

NORİL HİDROFOR POMPA

NORYL VERTICAL MULTISTAGE (VMS) PUMPS



Kullanım Yerleri

Su temini ve proses suyu transferi
Yüksek basınçlı tıkama ve prosesler
Yangın söndürme sistemleri
Şebeke suyunun olmadığı yerleşim yerleri
Park, bahçe ve çiftlikler
Küçük su ikmal istasyonları
Şebeke suyunun basıncının yetmediği; çok katlı binalar, otel, hastane, okul, iş yerleri, siteler, sanayi

Applications

Water supply and process water transfer
High pressure blocking and processes
Fire fighting systems
Residential units without water mains
Parks, gardens and farms
Small water supply stations
Buildings where water pressure is not enough: hotel, hospital, school, work sites, sites, industrial places

Çalışma Koşulları

Motor Gücü	0,75-2,2 kW dahil Monofaze 2,2-22 kW dahil Trifaze
Sıvı Sıcaklığı	0°C-40°C
Maksimum Voltaj Gerilimi	380 V (+-%5V) 220 V (+-%3V)
Frekans	50 Hz
Devir Sayısı	2900 dev/dk.
Motor Dönüş Yönü	Saat yönünün tersine
Maksimum Kum Miktarı	25 gr/m ³
Maksimum Çalışma Miktarı	25 bar

Operating Conditions

Motor Power	0,75-2,2 kW incl. Monophase 2,2-22 kW incl. Triphase
Liquid Temperature	0°C-40°C
Max Voltage	380 V (+-%5V) 220 V (+-%3V)
Frequency	50 Hz
Rotation	2900 rpm
Motor Rotation Direction	Opposite direction of clockwise
Max. Sand Content	25 gr/m ³
Max. Operating Pressure	25 bar

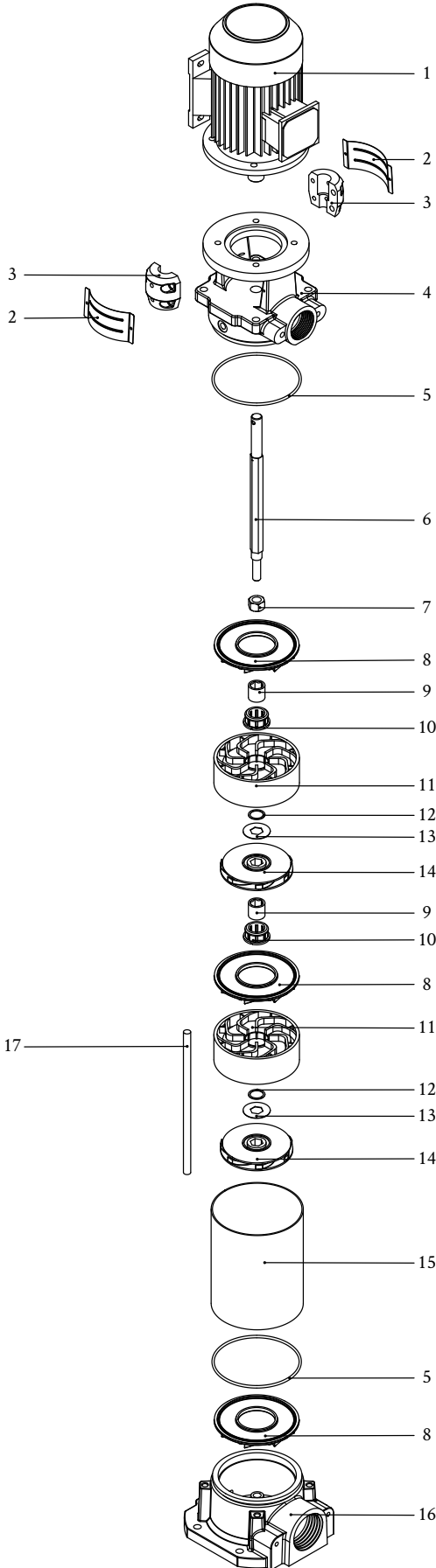
Pompa Çeşitleri**Pump Range**

Tipi	Type	49HSD	55HSE	59HSF	618HSL	624HSM	636HSH
Emiş	Suction	1 1/4"	1 1/4"	1 1/2"	2"	2"	2"
Çıkış	Outlet	1 1/4"	1"	1 1/4"	1 1/2"	1 1/2"	2"
Debi (m ³ /h)	Flow (m ³ /h)	2-7	1-4	4-9	4-16	8-20	10-30
Basma Yüksekliği (m)	Head (m)	18-110	29-105	11-104	8-177	19-138	8-164
Motor Gücü (kW)	Motor Power (kW)	0,75-2,2	0,75-1,5	1,1-3	1,5-7,5	2,2-7,5	2,2-15
Pompa Mili: Paslanmaz Çelik (AISI 304)	Pump Shaft: Stainless Steel (AISI 304)	+	+	+	+	+	+
Kademe ve Fan: Noril	Stage and Impeller: Noryl	+	+	+	+	+	+
Alt ve Üst Adaptörü: Pik Döküm (EN-GJL-250)	Lower and Upper Interconnector: Cast Iron (EN-GJL-250)	+	+	+	+	+	+
Mekanik Keçe Dolayısıyla Bakım Gerektirmez	No requirement of maintenance due to mechanical seal	+	+	+	+	+	+

Pompa Kodlaması**Identification Code**

Pompa Modeli	Pump Type
Motor Gücü (HP)	Motor Power (HP)
Kademe Sayısı	Stage Number
Faz	Phase
M= Monofaze	M= Monophase
T= Trifaze	T= Threephase

49HSD 02/11 M



No	Ürün	Malzeme
1	Motor	-
2	Kaplin Koruma Kapağı	Paslanmaz Çelik (AISI 304)
3	Kaplin	Döküm (EN-GJL-250)
4	Motor Bağlantı Parçası	Döküm (EN-GJL-250)
5	Dış Kılıf Contası	Kauçuk (NBR)
6	Mil	Paslanmaz Çelik (AISI 304)
7	Kilitleme Somunu	Paslanmaz Çelik (AISI 304)
8	Kademe Kapağı	Noril
9	Kademe Burcu	Paslanmaz Çelik (AISI 304)
10	Kademe Lastiği	Kauçuk (NBR)
11	Kademe	Noril
12	Ayar Sacı	Paslanmaz Çelik (AISI 304)
13	Pul	Paslanmaz Çelik (AISI 304)
14	Fan	Noril
15	Dış Kılıf Borusu	Paslanmaz Çelik (AISI 304)
16	Emiş Haznesi	Döküm (EN-GJL-250)
17	Gerdirme Saplaması	Paslanmaz Çelik (CK 45)

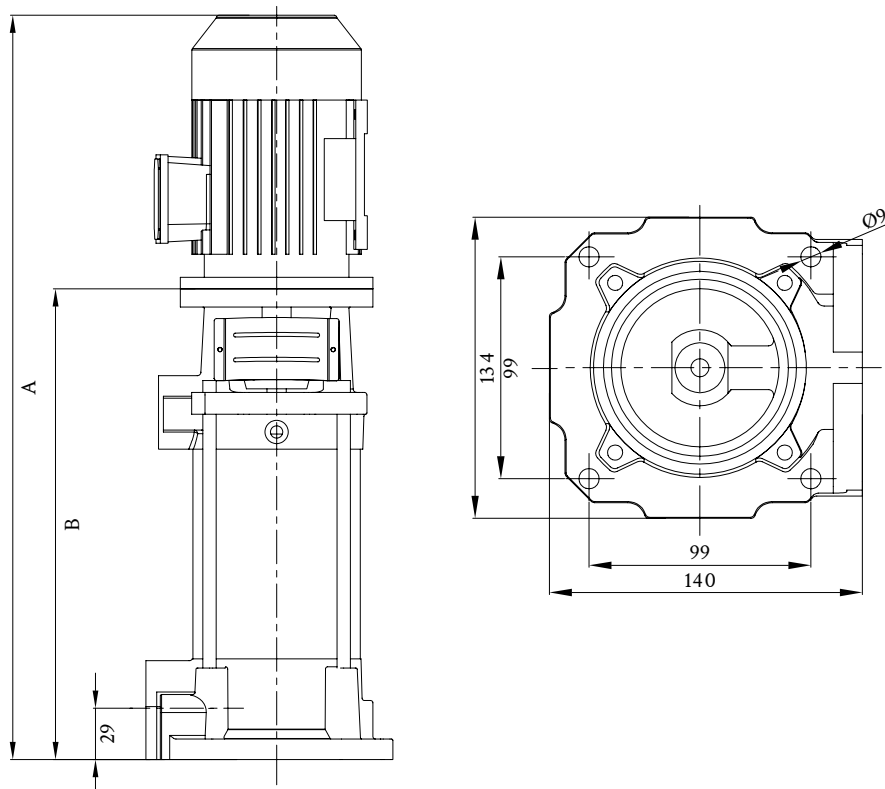
No	Components	Material
1	Motor	-
2	Coupling Guard	Stainless Steel (AISI 304)
3	Coupling	Cast Iron (EN-GJL-250)
4	Pump Head	Cast Iron (EN-GJL-250)
5	O-Ring	Rubber (NBR)
6	Shaft	Stainless Steel (AISI 304)
7	Lock washer	Stainless Steel (AISI 304)
8	Stage Cover	Noryl
9	Bearing Ring	Stainless Steel (AISI 304)
10	Neck Ring	Rubber (NBR)
11	Stage	Noryl
12	Shim	Stainless Steel (AISI 304)
13	Spacer	Stainless Steel (AISI 304)
14	Impeller	Noryl
15	Outer Sleeve	Stainless Steel (AISI 304)
16	Suction Base	Cast Iron (EN-GJL-250)
17	Staybolt	Stainless Steel (CK 45)

49HSD MONOBLOK HİDROFOR / MONOBLOCK VMS PUMP

Hidrofor Tipi VMS Pump	HP	kW	Kademe Stage	Emiş Ağızı Suction Entrance	Çıkış Ağızı Outlet Entrance	Boy / Length (mm)			Ağırlık Weight (kg)	
						A		B	Monofaze Monophase	Trifaze Threephase
						Monofaze Monophase	Trifaze Threephase	Trifaze Threephase		
49HSD 01/06	1	0,75	6	1 1/4"	1 1/4"	705	690	430	18	16
49HSD 1,5/09	1,5	1,1	9	1 1/4"	1 1/4"	820	820	550	21	20,5
49HSD 02/11	2	1,5	11	1 1/4"	1 1/4"	900	900	630	24	23,5
49HSD 03/15	3	2,2	15	1 1/4"	1 1/4"	-	1095	821	-	25,5
49HSD 03/18	3	2,2	18	1 1/4"	1 1/4"	-	1245	965	-	27

49HSD TEKLİ / İKİLİ / ÜÇLÜ HİDROFOR / SINGLE / DOUBLE / TRIPLE VMS PUMP

Hidrofor Tipi VMS Pump	Ölçüler / Dimensions (mm)												Ağırlık / Weight (kg)		
	Yükseklik / Height			Tekli / Single			İkili / Double			Üçlü / Triple			Tekli Single	İkili Double	Üçlü Triple
	H	H1	H2	B	B1	B2	B	B1	B2	B	B1	B2			
49HSD 01/06	785	405	105	300	300	510	600	300	750	600	300	750	25	63	94
49HSD 1,5/09	875	535	105	300	300	510	600	300	750	600	300	750	29	67	102
49HSD 02/11	965	635	105	300	300	510	600	300	750	600	300	750	40	73	113
49HSD 03/15	1155	810	105	300	300	510	600	300	750	600	300	750	42,5	77	118
49HSD 03/18	1300	940	105	300	300	510	600	300	750	600	300	750	45	80	123

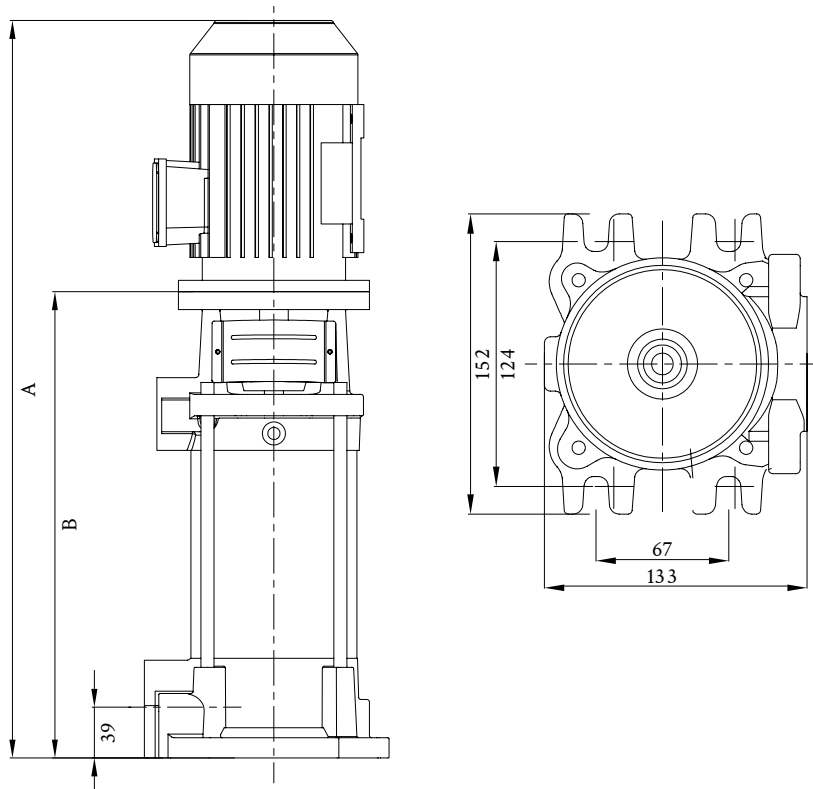


55HSE MONOBLOK HİDROFOR / MONOBLOCK VMS PUMP

Hidrofor Tipi VMS Pump	HP	kW	Kademe Stage	Emiş Ağızı Suction Entrance	Çıkış Ağızı Outlet Entrance	Boy / Length (mm)			Ağırlık Weight (kg)	
						A		B	Monofaze Monophase	Trifaze Threephase
						Monofaze Monophase	Trifaze Threephase	Trifaze Threephase		
55HSE 01/05	1	0,75	5	1 1/4"	1"	600	600	360	20,5	20
55HSE 01/06	1	0,75	6	1 1/4"	1"	620	620	380	21,5	21
55HSE 1,5/07	1,5	1,1	7	1 1/4"	1"	640	640	400	22,5	22
55HSE 1,5/08	1,5	1,1	8	1 1/4"	1"	660	660	420	23,5	23
55HSE 1,5/09	1,5	1,1	9	1 1/4"	1"	680	680	440	24,5	24
55HSE 02/10	2	1,5	10	1 1/4"	1"	700	700	460	26	25
55HSE 02/11	2	1,5	11	1 1/4"	1"	720	720	480	27	26
55HSE 02/12	2	1,5	12	1 1/4"	1"	740	740	500	28	27

55HSE TEKLİ / İKİLİ / ÜÇLÜ HİDROFOR / SINGLE / DOUBLE / TRIPLE VMS PUMP

Hidrofor Tipi VMS Pump	Ölçüler / Dimensions (mm)												Ağırlık / Weight (kg)		
	Yükseklik / Height			Tekli / Single			İkili / Double			Üçlü / Triple			Tekli Single	İkili Double	Üçlü Triple
	H	H1	H2	B	B1	B2	B	B1	B2	B	B1	B2			
55HSE 01/05	670	320	115	300	300	510	600	300	510	900	300	1050	35	65	100
55HSE 01/06	690	340	115	300	300	510	600	300	510	900	300	1050	36	66	103
55HSE 1,5/07	710	360	115	300	300	510	600	300	510	900	300	1050	37	67	106
55HSE 1,5/08	730	380	115	300	300	510	600	300	510	900	300	1050	38	68	109
55HSE 1,5/09	750	400	115	300	300	510	600	300	510	900	300	1050	39	69	112
55HSE 02/10	770	420	115	300	300	510	600	300	510	900	300	1050	40	70	115
55HSE 02/11	790	440	115	300	300	510	600	300	510	900	300	1050	41	71	118
55HSE 02/12	810	460	115	300	300	510	600	300	510	900	300	1050	42	72	121

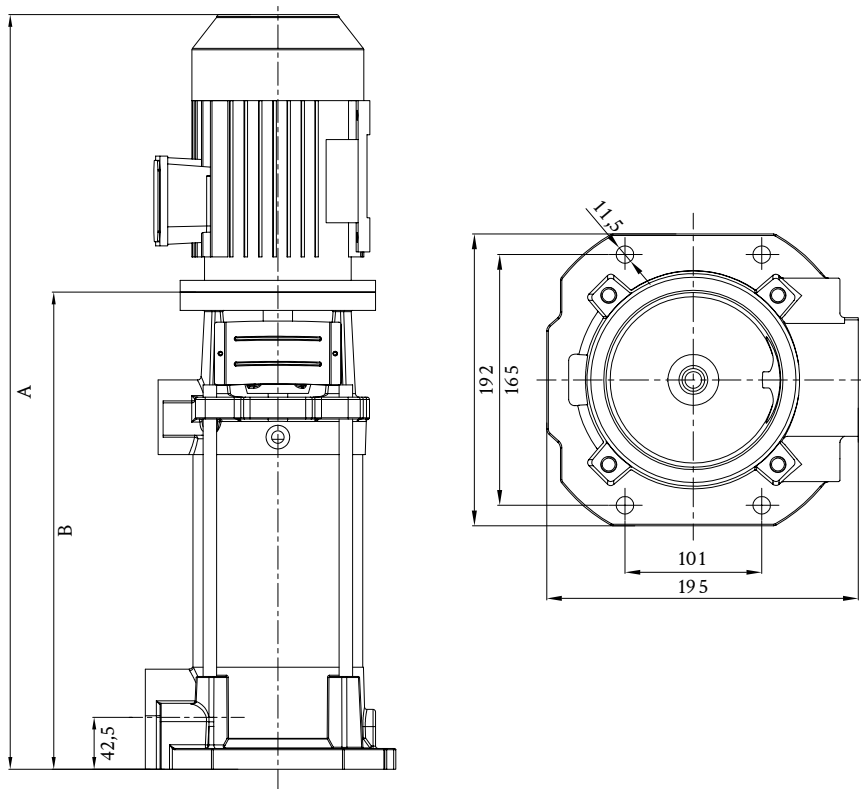


59HSF MONOBLOK HİDROFOR / MONOBLOCK VMS PUMP

Hidrofor Tipi VMS Pump	HP	kW	Kademe Stage	Emiş Ağızı Suction Entrance	Çıkış Ağızı Outlet Entrance	Boy / Length (mm)			Ağırlık Weight (kg)	
						A		B	Monofaze Monophase	Trifaze Threephase
						Monofaze Monophase	Trifaze Threephase	Trifaze Threephase		
59HSF 1,5/04	1,5	1,1	4	1 1/2"	1 1/4"	623	625	365	25,5	25
59HSF 02/05	2	1,5	5	1 1/2"	1 1/4"	648	650	390	28	27
59HSF 03/06	3	2,2	6	1 1/2"	1 1/4"	-	695	415	-	30
59HSF 03/07	3	2,2	7	1 1/2"	1 1/4"	-	720	440	-	31
59HSF 04/08	4	3	8	1 1/2"	1 1/4"	-	755	465	-	35
59HSF 04/09	4	3	9	1 1/2"	1 1/4"	-	780	490	-	36
59HSF 04/10	4	3	10	1 1/2"	1 1/4"	-	805	515	-	37

59HSF TEKLİ / İKİLİ / ÜÇLÜ HİDROFOR / SINGLE / DOUBLE / TRIPLE VMS PUMP

Hidrofor Tipi VMS Pump	Ölçüler / Dimensions (mm)												Ağırlık / Weight (kg)		
	Yükseklik / Height			Tekli / Single			İkili / Double			Üçlü / Triple			Tekli Single	İkili Double	Üçlü Triple
	H	H1	H2	B	B1	B2	B	B1	B2	B	B1	B2			
59HSF 1,5/04	670	350	105	300	360	500	600	360	500	900	360	1100	40	65	90
59HSF 02/05	700	375	105	300	360	500	600	360	500	900	360	1100	42	69	96
59HSF 03/06	760	400	105	300	360	500	600	360	500	900	360	1100	45	75	105
59HSF 03/07	785	425	105	300	360	500	600	360	500	900	360	1100	46	77	108
59HSF 04/08	820	450	105	300	360	500	600	360	500	900	360	1100	50	85	120
59HSF 04/09	845	475	105	300	360	500	600	360	500	900	360	1100	41	87	123
59HSF 04/10	870	500	105	300	360	500	600	360	500	900	360	1100	42	89	126

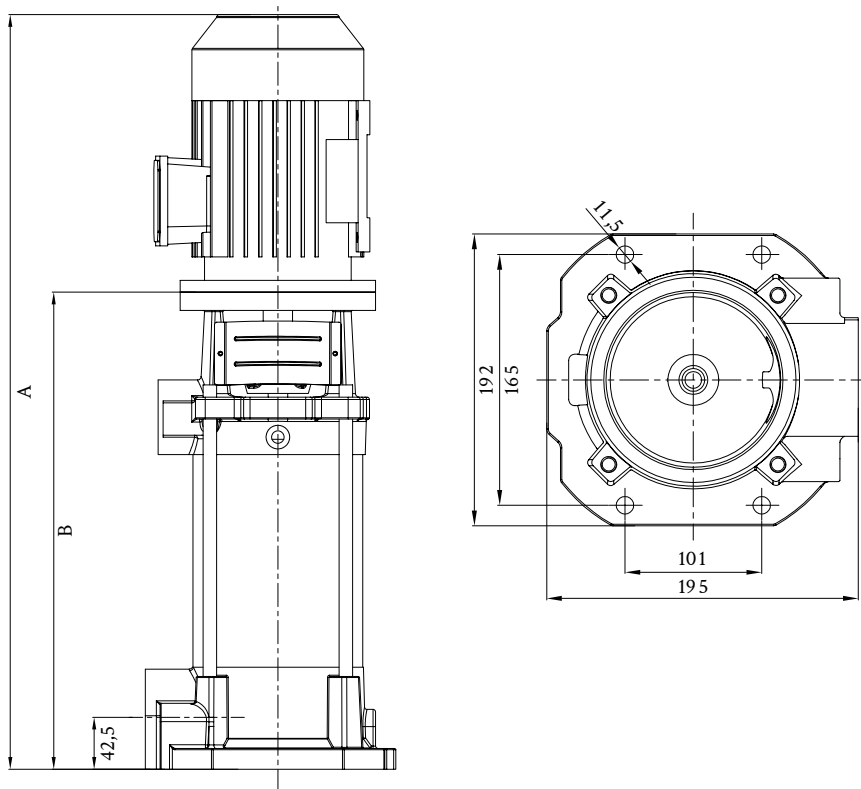


618HSL MONOBLOK HİDROFOR / MONOBLOCK VMS PUMP

Hidrofor Tipi VMS Pump	HP	kW	Kademe Stage	Emiş Ağızı Suction Entrance	Çıkış Ağızı Outlet Entrance	Boy / Length (mm)			Ağırlık Weight (kg)	
						A		B	Monofaze Monophase	Trifaze Threephase
						Monofaze Monophase	Trifaze Threephase	Trifaze Threephase		
618HSL 02/03	2	1,5	3	2 "	1 1/2"	949	650	380	27,5	27
618HSL 02/04	2	1,5	4	2 "	1 1/2"	709	710	440	31	30
618HSL 03/05	3	2,2	5	2 "	1 1/2"	-	750	490	-	32
618HSL 03/06	3	2,2	6	2 "	1 1/2"	-	800	540	-	35
618HSL 04/07	4	3	7	2 "	1 1/2"	-	850	590	-	37
618HSL 05/08	5,5	4	8	2 "	1 1/2"	-	920	640	-	44
618HSL 07/10	7,5	5,5	10	2 "	1 1/2"	-	1098	740	-	48
618HSL 07/11	7,5	5,5	11	2 "	1 1/2"	-	1120	790	-	50
618HSL 10/13	10	7,5	13	2 "	1 1/2"	-	1186	890	-	59
618HSL 10/15	10	7,5	15	2 "	1 1/2"	-	1230	990	-	68

618HSL TEKLİ / İKİLİ / ÜÇLÜ HİDROFOR / SINGLE / DOUBLE / TRIPLE VMS PUMP

Hidrofor Tipi VMS Pump	Ölçüler / Dimensions (mm)												Ağırlık / Weight (kg)		
	Yükseklik / Height			Tekli / Single			İkili / Double			Üçlü / Triple			Tekli Single	İkili Double	Üçlü Triple
	H	H1	H2	B	B1	B2	B	B1	B2	B	B1	B2			
618HSL 02/03	705	350	105	300	360	500	600	360	500	900	360	1100	42	79	121
618HSL 02/04	755	400	105	300	360	500	600	360	500	900	360	1100	44	83	130
618HSL 03/05	815	450	105	300	360	500	600	360	500	900	360	1100	47	89	136
618HSL 03/06	865	500	105	300	360	500	600	360	500	900	360	1100	49	93	142
618HSL 04/07	915	550	105	300	360	500	600	360	500	900	360	1100	52	99	151
618HSL 05/08	995	600	105	300	360	500	600	360	500	900	360	1100	59	113	172
618HSL 07/10	1120	700	105	300	360	500	600	360	500	900	360	1100	63	121	184
618HSL 07/11	1185	750	105	300	360	500	600	360	500	900	360	1100	65	125	190
618HSL 10/13	1315	850	105	300	360	500	600	360	500	900	360	1100	70	133	203
618HSL 10/15	1445	950	105	300	360	500	600	360	500	900	360	1100	75	140	215

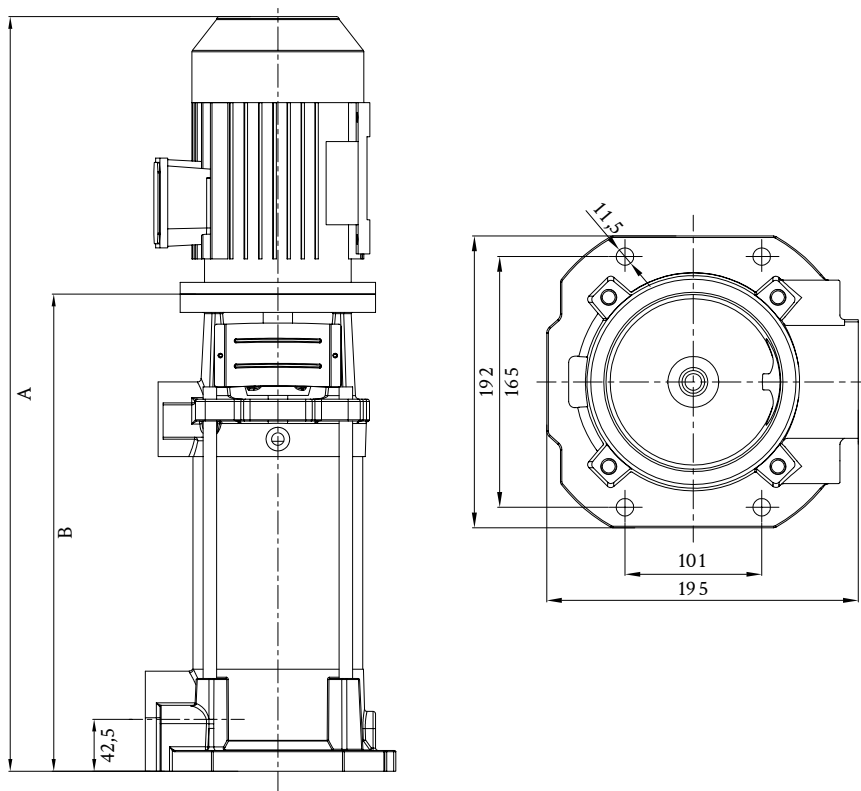


624HSM MONOBLOK HİDROFOR / MONOBLOCK VMS PUMP

Hidrofor Tipi VMS Pump	HP	kW	Kademe Stage	Emiş Ağızı Suction Entrance	Çıkış Ağızı Outlet Entrance	Boy / Length (mm)			Ağırlık Weight (kg)	
						A		B	Monofaze Monophase	Trifaze Threephase
						Monofaze Monophase	Trifaze Threephase	Trifaze Threephase		
624HSM 03/04	3	2,2	4	2 "	1 1/2"	-	649	440	-	37
624HSM 04/05	4	3	5	2 "	1 1/2"	-	650	490	-	38
624HSM 05/06	5,5	4	6	2 "	1 1/2"	-	710	540	-	41,5
624HSM 05/07	5,5	4	7	2 "	1 1/2"	-	867	592	-	44
624HSM 07/09	7,5	5,5	9	2 "	1 1/2"	-	900	695	-	47,5
624HSM 07/10	7,5	5,5	10	2 "	1 1/2"	-	916	747	-	49
624HSM 10/12	10	7,5	12	2 "	1 1/2"	-	950	850	-	54,5
624HSM 10/13	10	7,5	13	2 "	1 1/2"	-	967	902	-	57

624HSM TEKLİ / İKİLİ / ÜÇLÜ HİDROFOR / SINGLE / DOUBLE / TRIPLE VMS PUMP

Hidrofor Tipi VMS Pump	Ölçüler / Dimensions (mm)												Ağırlık / Weight (kg)		
	Yükseklik / Height			Tekli / Single			İkili / Double			Üçlü / Triple			Tekli Single	İkili Double	Üçlü Triple
	H	H1	H2	B	B1	B2	B	B1	B2	B	B1	B2			
624HSM 03/04	755	400	105	300	360	500	600	360	800	900	360	1100	44	83	151
624HSM 04/05	815	450	105	300	360	500	600	360	800	900	360	1100	47	89	155
624HSM 05/06	845	500	105	300	360	500	600	360	800	900	360	1100	49	93	166
624HSM 05/07	910	550	105	300	360	500	600	360	800	900	360	1100	56	101	170
624HSM 07/09	1045	650	105	300	360	500	600	360	800	900	360	1100	63	117	184
624HSM 07/10	1175	700	105	300	360	500	600	360	800	900	360	1100	70	133	217
624HSM 10/12	1245	800	105	300	360	500	600	360	800	900	360	1100	84	165	249
624HSM 10/13	1310	850	105	300	360	500	600	360	800	900	360	1100	91	181	265

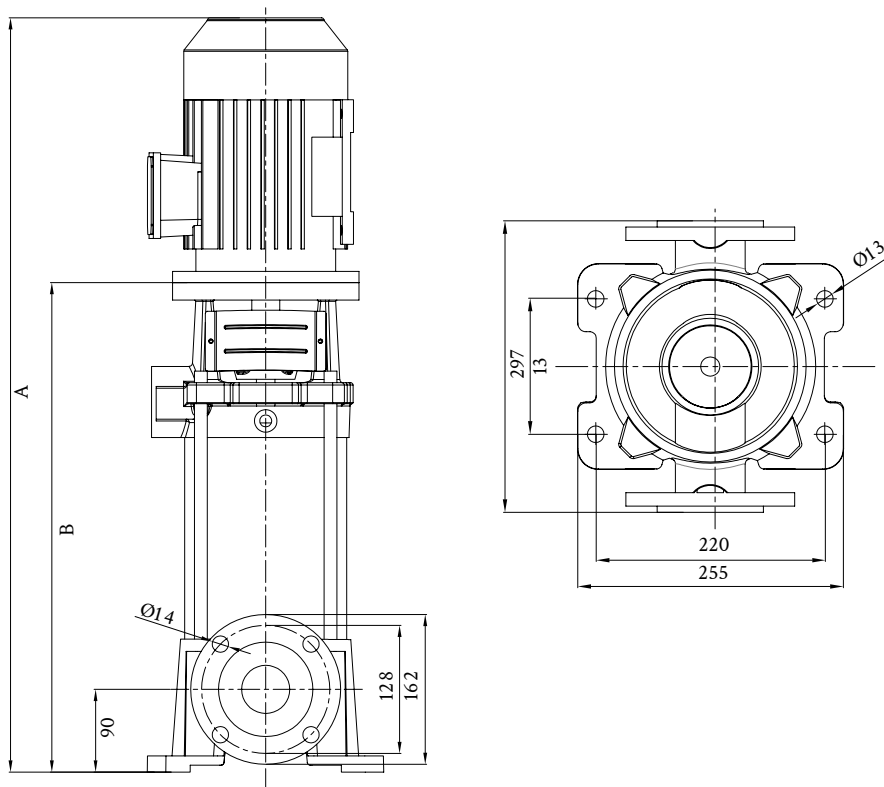


636HSH MONOBLOK HİDROFOR / MONOBLOCK VMS PUMP

Hidrofor Tipi VMS Pump	HP	kW	Kademe Stage	Emiş Ağızı Suction Entrance	Çıkış Ağızı Outlet Entrance	Boy / Length (mm)			Ağırlık Weight (kg)	
						A		B	Monofaze Monophase	Trifaze Threephase
						Monofaze Monophase	Trifaze Threephase	Trifaze Threephase		
636HSH 03/01-IN	3	2,2	1	2"	2"	-	820	610	-	65
636HSH 04/02-IN	4	3	2	2"	2"	-	895	645	-	68
636HSH 05/03-IN	5,5	4	3	2"	2"	-	970	680	-	70
636HSH 07/05-IN	7,5	5,5	5	2"	2"	-	1120	750	-	75
636HSH 10/06-IN	10	7,5	6	2"	2"	-	1230	830	-	80
636HSH 15/07-IN	15	11	7	2"	2"	-	1330	910	-	101
636HSH 15/09-IN	15	11	9	2"	2"	-	1430	1070	-	128
636HSH 20/12-IN	20	15	12	2"	2"	-	1580	1310	-	147

636HSH TEKLİ / İKİLİ / ÜÇLÜ HİDROFOR / SINGLE / DOUBLE / TRIPLE VMS PUMP

Hidrofor Tipi VMS Pump	Ölçüler / Dimensions (mm)												Ağırlık / Weight (kg)		
	Yükseklik / Height			Tekli / Single			İkili / Double			Üçlü / Triple			Tekli Single	İkili Double	Üçlü Triple
	H	H1	H2	B	B1	B2	B	B1	B2	B	B1	B2			
636HSH 03/01-IN	850	530	160	400	370	550	400	370	550	1200	370	1350	80	160	240
636HSH 04/02-IN	925	595	160	400	370	550	400	370	550	1200	370	1350	82	165	246
636HSH 05/03-IN	1000	660	160	400	370	550	400	370	550	1200	370	1350	85	170	255
636HSH 07/05-IN	1150	790	160	400	370	550	400	370	550	1200	370	1350	90	180	270
636HSH 10/06-IN	1230	860	160	400	370	550	400	370	550	1200	370	1350	95	190	285
636HSH 15/07-IN	1305	960	160	400	370	550	400	370	550	1200	370	1350	116	230	348
636HSH 15/09-IN	1520	1160	160	400	370	550	400	370	550	1200	370	1350	143	286	429
636HSH 20/12-IN	-	-	160	400	370	550	400	370	550	1200	370	1350	182	362	546



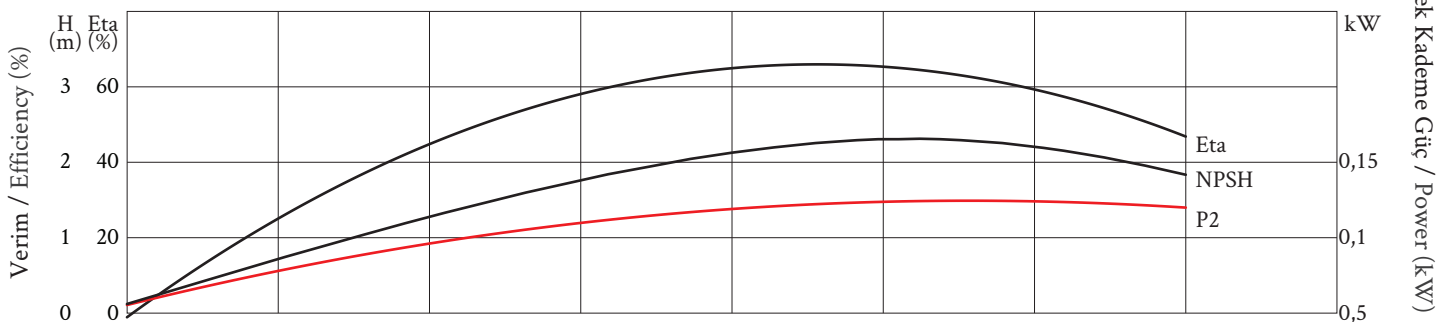
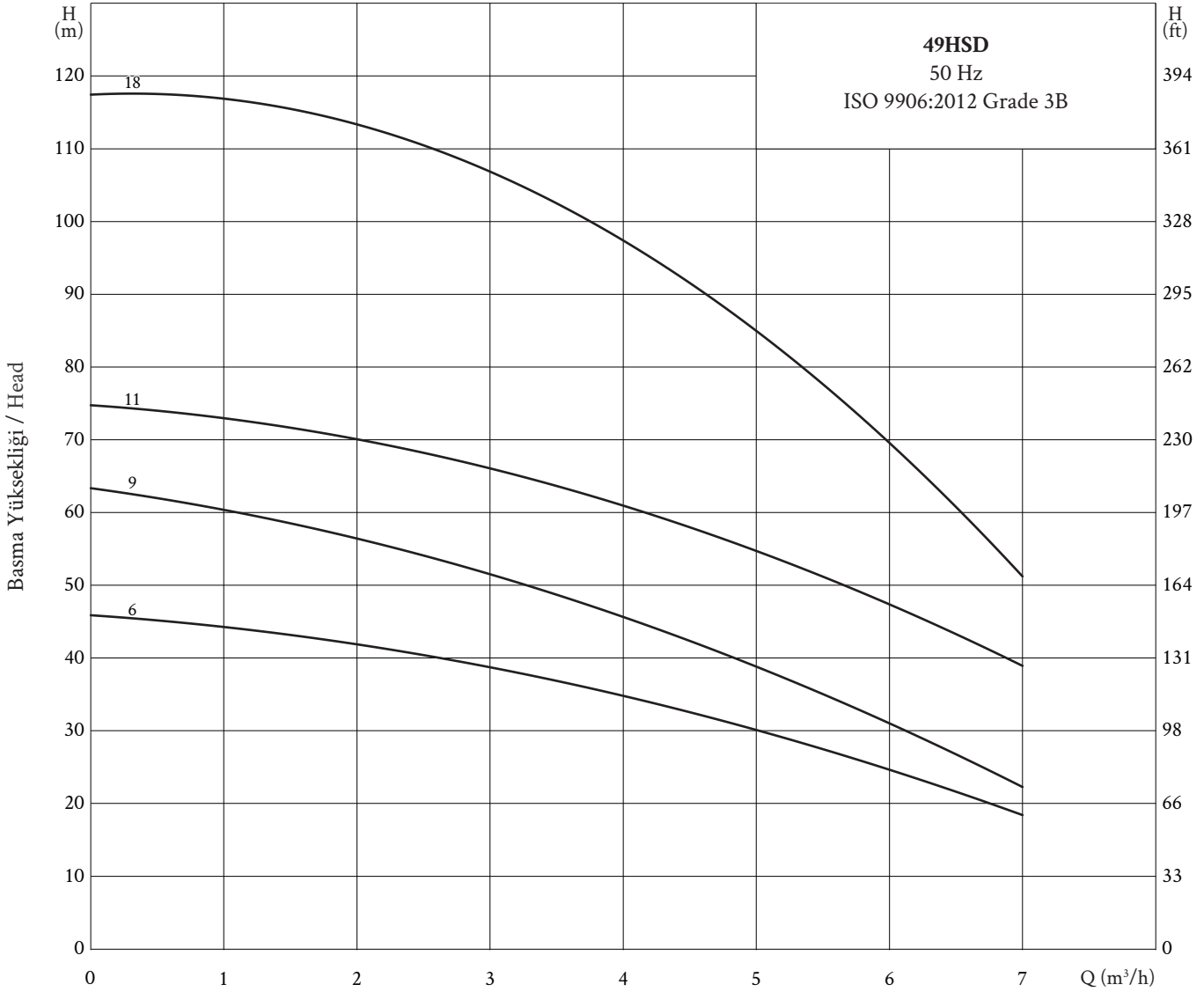
Emiş - Çıkış / Suction - Outlet

Tekli / Single: 1 1/4" - 1 1/4"

İkili / Double: 2" - 2"

Üçlü / Triple: 2" - 2"

Hidrofor Tipi VMS Pump	Kademe Sayısı Stage No.	HP	kW	V	Basma Yüksekliği / Head (m)						
					I 0 (m ³ /h)	2	3	4	5	6	7
					II 0 (m ³ /h)	4	6	8	10	12	14
					III 0 (m ³ /h)	6	9	12	15	18	21
49HSD 01/06-M	6	1	0,75	220	46	40	38	36	30	24	18
49HSD 1,5/09-M	9	1,5	1,1	220	63	55	52	44	40	30	22
49HSD 02/11-M	11	2	1,5	220	74	70	65	60	54	48	38
49HSD 01/06-T	6	1	0,75	380	46	40	38	36	30	24	18
49HSD 1,5/09-T	9	1,5	1,1	380	63	55	52	44	40	30	22
49HSD 02/11-T	11	2	1,5	380	74	70	65	60	54	48	38
49HSD 03/18-T	18	3	2,2	380	117	110	108	96	84	70	50



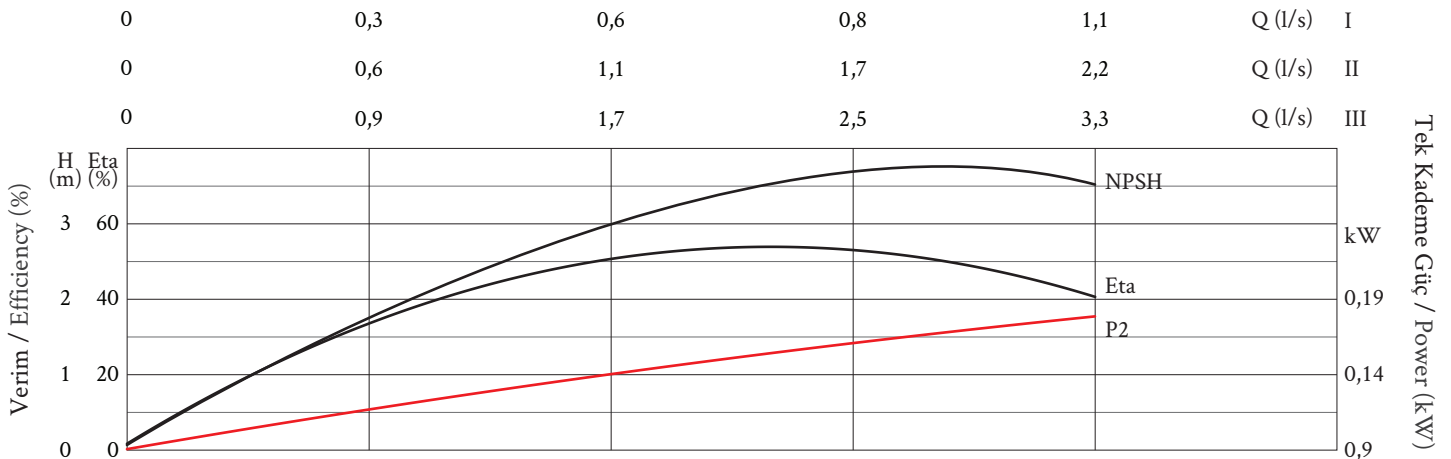
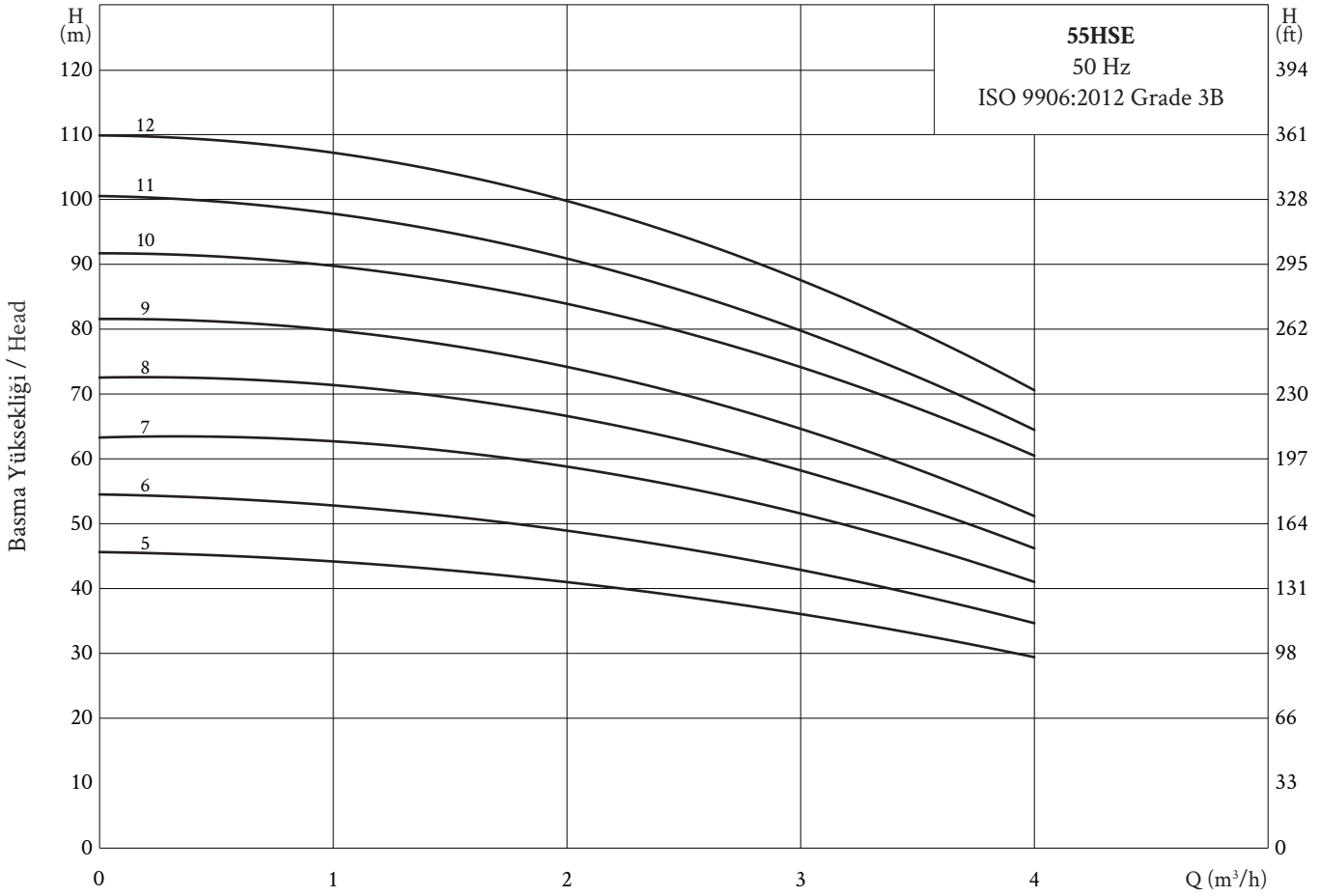
Emiş - Çıkış / Suction - Outlet

Tekli / Single: 1 1/4" - 1

İkili / Double: 2" - 1 1/2"

Üçlü / Triple: 2" - 1 1/2"

Hidrofor Tipi VMS Pump	Kademe Sayısı Stage No.	HP	kW	V	Basma Yüksekliği / Head (m)				
					I	1	2	3	4
					II	2	4	6	8
					III	3	6	9	12
55HSE01/05-M	5	1	0,75	220	45	44	40	36	29
55HSE01/06-M	6	1	0,75	220	54	52	48	43	34
55HSE1,5/07-M	7	1,5	1,1	220	63	61	58	52	40
55HSE1,5/08-M	8	1,5	1,1	220	72	70	65	59	45
55HSE1,5/09-M	9	1,5	1,1	220	81	78	73	65	50
55HSE01/05-T	5	1	0,75	380	45	44	40	36	29
55HSE01/06-T	6	1	0,75	380	54	52	48	43	34
55HSE1,5/07-T	7	1,5	1,1	380	63	61	58	52	40
55HSE1,5/08-T	8	1,5	1,1	380	72	70	65	59	45
55HSE1,5/09-T	9	1,5	1,1	380	81	78	73	65	50
55HSE02/10-T	10	2	1,5	380	91	88	82	75	59
55HSE02/11-T	11	2	1,5	380	100	95	90	80	63
55HSE02/12-T	12	2	1,5	380	109	105	98	88	69



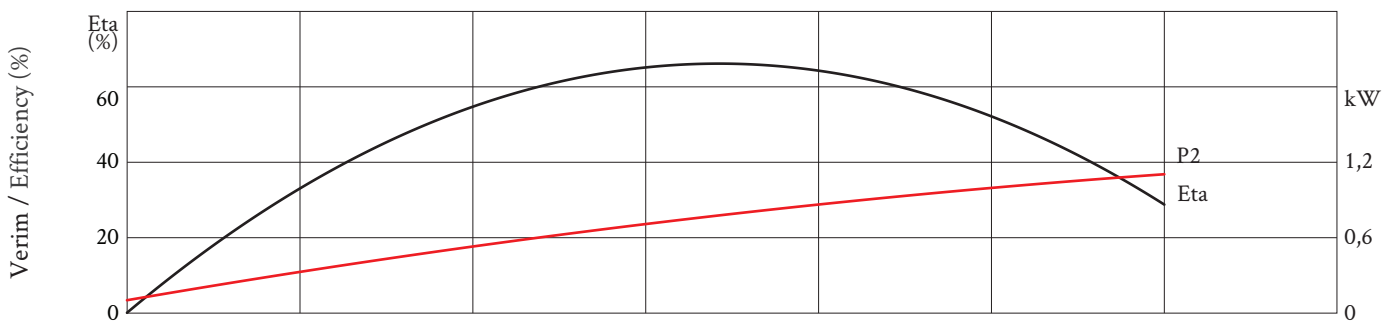
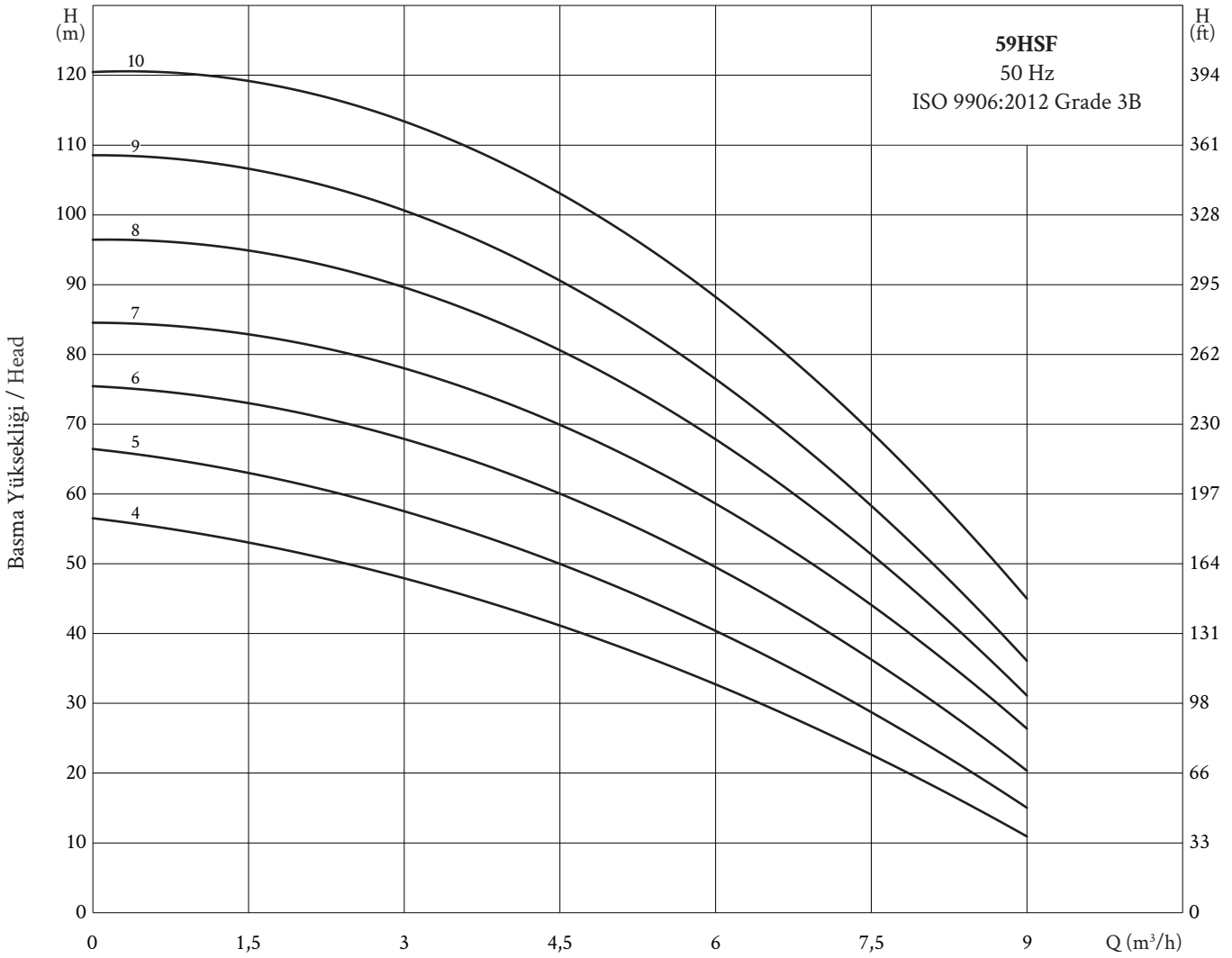
Emiş - Çıkış / Suction - Outlet

Tekli / Single: 1 1/2" - 1 1/4"

İkili / Double: 2" - 2"

Üçlü / Triple: 2" - 2"

Hidrofor Tipi VMS Pump	Kademe Sayısı Stage No.	HP	kW	V	Basma Yüksekliği / Head (m)							
					I	0 (m ³ /h)	4	5	6	7	8	9
					II	0 (m ³ /h)	8	10	12	14	16	18
					III	0 (m ³ /h)	12	15	18	21	24	27
59HSF 1,5/04-M	4	1,5	1,1	220	56	44	38	32	26	19	11	
59HSF 02/05-M	5	2	1,5	220	66	52	47	40	33	24	15	
59HSF 1,5/04-T	4	1,5	1,1	380	56	44	38	32	26	19	11	
59HSF 02/05-T	5	2	1,5	380	66	52	47	40	33	24	15	
59HSF 03/06-T	6	3	2,2	380	75	62	56	50	41	31	20	
59HSF 03/07-T	7	3	2,2	380	84	72	66	58	50	38	26	
59HSF 04/08-T	8	4	3	380	96	82	76	68	58	45	30	
59HSF 04/09-T	9	4	3	380	108	92	86	76	66	51	35	
59HSF 04/10-T	10	4	3	380	120	104	98	88	77	62	43	



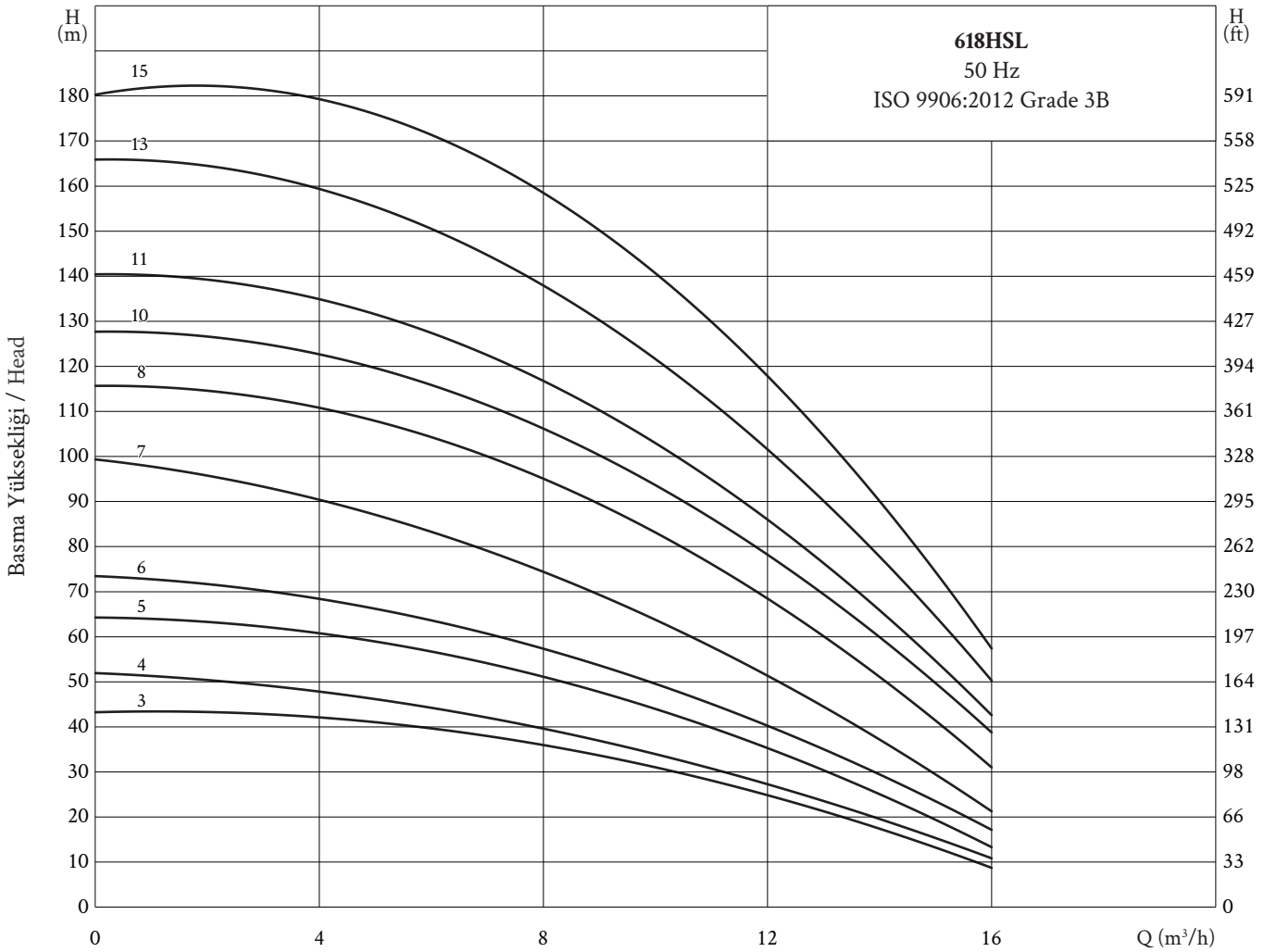
Emiş - Çıkış / Suction - Outlet

Tekli / Single: 2" - 1 1/2"

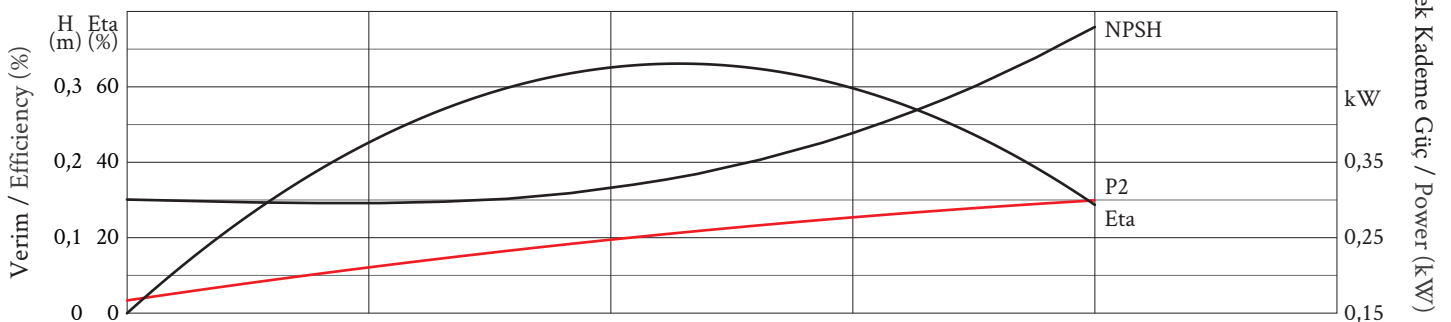
İkili / Double: 2 1/2" - 2"

Üçlü / Triple: 2 1/2" - 2"

Hidrofor Tipi VMS Pump	Kademe Sayısı Stage No.	HP	kW	V	Basma Yüksekliği / Head (m)				
					I	0 (m ³ /h)	4	8	12
					II	0 (m ³ /h)	8	16	24
					III	0 (m ³ /h)	12	24	36
618HSL 02/03	3	2	1,5	380	43	41	36	25	8
618HSL 02/04	4	2	1,5	380	53	45	41	27	10
618HSL 03/05	5	3	2,2	380	65	59	52	36	12
618HSL 03/06	6	3	2,2	380	75	64	59	42	15
618HSL 04/07	7	4	3	380	100	89	75	52	21
618HSL 05/08	8	5,5	4	380	115	111	95	68	31
618HSL 07/10	10	7,5	5,5	380	128	122	105	81	37
618HSL 07/11	11	7,5	5,5	380	141	134	115	89	41
618HSL 10/13	13	10	7,5	380	167	158	136	105	49
618HSL 10/15	15	10	7,5	380	181	177	160	118	57



0	4	8	12	16	Q (m ³ /h)
0	1,1	2,2	3,3	4,4	Q (l/s) I
0	2,2	4,4	6,7	8,9	Q (l/s) II
0	3,3	6,7	10,0	13,3	Q (l/s) III



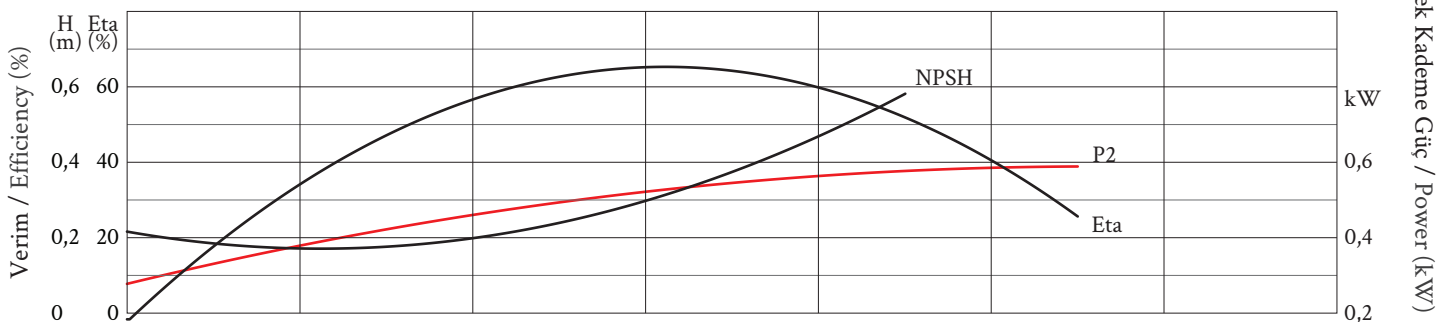
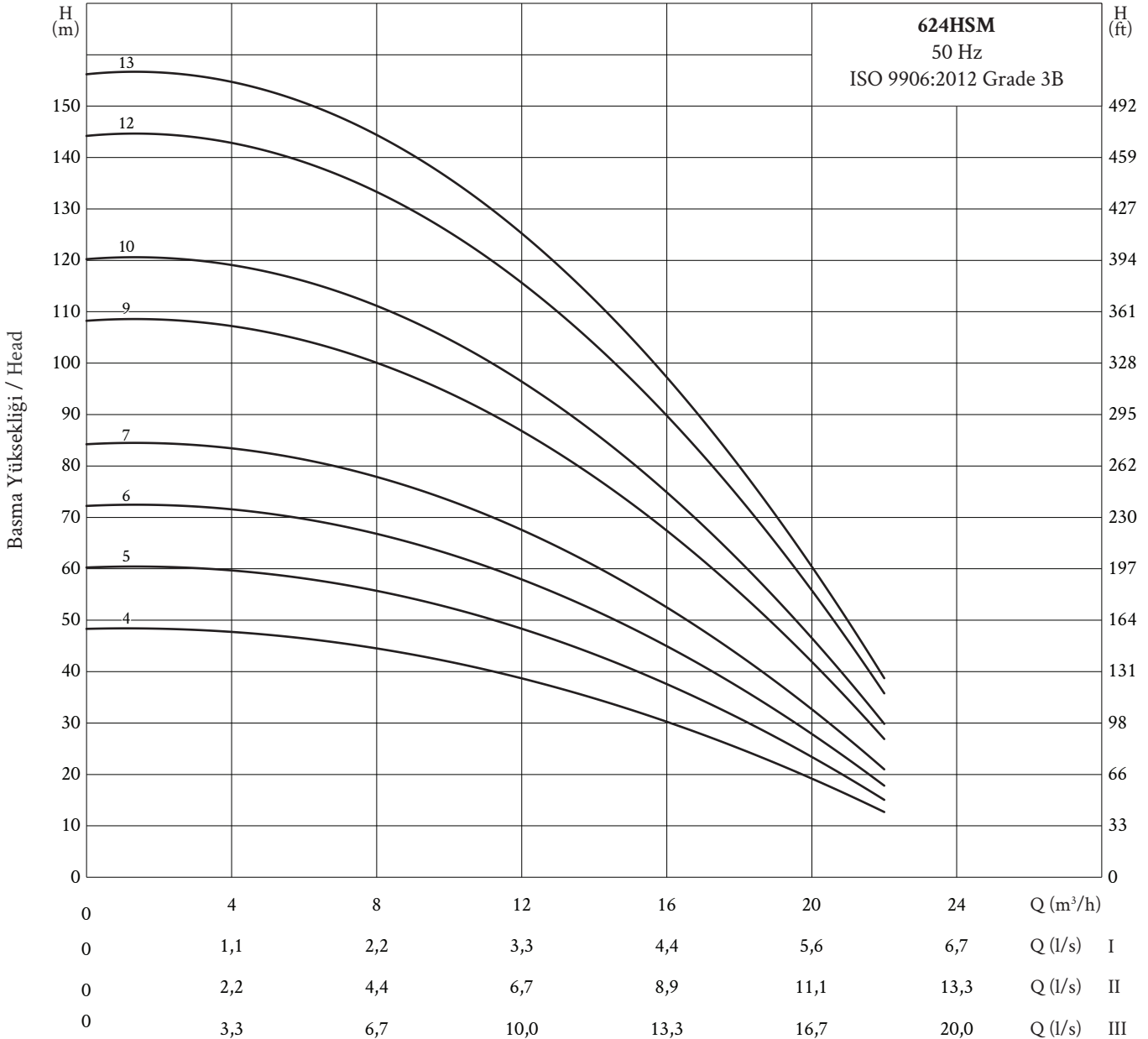
Emiş - Çıkış / Suction - Outlet

Tekli / Single: 2" - 1 1/2"

İkili / Double: 2 1/2" - 2"

Üçlü / Triple: 2 1/2" - 2"

Hidrofor Tipi VMS Pump	Kademe Sayısı Stage No.	HP	kW	V	Basma Yüksekliği / Head (m)							
					I	0 (m³/h)	8	12	16	18	20	22
					II	0 (m³/h)	16	24	32	36	40	44
					III	0 (m³/h)	24	36	48	54	60	66
624HSM 03/04	4	3	2,2	380	49	42	38	31	26	19	11	
624HSM 04/05	5	4	3	380	61	53	48	39	33	23	13	
624HSM 05/06	6	5,5	4	380	73	64	58	47	40	27	16	
624HSM 05/07	7	5,5	4	380	85	74	67	55	46	32	18	
624HSM 07/09	9	7,5	5,5	380	110	95	86	70	59	41	23	
624HSM 07/10	10	7,5	5,5	380	122	106	96	78	66	46	26	
624HSM 10/12	12	10	7,5	380	146	127	115	94	79	55	31	
624HSM 10/13	13	10	7,5	380	159	138	125	101	86	60	34	



Emiş - Çıkış / Suction - Outlet

Tekli / Single: 2 1/2" - 2 1/2"

İkili / Double: 3" - 3"

Üçlü / Triple: 3" - 3"

Hidrofor Tipi VMS Pump	Kademe Sayısı Stage No.	HP	kW	V	Basma Yüksekliği / Head (m)						
					I 0 (m ³ /h)	10	15	20	25	30	35
					II 0 (m ³ /h)	20	30	40	50	60	70
					III 0 (m ³ /h)	30	45	60	75	90	105
636HSH 03/01-IN	1	2,2	3	380	15	14	13	11	10	8	5
636HSH 04/02-IN	2	3	4	380	30	27	25	22	20	16	9
636HSH 05/03-IN	3	4	5,5	380	45	41	38	35	31	24	14
636HSH 07/05-IN	5	5,5	7,5	380	75	68	63	55	50	40	23
636HSH 10/06-IN	6	7,5	10	380	90	82	76	66	60	48	28
636HSH 15/07-IN	7	11	15	380	105	96	89	77	70	56	33
636HSH 15/09-IN	9	11	15	380	135	123	114	99	90	72	42
636HSH 20/12-IN	12	15	20	380	180	164	152	132	120	96	56

