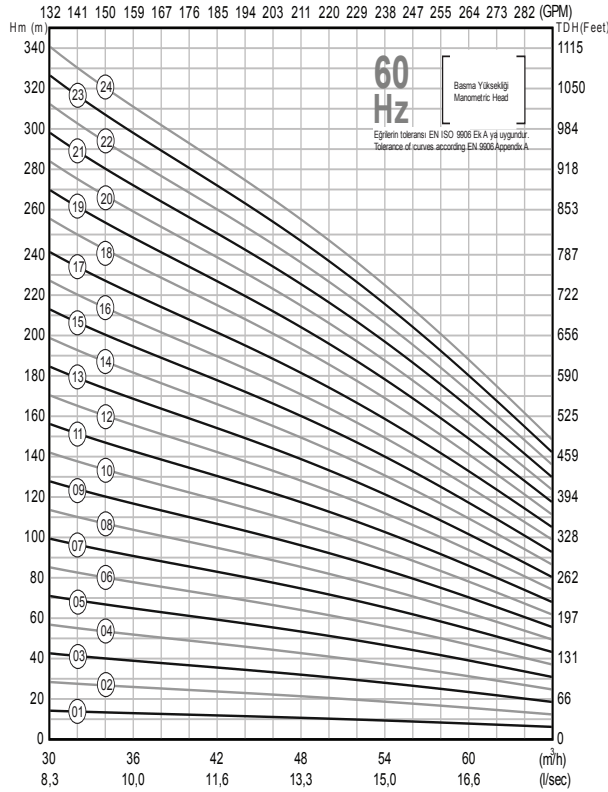
Operating range at 60 Hz: Q= 21 m³/h - 45 m³/h Standard Outlet : NPT - Rp 3 Impeller type: Mixed flow Rotation : CCW Connection : According to NEMA Standard Shaft Diameter : 22 mm	
Minimum liquid level (NPSH) : 800 mm from bottom of suction grid Maximum pump (Wet end) diameter - (Including cable guard): 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 ISO 12100-1:2007	Date 10/2012 REV. 0
TS EN 809:2000 98/37/EC TS EN ISO 12100-2:2006	

STAINLESS STEEL PUMP



POMPA TİPİ PUMP TYPE	MOTOR MOTEUR	ÖLÇÜLER / DIMENSIONS												AĞIRLIK / WEIGHT [kg]													
														PUMP Dia [mm]	Ø D	MOTOR		POMPA PUMP		TOPLAM TOTAL							
		6"-4"	6"-6"	6"-8"	4"	6"	8"	6"-4"	6"-6"	6"-8"	4"	6"	8"			4"	6"	6"-4"	6"-6"	6"-4"	6"-6"	6"-4"					
4" HP	6" HP	8" HP	kW	L	L	L	E	E	E	B	B	B	Ø C	Ø C	Ø C		4"	6"	8"	6"-4"	6"-6"	6"-4"	6"-6"	6"-4"	6"-6"	6"-4"	
VSS 630_60_01	1.5	-	-	1.1	789	-	-	-	425	-	364	-	93	-	133	3"	10	-	7	-	17	-	-	-	-	-	
VSS 630_60_02	3	-	-	2.2	952	-	-	-	492	-	460	-	93	-	133	3"	14	-	8	-	22	-	-	-	-	-	
VSS 630_60_03	5.5	5.5	-	4	1177	1186	-	621	630	-	556	556	-	93	145	-	133	3"	21	46	10	13	-	31	59	-	
VSS 630_60_04	7.5	7.5	-	5.5	1392	1282	-	740	630	-	652	652	-	93	145	-	133	3"	25	46	-	12	15	-	37	61	
VSS 630_60_05	7.5	7.5	-	5.5	1608	1398	-	860	650	-	748	748	-	93	145	-	133	3"	31	48	-	14	16	-	45	64	
VSS 630_60_06	10	10	-	7.5	1704	1494	-	860	650	-	844	844	-	93	145	-	133	3"	31	48	-	16	18	-	47	66	
VSS 630_60_07	-	12.5	-	9.2	-	1630	-	-	690	-	-	940	-	145	-	133	3"	-	50	-	19	-	-	-	-		
VSS 630_60_08	-	12.5	-	9.2	-	1766	-	-	730	-	-	1036	-	145	-	133	3"	-	56	-	21	-	-	77	-		
VSS 630_60_09	-	15	-	11	-	1912	-	-	780	-	-	1132	-	145	-	133	3"	-	60	-	22	-	-	82	-		
VSS 630_60_10	-	17.5	-	13	-	2008	-	-	780	-	-	1228	-	145	-	133	3"	-	60	-	24	-	-	84	-		
VSS 630_60_11	-	17.5	-	13	-	2154	-	-	830	-	-	1324	-	145	-	133	3"	-	66	-	25	-	-	91	-		
VSS 630_60_12	-	20	-	15	-	2250	-	-	830	-	-	1420	-	145	-	133	3"	-	66	-	27	-	-	93	-		
VSS 630_60_13	-	20	-	15	-	2396	-	-	880	-	-	1516	-	145	-	133	3"	-	72	-	28	-	-	100	-		
VSS 630_60_14	-	25	-	18.5	-	2492	-	-	880	-	-	1612	-	145	-	133	3"	-	72	-	30	-	-	102	-		
VSS 630_60_15	-	25	-	18.5	-	2688	-	-	980	-	-	1708	-	145	-	133	3"	-	82	-	31	-	-	113	-		
VSS 630_60_16	-	25	-	18.5	-	2784	-	-	980	-	-	1804	-	145	-	133	3"	-	82	-	33	-	-	115	-		
VSS 630_60_17	-	30	30	22	-	2880	2875	-	980	930	-	1900	1945	-	145	195	133	3"	-	82	121	-	34	38	-	116	159
VSS 630_60_18	-	30	30	22	-	2976	2971	-	980	930	-	1996	2041	-	145	195	133	3"	-	82	121	-	36	39	-	118	160
VSS 630_60_19	-	30	30	22	-	3072	3067	-	980	930	-	2092	2137	-	145	195	133	3"	-	82	121	-	37	41	-	119	162
VSS 630_60_20	-	30	30	22	-	3168	3163	-	980	930	-	2188	2233	-	145	195	133	3"	-	82	121	-	39	42	-	121	163
VSS 630_60_21	-	35	35	26	-	3330	3369	-	1020	1040	-	2300	2329	-	145	195	133	3"	-	88	140	-	41	44	-	129	184
VSS 630_60_22	-	35	35	26	-	3426	3465	-	1020	1040	-	2396	2425	-	145	195	133	3"	-	88	140	-	42	45	-	130	185
VSS 630_60_23	-	40	40	30	-	3602	3561	-	1110	1040	-	2492	2521	-	145	195	133	3"	-	98	140	-	44	47	-	142	187
VSS 630_60_24	-	40	40	30	-	3698	3657	-	1110	1040	-	2588	2617	-	145	195	133	3"	-	98	140	-	45	48	-	143	188
VSS 630_60_25	-	40	40	30	-	3794	3753	-	1110	1040	-	2684	2713	-	145	195	133	3"	-	98	140	-	47	50	-	145	190
VSS 630_60_26	-	40	40	30	-	3890	3849	-	1110	1040	-	2780	2809	-	145	195	133	3"	-	98	140	-	48	51	-	146	191
VSS 630_60_27	-	50	50	37	-	4066	3975	-	1190	1070	-	2876	2905	-	145	195	133	3"	-	106	146	-	50	53	-	156	199
VSS 630_60_28	-	50	50	37	-	4162	4071	-	1190	1070	-	2972	3001	-	145	195	133	3"	-	106	146	-	51	54	-	157	200
VSS 630_60_29	-	50	50	37	-	4258	4167	-	1190	1070	-	3068	3097	-	145	195	133	3"	-	106	146	-	53	56	-	159	202
VSS 630_60_30	-	50	50	37	-	4354	4263	-	1190	1070	-	3164	3193	-	145	195	133	3"	-	106	146	-	54	57	-	160	203
VSS 630_60_31	-	50	50	37	-	4450	4359	-	1190	1070	-	3260	3289	-	145	195	133	3"	-	106	146	-	56	59	-	162	205
VSS 630_60_32	-	50	50	37	-	4546	4455	-	1190	1070	-	3356	3385	-	145	195	133	3"	-	106	146	-	57	60	-	163	206
VSS 630_60_33	-	60	60	45	-	4722	4611	-	1270	1130	-	3452	3481	-	145	195	133	3"	-	116	158	-	59	62	-	175	220

POMPA TİPİ PUMP TYPE	MOTOR MOTEUR			m³/h l/min BRL/s	0 22 24 26 28 30 32 34 36 38 40 42 48												
	4" HP	6" HP	8" HP		0.00 367 400 433 467 500 533 567 600 633 667 700 800												
					0 3321 3623 3925 4227 4529 4831 5132 5434 5736 6038 6340 7246												
				Total Dynamic Head [ft.]	56	43	43	39	36	33	33	33	30	26	20		
VSS 630_60_01	1.5	-	-		1.1	112	89	85	82	82	79	75	72	69	62	59	56
VSS 630_60_02	3	-	-	2.2	167	131	128	125	121	118	112	108	102	95	89	82	62
VSS 630_60_04	7.5	7.5	-	5.5	220	174	171	167	161	157	151	144	135	125	121	112	82
VSS 630_60_05	7.5	7.5	-	5.5	276	217	213	207	203	197	187	180	167	157	151	138	105
VSS 630_60_06	10	10	-	7.5	331	262	256	249	243	233	226	217	203	190	180	164	125
VSS 630_60_07	-	12.5	-	9.2	387	305	299	292	282	272	262	253	236	220	210	194	144
VSS 630_60_08	-	12.5	-	9.2	443	348	341	331	325	312	302	289	269	253	240	220	164
VSS 630_60_09	-	15	-	11	499	394	384	374	364	351	338	325	302	282	269	246	187
VSS 630_60_10	-	17.5	-	13	551	436	427	417	404	390	377	361	338	315	299	276	207
VSS 630_60_11	-	17.5	-	13	607	479	469	456	443	430	413	397	371	348	328	302	226
VSS 630_60_12	-	20	-	15	663	525	512	499	486	469	453	433	404	377	361	331	249
VSS 630_60_13	-	20	-	15	719	568	554	541	525	509	489	469	436	410	390	358	269
VSS 630_60_14	-	25	-	18.5	774	610	597	581	564	548	525	505	472	440	420	384	289
VSS 630_60_15	-	25	-	18.5	830	653	640	623	607	587	564	541	505	472	449	413	312
VSS 630_60_16	-	25	-	18.5	886	699	682	666	646	627	600	577	538	505	479	440	331
VSS 630_60_17	-	30	30	22	938	742	725	705	686	663	640	614	571	535	509	466	351
VSS 630_60_18	-	30	30	22	994	784	768	748	728	702	676	650	607	568	538	495	371
VSS 630_60_19	-	30	30	22	1.050	830	810	791	768	742	715	686	640	597	571	522	394
VSS 630_60_20	-	30	30	22	1.106	873	853	830	807	781	751	722	673	630	600	551	433
VSS 630_60_21	-	35	35	26	1.161	915	896	873	850	820	791	758	705	663	630	577	443
VSS 630_60_22	-	35	35	26	1.217	961	938	912	889	860	827	794	742	692	659	604	456
VSS 630_60_23	-	40	40	30	1.270	1.004	981	955	929	899	866	830	774	725	689	633	476
VSS 630_60_24	-	40	40	30	1.326	1.047	1.024	997	971	938	902	866	807	755	719	659	495
VSS 630_60_25	-	40	40	30	1.381	1.089	1.066	1.037	1.011	978	942	902	840	787	748	686	518
VSS 630_60_26	-	40	40	30	1.437	1.135	1.109	1.079	1.050	1.017	978	938	876	820	778	715	538
VSS 630_60_27	-	50	50	37	1.493	1.178	1.152	1.122	1.093	1.056	1.017	974	909	850	810	742	558
VSS 630_60_28	-	50	50	37	1.549	1.221	1.194	1.161	1.132	1.093	1.053	1.011	942	883	840	771	577
VSS 630_60_29	-	50	50	37	1.604	1.266	1.237	1.204	1.171	1.132	1.089	1.047	974	912	869	797	600
VSS 630_60_30	-	50	50	37	1.657	1.309	1.280	1.247	1.214	1.171	1.129	1.083	1.011	945	899	824	620
VSS 630_60_31	-	50	50	37	1.713	1.352	1.322	1.286	1.253	1.211	1.165	1.119	1.043	978	929	853	640
VSS 630_60_32	-	50	50	37	1.768	1.398	1.365	1.329	1.293	1.250	1.204	1.155	1.076	1.007	958	879	663
VSS 630_60_33	-	60	60	45	1.824	1.440	1.408	1.371	1.332	1.289	1.240	1.191	1.109	1.040	988	906	682



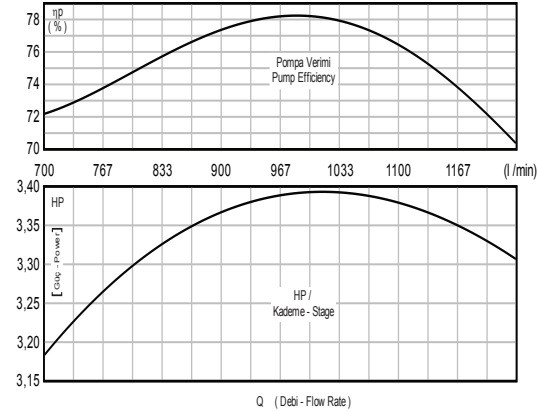
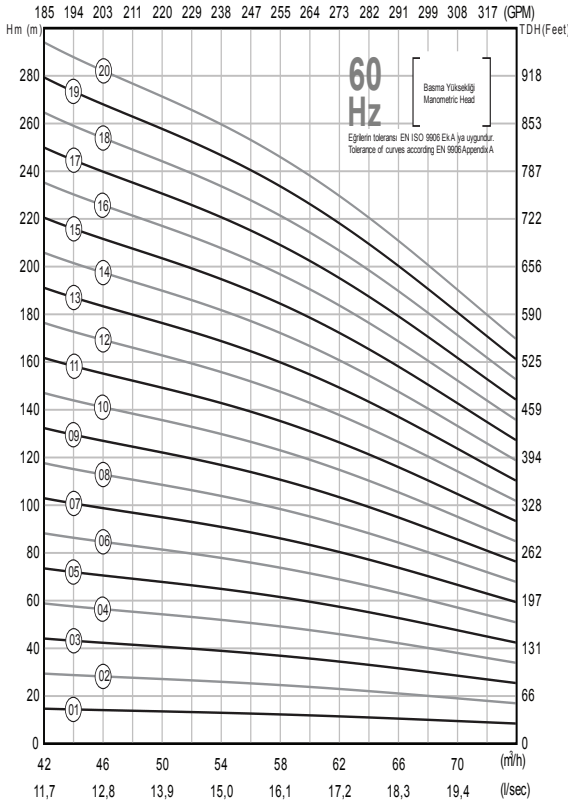
POMPA TİPİ PUMP TYPE	MOTOR MOTEUR				ÖLÇÜLER / DIMENSIONS (mm)														AĞIRLIK / WEIGHT (kg)							
					6"-4"				6"-6"				6"-8"				PUMP Dia (mm)		MOTOR		POMPA PUMP		TOPLAM TOTAL			
	4" HP	6" HP	8" HP	kW	L	L	E	E	E	B	B	Φ C	Φ C	Φ C	Φ D	4"	6"	8"	6"-4"	6"-6"	6"-8"	6"-4"	6"-6"	6"-8"		
VSS 636_60_01	3			2,2	877			492			385			93		145	4"	14		7		21				
VSS 636_60_02	5,5	5,5	4		1119	1128		621	630		498	498	93	145	145	4"	21	46	9	9	30	55				
VSS 636_60_03	10	10	7,5		1471	1261		860	650		611	611	93	145	145	4"	31	48	11	12	42	60				
VSS 636_60_04		12,5	9,2			1414		690			724			145	145	4"		50	14		14	64				
VSS 636_60_05		15	11			1567		730			837			145	145	4"		56		16		72				
VSS 636_60_06		15	11			1680		730			950			145	145	4"		56		18		74				
VSS 636_60_07		17,5	13			1843		780			1063			145	145	4"		60		20		80				
VSS 636_60_08		20	15			2006		830			1176			145	145	4"		66		22		88				
VSS 636_60_09		25	18,5			2169		880			1289			145	145	4"		72		24		96				
VSS 636_60_10		25	18,5			2282		880			1402			145	145	4"		72		26		98				
VSS 636_60_11		30	30	22		2495	2474	980	930		1515	1544	145	195	145	4"		82	121	29	32	111	153			
VSS 636_60_12		30	30	22		2608	2587	980	930		1628	1657	145	195	145	4"		82	121	31	34	113	155			
VSS 636_60_13		35	35	26		2771	2810	1030	1040		1741	1770	145	195	145	4"		88	140	33	36	121	176			
VSS 636_60_14		35	35	26		2884	2923	1030	1040		1854	1883	145	195	145	4"		88	140	35	38	123	178			
VSS 636_60_15		40	40	30		3077	3036	1110	1040		1967	1996	145	195	145	4"		98	140	37	40	135	180			
VSS 636_60_16		40	40	30		3190	3149	1110	1040		2080	2109	145	195	145	4"		98	140	39	42	137	182			
VSS 636_60_17		50	50	37		3383	3292	1190	1070		2193	2222	145	195	145	4"		106	146	41	44	147	190			
VSS 636_60_18		50	50	37		3496	3405	1190	1070		2306	2335	145	195	145	4"		106	146	43	46	149	192			
VSS 636_60_19		50	50	37		3609	3518	1190	1070		2419	2448	145	195	145	4"		106	146	45	49	151	195			
VSS 636_60_20		50	50	37		3738	3647	1190	1070		2548	2577	145	195	145	4"		106	146	48	51	154	197			
VSS 636_60_21		50	50	37		3851	3760	1190	1070		2661	2690	145	195	145	4"		106	146	50	53	156	199			
VSS 636_60_22		60	60	45		4044	3933	1270	1130		2774	2803	145	195	145	4"		116	158	53	56	169	214			
VSS 636_60_23		60	60	45		4157	4046	1270	1130		2887	2916	145	195	145	4"		116	158	55	58	171	216			
VSS 636_60_24		60	60	45		4270	4159	1270	1130		3000	3029	145	195	145	4"		116	158	57	60	173	218			

POMPA TİPİ PUMP TYPE	MOTOR MOTEUR				m³/h	0	30	36	42	48	54	60	66
	4"	6"	8"	kW	l / min BBLs/d	0	500	600	700	800	900	1000	1100
	HP	HP	HP			0	4529	5434	6340	7246	8152	9057	9963
VSS 636_60_01	3	-	-	2,2	Total Dynamic Head [ft]	62	46	43	39	36	30	26	20
VSS 636_60_02	5,5	5,5	-	4		125	92	85	79	69	62	52	39
VSS 636_60_03	10	10	-	7,5		190	141	128	118	105	92	79	59
VSS 636_60_04	-	12,5	-	9,2		253	187	171	154	141	121	102	82
VSS 636_60_05	-	15	-	11		315	233	213	194	174	154	128	102
VSS 636_60_06	-	15	-	11		377	279	256	233	210	184	154	121
VSS 636_60_07	-	17,5	-	13		440	325	299	272	246	213	180	141
VSS 636_60_08	-	20	-	15		502	374	341	312	279	243	207	161
VSS 636_60_09	-	25	-	18,5		568	420	384	351	315	276	233	180
VSS 636_60_10	-	25	-	18,5		630	466	423	390	351	305	256	203
VSS 636_60_11	-	30	30	22		692	512	466	427	384	335	282	223
VSS 636_60_12	-	30	30	22		755	558	509	466	420	367	308	243
VSS 636_60_13	-	35	35	26		817	607	551	505	456	397	335	262
VSS 636_60_14	-	35	35	26		883	653	594	545	489	427	361	282
VSS 636_60_15	-	40	40	30		945	699	637	584	525	459	387	302
VSS 636_60_16	-	40	40	30		1.007	745	679	623	561	489	410	322
VSS 636_60_17	-	50	50	37		1.070	791	722	663	594	518	436	345
VSS 636_60_18	-	50	50	37		1.132	840	764	699	630	548	463	364
VSS 636_60_19	-	50	50	37		1.194	886	807	738	666	581	489	384
VSS 636_60_20	-	50	50	37		1.260	932	850	778	699	610	515	404
VSS 636_60_21	-	50	50	37		1.322	978	892	817	735	640	541	423
VSS 636_60_22	-	60	60	45		1.385	1.024	935	856	771	673	568	443
VSS 636_60_23	-	60	60	45		1.447	1.073	978	896	804	702	591	466
VSS 636_60_24	-	60	60	45		1.509	1.119	1.020	935	840	732	617	486

STAINLESS STEEL PUMP

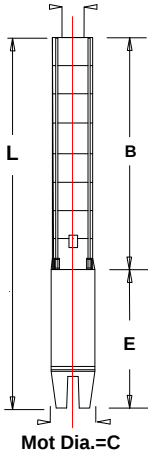
VASCO

60 Hz



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 $\rho = 1000 \text{ kg/m}^3$

Pump Diam. 3"



60 Hz seçim aralığı: $Q = 42 \text{ m}^3/\text{sa} - 74 \text{ m}^3/\text{sa}$
Standart Klepe Çıkışı : NPT - Rp 4
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

Pompanılan 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

Tarih
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REV. 0

Operating range at 60 Hz: $Q = 42 \text{ m}^3/\text{h} - 74 \text{ m}^3/\text{h}$
Standard Outlet : NPT - Rp 4
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:

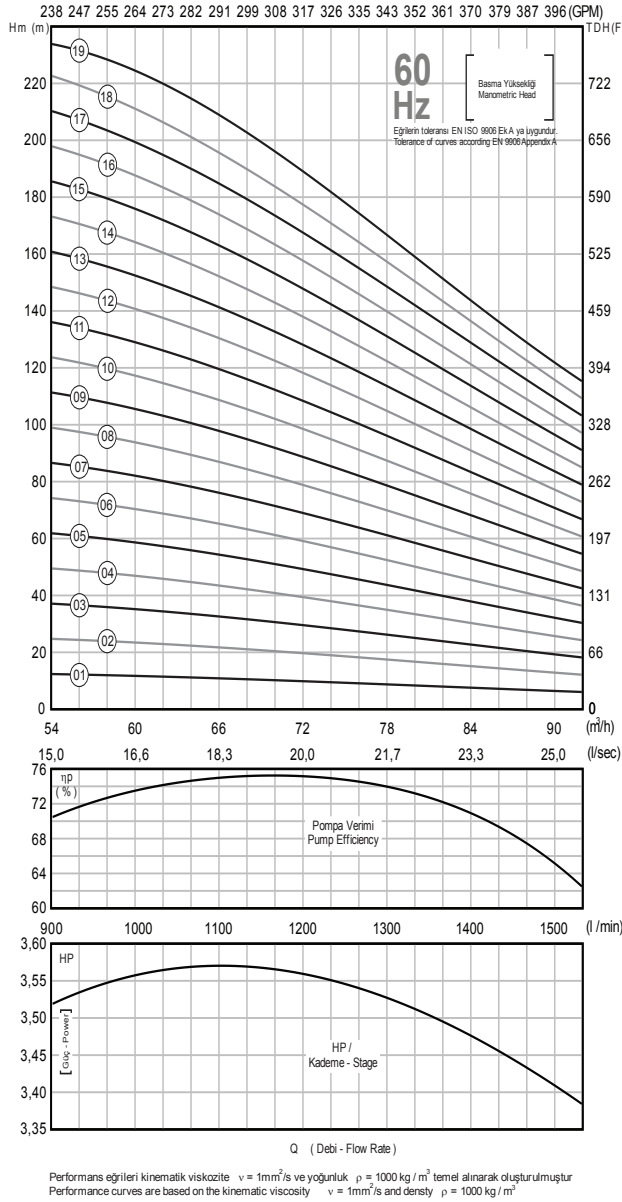
TS 11146:1993 TS EN 809:2000 98/37/EC
TS EN ISO 12100-1:2007 TS EN ISO 12100-2:2006

Date
10 / 2012
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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"	PUMP Dia (mm)	Ø D	MOTOR			POMPA PUMP			TOPLAM TOTAL			
	4" HP	6" HP	8" HP	KW	L	L	L	E	E	E	B	B	Ø C	Ø C	Ø C		4"	6"	8"	6"-4"	6'-6"	6'-8"	6'-4"	6'-6"	6'-8"	
	4"	6"	8"	L	L	L	E	E	E	B	B	Ø C	Ø C	Ø C	4"		6"	8"	6"-4"	6'-6"	6'-8"	6'-4"	6'-6"	6'-8"		
VSS 646_60_01	3		2,2	877			492			385			93			145	4"	14		7			21			
VSS 646_60_02	7,5	7,5	5,5	1238	1128		740	630		498	498		93	145		145	4"	25	46	9	9		34	55		
VSS 646_60_03	10	10	7,5	1471	1261		860	650		611	611		93	145		145	4"	31	48	11	12		42	60		
VSS 646_60_04		12,5	9,2				1414		690		724			145		145	4"	50			14			64		
VSS 646_60_05		15	11				1567		730		837			145		145	4"	56			16			72		
VSS 646_60_06		17,5	13				1730		780		950			145		145	4"	60			18			78		
VSS 646_60_07		25	18,5				1943		880		1063			145		145	4"	72			20			92		
VSS 646_60_08		25	18,5				2056		880		1176			145		145	4"	72			22			94		
VSS 646_60_09		30	30	22			2269	2248		980	930		1289	1318		145	195	145	4"	82	121	24	27		106	148
VSS 646_60_10		30	30	22			2382	2361		980	930		1402	1431		145	195	145	4"	82	121	26	29		108	150
VSS 646_60_11		35	35	26			2545	2584		1030	1040		1515	1544		145	195	145	4"	88	140	29	32		117	172
VSS 646_60_12		35	35	26			2658	2697		1030	1040		1628	1657		145	195	145	4"	88	140	31	34		119	174
VSS 646_60_13		40	40	30			2851	2810		1110	1040		1741	1770		145	195	145	4"	98	140	33	36		131	176
VSS 646_60_14		50	50	37			3044	2953		1190	1070		1854	1883		145	195	145	4"	106	146	35	38		141	184
VSS 646_60_15		50	50	37			3157	3066		1190	1070		1967	1996		145	195	145	4"	106	146	37	40		143	186
VSS 646_60_16		50	50	37			3270	3179		1190	1070		2080	2109		145	195	145	4"	106	146	39	42		145	188
VSS 646_60_17		50	50	37			3383	3292		1190	1070		2193	2222		145	195	145	4"	106	146	41	44		147	190
VSS 646_60_18		60	60	45			3576	3465		1270	1130		2306	2335		145	195	145	4"	116	158	43	46		159	204
VSS 646_60_19		60	60	45			3689	3578		1270	1130		2419	2448		145	195	145	4"	116	158	45	49		161	207
VSS 646_60_20		60	60	45			3818	3707		1270	1130		2548	2577		145	195	145	4"	116	158	48	51		164	209

POMPA TİPİ PUMP TYPE	MOTOR MOTEUR				m³/h																Total Dynamic Head (ft)												
	4" HP	6" HP	8" HP	KW	l / min BBLs/d	0	70	767	833	867	900	933	967	1000	1033	1067	1100	1167	1233	0	6340	6944	7548	7850	8152	8453	8755	9057	9359	9661	9963	10567	11171
VSS 646_60_01	3			2,2		66	49	46	46	43	43	43	39	39	39	36	36	30	26														
VSS 646_60_02	7,5	7,5		5,5		131	95	92	89	89	85	82	82	79	75	72	69	62	56														
VSS 646_60_03	10	10		7,5		194	144	138	135	131	128	125	121	115	115	108	105	92	82														
VSS 646_60_04		12,5	9,2			259	194	184	177	174	171	167	161	154	151	144	138	125	112														
VSS 646_60_05		15	11			325	243	233	223	220	213	210	200	194	190	184	174	154	138														
VSS 646_60_06		17,5	13			390	289	279	266	262	256	249	243	233	226	220	207	187	167														
VSS 646_60_07		25	18,5			456	338	325	312	305	295	292	282	272	266	256	243	217	194														
VSS 646_60_08		25	18,5			518	387	371	358	351	338	335	322	308	302	292	276	249	223														
VSS 646_60_09		30	30	22		584	433	417	400	394	381	374	361	348	341	328	312	279	249														
VSS 646_60_10		30	30	22		650	482	463	446	436	423	417	404	387	381	364	345	312	279														
VSS 646_60_11		35	35	26		715	532	509	489	482	466	459	443	427	417	400	381	341	305														
VSS 646_60_12		35	35	26		781	577	554	535	525	509	502	482	466	456	436	413	374	335														
VSS 646_60_13		40	40	30		843	627	600	577	568	551	541	522	502	492	476	449	404	361														
VSS 646_60_14		50	50	37		909	676	650	623	610	594	584	564	541	532	512	482	436	390														
VSS 646_60_15		50	50	37		974	725	696	669	656	637	627	604	581	568	548	518	466	417														
VSS 646_60_16		50	50	37		1.040	771	742	712	699	679	669	643	620	607	584	551	499	446														
VSS 646_60_17		50	50	37		1.106	820	787	758	742	722	709	682	659	643	620	587	528	472														
VSS 646_60_18		60	60	45		1.168	869	833	801	787	764	751	725	696	682	656	620	558	502														
VSS 646_60_19		60	60	45		1.234	915	879	846	830	804	794	764	735	719	692	656	591	528														
VSS 646_60_20		60	60	45		1.299	965	925	889	873	846	833	804	774	758	728	689	620	558														

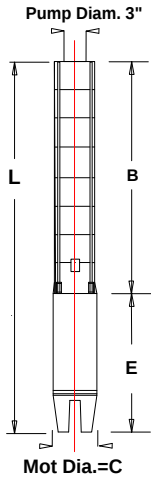
The hydraulic working characteristics been calculated with water at 15 deg. C at the atmospheric pressure of 1 bar.
The Hydraulic characteristics given in the leaflet does not include the loss in the check valve.



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"	PUMP Dia [mm]	Ø D	MOTOR			POMPA PUMP		
	4" HP	6" HP	8" HP	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"
VSS 660_60_01	4			3	966			581		385			93			149	4"	19		7				26			
VSS 660_60_02	7,5	7,5		5,5	1238	1128		740	630	498	498		93	145		149	4"	25	46	9	10			34	56		
VSS 660_60_03	10	10		7,5	1471	1261		860	650	611	611		93	145		149	4"	31	48	12	12			43	60		
VSS 660_60_04		15	11			1454		730		724			145			149	4"		56			14			70		
VSS 660_60_05		17,5	13			1617		780		837			145			149	4"		60			16			76		
VSS 660_60_06		20	15			1780		830		950			145			149	4"		66			18			84		
VSS 660_60_07		25	18,5			1943		880		1063			145			149	4"		72			20			92		
VSS 660_60_08		30	30	22		2156	2135	980	930	1176	1205		145	195		149	4"		82	121		22	25		104	146	
VSS 660_60_09		30	30	22		2269	2248	980	930	1289	1318		145	195		149	4"		82	121		24	27		106	148	
VSS 660_60_10		35	35	26		2432	2471	1030	1040	1402	1431		145	195		149	4"		88	140		26	29		114	169	
VSS 660_60_11		35	35	26		2545	2584	1030	1040	1515	1544		145	195		149	4"		88	140		28	31		116	171	
VSS 660_60_12		40	40	30		2738	2697	1110	1040	1628	1657		145	195		149	4"		98	140		30	33		128	173	
VSS 660_60_13		50	50	37		2931	2840	1190	1070	1741	1770		145	195		149	4"		106	146		32	35		138	181	
VSS 660_60_14		50	50	37		3044	2953	1190	1070	1854	1883		145	195		149	4"		106	146		34	37		140	183	
VSS 660_60_15		50	50	37		3157	3066	1190	1070	1967	1996		145	195		149	4"		106	146		36	39		142	185	
VSS 660_60_16		60	60	45		3350	3239	1270	1130	2080	2109		145	195		149	4"		116	158		38	41		154	199	
VSS 660_60_17		60	60	45		3463	3352	1270	1130	2193	2222		145	195		149	4"		116	158		40	43		156	201	
VSS 660_60_18		60	60	45		3576	3465	1270	1130	2306	2335		145	195		149	4"		116	158		42	45		158	203	
VSS 660_60_19			70	52			3658		1210		2448		195	149	4"				177			47				224	

POMPA TİPİ PUMP TYPE	MOTOR MOTEUR				m³/h l / min BBLs/d	0	54	58	62	66	68	72	76	80	84	88	92
	4"	6"	8"	KW		0	90	967	1033	1100	1133	1200	1267	1333	1400	1467	1533
	HP	HP	HP			0	8152	8755	9359	9963	10265	10869	11473	12076	12680	13284	13888
VSS 660_60_01	4			3	Total Dynamic Head [ft]	49	39	39	39	36	36	33	30	26	26	23	20
VSS 660_60_02	7,5	7,5		5,5		98	82	79	75	72	69	66	59	56	49	43	39
VSS 660_60_03	10	10	7,5			148	121	118	115	105	105	98	89	82	75	66	59
VSS 660_60_04		15	11			194	161	157	151	141	138	131	118	112	102	89	79
VSS 660_60_05		17,5	13			243	203	197	190	177	174	161	148	138	125	112	98
VSS 660_60_06		20	15			292	243	236	226	213	207	194	177	164	151	131	121
VSS 660_60_07		25	18,5			341	285	276	266	249	243	226	210	194	177	154	141
VSS 660_60_08		30	30	22		390	325	315	302	282	276	259	240	220	200	177	161
VSS 660_60_09		30	30	22		440	364	354	341	318	312	292	269	246	226	197	180
VSS 660_60_10		35	35	26		486	407	394	377	354	345	325	299	276	253	220	200
VSS 660_60_11		35	35	26		535	446	433	417	390	381	358	328	302	276	243	220
VSS 660_60_12		40	40	30		584	486	472	453	427	417	390	358	331	302	262	240
VSS 660_60_13		50	50	37		633	528	512	492	459	449	423	387	358	328	285	259
VSS 660_60_14		50	50	37		682	568	551	528	495	486	453	417	384	351	308	279
VSS 660_60_15		50	50	37		732	607	591	568	532	518	486	446	413	377	331	299
VSS 660_60_16		60	60	45		778	650	627	604	568	554	518	476	440	400	351	322
VSS 660_60_17		60	60	45		827	689	666	643	600	587	551	505	466	427	374	341
VSS 660_60_18		60	60	45		876	732	705	679	637	623	584	535	495	453	397	361
VSS 660_60_19			70	52		925	771	745	719	673	689	617	568	522	476	417	381

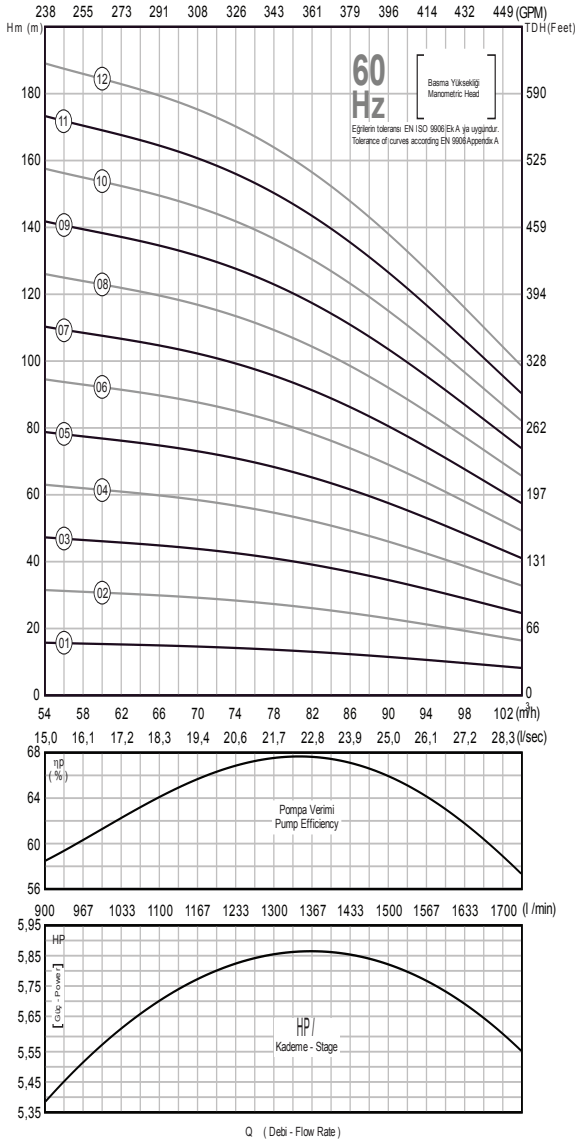
The hydraulic working characteristics been calculated with water at 15 deg. C at the atmospheric pressure of 1 bar.
The Hydraulic characteristics given in the leaflet does not include the loss in the check valve.



60 Hz seçim aralığı: Q= 54 m³ / sa - 92 m³ / sa	
Standart Klepe Çıkışı : NPT - Rp 4	
Fan tipi: Semiaksiyel	
Dönüş : Saat Yönü Tersi	
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	
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:	Tarih
TS 11146:1993 TS EN 809:2000 98/37/EC	10 / 2012
TS EN ISO 12100-1:2007 TS EN ISO 12100-2:2006	REV. 0

Operating range at 60 Hz: Q= 54 m³ / h - 92 m³ / h	
Standard Outlet : NPT - Rp 4	
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:	Date
TS 11146:1993 TS EN 809:2000 98/37/EC	10 / 2012
TS EN ISO 12100-1:2007 TS EN ISO 12100-2:2006	REV. 0

STAINLESS STEEL PUMP



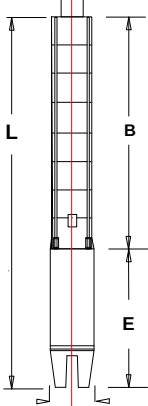
Performans eğrileri kinematik viskozite $\nu = 1 \text{ mm}^2/\text{s}$ ve yoğunluk $\rho = 1000 \text{ kg/m}^3$ temel alınarak oluşturulmuştur.
Performance curves are based on the kinematic viscosity $\nu = 1 \text{ mm}^2/\text{s}$ and density $\rho = 1000 \text{ kg/m}^3$

POMPA TİPİ PUMP TYPE	MOTEUR				ÖLÇÜLER / DIMENSIONS(mm)												AĞIRLIK/ WEIGHT (kg)												
					6"-4"		6"-6"		6"-8"		4"		6"		8"		4"		6"		8"		PUMP Dia [mm]	Ø D	MOTOR			POMPA PUMP	
	4" HP	6" HP	8" HP		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"		
VSS 675_60_01	5,5	5,5	4		1065	1074		621	630		444	444		93	145		149	4"		21	46	11	11		32	57			
VSS 675_60_02		12,5	9,2			1278		690			588			145		149	4"		50		14			64					
VSS 675_60_03		17,5	13			1512		780			732			145		149	4"		60		17			77					
VSS 675_60_04		25	18,5			1756		880			876			145		149	4"		72		20			92					
VSS 675_60_05		30	30	22		2000	1979	980	930	1020	1049		145	195	149	4"		82	121	23	26		105	147					
VSS 675_60_06		35	35	26		2194	2233	1030	1040	1164	1193		145	195	149	4"		88	140	26	29		114	169					
VSS 675_60_07		40	40	30		2418	2377	1110	1040	1308	1337		145	195	149	4"		98	140	29	32		127	172					
VSS 675_60_08		50	50	37		2642	2551	1190	1070	1452	1481		145	195	149	4"		106	146	32	35		138	181					
VSS 675_60_09		50	50	37		2786	2695	1190	1070	1596	1625		145	195	149	4"		106	146	35	38		141	184					
VSS 675_60_10		60	60	45		3010	2899	1270	1130	1740	1769		145	195	149	4"		116	158	38	41		154	199					
VSS 675_60_11		60	60	45		3154	3043	1270	1130	1884	1913		145	195	149	4"		116	158	41	44		157	202					
VSS 675_60_12		60	60	45		3298	3187	1270	1130	2028	2057		145	195	149	4"		116	158	44	47		160	205					

POMPA TİPİ PUMP TYPE	MOTÖR MOTEUR			m³/h	0	54	64	70	75	80	84	90	96	100	104
	4" HP	6" HP	8" HP												
VSS 675_60_01	5,5	5,5	-	4	66	52	49	49	46	43	43	36	33	30	26
VSS 675_60_02	-	12,5	-	9,2	128	105	98	95	92	89	82	75	66	59	52
VSS 675_60_03	-	17,5	-	13	194	154	148	144	138	131	125	112	102	92	82
VSS 675_60_04	-	25	-	19	259	207	197	194	184	174	167	151	135	121	108
VSS 675_60_05	-	30	30	22	322	259	246	240	230	220	207	187	167	151	135
VSS 675_60_06	-	35	35	26	387	312	295	289	276	262	249	226	200	180	161
VSS 675_60_07	-	40	40	30	453	361	345	338	322	308	292	262	233	210	187
VSS 675_60_08	-	50	50	37	515	413	394	384	371	351	331	302	266	240	217
VSS 675_60_09	-	50	50	37	581	466	443	433	417	394	374	338	302	272	243
VSS 675_60_10	-	60	60	45	646	518	492	482	463	440	417	377	335	302	269
VSS 675_60_11	-	60	60	45	709	568	545	528	509	482	456	413	367	331	295
VSS 675_60_12	-	60	60	45	774	620	594	577	554	525	499	453	400	361	322

The hydraulic working characteristics been calculated with water at 15 deg. C at the atmospheric pressure of 1 bar.
The Hydraulic characteristics given in the leaflet does not include the loss in the check valve.

Pump Diam. 3"



Mot Dia. = C

60 Hz seçim aralığı: $Q = 54 \text{ m}^3/\text{sa} - 104 \text{ m}^3/\text{sa}$
Standart Klepe Çıkışı : NPT - Rp 4
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

Pompanılan 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 809:2000 98/37/EC
TS EN ISO 12100-1:2007 TS EN ISO 12100-2:2006

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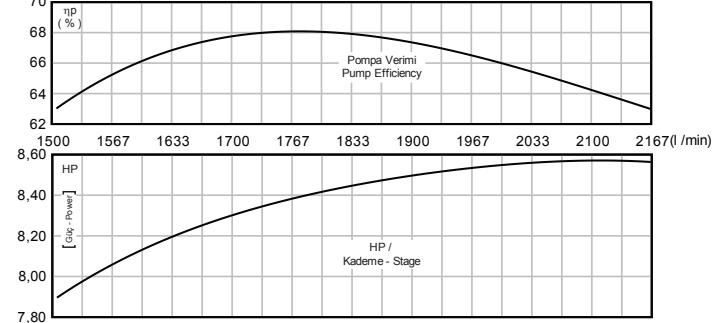
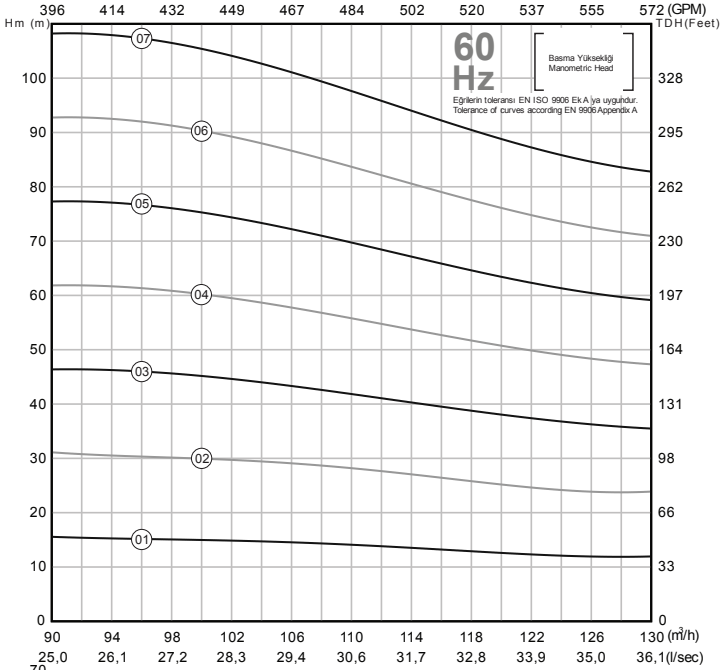
Operating range at 60 Hz: $Q = 54 \text{ m}^3/\text{h} - 104 \text{ m}^3/\text{h}$
Standard Outlet : NPT - Rp 4
Impeller type: Mixed flow
Rotation : CCW
Connection : According to NEMA Standard
Shaft Diameter : 22 mm

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 809:2000 98/37/EC
TS EN ISO 12100-1:2007 TS EN ISO 12100-2:2006

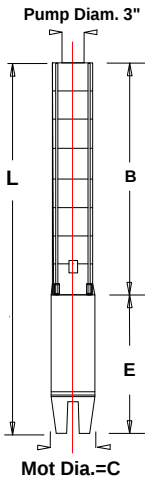
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POMPA TİPİ PUMP TYPE	MOTOR MOTEUR			ÖLÇÜLER / DIMENSIONS (mm)												AĞIRLIK / WEIGHT (kg)					
	4" HP	6" HP	8" HP	Kw	L	L	E	E	B	B	Ø C	Ø C	Ø C	PUMP Dia (mm)	Ø D	MOTOR		POMPA PUMP		TOPLAM TOTAL	
VSS 690_60_01	10	10	7,5	1304	1094	860	650	444	444	93	145	149	4"	31	48	11	11	42	59		
VSS 690_60_02	17,5	13		1368		780		588		145	149	4"	60		14		74				
VSS 690_60_03	25	18,5		1612		880		732		145	149	4"	72		17		89				
VSS 690_60_04	35	35	26	1906		1030	1040	876	905	145	195	149	4"	88	140	20	23	108	163		
VSS 690_60_05	40	40	30	2130	2089	1110	1040	1020	1049	145	195	149	4"	98	140	23	26	121	166		
VSS 690_60_06	50	50	37	2354	2263	1190	1070	1164	1193	145	195	149	4"	106	146	26	29	132	175		
VSS 690_60_07	60	60	45	2578	2467	1270	1130	1308	1337	145	195	149	4"	116	158	29	32	145	190		

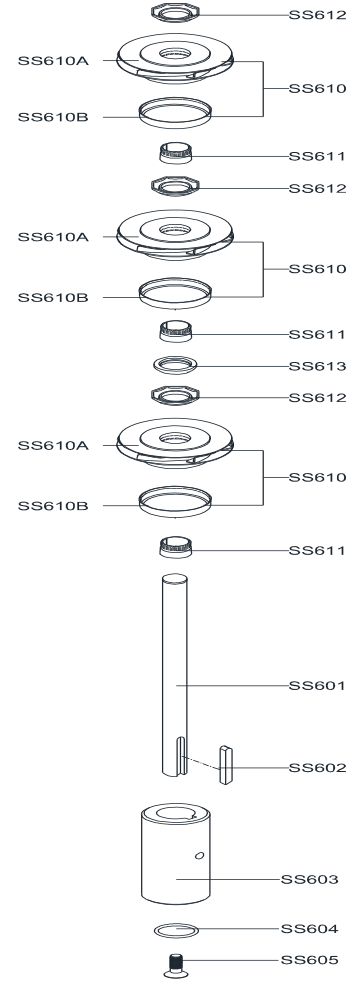
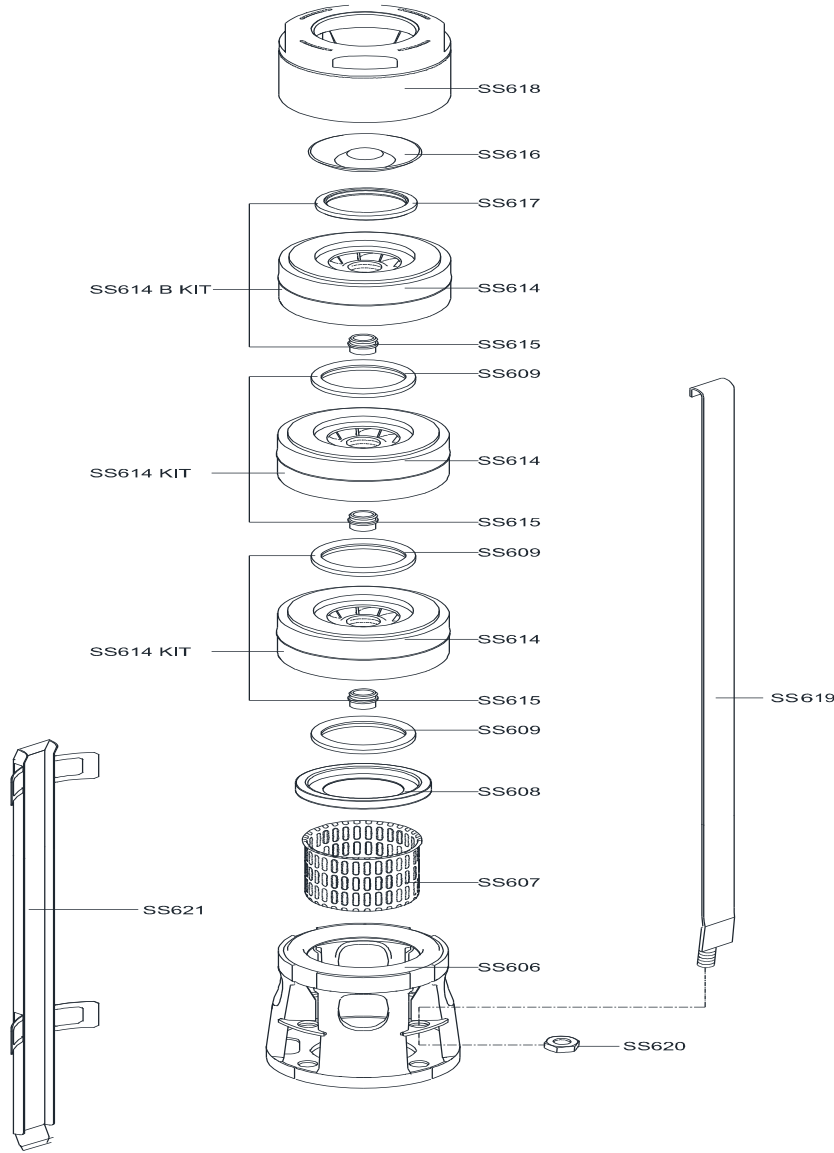
POMPA TİPİ PUMP TYPE	MOTOR MOTEUR			m³/h												Total Dynamic Head [ft]					
	4" HP	6" HP	8" HP	Kw	l/min	0	90	96	100	105	110	115	120	125	130	0		1500		1600	
VSS 690_60_01	10	10	7,5	1304	0	69	52	49	49	49	46	43	43	39	39	0		1500		1600	
VSS 690_60_02	17,5	13		1368	0	138	102	98	98	95	92	89	82	79	79	0		1500		1600	
VSS 690_60_03	25	18,5		1612	0	207	154	148	148	144	138	131	125	118	118	0		1500		1600	
VSS 690_60_04	35	35	26	1906	0	276	203	200	197	194	184	174	167	157	157	0		1500		1600	
VSS 690_60_05	40	40	30	2130	0	345	256	249	246	240	230	220	207	197	197	0		1500		1600	
VSS 690_60_06	50	50	37	2354	0	413	305	299	295	289	276	262	249	236	236	0		1500		1600	
VSS 690_60_07	60	60	45	2578	0	482	358	348	345	338	322	308	292	276	276	0		1500		1600	

The hydraulic working characteristics been calculated with water at 15 deg. C at the atmospherically pressure of 1 bar.
The Hydraulic characteristics given in the leaflet does not include the loss in the check valve.



60 Hz seçim aralığı: Q= 90 m³ / sa - 130 m³ / sa Standart Klepe Çıkışı : NPT - Rp 4 Fan tipi: Semiaksiyel Dönüş : Saat Yönü Tersi 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		Operating range at 60 Hz: Q= 90 m³/h - 130 m³/h Standard Outlet : NPT - Rp 4 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	
Pompa Sıvı: Kimyasal ve mekanik aşındırıcı olmayan akışkan. İzin verilen maksimum kum miktarı = 50 g/m³ İzin verilen katı parçacık ölçüsü: Max 2mm		Liquid being pumped: Chemically and mechanically non aggressive. Maximum allowable solid quantity = 50 g/m³ Solid dimension: Max 2mm	
İmalat ve güvenlik standartları: TS 11146:1993 TS EN ISO 12100-1:2007		Construction and safety standards: TS 11146:1993 TS EN ISO 12100-1:2007	
TS EN 809:2000 98/37/EC TS EN ISO 12100-2:2006		TS EN 809:2000 98/37/EC TS EN ISO 12100-2:2006	
Tarih 08 / 2014 REV. 0		Date 08 / 2014 REV. 0	

COMPONENTS & ASSEMBLY



Parça No - Part No	Tanım - Description	Malzeme - Material
SS601	Mil - Shaft	Paslanmaz çelik / (AISI 420) - Stainless steel / (AISI 420)
SS602	Kama - Key	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS603	Kaplin - Coupling	Paslanmaz çelik / (AISI 420) - Stainless steel / (AISI 420)
SS604	O-ring - O-Ring	Kauçuk - Rubber
SS605	Kaplin Cıvatası - Coupling Screw	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS606	Emme Kutusu - Support	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS607	Süzgeç - Strainer	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS608	Emme Kutusu Boğaz Flanşı - Neck Ring Retainer	Paslanmaz çelik / (AISI 420) - Stainless steel / (AISI 420)
SS609	Aşınma Halkası - Neck Ring	Kauçuk / Çelik - Rubber / Steel
SS610A	Fan - Impeller	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS610B	Fan Aşınma Bileziği - Ring Of Impeller	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS611	Konik Kama - Split Cone	Paslanmaz çelik / (AISI 420) - Stainless steel / (AISI 420)
SS612	Konik Kama Somunu - Split Cone Nut	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS613	Stoplama Plastiği - Spacing Washer For Stop Ring	Kompozit - Composite
SS614	Diffüzör - Diffuser	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS614 KIT	Diffüzör - Diffuser	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS614 B KIT	Diffüzör Yatağı - Bearing	Kauçuk - Rubber
SS615	Aşınma Halkası - Neck Ring	Kauçuk / Çelik - Rubber / Steel
SS616	Diffüzör - Diffuser	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS617	Diffüzör Yatağı - Bearing	Kauçuk - Rubber
SS618	Klepe Lastiği - Valve Seat	Kauçuk / Çelik - Rubber / Steel
SS618-A	Diffüzör Yatağı - Bearing	Kauçuk - Rubber
SS618-B	Klepe Diski - Valve Cone	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS618-C	Klepe Lastiği - Valve Seat	Kauçuk / Çelik - Rubber / Steel
SS619	Klepe (NPT - Rp 3) - Discharge (NPT - Rp 3)	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS620	Klepe (3" Normal) - Discharge (3" Normal)	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS621	Klepe (NPT - Rp 2 1/2) - Discharge (NPT - Rp 2 1/2)	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
	Klepe (2 1/2" Normal) - Discharge (2 1/2" Normal)	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
	Lama - Strap	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
	Lama Somunu - Strap Nut	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
	Kablo Muhafaza Sacı - Cable Guard	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)

Parça siparişi verirken belirtilmesi gereken bilgiler

Örnek Sipariş: 4" Motor Flanşlı VSS 609_60_10 kademe pompa mili

609.601.4.10

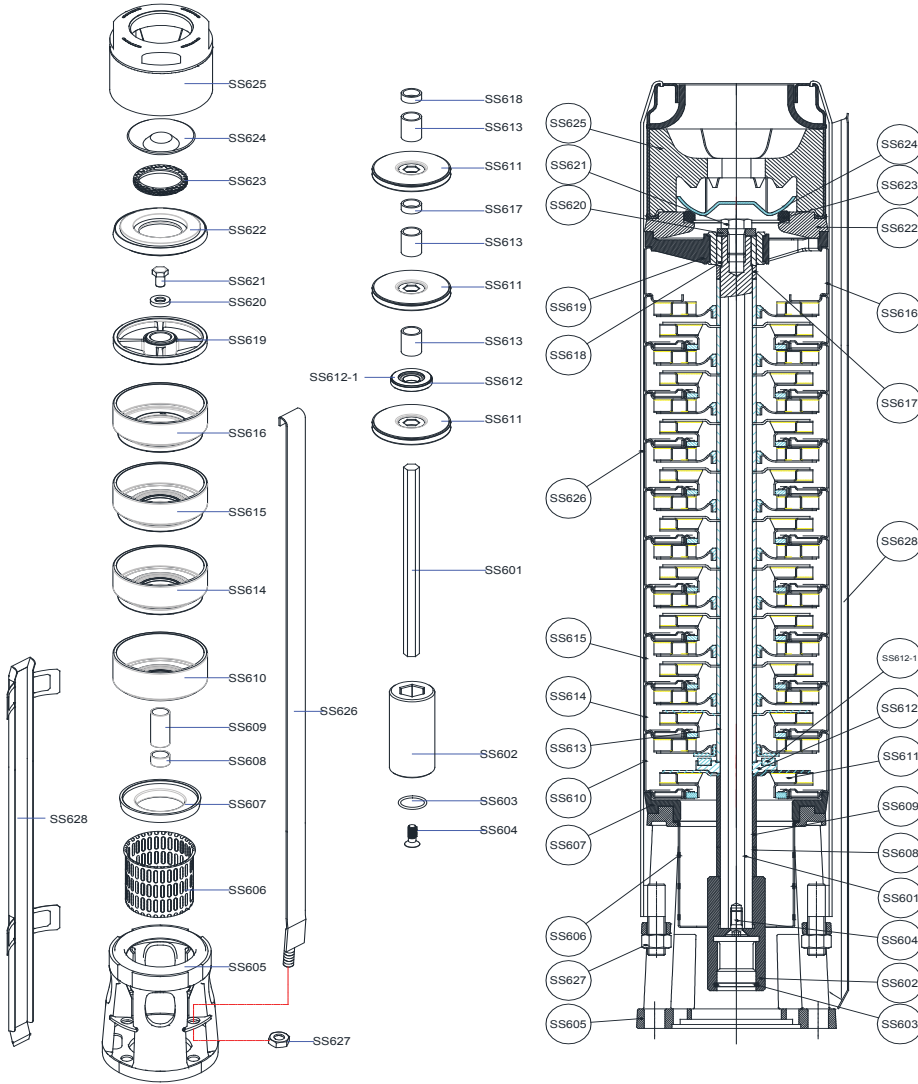
Pompa seri adı ■ Parça resim no ■ Motor çapı ■ Kademe sayısı
(Gerekli ise) (Gerekli ise)

Required informations to order a component

Example Order: A pump shaft of VSS 609_60_10 stage with 4" motor flange

609.601.4.10

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



Parça siparişi verirken belirtilmesi gereken bilgiler

Örnek Sipariş: 4" Motor Flanşlı VSS 612_60_10 kademe pompa mili

612.1201.4.10

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

Required informations to order a component

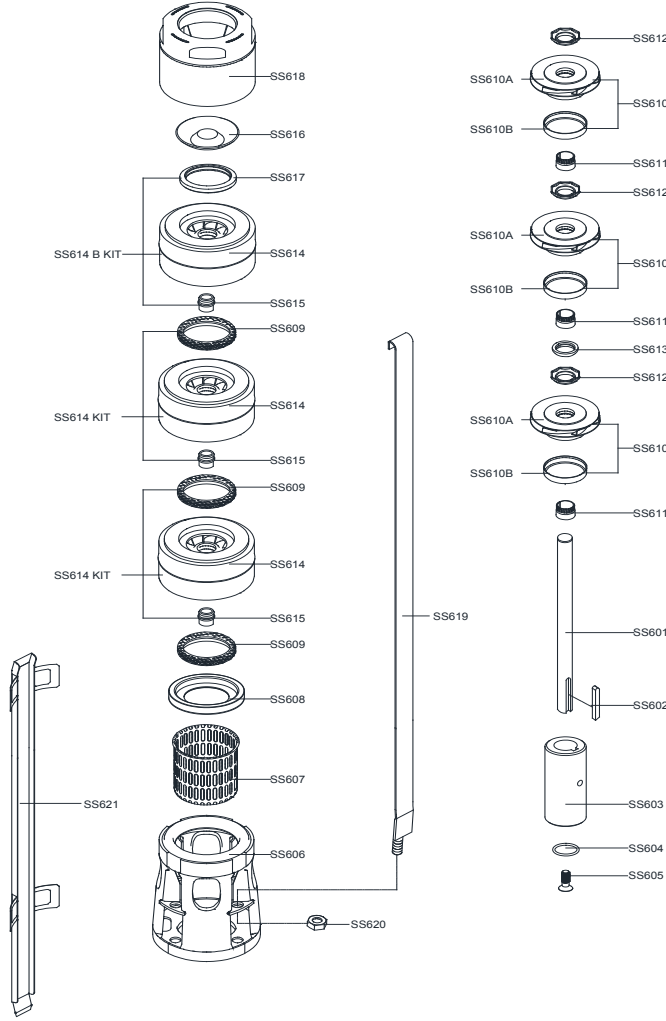
Example Order: A pump shaft of VSS 612_60_10 stage with 4" motor flange

612.1201.4.10

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

Parça No - Part No	Tanım - Description	Malzeme - Material
SS601	Mil - Shaft	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS602	Kaplin -Coupling	Paslanmaz çelik / (AISI 420) - Stainless steel / (AISI 420)
SS603	Oring - O-Ring	Kauçuk - Rubber
SS604	Kaplin Cıvatası - Coupling Screw	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS605	Emme Kutusu - Suction	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS606	Süzgeç - Strainer	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS607	Emme Kutusu Boğaz Flanşı - Suction Flange	Paslanmaz çelik / (AISI 420) - Stainless steel / (AISI 420)
SS608	Alt Mesafe Ayar Burcu Alt - Lower Spacer Bottom	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS609	Alt Mesafe Ayar Burcu Üst - Lower Spacer Top	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS610	İlk Difüzör - First Diffuser	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS611	Fan - Impeller	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS612	Stoplama Alt Metali - Lower up - thrust washer	Paslanmaz çelik / (AISI 316) - Stainless steel / (AISI 316)
SS612-1	Stoplama Plastiği - Up-thrust ring	Kompozit - Composite
SS613	Kademe Ayar Burcu - Impeller spacer	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS614	Stoplamalı Difüzör - Diffuser with upper up-thrust washer	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS615	Yataklı Difüzör - Diffuser	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS616	Klepe Altı Difüzör - Last Diffuser	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS617	Üst Mesafe Burcu - Upper spacer	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS618	Denge Burcu - Upper journal sleeve	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS619	Denge Yatak Gövdesi - Upper bearing guide	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS620	Denge Burcu Rondelası - Washer	Paslanmaz çelik / (AISI 420) - Stainless steel / (AISI 420)
SS621	Denge Burcu Cıvatası - Screw	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS622	Klepe Ringi - Check valve ring	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS623	Klepe Lastiği - Valve seat	Kauçuk / Çelik - Rubber / Steel
SS624	Klepe Diski - Valve cone	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS625	Klepe (NPT - Rp 3) - Discharge (NPT - Rp 3)	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS625-A	Klepe (3" Normal) - Discharge (3" Normal)	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS625-B	Klepe (NPT - Rp 2 1/2) - Discharge (NPT - Rp 2 1/2)	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS625-C	Klepe (2 1/2" Normal) - Discharge (2 1/2" Normal)	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS626	Lama - Strap	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS627	Lama Somunu - Strap Nut	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS628	Kablo Muhafaza Sacı - Cable Guard	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)

COMPONENTS & ASSEMBLY



Parça siparişi verirken belirtilmesi gereken bilgiler

Örnek Sipariş: 4" Motor Flanşlı VSS 615_60_10 kademe pompa milii

617.601.4.10

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

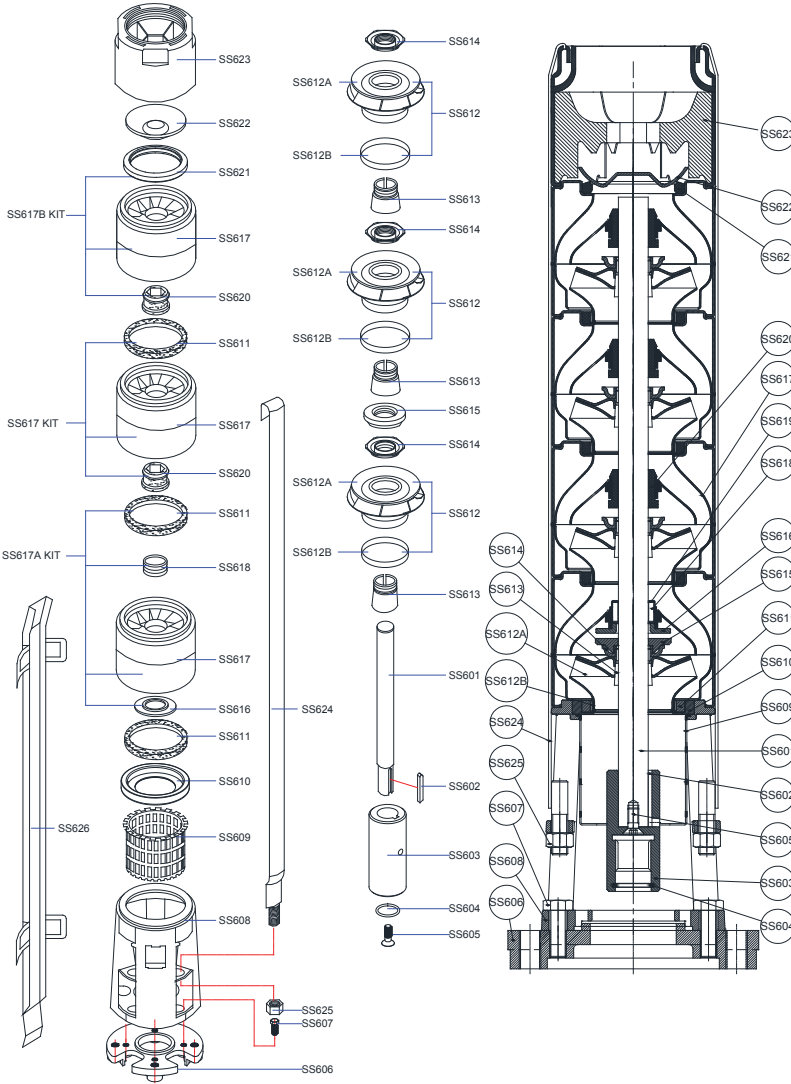
Required informations to order a component

Example Order: A pump shaft of VSS 615_60_10 stage with 4" motor flange

617.601.4.10

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

Parça No - Part No	Tanım - Description	Malzeme - Material
SS601	Mil - Shaft	Paslanmaz çelik / (AISI 420) - Stainless steel / (AISI 420)
SS602	Kama - Key	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS603	Kaplin - Coupling	Paslanmaz çelik / (AISI 420) - Stainless steel / (AISI 420)
SS604	Oring - O-Ring	Kauçuk - Rubber
SS605	Kaplin Civatası - Coupling Screw	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS606	Emme Kutusu - Support	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS607	Süzgeç - Strainer	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS608	Emme Kutusu Boğaz Flanşı - Neck Ring Retainer	Paslanmaz çelik / (AISI 420) - Stainless steel / (AISI 420)
SS609	Aşınma Halkası - Neck Ring	Kauçuk / Çelik - Rubber / Steel
SS610A	Fan - Impeller	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS610B	Fan Aşınma Bileziği - Ring Of Impeller	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS611	Konik Kama - Split Cone	Paslanmaz çelik / (AISI 420) - Stainless steel / (AISI 420)
SS612	Konik Kama Somunu - Split Cone Nut	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS613	Stoplama Plastiği - Spacing Washer For Stop Ring	Kompozit - Composite
SS614	Difüzör - Diffuser	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS614 KIT	Difüzör	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
	Difüzör Yatağı - Bearing	Kauçuk - Rubber
	Aşınma Halkası - Neck Ring	Kauçuk / Çelik - Rubber / Steel
SS614 B KIT	Difüzör - Diffuser	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
	Difüzör Yatağı - Bearing	Kauçuk - Rubber
	Klepe Lastiği - Valve Seat	Kauçuk / Çelik - Rubber / Steel
SS615	Difüzör Yatağı - Bearing	Kauçuk - Rubber
SS616	Klepe Diski - Valve Cone	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS617	Klepe Lastiği - Valve Seat	Kauçuk / Çelik - Rubber / Steel
SS618	Klepe (NPT - Rp 3) - Discharge (NPT - Rp 3)	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS618-A	Klepe (3" Normal) - Discharge (3" Normal)	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS618-B	Klepe (NPT - Rp 2 1/2) - Discharge (NPT - Rp 2 1/2)	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS618-C	Klepe (2 1/2" Normal) - Discharge (2 1/2" Normal)	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS619	Lama - Strap	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS620	Lama Somunu - Strap Nut	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS621	Kablo Muhafaza Sacı - Cable Guard	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)



Parça No - Part No	Tanım - Description	Malzeme - Material
SS601	Mil - Shaft	Paslanmaz çelik / (AISI 420) - Stainless steel / (AISI 420)
SS602	Kama - Key	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS603	Kaplin - Coupling	Paslanmaz çelik / (AISI 420) - Stainless steel / (AISI 420)
SS604	Oring - O-Ring	Kauçuk - Rubber
SS605	Kaplin Civatası - Coupling Screw	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS606	Flanş - Flange	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS607	Flanş Civatası - Flange Screw	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS608	Emme Kutusu - Support	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS609	Süzgeç - Strainer	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS610	Emme Kutusu Boğaz Flanş - Neck Ring Retainer	Paslanmaz çelik / (AISI 420) - Stainless steel / (AISI 420)
SS611	Aşınma Halkası - Neck Ring	Kauçuk / Çelik - Rubber / Steel
SS612A	Fan - Impeller	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS612B	Fan Aşınma Bileziği - Ring Of Impeller	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS613	Konik Kama - Split Cone	Paslanmaz çelik / (AISI 420) - Stainless steel / (AISI 420)
SS614	Konik Kama Somunu - Split Cone Nut	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS615	Stoplama Plastığı - Spacing Washer For Stop Ring	Kompozit - Composite
SS616	Stoplama Üst Metali - Stop Ring	Paslanmaz çelik / (AISI 420) - Stainless steel / (AISI 420)
SS617	Diffüzör - Diffuser	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS617A KIT	Diffüzör - Diffuser	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS617B KIT	Orta Burç - Bearing	Kauçuk / Çelik - Rubber / Steel
SS618	Aşınma Halkası - Neck Ring	Kauçuk / Çelik - Rubber / Steel
SS619	Stoplama Üst Metali - Stop Ring	Paslanmaz çelik / (AISI 420) - Stainless steel / (AISI 420)
SS620	Diffüzör - Diffuser	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS621	Diffüzör Yatağı - Bearing	Kauçuk - Rubber
SS622	Aşınma Halkası - Neck Ring	Kauçuk / Çelik - Rubber / Steel
SS623	Diffüzör - Diffuser	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS623-A	Diffüzör Yatağı - Bearing	Kauçuk - Rubber
SS624	Klepe Lastiği - Valve Seat	Kauçuk / Çelik - Rubber / Steel
SS625	Orta Burç - Bearing	Kauçuk / Çelik - Rubber / Steel
SS626	Diffüzör Yatağı - Bearing	Kauçuk - Rubber
SS627	Klepe Lastiği - Valve Seat	Kauçuk / Çelik - Rubber / Steel
SS628	Klepe Diski - Valve Cone	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS629	Klepe (NPT - Rp 3) - Discharge (NPT - Rp 3)	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS630	Klepe (3" Normal) - Discharge (3" Normal)	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS631	Lama - Strap	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS632	Lama Somunu - Strap Nut	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS633	Kablo Muhafaza Sacı - Cable Guard	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)

Parça siparişi verirken belirtilmesi gereken bilgiler

Örnek Sipariş: 4" Motor Flanşlı VSS 630_60_10 kademe pompa mili

630 . 601 . 4 . 10

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 VSS 630_60_10 stage with 4" motor flange

630 . 601 . 4 . 10

Pump serie name ■ Component drawing no ■ Motor size ■ Stage

(if necessary) (if necessary)

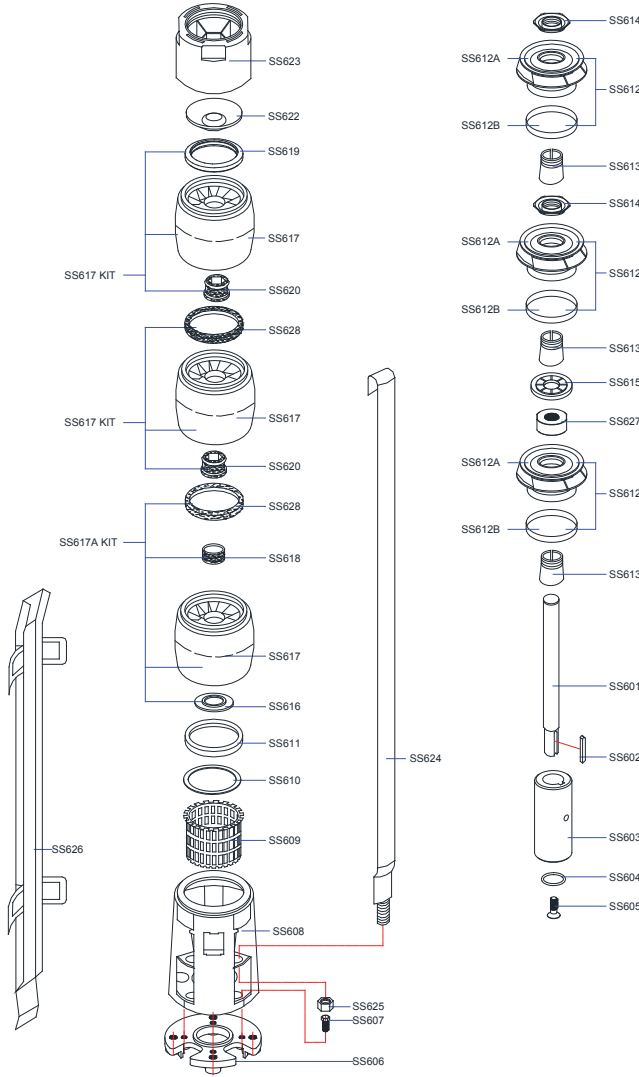
VSS 636
VSS 646
VSS 660

6"

VASCO

COMPONENTS & ASSEMBLY

VASCO
60 Hz



Parça No - Part No	Tanım - Description	Malzeme - Material
SS601	Mil - Shaft	Paslanmaz çelik / (AISI 420) - Stainless steel / (AISI 420)
SS602	Kama - Key	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS603	Kaplin - Coupling	Paslanmaz çelik / (AISI 420) - Stainless steel / (AISI 420)
SS604	Öring - O-Ring	Kauçuk - Rubber
SS605	Kaplin Cıvatası - Coupling Screw	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS606	Flanş - Flange	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS607	Flanş Cıvatası - Flange Screw	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS608	Emme Kutusu - Support	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS609	Süzgeç - Strainer	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS610	Emme Kutusu Boğaz Flanşı - Neck Ring Retainer	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS611	Emme Kutusu Aşınma Halkası - Support Neck Ring	Kauçuk / Çelik - Rubber / Steel
SS612A	Fan - Impeller	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS612B	Fan Aşınma Bileziği - Ring Of Impeller	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS613	Konik Kama - Split Cone	Paslanmaz çelik / (AISI 420) - Stainless steel / (AISI 420)
SS614	Konik Kama Somunu - Split Cone Nut	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS615	Stoplama Plastiği - Spacing Washer For Stop Ring	Kompozit - Composite
SS616	Stoplama Üst Metali - Stop Ring	Paslanmaz çelik / (AISI 420) - Stainless steel / (AISI 420)
SS617	Diffüzör - Diffuser	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS617A KIT	Orta Burç - Bearing	Kauçuk / Çelik - Rubber / Steel
	Aşınma Halkası - Neck Ring	Kauçuk / Çelik - Rubber / Steel
	Stoplama Üst Metali - Stop Ring	Paslanmaz çelik / (AISI 420) - Stainless steel / (AISI 420)
	Diffüzör - Diffuser	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS617 KIT	Diffüzör yatağı - Bearing	Kauçuk - Rubber
	Aşınma Halkası - Neck Ring	Kauçuk / Çelik - Rubber / Steel
	Diffüzör - Diffuser	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
	Diffüzör yatağı - Bearing	Kauçuk - Rubber
SS617 B KIT	Diffüzör - Diffuser	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
	Diffüzör yatağı - Bearing	Kauçuk - Rubber
	Klepe Lastiği - Valve Seat	Kauçuk / Çelik - Rubber / Steel
	Orta Burç - Bearing	Kauçuk / Çelik - Rubber / Steel
SS618	Klepe Lastiği - Valve Seat	Kauçuk / Çelik - Rubber / Steel
SS619	Diffüzör yatağı - Bearing	Kauçuk - Rubber
SS620	Klepe Diski - Valve Cone	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS622	Klepe (NPT - Rp 4) - Discharge (NPT - Rp 4)	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS623-A	Klepe (4" Normal) - Discharge (4" Normal)	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS623-B	Klepe (NPT - Rp 3) - Discharge (NPT - Rp 3)	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS623-C	Klepe (3" Normal) - Discharge (3" Normal)	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS624	Lama - Strap	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS625	Lama Somunu - Strap Nut	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS626	Kablo Muhafaza Sacı - Cable Guard	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS627	Stoplama Somunu - Lock Nut	Paslanmaz çelik / (AISI 420) - Stainless steel / (AISI 420)
SS628	Aşınma Halkası - Neck Ring	Kauçuk / Çelik - Rubber / Steel

Parça siparişi verirken belirtilmesi gereken bilgiler

Örnek Sipariş: 4" Motor Flanşlı VSS 642_60_10 kademe pompa mil

646 . 601 . 4 . 10

Pompa serisi adı ■ Parça resim no ■ Motor çapı ■ Kademe sayısı

(Gerekli ise)

(Gerekli ise)

Required informations to order a component

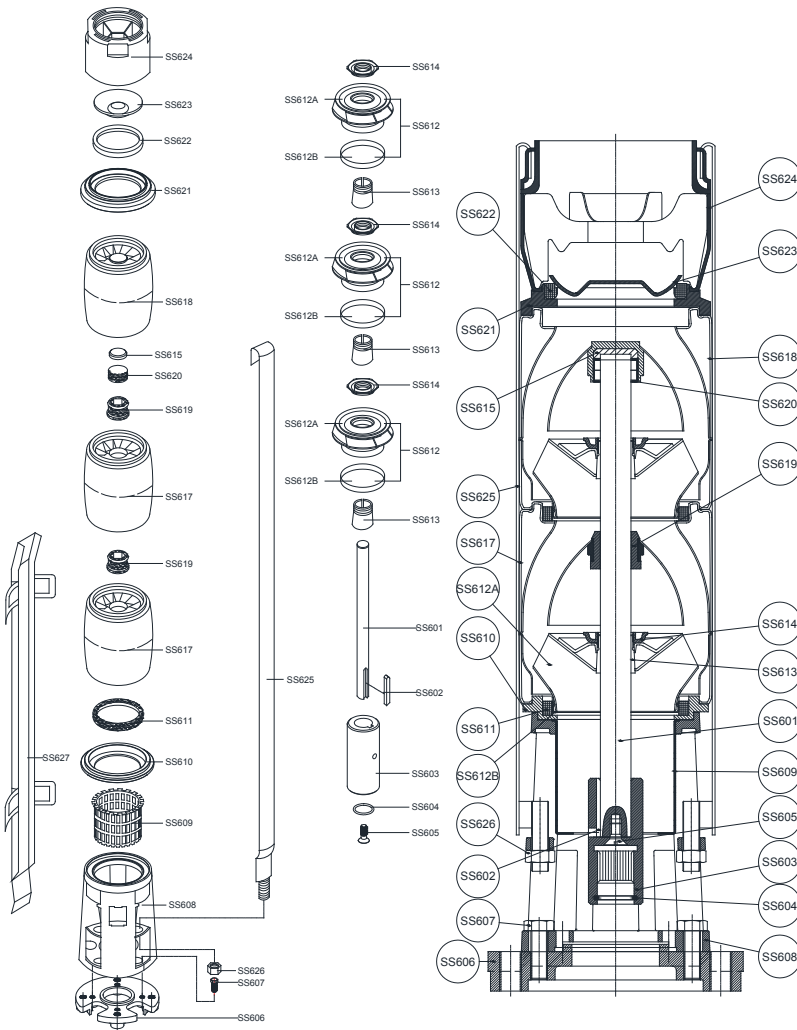
Example Order: A pump shaft of VSS 642_60_10 stage with 4" motor flange

646 . 601 . 4 . 10

Pump serie name ■ Component drawing no ■ Motor size ■ Stage

(if necessary)

(if necessary)



Parça No - Part No	Tanım - Description	Malzeme - Material
SS601	Mil - Shaft	Paslanmaz çelik / (AISI 420) - Stainless steel / (AISI 420)
SS602	Kama - Key	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS603	Kaplin - Coupling	Paslanmaz çelik / (AISI 420) - Stainless steel / (AISI 420)
SS604	Oring - O-Ring	Kauçuk - Rubber
SS605	Kaplin Cıvatası - Coupling Screw	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS606	Flanş - Flange	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS607	Flanş Cıvatası - Flange Screw	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS608	Emme Kutsu - Support	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS609	Süzgeç - Strainer	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS610	Emme Kutsu Boğaz Flanşı - Neck Ring Retainer	Paslanmaz çelik / (AISI 420) - Stainless steel / (AISI 420)
SS611	Aşınma Halkası - Neck Ring	Kauçuk / Çelik - Rubber / Steel
SS612A	Fan - Impeller	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS612B	Fan Aşınma Bileziği - Ring Of Impeller	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS613	Konik Kama - Split Cone	Paslanmaz çelik / (AISI 420) - Stainless steel / (AISI 420)
SS614	Konik Kama Somunu - Split Cone Nut	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS615	Stoplama Plastigi - Spacing Washer For Stop Ring	Kompozit - Composite
SS617	Diffüzör - Diffuser	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS618	Stoplamalı Diffüzör - Diffuser With Stopper	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS619	Diffüzör yatağı - Bearing	Kauçuk - Rubber
SS620	Orta Burç - Bearing	Kauçuk / Çelik - Rubber / Steel
SS621	Klepe Ringi - Discharge Ring	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS622	Klepe Lastiği - Valve seal	Kauçuk / Çelik - Rubber / Steel
SS623	Klepe Diski - Valve Cone	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS624	Klepe (NPT - Rp 4) - Discharge (NPT - Rp 4)	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS624-A	Klepe (4" Normal) - Discharge (4" Normal)	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS625	Lama - Strap	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS626	Lama Somunu - Strap Nut	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)
SS627	Kablo Muhafaza Sağı - Cable Guard	Paslanmaz çelik / (AISI 304) - Stainless steel / (AISI 304)

Parça siparişi verirken belirtilmesi gereken bilgiler

Örnek Sipariş: 6" Motor Flanşlı VSS 675_60_10 kademe pompa mili

675 . 601 . 6 . 10

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 VSS 675_60_10 stage with 6" motor flange

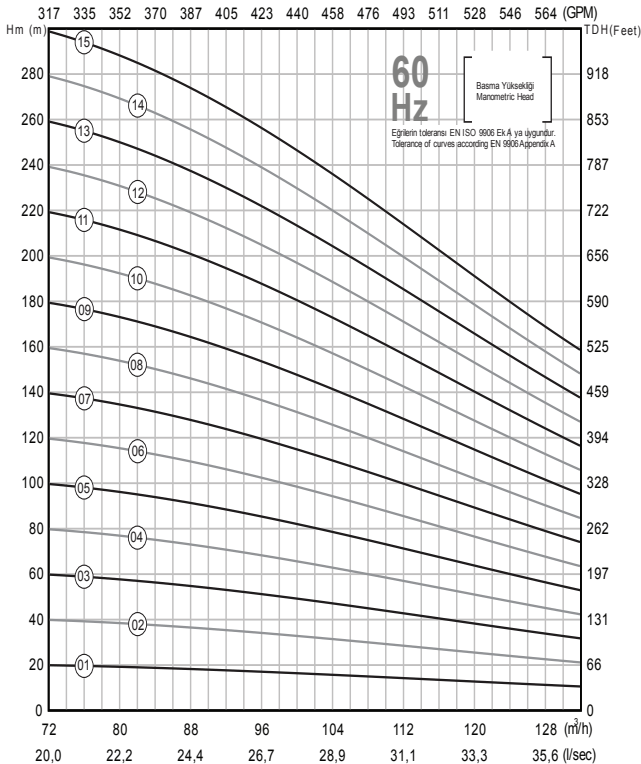
675 . 601 . 6 . 10

Pump serie name ■ Component drawing no ■ Motor size ■ Stage

(if necessary) (if necessary)

(if necessary) (if necessary)

STAINLESS STEEL PUMP

Vasco
60 Hz

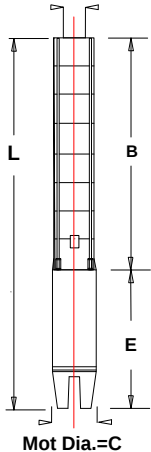
Performans eğrileri kinematik viskozite $\nu = 1 \text{ mm}^2/\text{s}$ ve yoğunluk $\rho = 1000 \text{ kg/m}^3$ temel alınarak oluşturulmuştur.
Performance curves are based on the kinematic viscosity $\nu = 1 \text{ mm}^2/\text{s}$ and density $\rho = 1000 \text{ kg/m}^3$

POMPA TİPİ PUMP TYPE	MOTOR MOTEUR			ÖLÇÜLER / DIMENSIONS (mm)										AĞIRLIK / WEIGHT (kg)							
				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"	
	VSS 877_60_01	7,5	-	5,5	1200	-	630	-	570	-	145	-	174		-	5"	46	-	22	-	68
VSS 877_60_02	15	-	11	1428	-	730	-	698	-	145	-	174	-	5"	56	-	25	-	81	-	
VSS 877_60_03	25	-	18,5	1706	-	880	-	826	-	145	-	174	-	5"	72	-	29	-	101	-	
VSS 877_60_04	30	30	22	1934	1895	980	930	954	965	145	195	174	182	5"	82	121	32	32	114	153	
VSS 877_60_05	35	35	26	2112	2133	1080	1040	1082	1093	145	195	174	182	5"	88	140	35	36	123	176	
VSS 877_60_06	50	50	37	2400	2291	1190	1070	1210	1221	145	195	174	182	5"	106	146	39	40	145	186	
VSS 877_60_07	50	50	37	2528	2419	1190	1070	1338	1349	145	195	174	182	5"	106	146	42	44	148	190	
VSS 877_60_08	60	60	45	2736	2607	1270	1130	1466	1477	145	195	174	182	5"	116	158	45	48	161	206	
VSS 877_60_09	-	70	52	-	2815	-	1210	-	1605	-	195	-	182	5"	-	177	-	52	-	229	
VSS 877_60_10	-	75	55	-	2983	-	1250	-	1733	-	195	-	182	5"	-	184	-	55	-	239	
VSS 877_60_11	-	80	59	-	3141	-	1280	-	1861	-	195	-	182	5"	-	190	-	59	-	249	
VSS 877_60_12	-	90	66	-	3354	-	1365	-	1989	-	195	-	182	5"	-	204	-	63	-	267	
VSS 877_60_13	-	100	75	-	3547	-	1430	-	2117	-	195	-	182	5"	-	218	-	67	-	285	
VSS 877_60_14	-	100	75	-	3675	-	1430	-	2245	-	195	-	182	5"	-	218	-	71	-	289	
VSS 877_60_15	-	110	81	-	3873	-	1500	-	2373	-	195	-	182	5"	-	230	-	75	-	305	

POMPA TİPİ PUMP TYPE	MOTOR MOTEUR			Basma Yüksekliği (ft) Total Dynamic Head (ft)												
	6" HP	8" HP	kW	m³/h	0	72	78	84	90	96	102	108	114	120	126	132
				l / min	0	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200
				BBLs/d	0	10876	11782	2689	3595	14502	15408	16314	17221	18127	19033	19940
VSS 877_60_01	7,5	-	5,5		82	66	62	62	59	56	52	49	46	43	39	36
VSS 877_60_02	15	-	11		161	131	128	125	118	112	105	98	92	82	79	69
VSS 877_60_03	25	-	18,5		243	197	190	187	177	167	157	148	138	125	115	105
VSS 877_60_04	30	30	22		325	262	253	249	233	223	210	200	180	164	154	138
VSS 877_60_05	35	35	26		407	328	318	312	292	279	262	249	226	207	194	174
VSS 877_60_06	50	50	37		486	394	381	374	351	335	315	299	272	249	233	207
VSS 877_60_07	50	50	37		568	459	446	436	410	390	367	348	318	289	269	243
VSS 877_60_08	60	60	45		650	525	509	499	469	446	420	397	364	331	308	276
VSS 877_60_09	-	70	52		728	587	571	561	528	502	472	446	410	371	348	312
VSS 877_60_10	-	75	55		810	653	637	623	587	558	528	495	453	413	387	345
VSS 877_60_11	-	80	59		892	719	699	682	643	614	581	548	499	456	423	381
VSS 877_60_12	-	90	66		974	784	761	745	702	669	633	597	545	495	463	417
VSS 877_60_13	-	100	75		1.053	850	827	807	761	728	686	646	591	538	502	449
VSS 877_60_14	-	100	75		1.135	915	889	869	820	784	738	696	637	581	541	486
VSS 877_60_15	-	110	81		1.217	981	951	932	879	840	791	745	682	620	577	518

The hydraulic working characteristics been calculated with water at 15 deg. C at the atmospherically pressure of 1 bar.
The Hydraulic characteristics given in the leaflet does not include the loss in the check valve.

Pump Diam. 5"



60 Hz seçim aralığı: Q= 72 m³/sa - 132 m³/sa

Standart Klepe Çıkışı : NPT - Rp 5

Fan tipi: Semiaksiyel

Dönüş : Saat Yönü Tersi

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

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

TS EN ISO 12100-1:2007

TS EN ISO 12100-2:2006

Tarih

10/2012

REV. 0

Operating range at 60 Hz: Q= 72 m³/h - 132 m³/h

Standard Outlet : NPT - Rp 5

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

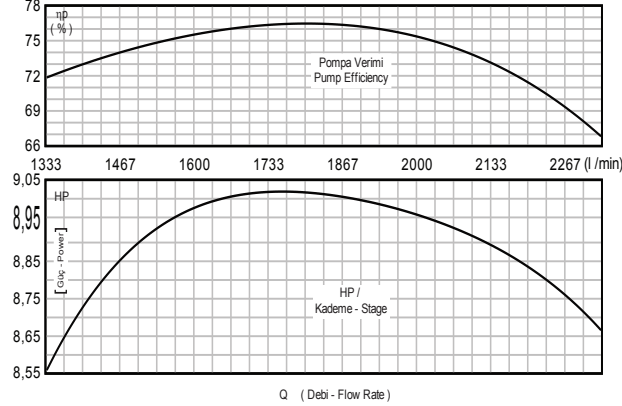
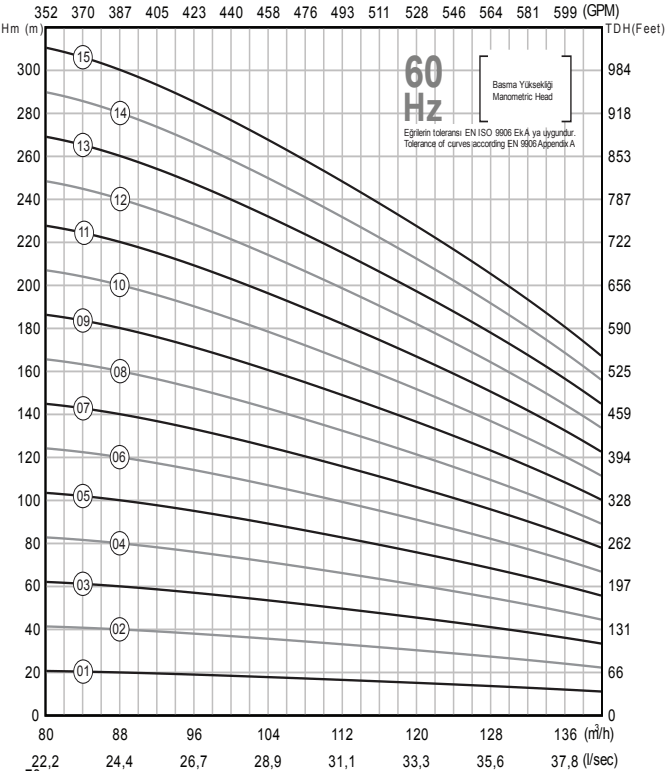
TS EN ISO 12100-1:2007

TS EN ISO 12100-2:2006

Date

10/2012

REV. 0



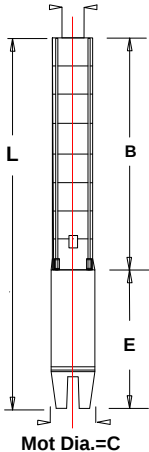
Performans eğrileri kinematik viskozite $\nu = 1 \text{ mm}^2/\text{s}$ ve yoğunluk $\rho = 1000 \text{ kg/m}^3$ temel alınarak oluşturulmuştur.
Performance curves are based on the kinematic viscosity $\nu = 1 \text{ mm}^2/\text{s}$ and density $\rho = 1000 \text{ kg/m}^3$

POMPA TİPİ PUMP TYPE	MOTOR MOTEUR		ÖLÇÜLER / DIMENSIONS (mm)										AĞIRLIK / WEIGHT (kg)					
			8"-6"		8"-8"		6"		8"		8"-6"		8"-8"		8"-6"		8"-8"	
	6" HP	8" HP	KW	L	L	E	E	B	B	ø = C	ø = C	ø PUMP	ø PUMP	ø D	6"	8"	8"-6"	8"-8"
VSS 895_60_01	10	-	7,5	1220	-	650	-	570	-	145	-	174	-	5"	48	-	22	-
VSS 895_60_02	17,5	-	13	1478	-	780	-	698	-	145	-	174	-	5"	60	-	25	-
VSS 895_60_03	25	-	18,5	1706	-	880	-	826	-	145	-	174	-	5"	72	-	29	-
VSS 895_60_04	35	35	26	1984	2005	1030	1040	954	965	145	195	174	182	5"	88	140	32	35
VSS 895_60_05	40	40	30	2192	2133	1110	1040	1082	1093	145	195	174	182	5"	98	140	35	37
VSS 895_60_06	50	50	37	2400	2291	1190	1070	1210	1221	145	195	174	182	5"	106	146	38	40
VSS 895_60_07	60	60	45	2608	2479	1270	1130	1338	1349	145	195	174	182	5"	116	158	41	42
VSS 895_60_08	-	70	52	-	2887	-	1210	-	1477	-	195	-	182	5"	-	177	-	45
VSS 895_60_09	-	75	55	-	2855	-	1250	-	1605	-	195	-	182	5"	-	184	-	47
VSS 895_60_10	-	80	59	-	3013	-	1280	-	1733	-	195	-	182	5"	-	190	-	50
VSS 895_60_11	-	90	66	-	3226	-	1365	-	1861	-	195	-	182	5"	-	204	-	53
VSS 895_60_12	-	100	75	-	3419	-	1430	-	1989	-	195	-	182	5"	-	218	-	55
VSS 895_60_13	-	110	81	-	3617	-	1500	-	2117	-	195	-	182	5"	-	230	-	58
VSS 895_60_14	-	110	81	-	3745	-	1500	-	2245	-	195	-	182	5"	-	230	-	60
VSS 895_60_15	-	125	92	-	3993	-	1620	-	2373	-	195	-	182	5"	-	252	-	63

POMPA TİPİ PUMP TYPE	MOTOR MOTEUR		m³/h	0 80 85 90 95 100 105 110 115 120 125 130 135 140													
				l / min													
	6" HP	8" HP	KW	BBLs/d	0	12085	12840	13595	14350	15106	15861	16616	17372	18127	18882	19637	20393
VSS 895_60_01	10	-	7,5	Basma Yüksekliği (ft) Total Dynamic Head (ft)	82	69	66	66	62	62	59	56	52	49	46	43	39
VSS 895_60_02	17,5	-	13		161	135	135	131	125	121	115	112	105	102	92	89	79
VSS 895_60_03	25	-	18,5		243	203	200	197	187	184	174	167	157	151	141	131	121
VSS 895_60_04	35	35	26		322	272	266	259	249	243	233	223	207	200	187	174	161
VSS 895_60_05	40	40	30		404	338	335	325	312	305	292	279	259	249	233	220	200
VSS 895_60_06	50	50	37		482	407	400	390	374	364	348	335	312	302	279	262	240
VSS 895_60_07	60	60	45		564	476	469	456	436	427	407	390	364	351	328	305	282
VSS 895_60_08	-	70	52		643	541	535	522	499	489	466	446	417	400	374	351	322
VSS 895_60_09	-	75	55		725	610	600	587	561	548	522	502	469	453	420	394	361
VSS 895_60_10	-	80	59		804	679	669	653	620	610	581	558	522	502	466	436	400
VSS 895_60_11	-	90	66		886	748	735	719	682	669	640	614	574	551	512	482	444
VSS 895_60_12	-	100	75		965	814	801	781	745	732	699	669	623	600	561	525	482
VSS 895_60_13	-	110	81		1047	883	869	846	807	791	755	725	676	653	607	568	522
VSS 895_60_14	-	110	81		1125	951	935	912	869	853	814	778	728	702	653	614	561
VSS 895_60_15	-	125	92		1207	1017	1001	978	932	912	873	833	781	751	699	656	604

The hydraulic working characteristics been calculated with water at 15 deg. C at the atmospherically pressure of 1 bar.
The Hydraulic characteristics given in the leaflet does not include the loss in the check valve.

Pump Diam. 5"



60 Hz seçim aralığı: $Q = 80 \text{ m}^3/\text{sa} - 140 \text{ m}^3/\text{sa}$
Standart Klepe Çıkışı : NPT - Rp 5
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

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 60 Hz: $Q = 80 \text{ m}^3/\text{h} - 140 \text{ m}^3/\text{h}$
Standard Outlet : NPT - Rp 5
Impeller type: Mixed flow
Rotation : CCW
Connection : According to NEMA Standard
Shaft Diameter : 25 mm

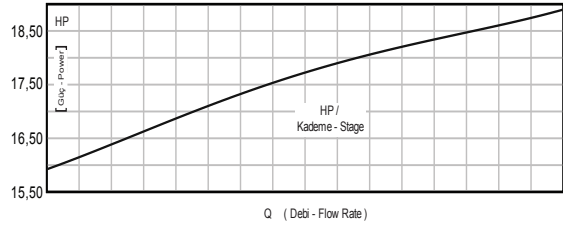
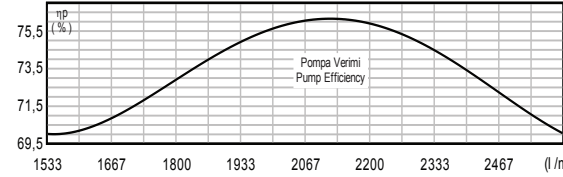
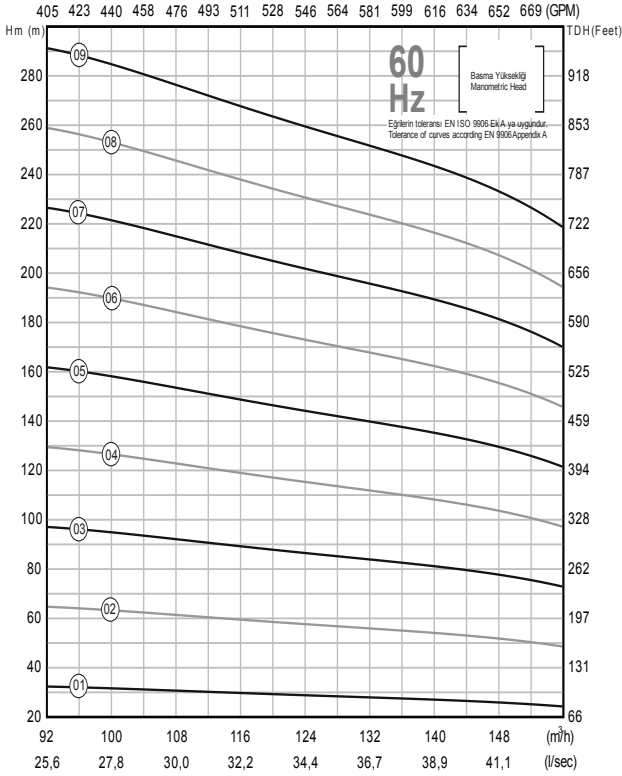
Minimum liquid level (NPSH) : 1200 mm from bottom of suction grid
Maximum pump (Wet end) diameter - (Including cable guard): 182 mm

Liquid being pumped: Chemically and mechanically non aggressive.
Maximum allowable solid quantity = 50 g/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

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STAINLESS STEEL PUMP



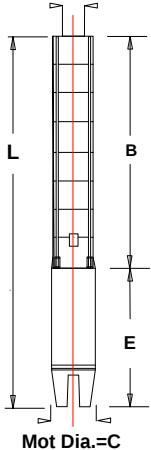
Performans eğrileri kinematik viskozite $\nu = 1 \text{ mm}^2/\text{s}$ ve yoğunluk $\rho = 1000 \text{ kg/m}^3$ temel alınarak oluşturulmuştur.
Performance curves are based on the kinematic viscosity $\nu = 1 \text{ mm}^2/\text{s}$ and density $\rho = 1000 \text{ kg/m}^3$

POMPA TİPİ PUMP TYPE	MOTOR MOTEUR		ÖLÇÜLER / DIMENSIONS (mm)										AĞIRLIK / WEIGHT (kg)					
			10"-6"		10"-8"		6"		8"		10"-6"		10"-8"		6"		8"	
	6" HP	8" HP	L	L	E	E	B	B	$\phi = C$	$\phi = C$	ϕ PUMP	ϕ D	MOTOR		POMPA PUMP		TOPLAM TOTAL	
													6"	8"	10"-6"	10"-8"	10"-6"	10"-8"
VSS 10108_60_01	18	13	1388	-	780	-	608	-	145	-	208	6"	60	-	30	-	90	-
VSS 10108_60_02	35	35	26	1794	1804	1030	1040	764	764	145	195	208	6"	88	140	36	124	177
VSS 10108_60_03	50	50	37	2110	1990	1190	1070	920	920	145	195	208	6"	106	146	42	148	189
VSS 10108_60_04	-	70	52	-	2286	-	1210	-	1076	-	195	208	6"	-	177	-	50	227
VSS 10108_60_05	-	90	66	-	2597	-	1365	-	1232	-	195	208	6"	-	204	-	55	259
VSS 10108_60_06	-	110	81	-	2888	-	1500	-	1388	-	195	208	6"	-	230	-	62	292
VSS 10108_60_07	-	125	92	-	3164	-	1620	-	1544	-	195	208	6"	-	252	-	68	320
VSS 10108_60_08	-	150	110	-	3505	-	1805	-	1700	-	195	208	6"	-	292	-	74	366
VSS 10108_60_09	-	150	110	-	3661	-	1805	-	1856	-	195	208	6"	-	292	-	80	372

POMPA TİPİ PUMP TYPE	MOTOR MOTEUR			m³/h	0	92	100	108	116	124	132	140	148	156
	6" HP	8" HP	kW	l/min	0	1533	1667	1800	1933	2067	2200	2333	2467	2600
				BBLs/d	0	13.897	15.106	16.314	17.523	18.731	19.940	21.148	22.356	23.565
VSS 10108_60_01	17,5	-	13	Basma Yüksekliği (ft) Total Dynamic Head (ft)	118	105	105	102	98	95	92	89	85	79
VSS 10108_60_02	35	35	26		236	213	207	200	197	190	184	177	171	157
VSS 10108_60_03	50	50	37		354	318	312	302	295	285	272	266	256	240
VSS 10108_60_04	-	70	52		472	427	417	400	394	381	364	354	341	318
VSS 10108_60_05	-	90	66		591	532	518	502	492	476	456	443	427	397
VSS 10108_60_06	-	110	81		709	637	623	600	591	568	548	532	512	476
VSS 10108_60_07	-	125	92		827	745	725	702	689	663	640	620	597	558
VSS 10108_60_08	-	150	110		945	850	830	801	784	758	728	709	686	637
VSS 10108_60_09	-	150	110		1063	955	935	902	883	853	820	797	771	715

The hydraulic working characteristics been calculated with water at 15 deg. C at the atmospheric pressure of 1 bar.
The Hydraulic characteristics given in the leaflet does not include the loss in the check valve.

Pump Diam. 6"



60 Hz seçim aralığı: $Q = 92 \text{ m}^3/\text{sa} - 156 \text{ m}^3/\text{sa}$
Standart Klepe Çıkışı : NPT - Rp 6
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
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

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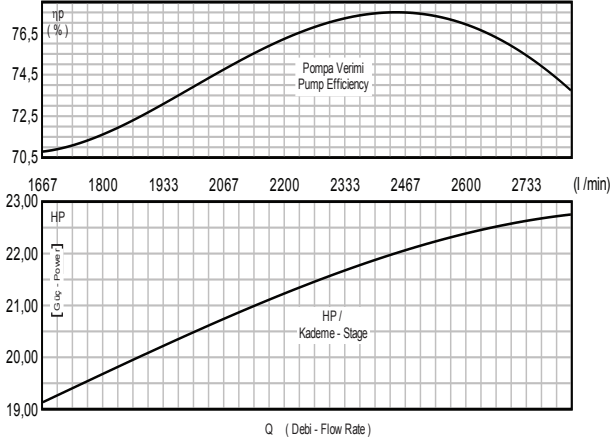
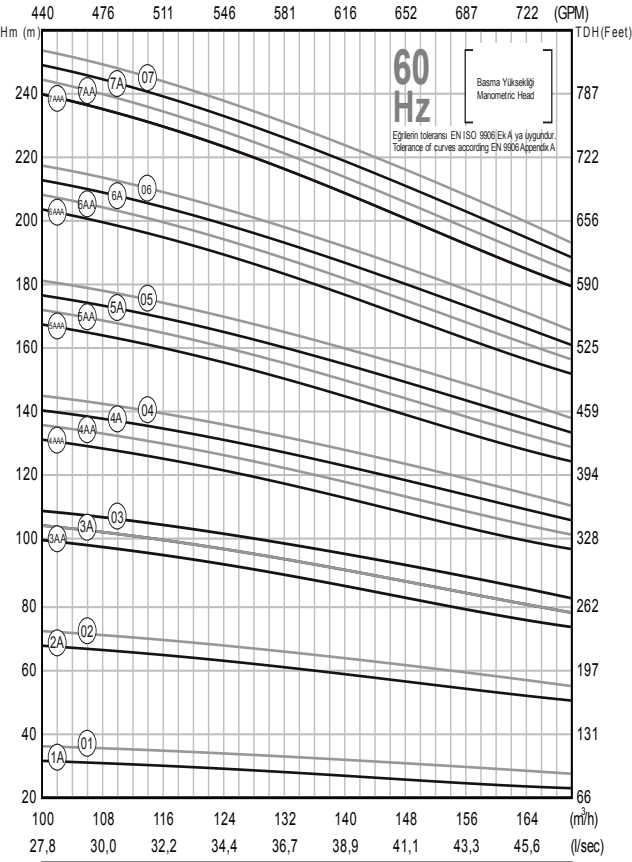
Operating range at 60 Hz: $Q = 92 \text{ m}^3/\text{h} - 156 \text{ m}^3/\text{h}$
Standard Outlet : NPT - Rp 6
Impeller type: Mixed flow
Rotation : CCW
Connection : According to NEMA Standard
Shaft Diameter : 32 mm

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

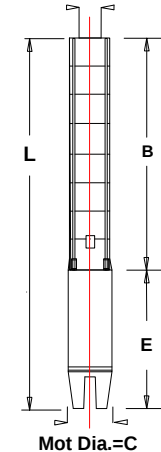
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STAINLESS STEEL PUMP



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 $\rho = 1000 \text{ kg/m}^3$

Pump Diam. 6"



60 Hz seçim aralığı: $Q = 100 \text{ m}^3/\text{sa} - 170 \text{ m}^3/\text{sa}$
Standart Klepe Çıkışı : NPT - Rp 6
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
Pompanılan 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 809:2000 98/37/EC
TS EN ISO 12100-1:2007 TS EN ISO 12100-2:2006

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Operating range at 60 Hz: $Q = 100 \text{ m}^3/\text{h} - 170 \text{ m}^3/\text{h}$
Standard Outlet : NPT - Rp 6
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/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

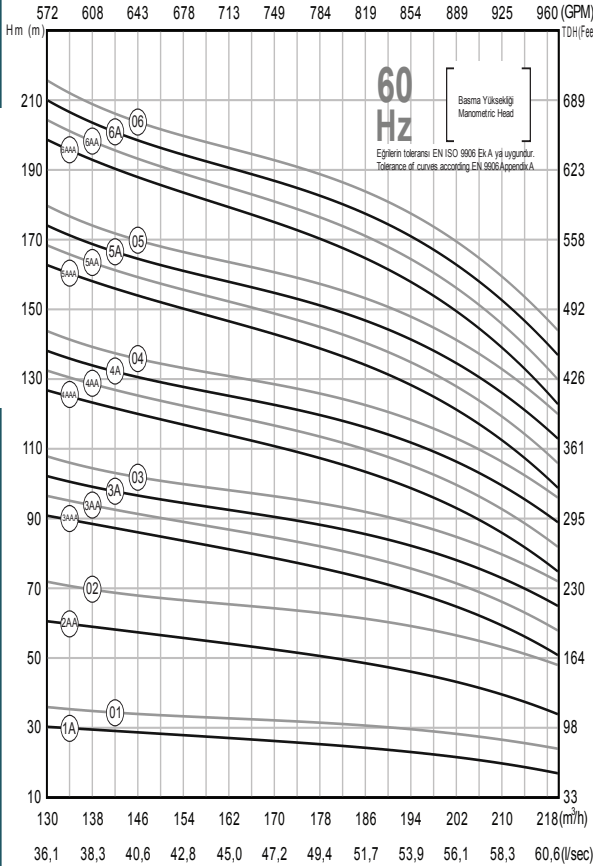
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POMPA TİPİ PUMP TYPE	MOTOR MOTEUR		ÖLÇÜLER / DIMENSIONS (mm)										AĞIRLIK / WEIGHT (kg)						
			10"-6"		10"-8"		6"		8"		ø PUMP	ø D	MOTOR		POMPA PUMP		TOPLAM TOTAL		
	6" HP	8" HP	kW	L	L	E	E	B	B	ø = C			ø = C	6" 6"	8" 8"	10"-6" 10"-6"	10"-8" 10"-8"	10"-6" 10"-6"	10"-8" 10"-8"
VSS 10125_60_1A	17,5	-	13	1388	-	780	-	608	-	145	-	208	6"	60	-	30	-	90	-
VSS 10125_60_1	20	-	15	1438	-	830	-	608	-	145	-	208	6"	66	-	30	-	96	-
VSS 10125_60_2A	35	35	26	1794	1804	1030	1040	764	764	145	195	208	6"	88	140	36	37	124	177
VSS 10125_60_2	50	50	37	1954	1834	1190	1070	764	764	145	195	208	6"	106	146	36	37	142	183
VSS 10125_60_3AA	60	60	45	2190	2050	1270	1130	920	920	145	195	208	6"	116	158	36	37	152	195
VSS 10125_60_3A	60	60	45	2190	2050	1270	1130	920	920	145	195	208	6"	116	158	42	43	158	201
VSS 10125_60_3	-	70	52	-	2130	1210	-	920	-	195	208	6"	-	177	-	43	-	220	-
VSS 10125_60_4AAA	-	75	55	-	2326	1250	-	1076	-	195	208	6"	-	184	-	43	-	227	-
VSS 10125_60_4AA	-	75	55	-	2326	1250	-	1076	-	195	208	6"	-	184	-	43	-	227	-
VSS 10125_60_4A	-	80	59	-	2356	1280	-	1076	-	195	208	6"	-	190	-	50	-	240	-
VSS 10125_60_4	-	90	66	-	2441	1365	-	1076	-	195	208	6"	-	204	-	50	-	254	-
VSS 10125_60_5AAA	-	90	66	-	2597	1365	-	1232	-	195	208	6"	-	204	-	50	-	254	-
VSS 10125_60_5AA	-	100	75	-	2662	1430	-	1232	-	195	208	6"	-	218	-	50	-	268	-
VSS 10125_60_5A	-	110	81	-	2732	1500	-	1232	-	195	208	6"	-	230	-	56	-	286	-
VSS 10125_60_5	-	110	81	-	2732	1500	-	1232	-	195	208	6"	-	230	-	56	-	286	-
VSS 10125_60_6AAA	-	125	92	-	3008	1620	-	1388	-	195	208	6"	-	252	-	56	-	308	-
VSS 10125_60_6AA	-	125	92	-	3008	1620	-	1388	-	195	208	6"	-	252	-	56	-	308	-
VSS 10125_60_6A	-	125	92	-	3008	1620	-	1388	-	195	208	6"	-	252	-	62	-	314	-
VSS 10125_60_6	-	125	92	-	3008	1620	-	1388	-	195	208	6"	-	252	-	62	-	314	-
VSS 10125_60_7AAA	-	150	110	-	3349	1805	-	1544	-	195	208	6"	-	292	-	62	-	354	-
VSS 10125_60_7AA	-	150	110	-	3349	1805	-	1544	-	195	208	6"	-	292	-	62	-	354	-
VSS 10125_60_7A	-	150	110	-	3349	1805	-	1544	-	195	208	6"	-	292	-	68	-	360	-
VSS 10125_60_7	-	150	110	-	3349	1805	-	1544	-	195	208	6"	-	292	-	68	-	360	-

POMPA TİPİ PUMP TYPE	MOTOR MOTEUR			m³/h	0	100	110	120	125	130	135	140	145	150	155	160	170	
	6" HP	8" HP	kW		l/min	0	1667	1833	2000	2083	2167	2250	2333	2417	2500	2583	2667	2833
					BBL/sld	0	15.106	16.616	18.127	18.882	19.637	20.393	21.148	21.903	22.659	23.414	24.169	25.680
VSS 10125_60_1A	17,5	-	13	Başma Yüksekliği (ft) Total Dynamic Head (ft)	118	105	102	98	95	92	89	89	89	85	82	79	75	
VSS 10125_60_1	20	-	15		138	118	115	112	112	108	108	105	102	98	98	98	89	
VSS 10125_60_2A	35	35	26		256	223	217	213	207	200	197	194	190	184	177	174	167	
VSS 10125_60_2	50	50	37		272	236	233	226	220	220	217	210	203	197	197	194	180	
VSS 10125_60_3AA	60	60	45		374	328	318	312	302	292	289	282	276	269	269	259	253	243
VSS 10125_60_3A	60	60	45		390	341	331	325	315	312	305	299	292	285	276	272	272	256
VSS 10125_60_3	-	70	52		410	358	348	338	331	328	325	315	305	299	295	292	292	269
VSS 10125_60_4AAA	-	75	55		492	430	417	410	394	384	377	371	364	354	338	328	318	318
VSS 10125_60_4AA	-	75	55		509	446	433	423	410	400	397	387	377	371	358	348	338	331
VSS 10125_60_4A	-	80	59		528	459	449	436	427	420	413	404	394	384	374	367	367	348
VSS 10125_60_4	-	90	66		548	476	466	449	443	440	433	420	407	397	390	387	387	361
VSS 10125_60_5AAA	-	90	66		627	548	535	525	505	492	486	476	466	456	436	427	427	407
VSS 10125_60_5AA	-	100	75		646	564	551	535	522	512	505	492	479	469	456	446	446	423
VSS 10125_60_5A	-	110	81		666	581	564	548	538	528	522	509	495	482	472	466	466	436
VSS 10125_60_5	-	110	81		682	594	581	561	554	548	541	525	509	495	489	486	486	449
VSS 10125_60_6AAA	-	125	92		764	669	650	637	617	604	594	581	568	554	535	522	522	499
VSS 10125_60_6AA	-	125	92		784	682	666	650	633	620	614	597	581	568	554	541	512	512
VSS 10125_60_6A	-	125	92		801	699	682	663	650	640	630	614	597	581	571	561	561	528
VSS 10125_60_6	-	125	92		820	712	699	676	663	656	650	630	610	594	587	581	581	541
VSS 10125_60_7AAA	-	150	110		902	787	768	748	728	712	702	686	669	653	633	620	587	587
VSS 10125_60_7AA	-	150	110	919	801	781	761	742	732	722	702	682	666	650	640	604	604	
VSS 10125_60_7A	-	150	110	938	817	797	774	758	748	738	719	699	679	669	659	617	617	
VSS 10125_60_7	-	150	110	958	833	814	787	774	768	758	735	712	696	686	679	630	630	

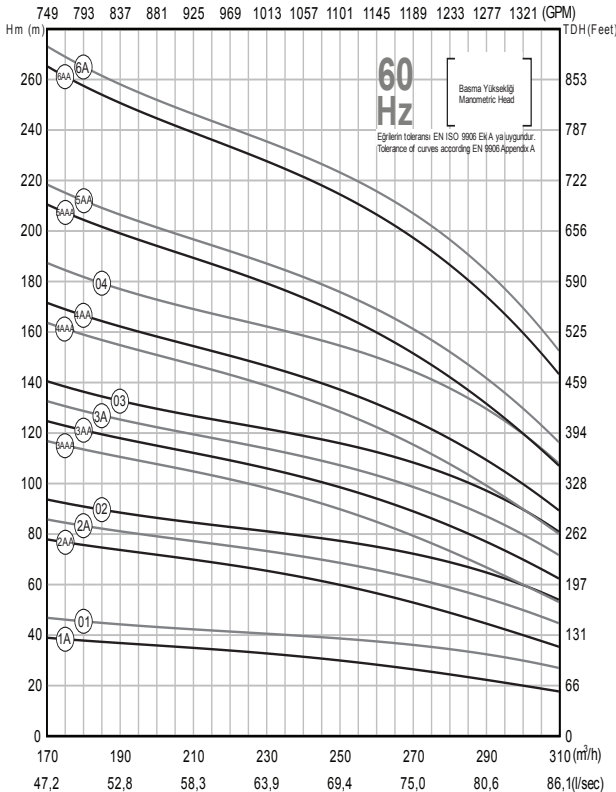
The hydraulic working characteristics been calculated with water at 15 deg. C at the atmospherically pressure of 1 bar.
The Hydraulic characteristics given in the leaflet does not include the loss in the check valve.

STAINLESS STEEL PUMP



POMPA TİPİ PUMP TYPE	MOTOR MOTEUR			ÖLÇÜLER / DIMENSIONS (mm)										AĞIRLIK / WEIGHT (kg)					
				10"-6"		10"-8"	6"	8"	10"-6"	10"- 8"	6"	8"	Ø 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"
VSS 10160_60_1A	25	-	18,5	1488	-	880	-	608	-	145	-	208	6"	72	-	30	-	102	-
VSS 10160_60_1	30	30	22	1588	1538	980	930	608	608	145	195	208	6"	82	121	30	31	112	152
VSS 10160_60_2AA	50	50	37	1954	1834	1190	1070	764	764	145	195	208	6"	106	146	36	37	142	183
VSS 10160_60_2	60	60	45	2034	1894	1270	1130	764	764	145	195	208	6"	116	158	36	37	152	195
VSS 10160_60_3AAA	-	70	52	-	2130	-	1210	-	920	-	195	208	6"	-	177	-	43	-	220
VSS 10160_60_3AA	-	70	52	-	2130	-	1210	-	920	-	195	208	6"	-	177	-	43	-	220
VSS 10160_60_3A	-	75	55	-	2170	-	1250	-	920	-	195	208	6"	-	184	-	43	-	227
VSS 10160_60_3	-	80	59	-	2200	-	1280	-	920	-	195	208	6"	-	190	-	43	-	233
VSS 10160_60_4AAA	-	90	66	-	2441	-	1365	-	1076	-	195	208	6"	-	204	-	50	-	254
VSS 10160_60_4AA	-	90	66	-	2441	-	1365	-	1076	-	195	208	6"	-	204	-	50	-	254
VSS 10160_60_4A	-	100	75	-	2506	-	1430	-	1076	-	195	208	6"	-	218	-	50	-	268
VSS 10160_60_4	-	110	81	-	2576	-	1500	-	1076	-	195	208	6"	-	230	-	50	-	280
VSS 10160_60_5AAA	-	125	92	-	2852	-	1620	-	1232	-	195	208	6"	-	252	-	56	-	308
VSS 10160_60_5AA	-	125	92	-	2852	-	1620	-	1232	-	195	208	6"	-	252	-	56	-	308
VSS 10160_60_5A	-	125	92	-	2852	-	1620	-	1232	-	195	208	6"	-	252	-	56	-	308
VSS 10160_60_5	-	125	92	-	2852	-	1620	-	1232	-	195	208	6"	-	252	-	56	-	308
VSS 10160_60_6AAA	-	150	110	-	3193	-	1805	-	1388	-	195	208	6"	-	292	-	63	-	355
VSS 10160_60_6AA	-	150	110	-	3193	-	1805	-	1388	-	195	208	6"	-	292	-	63	-	355
VSS 10160_60_6A	-	150	110	-	3193	-	1805	-	1388	-	195	208	6"	-	292	-	63	-	355
VSS 10160_60_6	-	150	110	-	3193	-	1805	-	1388	-	195	208	6"	-	292	-	63	-	355

POMPA TİPİ PUMP TYPE	MOTOR MOTEUR			m³/h																					
	6" HP	8" HP	kW																						
				l / min		0	2167	2333	2500	2667	2833	3000	3083	3167	3250	3333	3500	3667							
				BBLs/d		0	19.637	21.148	22.659	24.169	25.680	27.190	27.946	28.701	29.456	30.211	31.722	33.233							
Basma Yüksekliği (ft) Total Dynamic Head (ft)	VSS 10160_60_1A	25	-	18.5	131	98	95	92	92	85	82	79	75	79	69	62	56								
	VSS 10160_60_1	30	30	22	154	118	115	112	108	105	102	102	98	98	95	85	79								
	VSS 10160_60_2AA	50	50	37	266	200	190	187	180	171	164	157	154	161	141	128	112								
	VSS 10160_60_2	60	60	45	308	236	226	220	217	210	203	200	200	194	190	171	157								
	VSS 10160_60_3AAA	-	70	52	397	299	289	279	272	256	243	236	230	240	210	190	167								
	VSS 10160_60_3AA	-	70	52	417	315	305	295	289	276	266	259	253	256	236	213	190								
	VSS 10160_60_3A	-	75	55	440	335	325	315	305	295	285	282	276	276	259	233	213								
	VSS 10160_60_3	-	80	59	459	354	341	331	322	315	305	302	299	292	285	256	240								
	VSS 10160_60_4AAA	-	90	66	551	417	400	390	377	361	345	338	331	338	305	276	246								
	VSS 10160_60_4AA	-	90	66	571	433	420	407	397	381	367	361	354	354	331	299	269								
	VSS 10160_60_4A	-	100	75	594	453	436	423	413	400	387	381	377	371	354	318	295								
	VSS 10160_60_4	-	110	81	614	472	456	443	430	420	407	404	400	390	381	338	318								
	VSS 10160_60_5AAA	-	125	92	705	535	515	499	486	466	446	440	430	436	400	361	325								
VSS 10160_60_5AA	-	125	92	725	551	532	518	502	486	469	459	453	453	427	381	351									
VSS 10160_60_5A	-	125	92	748	571	551	535	522	505	489	482	476	469	449	404	374									
VSS 10160_60_5	-	125	92	768	587	568	554	538	525	509	505	499	486	476	423	397									
VSS 10160_60_6AAA	-	150	110	856	653	630	610	594	571	548	538	528	532	495	446	407									
VSS 10160_60_6AA	-	150	110	879	669	646	627	610	591	571	561	551	551	522	466	430									
VSS 10160_60_6A	-	150	110	899	689	666	646	630	610	591	584	577	568	545	489	453									
VSS 10160_60_6	-	150	110	922	705	682	663	646	630	610	604	600	584	571	509	476									



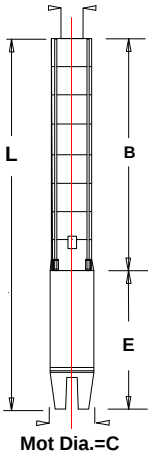
POMPA TIPI PUMP TYPE	MOTOR MOTEUR			ÖLÇÜLER / DIMENSIONS (mm)										AĞIRLIK / WEIGHT (kg)				
				10"-8"		10"-10"		8"	10"	10"	8"	10"	ø PUMP	ø D	MOTOR		POMPA PUMP	TOPLAM TOTAL
	8" HP	10" HP	kW	L	L	E	E	B	ø = C	ø = C	8"	10"			10"-8"	10"-8"	10"-10"	
VSS 10215_60_1A	35	-	26	1816	-	1040	-	776	195	-	232	6"	140	-	51,6	191,6	-	-
VSS 10215_60_1	50	-	37	1846	-	1070	-	776	195	-	232	6"	146	-	51,6	197,6	-	-
VSS 10215_60_2AA	70	-	52	2162	-	1210	-	952	195	-	232	6"	177	-	60,7	237,7	-	-
VSS 10215_60_2A	75	-	55	2202	-	1250	-	952	195	-	232	6"	184	-	60,7	244,7	-	-
VSS 10215_60_2	90	-	66	2317	-	1365	-	952	195	-	232	6"	204	-	60,7	264,7	-	-
VSS 10215_60_3AAA	100	-	75	2558	-	1430	-	1128	195	-	232	6"	218	-	69,8	287,8	-	-
VSS 10215_60_3AA	110	-	81	2628	-	1500	-	1128	195	-	232	6"	230	-	69,8	299,8	-	-
VSS 10215_60_3A	125	125	92	2748	2472	1620	1344	1128	195	240	232	6"	252	300	69,8	321,8	369,8	-
VSS 10215_60_3	125	125	92	2748	2472	1620	1344	1128	195	240	232	6"	252	300	69,8	321,8	369,8	-
VSS 10215_60_4AAA	150	150	110	3109	2768	1805	1464	1304	195	240	232	6"	292	330	78,9	370,9	408,9	-
VSS 10215_60_4AA	150	150	110	3109	2768	1805	1464	1304	195	240	232	6"	292	330	78,9	370,9	408,9	-
VSS 10215_60_4	-	180	132	-	2888	-	1584	1304	-	240	232	6"	-	370	78,9	-	448,9	-
VSS 10215_60_5AAA	-	200	147	-	3154	-	1674	1480	-	240	232	6"	-	400	88,0	-	488,0	-
VSS 10215_60_5AA	-	200	147	-	3154	-	1674	1480	-	240	232	6"	-	400	88,0	-	488,0	-
VSS 10215_60_6AA	-	250	185	-	3530	-	1874	1656	-	240	232	6"	-	464	97,1	-	561,1	-
VSS 10215_60_6A	-	250	185	-	3530	-	1874	1656	-	240	232	6"	-	464	97,1	-	561,1	-

POMPA TIPI PUMP TYPE	MOTOR MOTEUR			m³/h																
	8" HP	10" HP	kW	l/min		BBLs/d														
				0	2833	3167	3500	3833	4000	4083	4167	4250	4333	4500	4833	5167				
				0	25680	28701	31722	34743	36254	37009	37764	38520	39275	40785	43807	46828				
VSS 10215_60_1A	35	-	26	Basma Yüksekliği (ft) Total Dynamic Head (ft)	167	128	121	115	108	105	102	98	95	92	85	75	59			
VSS 10215_60_1	50	-	37		197	154	144	138	135	131	128	128	125	121	118	108	89			
VSS 10215_60_2AA	70	-	52		338	256	240	230	217	207	203	194	190	187	171	148	115			
VSS 10215_60_2A	75	-	55		364	282	266	253	243	233	230	223	220	217	203	180	144			
VSS 10215_60_2	90	-	66		394	308	289	279	269	259	256	253	249	246	236	213	177			
VSS 10215_60_3AAA	100	-	75		505	384	361	345	322	312	305	292	285	279	259	223	174			
VSS 10215_60_3AA	110	-	81		535	410	387	367	348	338	331	322	315	308	289	256	203			
VSS 10215_60_3A	125	125	92		564	436	410	394	374	364	358	351	345	338	322	289	233			
VSS 10215_60_3	125	125	92		591	463	433	417	400	390	384	381	374	367	354	322	262			
VSS 10215_60_4AAA	150	150	110		702	538	505	482	456	443	433	420	410	400	374	328	259			
VSS 10215_60_4AA	150	150	110		732	564	532	505	482	469	459	449	440	430	407	361	292			
VSS 10215_60_4	-	180	132		787	617	577	554	535	522	512	509	499	492	472	430	351			
VSS 10215_60_5AAA	-	200	147		899	692	650	620	591	571	561	545	535	525	492	436	348			
VSS 10215_60_5AA	-	200	147		929	719	676	646	617	597	587	574	564	554	525	469	381			
VSS 10215_60_6AA	-	250	185		1.125	873	820	784	751	728	715	702	689	676	643	577	466			
VSS 10215_60_6A	-	250	185		1.155	899	843	807	778	755	742	732	719	705	676	610	499			

The hydraulic working characteristics been calculated with water at 15 deg. C at the atmospherically pressure of 1 bar.
The Hydraulic characteristics given in the leaflet does not include the loss in the check valve.

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: $\rho = 1000 \text{ kg/m}^3$

Pump Diam. 6"



50 Hz seçim aralığı: $Q = 170 \text{ m}^3/\text{sa} - 310 \text{ m}^3/\text{sa}$
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

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: $Q = 170 \text{ m}^3/\text{h} - 310 \text{ m}^3/\text{h}$
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/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
05 / 2013
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VASCO do design and manufacture CrossOvers commonly used to connect mismatched pin to box tools for many various applications available in different types, configurations and sizes to assure the match of different components.

The CrossOvers are manufactured with suitable size and threads specification as Metric, Non-Upset NUE, External Upset Ends EUE, National Pipe Threaded NPT, Client's custom specifications both in Carbon Steel and different grades of Stainless Steel materials to assure the durability to the medium and application.

