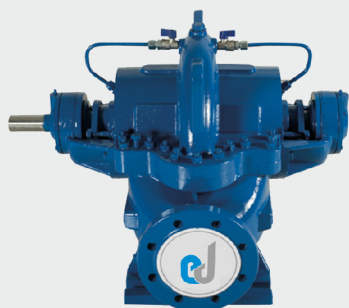


erduro.com



ESCE



**SINGLE STAGE
SPLIT CASE PUMPS**

**Fluid
Solutions**

MATERIAL OPTIONS MALZEME SEÇENEKLERİ

Parça Listesi Part List	0.6025	0.7040	1.0619	1.4308	1.4308	1.4409	1.4500	1.4517	1.4317	2.1050.01	2.0975.01	2.0975.01	1.4021	1.4301	1.4306	1.4401	1.4404	1.4462	
Salyangöz gövde Volute	●	○	○	○	○	○	○	○	○	○									
Çark Impeller	●	○		○		○													
Mil		○	○	○	○	○	○	○	○	○	○								
Rulman Yatağı	●	○										●	○	○	○	○	○	○	○
Aşınma Bileziği	●	○	○	○	○	○	○	○	○	○	○								
Mil Aşınma Burcu												●	○	○	○	○	○	○	○
Mekanik Salmastra	Mech. Seal														EN 12756 / DIN 24960				

● Standart İmalat Standart
○ İsteğe Bağlı Optional

Tanım (Descriptions)	DIN 17007	EN-DIN	ASTM
Pik döküm (Cast Iron)	0.6025	GJL-250 (GG 25)	A 48 Class 40-B
Sfero döküm (Ductile Cast Iron)	0.7040	GJS-400-15 (GGG 40)	A 536 Gr. 60-40-18
Çelik döküm (Steel)	1.0619	GP240GH (GS-C 25)	A 216 Gr. WCB
Krom nikelli çelik döküm	1.4308	G-X5 Cr Ni 19-10	A 351/743/744 Gr. CF8
Krom nikelli çelik döküm (düşük karbon)	1.4309	G-X2 Cr Ni 19-11	A 351/743/744 Gr. CF3
Krom nikel molibdenli çelik döküm	1.4408	G-X5 Cr Ni Mo 19-11-2	A 351/743/744 Gr. CF8M
Krom nikel molibdenli çelik döküm (düşük karbon)	1.4409	G-X2 Cr Ni Mo 19-11-2	A 351/743/744 CF3M
Östenitik çelik döküm	1.4500	G-X2 Cr Ni Mo Cu Nb 25-20	A 351/743/744 (CN7M)
Östenitik - ferritik çelik döküm (dupleks)	1.4517	G-X2 Cr Ni Mo Cu N 25-6-3-3	A 890 Gr. 1B (CD4MCuN)
Östenitik - ferritik çelik döküm (super dupleks)	1.4469	G-X4 Cr Ni 13-4	A 890 Gr. 1B (CE3MN)
Martenzitik paslanmaz çelik döküm	1.4317	G-X2 Cr Ni 13-4	A 351/743/744 (CA6NM)
Bronz döküm (kalaylı) (Bronze)	2.1050.01	G-Cu Sn 10	B 584 C 90700
Bronz döküm (nikel alaşımli)	2.0975.01	G-Cu Al 10 Ni	B 148 C 95800
Kromlu çelik	1.4021	X20 Cr 13	A 276 Type 420
Krom nikel çelik	1.4301	X5 Cr Ni 18-10	A 276 Type 304
Krom nikel çelik (düşük karbon)	1.4306	X2 Cr Ni 19-11	A 276 Type 304L
Krom nikel molibdenli çelik	1.4401	X5 Cr Ni Mo 17-12-2	A 276 Type 316
Krom nikel molibdenli çelik (düşük karbon)	1.4404	X2 Cr Ni Mo 17-12-2	A 276 Type 316L
Dupleks (östenitik - ferritik) çelik	1.4462	X2 Cr Ni Mo N 22-5-3	A 276 S 31803

Standart Malzemeler	Liquid Type / Akışkan Tipi				
Part Name	Temiz Su	Kum ihtiva eden su / Atıksu / Tuzlu Su / Oksidli Su	Deniz Suyu	Sıcak Su	Parça Adı (Set)
	Clean Water	Water with Mud and Sand / Sewage / Saline Water / Oxide Scale Water	Sea Water	Hot Water	
Casing	CI	Nickel Chromium CI / Cast Stell + Wear-Resist Coating	Duplex SS	Ductile CI / Cast Stell / SS	Döküm
Impeller	CI / Bronze / SS	Ductile CI / SS420 / SS	Duplex SS	SS420 / SS	Çark
Bearing Housing	CI	CI	CI	CI	Rulman Yatağı
Shaft	SS420	SS420	Duplex SS	SS420 / SS	Mil
Wear Ring	CI	Ductile CI / SS420	Bronze / Duplex SS	2	Aşınma Halkası
Shaft Sleeve	SS420	SS420	Duplex SS	2	Mil Burcu
Shaft Seal	Packing / Mech. Seal	Packing / Mech. Seal	Mech. Seal	Mech. Seal	Salmastra Tipi
Flushing Pipeline	Q235-A	Q235-A	316L	Q235- A/Stainless Stell	Sulama Borusu

TECHNICAL INFORMATION TEKNİK BİLGİLER

Pompa Tipi	Mil Çapı	Rulman Tipi	Mekanik Salm. Tipi	Yağ Keçesi
Pump Type	Shaft Dia.	Bearing Type	Mech. Seal Type	Oil Seal Dia.
65-250	Ø40	2x6308	Ø50-MG1/G6	50x70x10/38x55x7
80-250				
80-315				
100-250	Ø50	2x6310	Ø60-MG1/G6	66x90x13/45x80x10
100-315				
100-400				
125-315	Ø60	2x6312	Ø70-MG1/G6	78x100x10/55x75x10
125-350				
125-480				
150-250				
150-315				
150-460				
150-600	Ø70	2x6314	Ø80-MG1/G6	78x100x10/55x75x10
200-315				85x110x10/65x85x10
200-430				
200-500				
250-350				
250-450				
300-315				
300-400	Ø85	2x6317	Ø100-MG1/G6	Ask Factory
350-350				
350-400				
250-600	Ø90	2x6319	Ø100	
300-500				
350-500				
300-700	Ø110	2x6322	Ø120	
350-700				

PRESSURE LIMITS

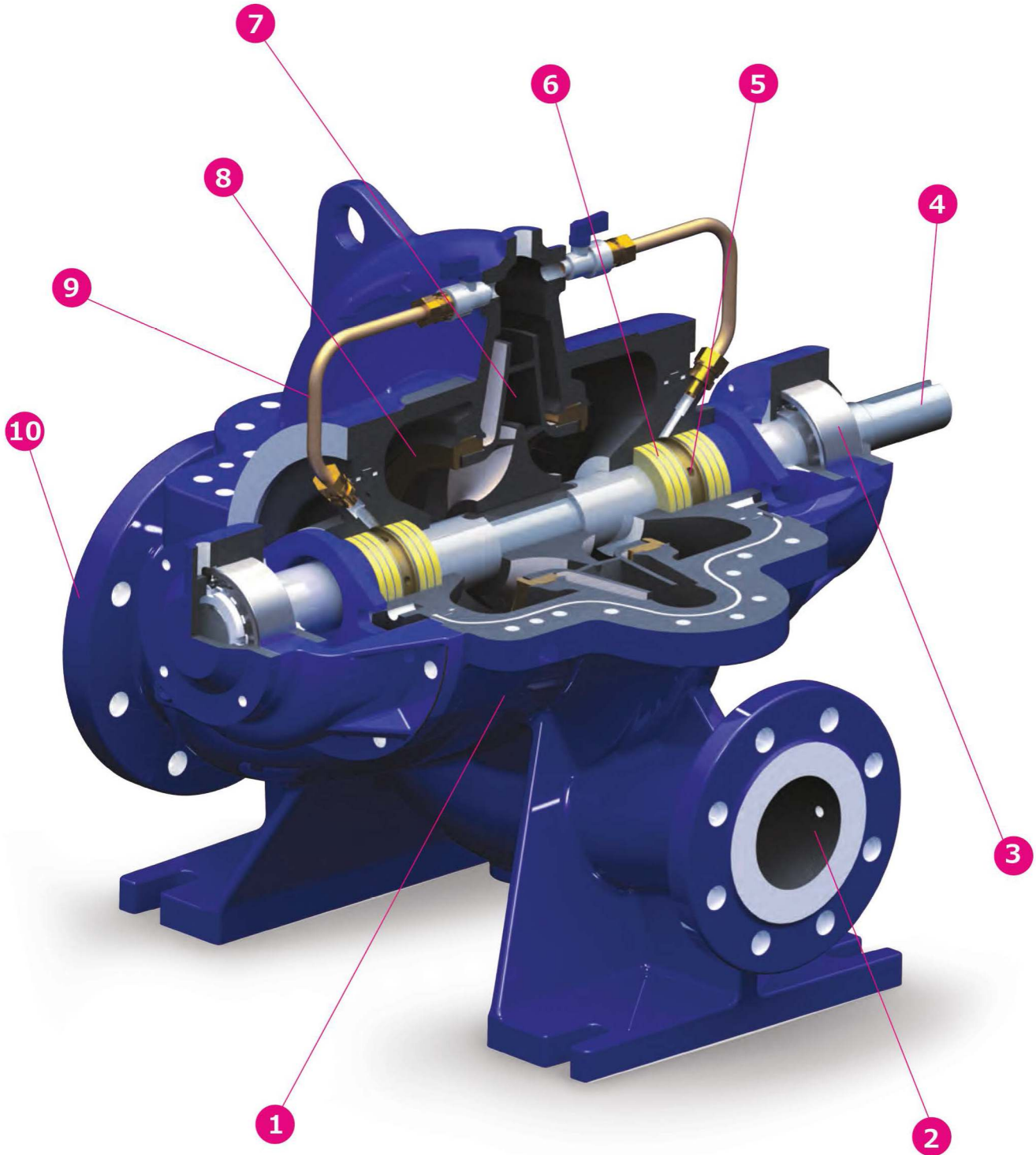
Test Pressure : P duty point x 1.5 + Suction Pressure

Pompa Tipi	Maksimum Basınç (Bar)
Pump Type	Permissible Operating Pressure (Bar)
65-250	1.6
80-250	
80-315	
100-250	
100-315	
100-400	
125-315	
125-350	
125-480	
150-315	
150-460	2.5
150-600	
200-315	1.6
200-430	
200-500	

Pompa Tipi	Maksimum Basınç (Bar)
Pump Type	Permissible Operating Pressure (Bar)
250-350	1.6
250-450	1.6
250-600	2.5
300-315	1.6
300-400	
300-500	
300-700	2.5
350-350	1.6
350-500	
350-400	
350-700	4.0

* Yukarıdaki maksimum basınçlar sadece standart dökme demir malzemeden üretilenler içindir. Farklı malzemeden üretim yapılırsa değerler değişkenlik gösterebilir.

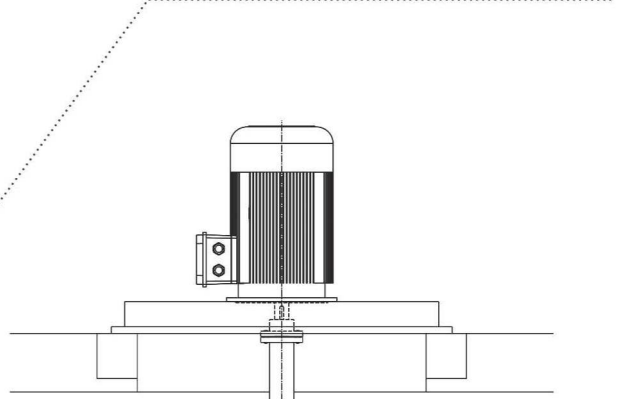
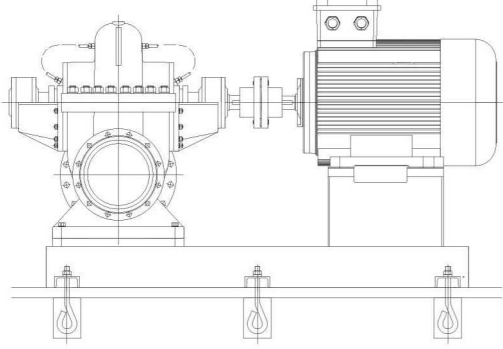
*Values are valid for casing material cast iron , values can be change according to different material options.

SECTIONAL VIEW KESİT GÖRÜNÜM


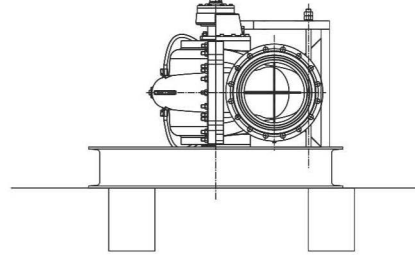
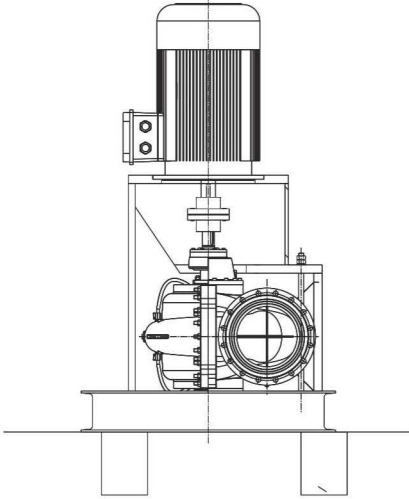
1 - Body	Gövde	6 - Gland Packing	Çark
2 - Discharge	Basma	7 - Impeller	Yumuşak Salmastra
3 - Bearing	Rulman	8 - Corrosion Ring	Aşınma Halkası
4 - Shaft	Mil	9 - Suction	Emme
5 - Lantern Ring	Sulama Halkası	10 - Seal Irrigation Pipe	Salmastra Sulama Borusu

ASSEMBLY OPTIONS MONTAJ SEÇENEKLERİ

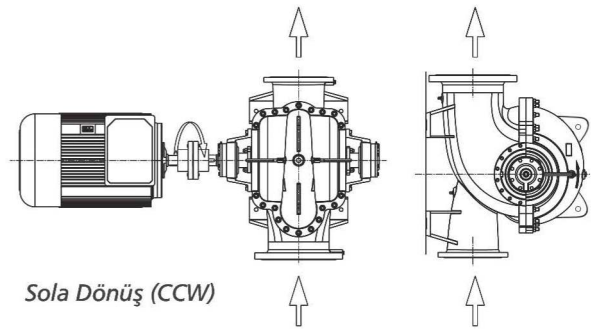
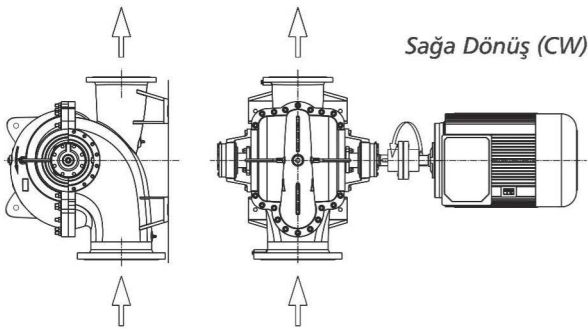
Yatay Montaj / Horizontal Installation



Dikey Montaj / Vertical Installation



Dönüş Yönü ve Akış Yönü / Rotation and Flow Direction

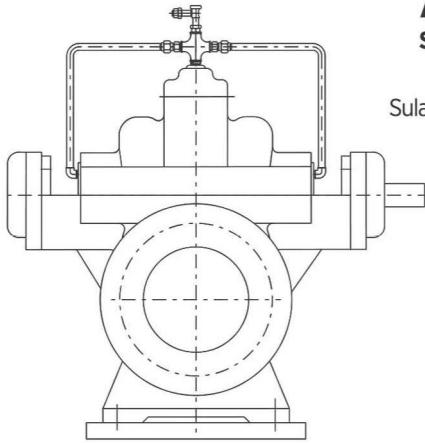


- * Dönüş yönü, motor tarafından bakıldığı şekildedir.
- * Look from motor side

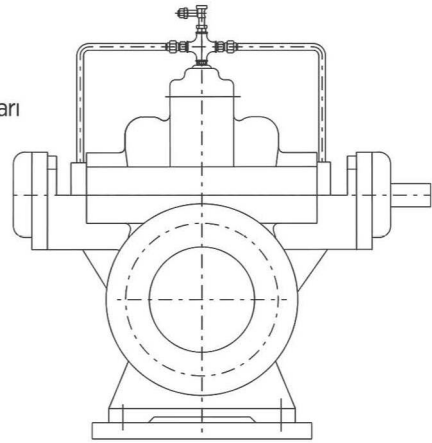
TECHNICAL INFORMATION TEKNİK ÖZELLİKLER

Vibrations Titreşimli

1. The normal operating range of pump is 0.4 - 1.25 times of rated capacity
1. Pompa çalışma değeri nominal debinin 0.4 - 1.25 katı aralığındadır.
2. The vibration operating values of pump are according to ISO 2372-1974
2. Titreşim değerleri ISO 2372-1974 standartlarına uygundur.



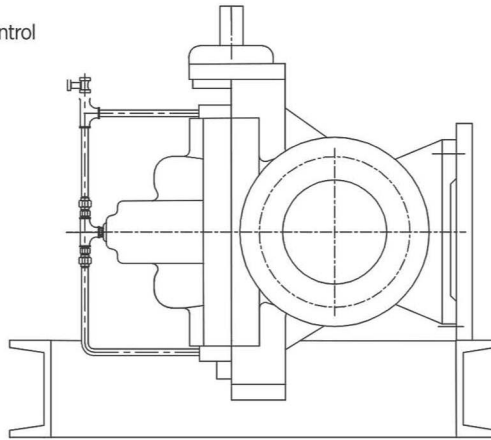
Arrangement
Sealing Water Pipes
Salmastra
Sulama Borusu Uygulamaları



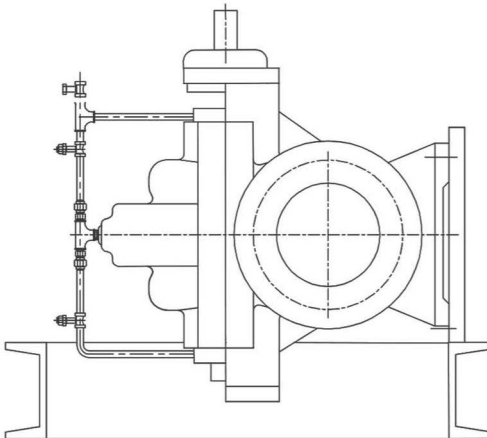
1 - Flushing water piping stuffing box
Note : If $H > 80m$, flushing water piping will have control valve (See fig. 04)

1 - Yumuşak salmastra sulama borusu
Not: Eğer basınç 80 mss den büyük ise kontrol vanası kullanılmalıdır. (Fig. 04)

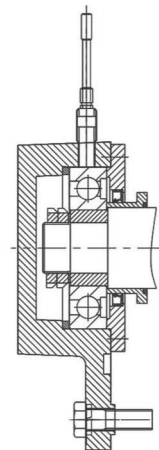
2 - Flushing water piping mechanical seal
2 - Mekanik salmastralı uygulama



3 - Mechanical seal and flushing water piping for lineshaft bearing
3 - Düşey ve mekanik salmastralı uygulamalar



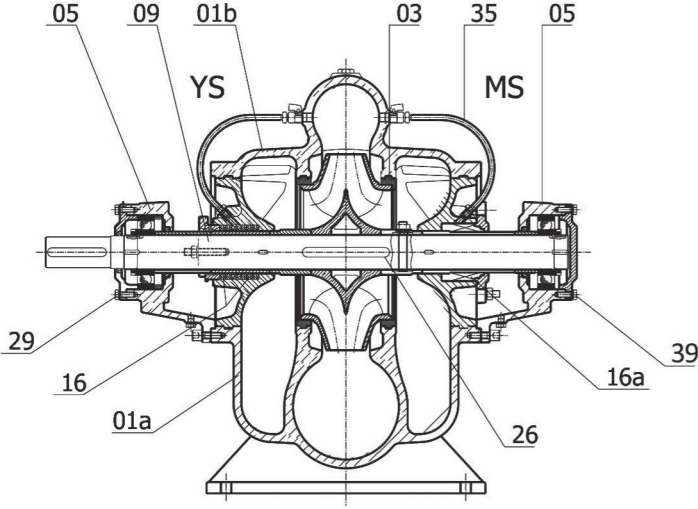
4 - Flushing water piping and vent valve (vertical installation)
4 - Sulama borusu ve tahliye vanası



5 - Bearing temperature sensor (PT100)
5 - Rulman ısı sensörü (PT100)

KESİT GÖRÜNÜM SECTIONAL VIEW

Yatay Montaj / Horizontal Installation



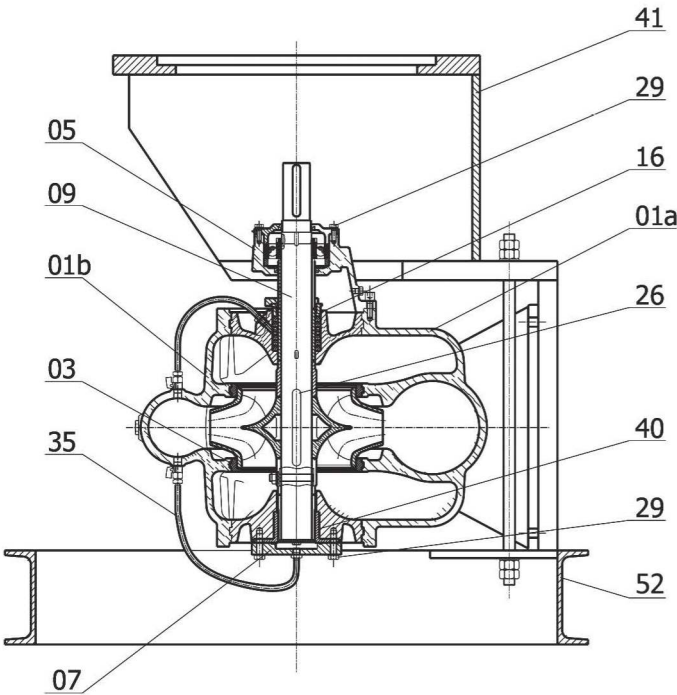
Parça No	Parça Adı
01a	Alt Gövde
01b	Üst Gövde
09	Rotor grubu komple
05	Rulman yatağı - Kaplin tarafı
05	Rulman yatağı - Kapalı taraf
03	Yıpranma burcu
16	Salmastra grubu komple
16a	Mekanik Salmastra grubu komple
35	Sulama hortumu
26	Çark kaması
39	Cıvata

*YS : Yumuşak Salmastra
*MS : Mekanik Salmastra

Part No	Part Name
01a	Upper casing
01b	Top casing
09	Rotor assembly
05	Bearing box
05	Bearing box
03	Wearing
16	Seal box
16a	Mechanical seal group
35	Flushing water pipe
26	Dowel pin
39	Bolt

*YS : Gland packing
*MS : Mechanical seal

Dikey Montaj / Vertical Installation



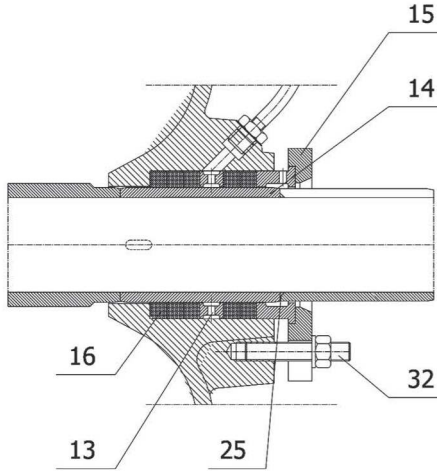
Parça No	Parça Adı
01a	Alt Gövde
01b	Üst Gövde
09	Rotor grubu komple
05	Rulman yatağı komple -Kaplin tarafı
13	Yıpranma burcu
16	Salmastra grubu komple
35	Sulama hortumu
07	Alt Kapak
41	Motor bağlantı ayağı
40	Rulman burcu
26	Çark kaması
29	Cıvata
52	Pompa ayağı

Part No	Part Name
01a	Upper casing
01b	Top casing
09	Rotor assembly
05	Bearing box
13	Wearing
16	Seal box
35	Flushing water pipe
07	Cap
41	Motor riser
40	Bearing bush
26	Dowel pin
29	Bolt
52	Pump foot

TECHNICAL INFORMATION

TEKNİK ÖZELLİKLER

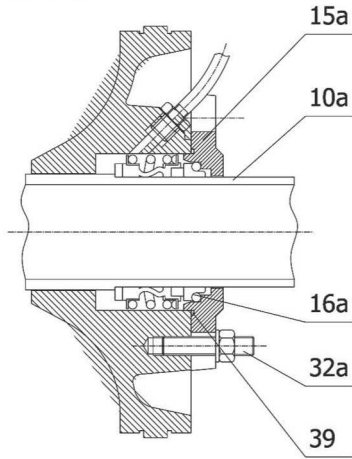
Yatay Montaj / Horizontal Installation



Parça No	Parça Adı
15	Açık Glen
14	Salmastra burcu
16	Yumuşak salmastra grubu
13	Sulama Halkası
32	Saplama + Somun
25	O-Ring

Part No	Part Name
15	Gland
14	Shaft ring
16	Gland packing
13	Lantern ring
32	Bolt + nut
25	O - ring

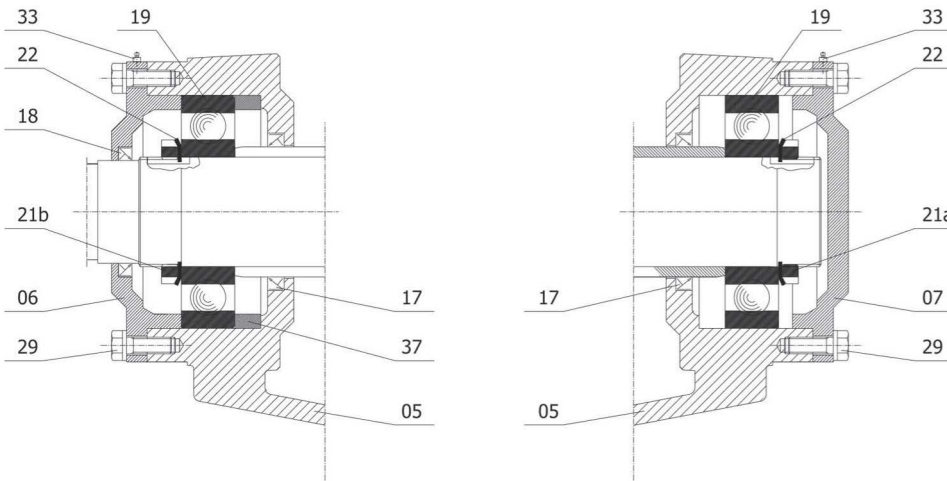
Dikey Montaj / Vertical Installation



Parça No	Parça Adı
15a	Salmastra kapağı
10a	Mekanik Salmastra burcu
16a	Mekanik Salmastra
32a	Saplama + Somun
39	O-Ring

Part No	Part Name
15a	Seal cover
10a	Shaft sleeve
16a	Mechanical seal
32a	Bolt + nut
39	O - Ring

BEARING BOX PARTS RULMAN YATAĞI PARÇALARI



Parça No	Parça Adı
05	Rulman Yatağı-Kaplin tarafı
05	Rulman Yatağı-Kapalı taraf
06	Rulman Kapağı-Kaplin tarafı
07	Rulman Kapağı-Kapalı taraf

Parça No	Parça Adı
19	Sabit Bilyalı Rulman
17	Keçe
18	Keçe
22	Emniyet rondelası

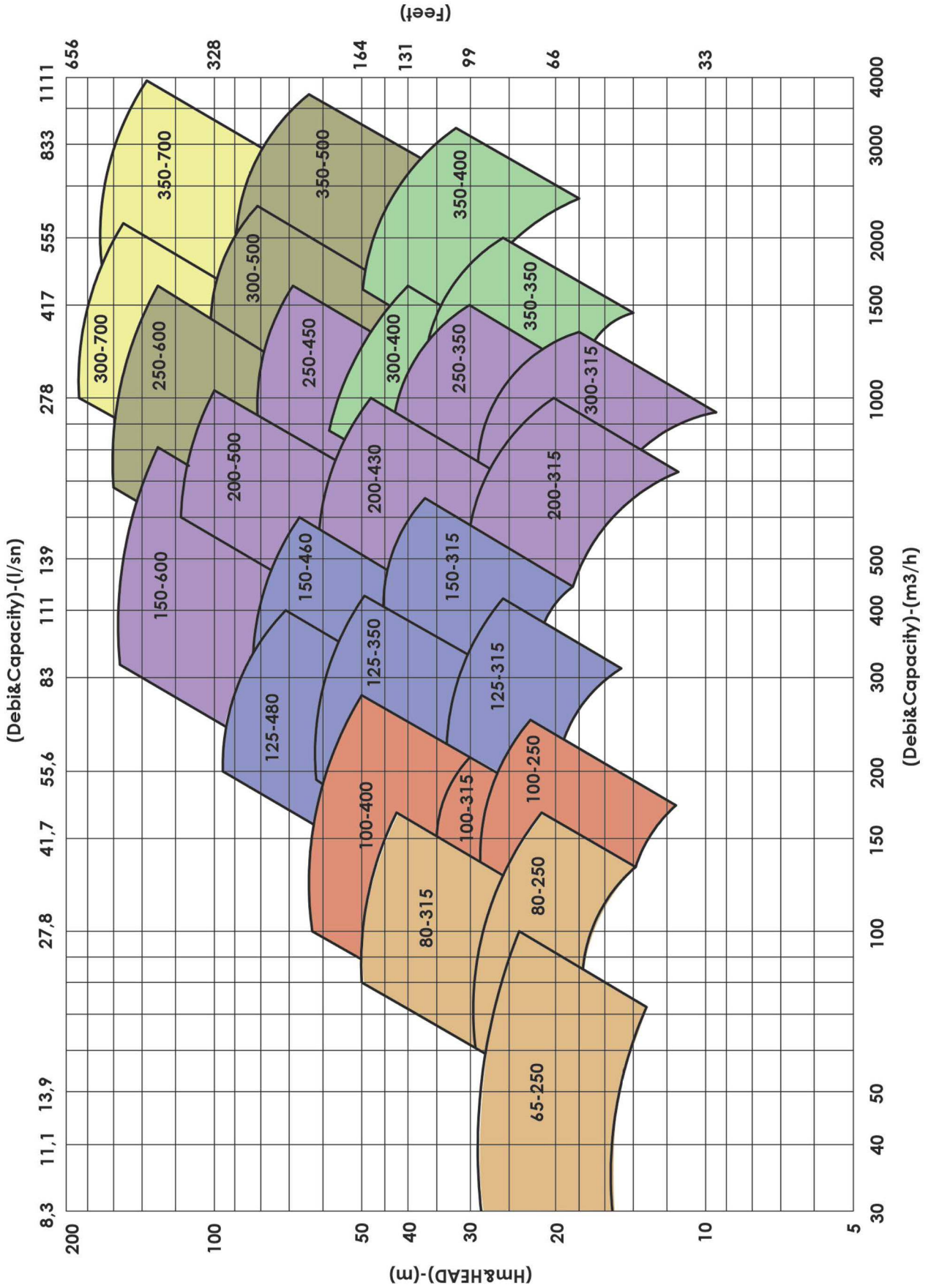
Parça No	Parça Adı
21a 21b	Rulman sıkma somunu
37	Rulman dayanma burcu
29	Cıvata
33	Gresörlük

Part No	Part Name
05	Bearing box - coupling side
05	Bearing box - close side
06	Bearing cover - coupling side
07	Bearing cover - coupling side

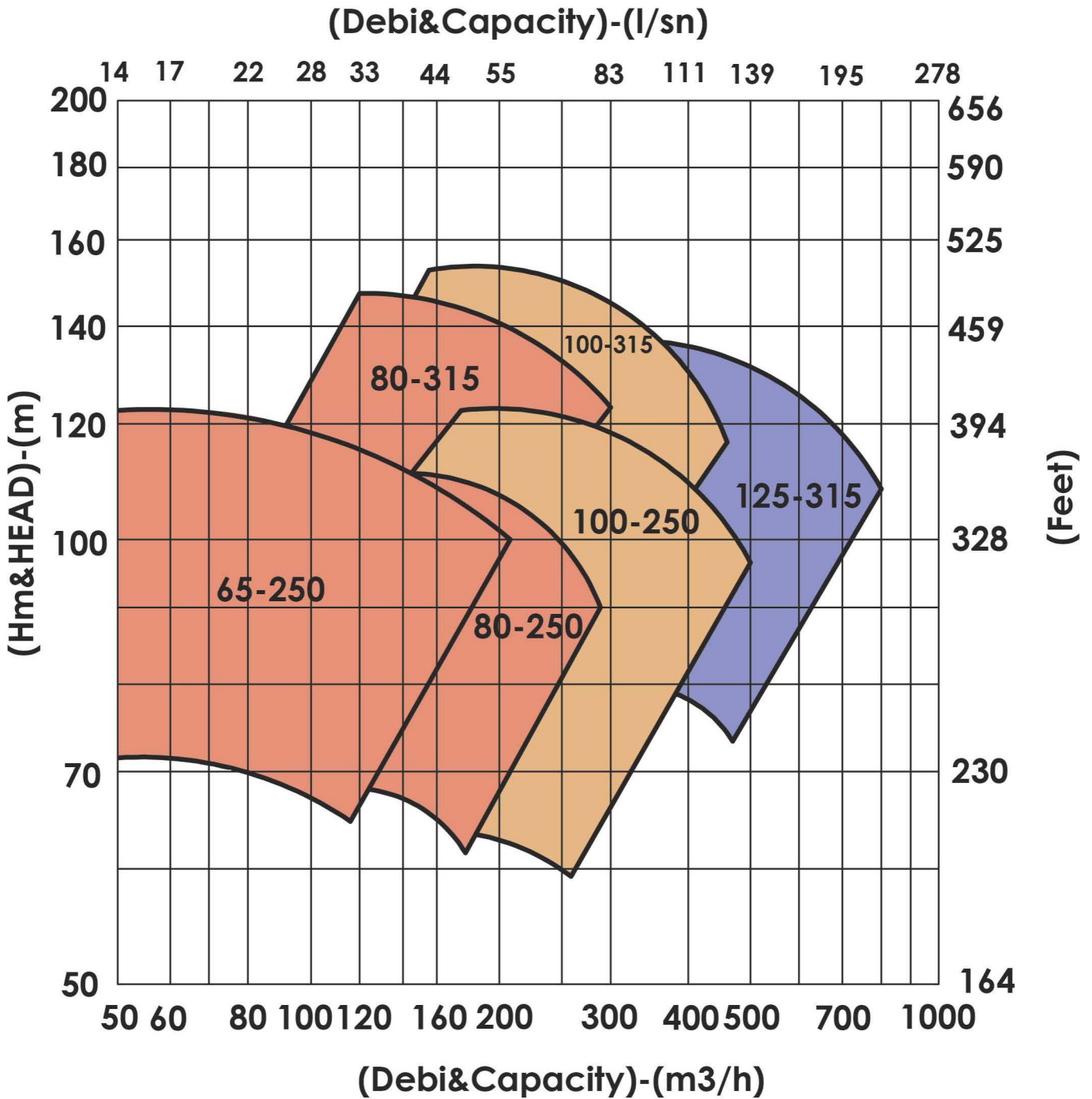
Part No	Part Name
19	Deep groove ball bearing
17	Felt ring
18	Felt ring
22	Bearing circlip

Part No	Part Name
21a 21b	Hex bolt
37	Bearing sleeve
29	Bolt
33	Plug

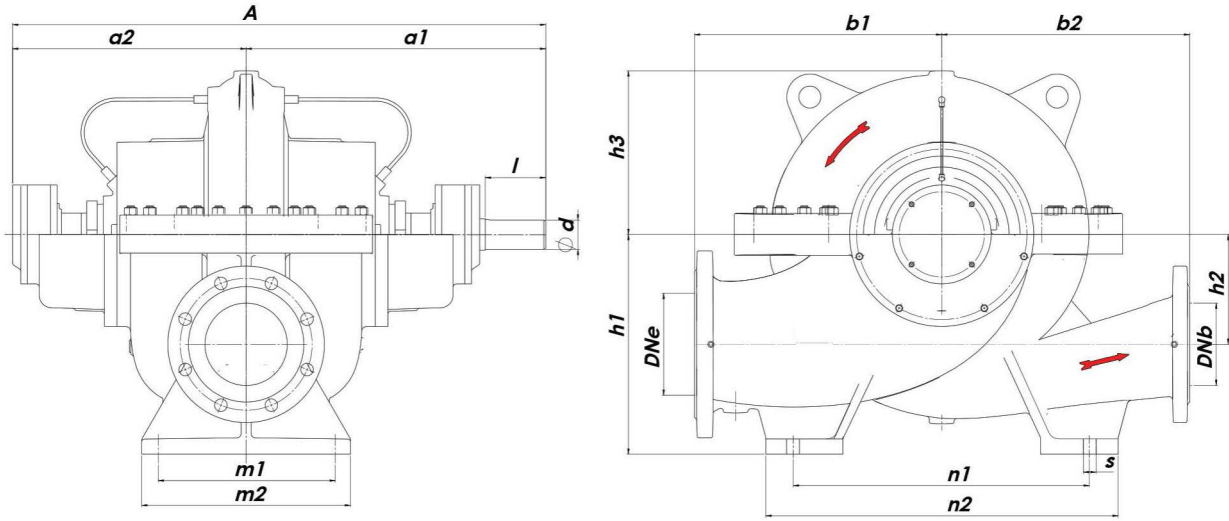
1450 D/D APORT CURVES 1450 RPM APORT EĞRİLERİ



2900 D/D APORT CURVES 2900 RPM APORT EĞRİLERİ



PUMP DIMENSIONS POMPA ÖLÇÜLERİ

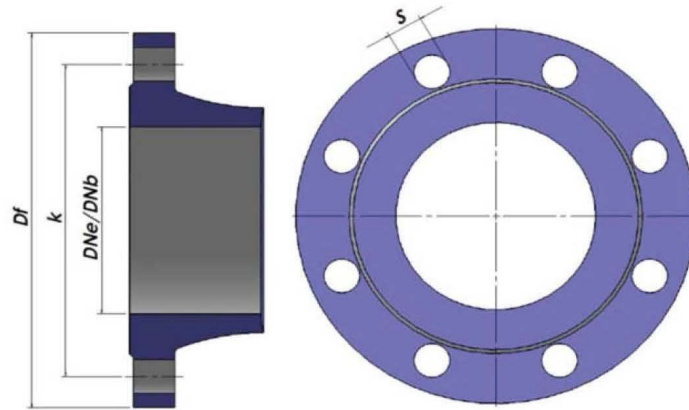


Model	Pne	Pnb	De	Db	kg	a1	a2	A	b1	b2	h1	h2	h3	m1	m2	n1	n2	s	l	d	
ESCE 65-250	16	16	100	65	165	400	310	710	320	280	300	140	200	230	300	400	460	20	80	35	
ESCE 80-250			125	80	175	400	310	710	320	280	300	140	200	200	230	300	400	460	20	80	35
ESCE 80-315			125	80	197	400	310	710	360	300	300	140	260	230	300	400	460	20	80	35	
ESCE 100-250			150	100	220	450	350	800	360	310	355	170	235	280	340	400	480	20	90	42	
ESCE 100-315			150	100	230	450	350	800	360	310	355	170	250	280	340	400	480	20	90	42	
ESCE 100-400			150	100	290	450	350	800	420	370	355	170	300	280	340	460	540	20	90	42	
ESCE 125-315			200	125	330	555	420	975	420	370	400	200	280	320	380	460	540	22	120	55	
ESCE 125-350			200	125	380	555	420	975	470	450	400	200	300	320	380	540	660	22	120	55	
ESCE 125-480			200	125	570	555	420	975	450	450	400	200	420	340	390	560	640	25	110	45	
ESCE 150-315			200	150	395	555	420	975	470	400	400	200	310	320	380	540	640	22	120	55	
ESCE 150-460			200	150	420	450	450	900	450	450	400	200	490	430	480	560	640	25	110	55	
ESCE 150-600			25	25	250	150	800	645	500	1145	550	500	560	300	445	360	420	540	640	22	130
ESCE 200-315	16	16	250	200	570	645	500	1145	500	450	500	240	315	360	420	540	640	22	130	65	
ESCE 200-430			250	200	600	600	430	1007	500	500	500	240	490	430	480	560	650	25	110	55	
ESCE 200-500			250	200	700	645	500	1145	550	500	560	300	380	360	420	620	720	22	130	65	
ESCE 250-350			300	250	682	645	500	1145	600	500	600	300	390	360	420	620	720	22	130	65	
ESCE 250-450			300	250	780	645	500	1145	600	500	600	300	415	360	420	620	720	22	130	65	
ESCE 250-600	25	25	300	250	1190	720	540	1260	650	550	600	300	430	415	485	620	710	26	130	65	
ESCE 300-315	16	16	350	300	700	645	500	1145	600	500	630	300	400	360	420	620	700	22	130	65	
ESCE 300-400			400	300	1125	646	547	1385	700	550	710	350	450	420	520	720	800	26	140	75	
ESCE 300-500			400	300	1500	755	585	1340	700	750	710	350	425	420	520	700	800	26	170	85	
ESCE 300-700	25	25	400	300	1650	865	675	1540	750	800	710	350	470	420	520	720	880	26	180	100	
ESCE 350-350	16	16	400	350	1100	770	615	1385	700	550	670	350	450	420	520	720	800	26	140	75	
ESCE 350-400			500	350	1400	770	615	1385	800	600	800	380	500	500	600	800	960	26	140	75	
ESCE 350-500			500	350	1435	755	585	1340	800	600	800	400	435	500	600	740	900	26	170	80	
ESCE 350-700	25	25	500	350	2000	865	675	1540	850	750	850	450	525	500	600	720	880	26	180	100	

FLANGE DIMENSIONS / FLANŞ ÖLÇÜLERİ

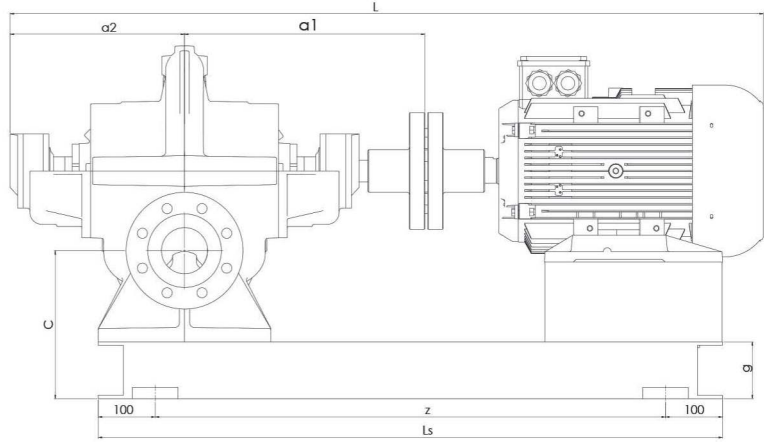
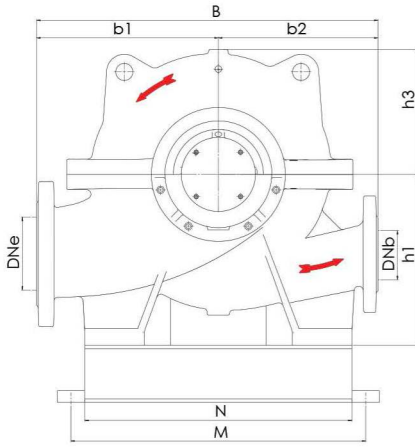
FLANGE DIMENSIONS / FLANŞ ÖLÇÜLERİ								
Dne / DNb	EMME/BASMA (PN 16)				BASMA (PN)			
	Df	k	s	n	Df	k	s	n
65	185	145	19	4	185	145	19	8
80	200	160	19	8	200	160	19	8
100	220	180	19	8	235	190	23	8
125	250	210	19	8	270	220	28	8
150	285	240	23	8	300	250	28	8
200	340	295	23	12	360	310	28	12
250	405	355	28	12	425	370	31	12
300	460	410	28	12	485	430	31	16
350	520	470	28	16	555	490	34	16
400	580	525	31	16	620	550	37	16
500	715	650	34	20	730	660	37	20
600	840	770	37	20	845	770	41	20
700	910	840	37	24	960	875	44	24

ISO7025/2
DIN 2501



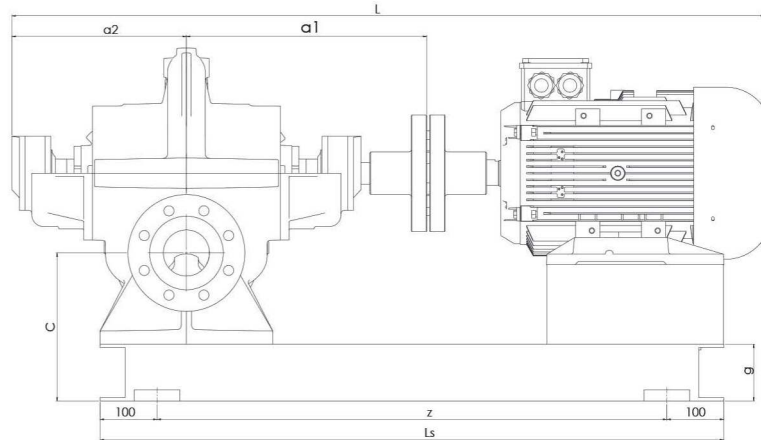
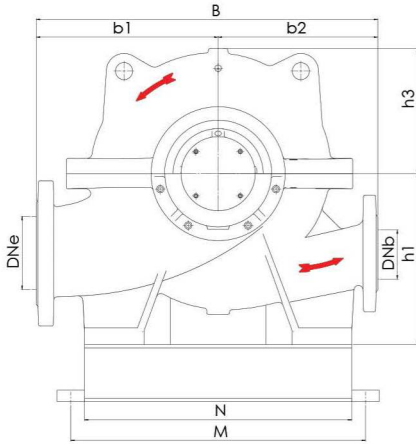
"n" Delik Sayısı
'n' Hole Number

GROUP DIMENSIONS GRUP ÖLÇÜLERİ



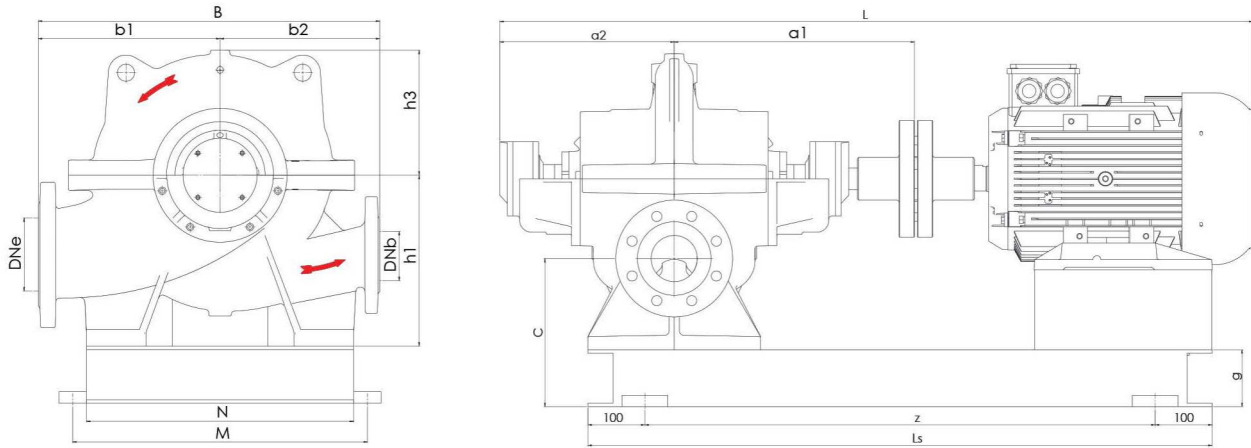
Model	Güç (Kw) Hız (d/d) Power (Kw) / (rpm)		De	Db	kg	MOTOR IEC	a1	a2	A	C	L	Ls	z	N	M	g	b1	b2	h1	h3
	3000	1500																		
ESCE 65-250	37		100	65	440	200L	400	310	710	300	864	555	355	460	510	140	320	280	300	200
	45				478,5	225M	400	310	710	300	875	555	355	460	510	140	320	280	300	200
	55				605	250M	400	310	710	300	892	555	355	484	534	140	320	280	300	200
	75				797,5	280M	400	310	710	300	869	555	355	550	600	140	320	280	300	200
	90				836	280M	400	310	710	300	869	555	355	550	600	140	320	280	300	200
		4			213,4	112M	400	310	710	260	802	555	355	460	510	100	320	280	300	200
		5,5			224,4	132M	400	310	710	260	821	555	355	460	510	100	320	280	300	200
		7,5			233,2	132M	400	310	710	260	829	555	355	460	510	100	320	280	300	200
	11	262,9	160M	400	310	710	260	794	555	355	460	510	100	320	280	300	200			
ESCE 80-250	55		125	80	616	250M	400	310	710	300	892	555	355	484	534	140	320	280	300	200
	75				808,5	280M	400	310	710	300	869	555	355	550	600	140	320	280	300	200
	110				847	280M	400	310	710	300	938	555	355	620	670	140	320	280	300	200
		7,5			244,2	132M	400	310	710	260	829	555	355	460	510	100	320	280	300	200
		11			273,9	160M	400	310	710	260	794	555	355	460	510	100	320	280	300	200
		15			346,5	160M	400	310	710	260	843	555	355	460	510	100	320	280	300	200
ESCE 80-315	110		125	80	1009	280M	400	310	710	300	938	555	355	620	670	140	360	300	300	260
	132				1102	315M	400	310	710	300	938	555	355	620	670	140	360	300	300	260
	160				1174	315M	400	310	710	300	938	555	355	620	670	140	360	300	300	260
		15			370,7	160L	400	310	710	260	843	555	355	460	510	100	360	300	300	260
		18,5			381,7	180M	400	310	710	260	823	555	355	460	510	100	360	300	300	260
		30			475,2	200L	400	310	710	260	864	555	355	460	510	100	360	300	300	260
ESCE 100-250	75		150	100	858	280M	450	350	800	325	959	625	425	550	600	140	360	310	355	235
	90				896,5	280M	450	350	800	325	959	625	425	550	600	140	360	310	355	235
	132				1128	315M	450	350	800	325	1028	625	425	620	670	140	360	310	355	235
	160				1199	315M	450	350	800	325	933	625	425	620	670	140	360	310	355	235
		7,5			293,7	132M	450	350	800	285	919	625	425	480	530	100	360	310	355	235
		15			396	160L	450	350	800	285	933	625	425	480	530	100	360	310	355	235
		22			429	180L	450	350	800	285	913	625	425	480	530	100	360	310	355	235
ESCE 100-315	90		150	100	907,5	280M	450	350	800	325	959	625	425	550	600	140	360	310	355	250
	160				1210	315M	450	350	800	325	1028	625	425	620	670	140	360	310	355	250
	200				1298	315L	450	350	800	325	1047	625	425	620	670	140	360	310	355	250
		15			407	160L	450	350	800	285	933	625	425	480	530	100	360	310	355	250
		22			440	180L	450	350	800	285	913	625	425	480	530	100	360	310	355	250
		30			511,5	200L	450	350	800	285	954	625	425	480	530	100	360	310	355	250
ESCE 100-400	30		150	100	577,5	200L	450	350	800	285	954	625	425	540	590	100	420	370	355	300
	37				621,5	225M	450	350	800	285	954	625	425	540	590	100	420	370	355	300
	45				671	225M	450	350	800	285	965	625	425	540	590	100	420	370	355	300
	55				753,5	250M	450	350	800	285	982	625	425	540	590	100	420	370	355	300
	75				924	250M	450	350	800	285	959	625	425	550	600	100	420	370	355	300
		18,5			528	180M	555	420	975	320	1088	750	550	540	590	120	420	370	400	280
ESCE 125-315	22		200	125	550	180L	555	420	975	320	1088	750	550	540	590	120	420	370	400	280
	30				621,5	200L	555	420	975	320	1129	750	550	540	590	120	420	370	400	280
	37				665,5	225M	555	420	975	320	1129	750	550	540	590	120	420	370	400	280
	45				715	225M	555	420	975	320	1140	750	550	540	590	120	420	370	400	280

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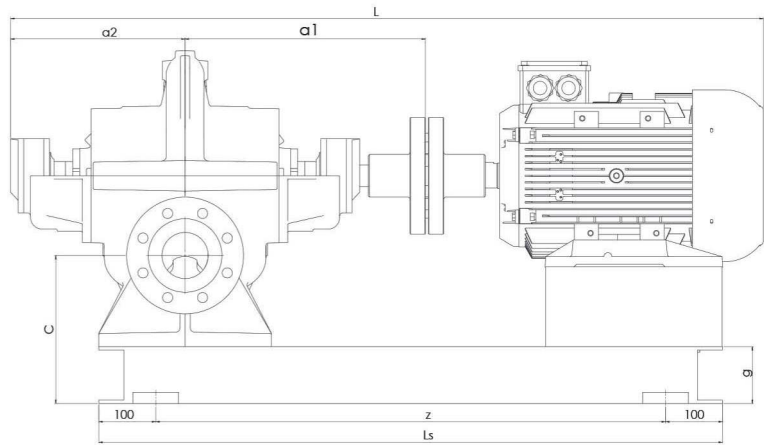
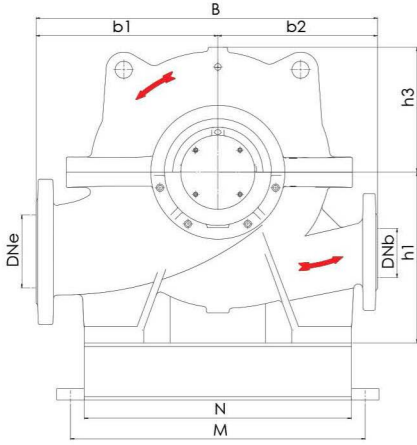
Model	Güç (Kw) / Hız (d/d) Power (Kw) / (rpm)		De	Db	kg	MOTOR IEC	a1	a2	A	C	L	Ls	z	N	M	g	b1	b2	h1	h3
	3000	1500																		
ESCE 125-350	30		200	125	676,5	200L	555	420	975	340	1129	750	550	660	710	140	470	450	400	300
	37				720,5	225M	555	420	975	340	1129	750	550	660	710	140	470	450	400	300
	45				770	225M	555	420	975	340	1140	750	550	660	710	140	470	450	400	300
	55				852,5	250M	555	420	975	340	1157	750	550	660	710	140	470	450	400	300
	75				1023	280M	555	420	975	340	1134	750	550	660	710	140	470	450	400	300
	90				1095	280M	555	420	975	340	1134	750	550	660	710	140	470	450	400	300
ESCE 125-480	45		200	125	781	225M	555	420	975	320	1157	750	550	640	690	120	450	450	400	350
	55				863,5	250M	555	420	975	320	1134	750	550	640	690	120	450	450	400	350
	75				1034	250M	555	420	975	320	1134	750	550	640	690	120	450	450	400	350
	90				1106	280M	555	420	975	340	1203	750	550	640	690	140	450	450	400	350
	110				1243	280M	555	420	975	340	1203	750	550	640	690	140	450	450	400	350
ESCE 150-315	37		200	150	737	225M	555	420	975	320	1129	750	550	640	690	120	470	400	400	310
	45				786,5	225M	555	420	975	320	1140	750	550	640	690	120	470	400	400	310
	55				869	250M	555	420	975	320	1157	750	550	640	690	120	470	400	400	310
	75				1040	280M	555	420	975	320	1134	750	550	640	690	120	470	400	400	310
	90				1111	280M	555	420	975	320	1134	750	550	640	690	120	470	400	400	310
ESCE 150-460	55		200	150	940,5	250M	450	450	970	320	1129	735	535	640	690	120	450	450	400	310
	75				1111	280M	450	450	970	320	1129	765	565	640	690	120	450	450	400	310
	90				1183	280M	450	450	970	340	1198	765	565	640	690	140	450	450	400	310
	110				1320	280M	450	450	970	340	1198	765	565	640	690	140	450	450	400	310
	132				1419	315M	450	450	970	340	1198	765	565	640	690	140	450	450	400	310
	160				1496	315M	450	450	970	340	1198	765	565	640	690	140	450	450	400	310
ESCE 150-600	90		250	150	1557	280M	645	500	1145	420	1304	860	660	640	690	160	550	500	560	445
	110				1694	280M	645	500	1145	420	1373	860	660	640	690	160	550	500	560	445
	132				1793	315M	645	500	1145	420	1373	860	660	640	690	160	550	500	560	445
	160				1870	315M	645	500	1145	420	1373	860	660	640	690	160	550	500	560	445
	185				1969	315L	645	500	1145	420	1392	860	660	640	690	160	550	500	560	445
	200				2156	315L	645	500	1145	440	1392	860	660	640	690	180	550	500	560	445
	250				2420	355M	645	500	1145	440	1324	860	660	740	790	180	550	500	560	445
	315				2648	355M	645	500	1145	440	1324	860	660	740	790	180	550	500	560	445
	355				2805	355M	645	500	1145	440	1324	860	660	740	790	180	550	500	560	445
	400				2954	355L	645	500	1145	440	1324	860	660	740	790	180	550	500	560	445
	ESCE 200-315	30				250	200	885,5	200L	645	500	1145	380	1299	860	660	640	690	120	500
37			929,5	225M	645			500	1145	380	1299	860	660	640	690	120	500	450	500	315
45			979	225M	645			500	1145	380	1310	860	660	640	690	120	500	450	500	315
55			1062	250M	645			500	1145	380	1327	860	660	640	690	120	500	450	500	315
75			1232	280M	645			500	1145	400	1304	860	660	640	690	140	500	450	500	315
ESCE 200-430		45		250	200			979	225M	600	450	1050	380	1215	845	645	650	700	120	500
	55		1095			250M	600	450	1050	380	1232	845	645	650	700	120	500	500	500	450
	75		1265			280M	600	450	1050	380	1209	845	645	650	700	120	500	500	500	450
	90		1337			280M	600	450	1050	380	1278	845	645	650	700	120	500	500	500	450
	110		1474			280M	600	450	1050	400	1278	845	645	650	700	140	500	500	500	450
	132		1573			315M	600	450	1050	400	1278	845	645	650	700	140	500	500	500	450
	160		1650			315M	600	450	1050	400	1278	845	645	650	700	140	500	500	500	450

GROUP DIMENSIONS GRUP ÖLÇÜLERİ



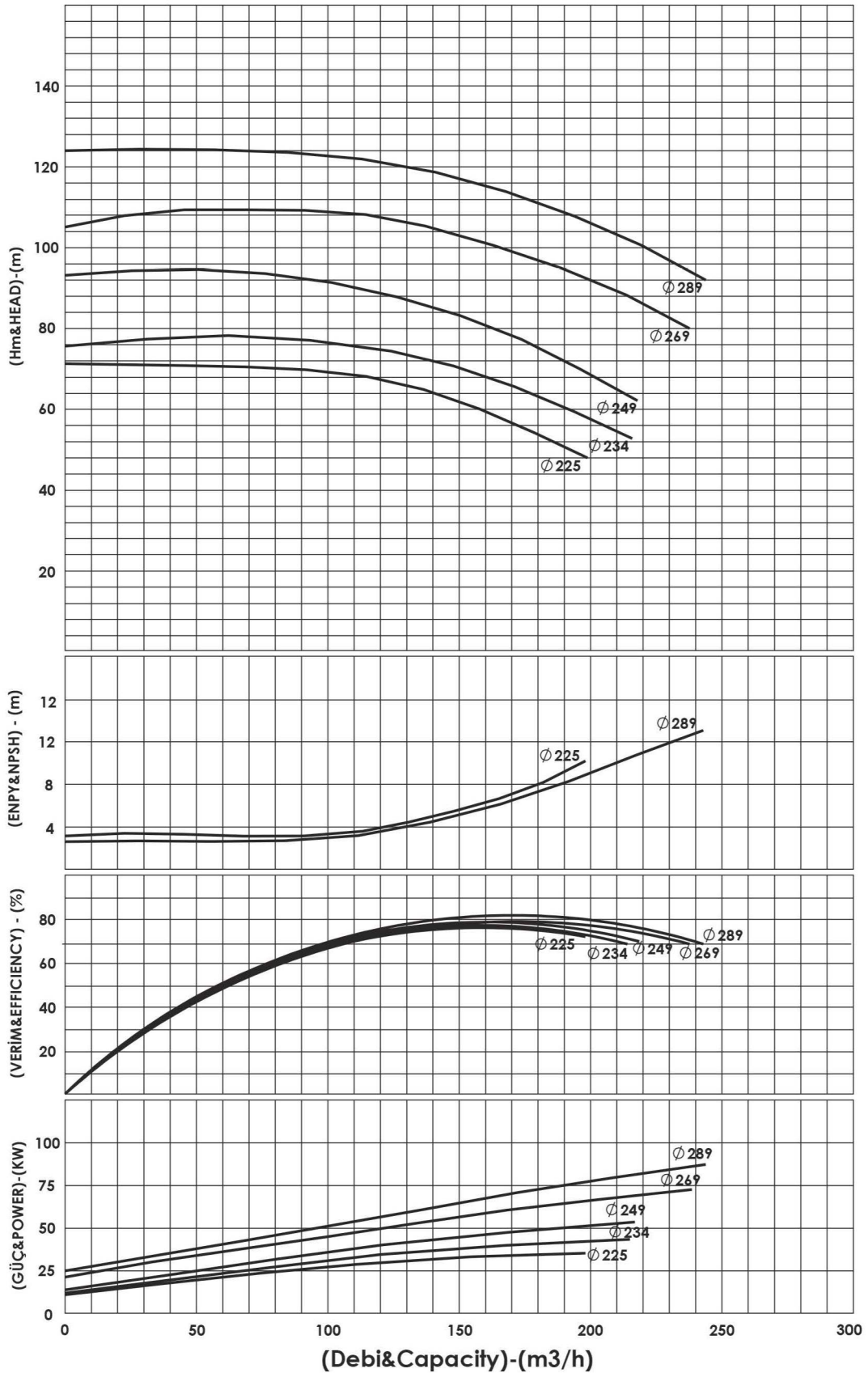
Model	Güç (Kw) Hız (d/d) Power (Kw) / (rpm)		De	Db	kg	MOTOR IEC	a1	a2	A	C	L	Ls	z	N	M	g	b1	b2	h1	h3	
	3000	1500																			
ESCE 200-500		132	250	200	1683	315M	645	500	1145	420	1373	860	660	720	770	160	550	500	560	380	
		160			1760	315M	645	500	1145	420	1373	860	660	660	720	770	160	550	500	560	380
		185			1859	315L	645	500	1145	420	1392	860	660	660	720	770	160	550	500	560	380
		200			2046	315L	645	500	1145	440	1324	860	660	740	790	180	550	500	560	380	
		250			2310	355M	645	500	1145	440	1324	860	660	740	790	180	550	500	560	380	
		315			2538	355M	645	500	1145	440	1324	860	660	740	790	180	550	500	560	380	
		355			2695	355M	645	500	1145	440	1324	860	660	740	790	180	550	500	560	380	
		400			2844	355L	645	500	1145	440	1324	860	660	740	790	180	550	500	560	380	
ESCE 250-350		75	300	250	1355	280M	645	500	1145	440	1304	860	660	720	770	140	600	500	600	390	
		90			1427	280M	645	500	1145	440	1304	860	660	660	720	770	140	600	500	600	390
		110			1564	280M	645	500	1145	460	1373	860	660	660	720	770	160	600	500	600	390
		132			1663	315M	645	500	1145	460	1373	860	660	660	720	770	160	600	500	600	390
		160			1740	315M	645	500	1145	460	1373	860	660	660	720	770	160	600	500	600	390
		200			2026	315L	645	500	1145	460	1392	892,5	692,5	720	770	160	600	500	600	390	
ESCE 250-450		160	300	250	1860	315M	645	500	1145	760	1150	650	450	720	770	160	600	500	600	415	
		185			1959	315L	645	500	1145	760	1150	650	450	720	770	160	600	500	600	415	
		200			2146	315L	645	500	1145	760	1150	650	450	720	770	160	600	500	600	415	
		250			2410	355M	645	500	1145	780	1150	650	450	720	770	180	600	500	600	415	
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		355			2795	355M	645	500	1145	780	1150	650	450	720	770	180	600	500	600	415	
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ESCE 250-600		355	300	250	3234	355M	720	540	1260	480	1439	967,5	767,5	740	790	180	650	550	600	430	
		400			3383	355L	720	540	1260	500	1439	967,5	767,5	740	790	200	650	550	600	430	
		450			3867	355L	720	540	1260	500	1531	967,5	767,5	850	900	200	650	550	600	430	
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		560			4329	400L	720	540	1260	500	1531	967,5	767,5	850	900	200	650	550	600	430	
		630			4450	400L	720	540	1260	500	1531	967,5	767,5	850	900	200	650	550	600	430	
		710			4670	400L	720	540	1260	500	1531	967,5	767,5	850	900	200	650	550	600	430	
		800			7029	450L	720	540	1260	500	1680	967,5	767,5	980	1030	200	650	550	600	430	
		900			7359	450L	720	540	1260	500	1680	935	735	980	1030	200	650	550	600	430	
ESCE 300-315		37	350	300	1073	225M	645	500	1145	470	1299	860	660	700	780	140	600	500	630	400	
		45			1122	225M	645	500	1145	470	1310	860	660	660	700	780	140	600	500	630	400
		55			1205	250M	645	500	1145	470	1327	860	660	700	780	140	600	500	630	400	
		75			1375	280M	645	500	1145	470	1304	860	660	700	780	140	600	500	630	400	
		90			1447	280M	645	500	1145	470	1304	910	710	700	780	140	600	500	630	400	
ESCE 300-400		132	350	300	1804	315M	696	547	1243	530	1471	961	761	800	880	140	700	550	710	400	
		160			1881	315M	696	547	1243	530	1471	961	761	761	800	880	140	700	550	710	400
		185			1980	315L	696	547	1243	530	1490	961	761	761	800	880	140	700	550	710	400
		200			2167	315L	696	547	1243	530	1490	961	761	761	800	880	140	700	550	710	400
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GROUP DIMENSIONS GRUP ÖLÇÜLERİ

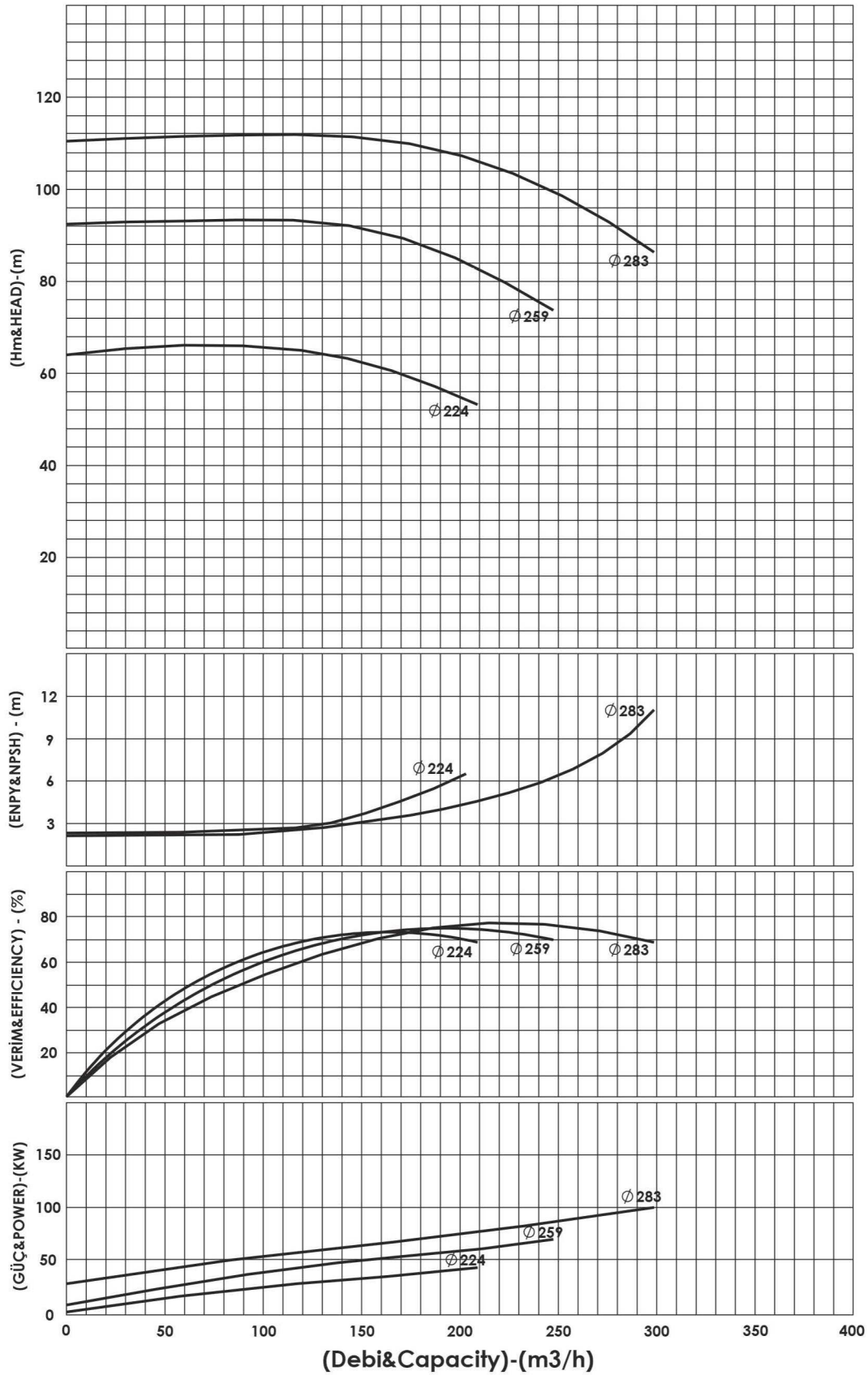


Model	Güç (Kw) Hız (d/d) Power (Kw) / (rpm)		De	Db	kg	MOTOR IEC	a1	a2	A	C	L	Ls	z	N	M	g	b1	b2	h1	h3			
	3000	1500																					
ESCE 300-500		250	400	300	3190	355M	755	585	1340	540	1519	1020	820	800	880	180	700	750	710	425			
		315			3418	355M	755	585	1340	540	1519	1020	820	800	880	180	700	750	710	425			
		355			3575	355M	755	585	1340	540	1519	1020	820	800	880	180	700	750	710	425			
		400			3724	355L	755	585	1340	560	1519	1020	820	800	880	200	700	750	710	425			
		450			4208	355L	755	585	1340	560	1611	1020	820	850	930	200	700	750	710	425			
		500			4406	355L	755	585	1340	560	1611	1020	820	850	930	200	700	750	710	425			
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		630			4791	400L	755	585	1340	560	1611	1020	820	850	930	200	700	750	710	425			
		710			5011	400L	755	585	1340	560	1611	1020	820	850	930	200	700	750	710	425			
		800			7370	450L	755	585	1340	560	1760	1020	820	980	1060	200	700	750	710	425			
ESCE 300-700		500	400	300	4571	355L	865	675	1540	560	1811	1130	930	880	960	200	750	800	710	470			
		560			4835	400L	865	675	1540	560	1811	1130	930	880	960	200	750	800	710	470			
		630			4956	400L	865	675	1540	560	1811	1130	930	880	960	200	750	800	710	470			
		710			5176	400L	865	675	1540	560	1811	1130	930	880	960	200	750	800	710	470			
		800			7535	450L	865	675	1540	560	1960	1130	930	980	1060	200	750	800	710	470			
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		1000			8415	450L	865	675	1540	560	1995	1130	930	1100	1180	200	750	800	710	470			
	ESCE 350-350				90	400	350	1887	280M	770	615	1385	480	1544	1035	835	800	880	160	700	550	670	450
					110			2024	280M	770	615	1385	480	1613	1035	835	800	880	160	700	550	670	450
					132			2123	315M	770	615	1385	480	1613	1035	835	800	880	160	700	550	670	450
		160	2200	315M	770			615	1385	480	1613	1035	835	800	880	160	700	550	670	450			
		200	2486	315L	770			615	1385	480	1632	1075	875	800	880	160	700	550	670	450			
ESCE 350-400		160	500	350	2530	315M	770	615	1385	580	1613	1075	875	960	1040	160	800	600	800	500			
		200			2816	315L	770	615	1385	580	1632	1075	875	960	1040	160	800	600	800	500			
		250			3080	355M	770	615	1385	600	1564	1075	875	960	1040	180	800	600	800	500			
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		400			3614	355L	770	615	1385	600	1564	1075	875	960	1040	180	800	600	800	500			
	ESCE 350-500				355	500	350	3504	355M	755	585	1340	600	1519	1060	860	900	980	200	800	600	800	435
		400	3652	355L	755			585	1340	600	1519	1060	860	900	980	200	800	600	800	435			
		450	4136	355L	755			585	1340	600	1611	1060	860	900	980	200	800	600	800	435			
		500	4334	355L	755			585	1340	600	1611	1060	860	900	980	200	800	600	800	435			
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		900	7629	450L	755			585	1340	600	1760	1060	860	900	980	200	800	600	800	435			
ESCE 350-700			800	500	350			7920	450L	865	675	1540	600	1960	1170	970	980	1060	200	850	750	850	525
		900	8250			450L	865	675	1540	600	1960	1170	970	980	1060	200	850	750	850	525			
		1000	8800			450L	865	675	1540	600	1995	1065	865	1100	1180	200	850	750	850	525			

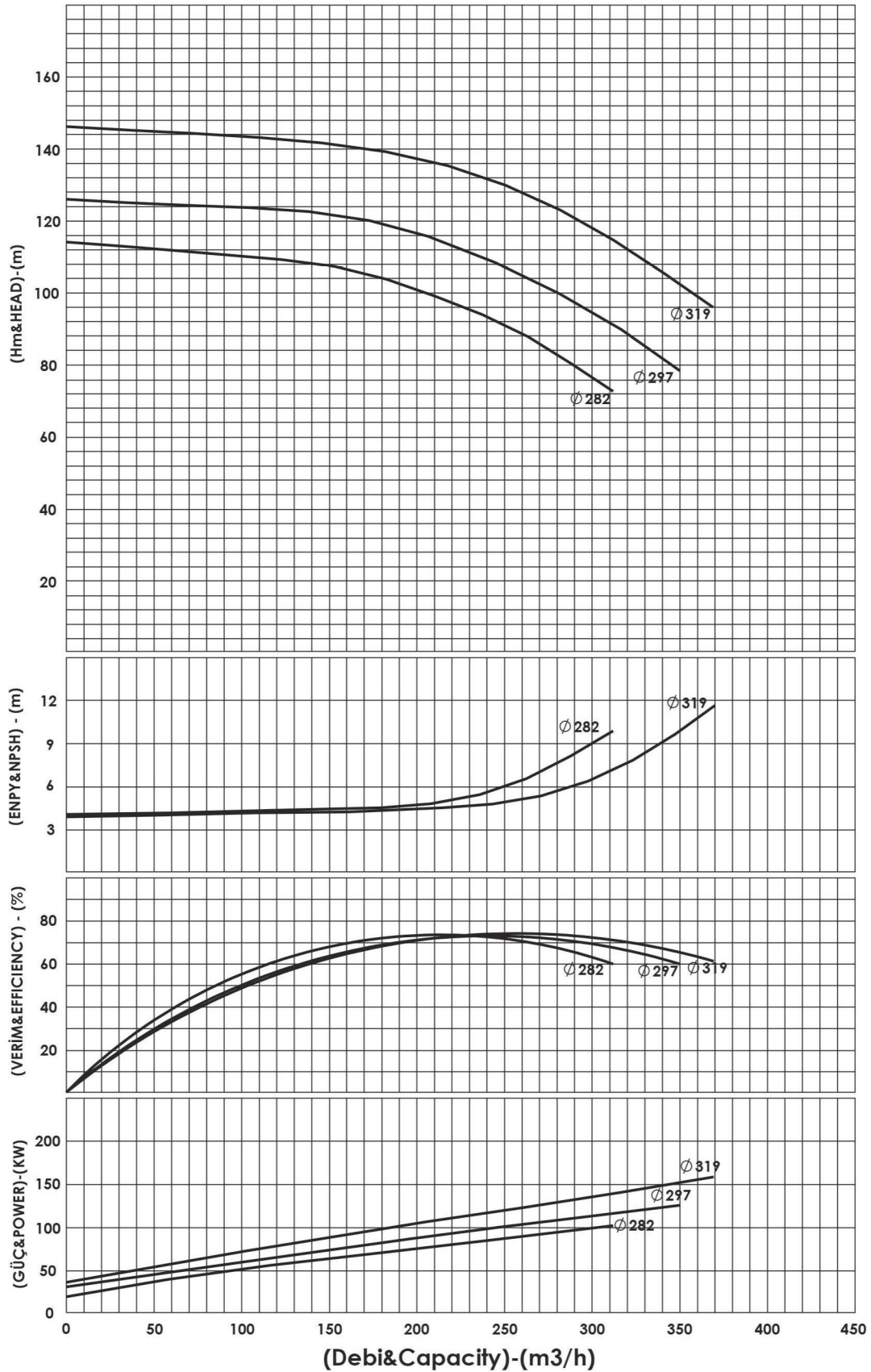
ESCE 65-250 (3000 D/D&RPM)



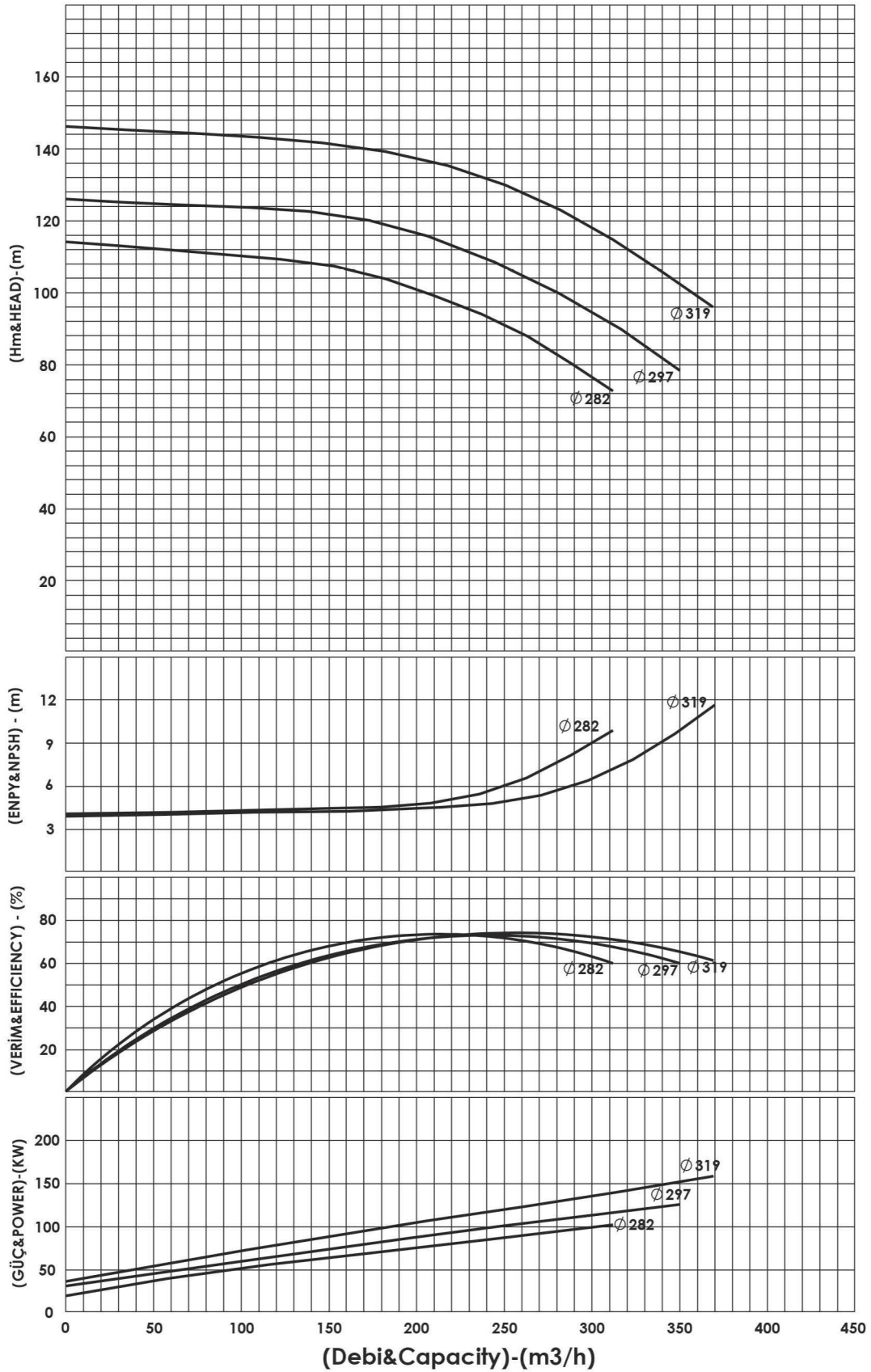
ESCE 80-250 (3000 D/D&RPM)



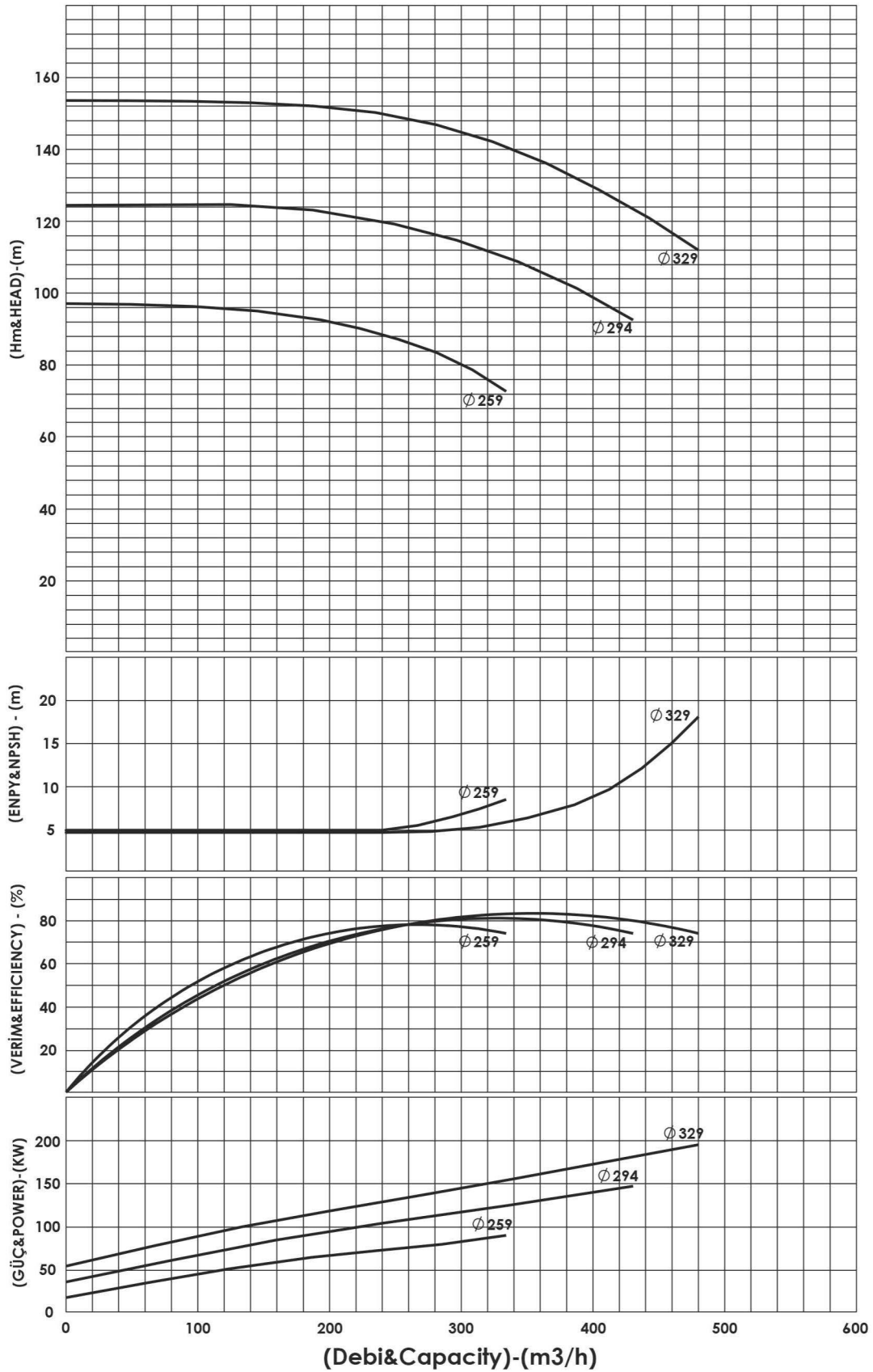
ESCE 80-315 (3000 D/D&RPM)



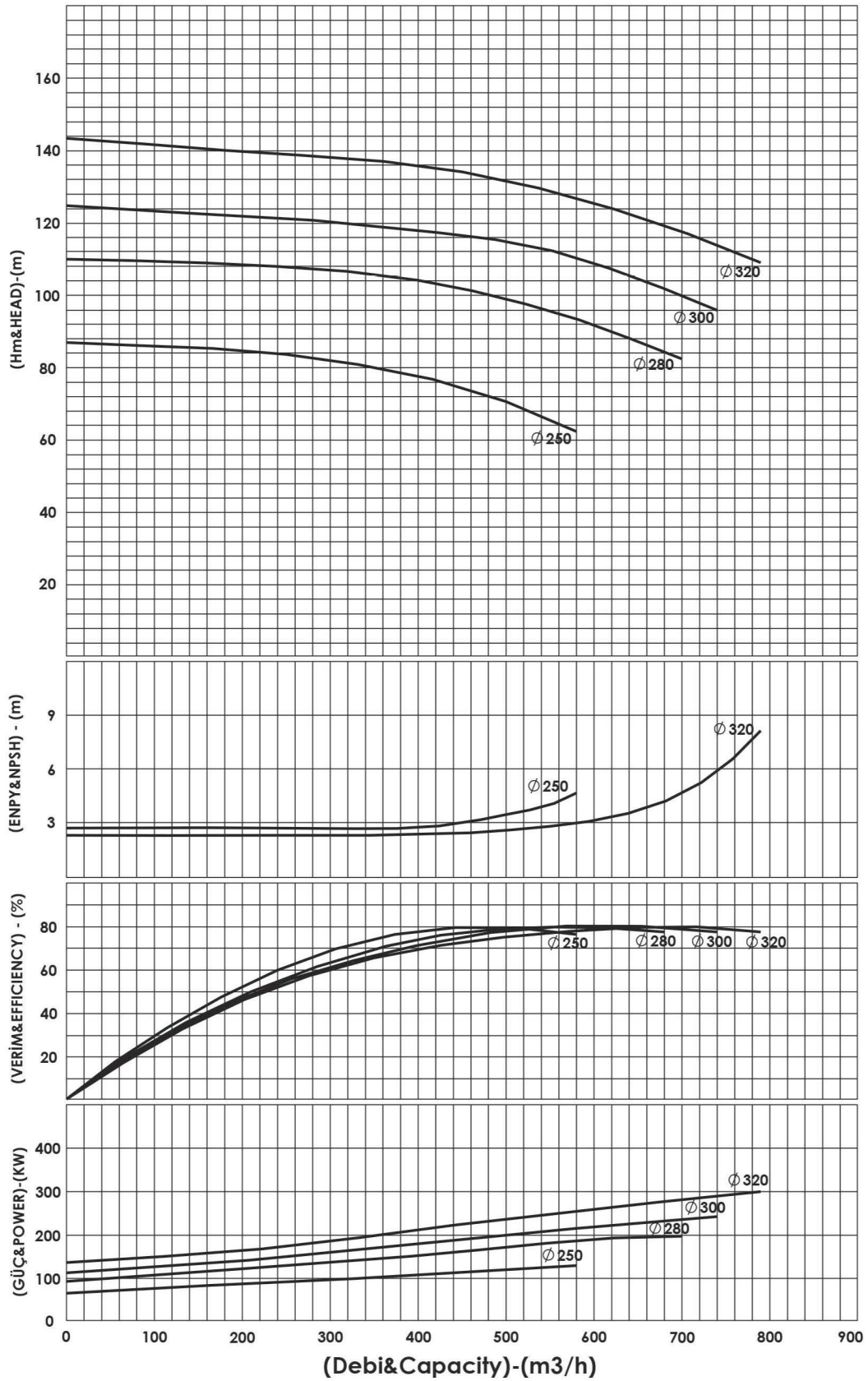
ESCE 100-250 (3000 D/D&RPM)



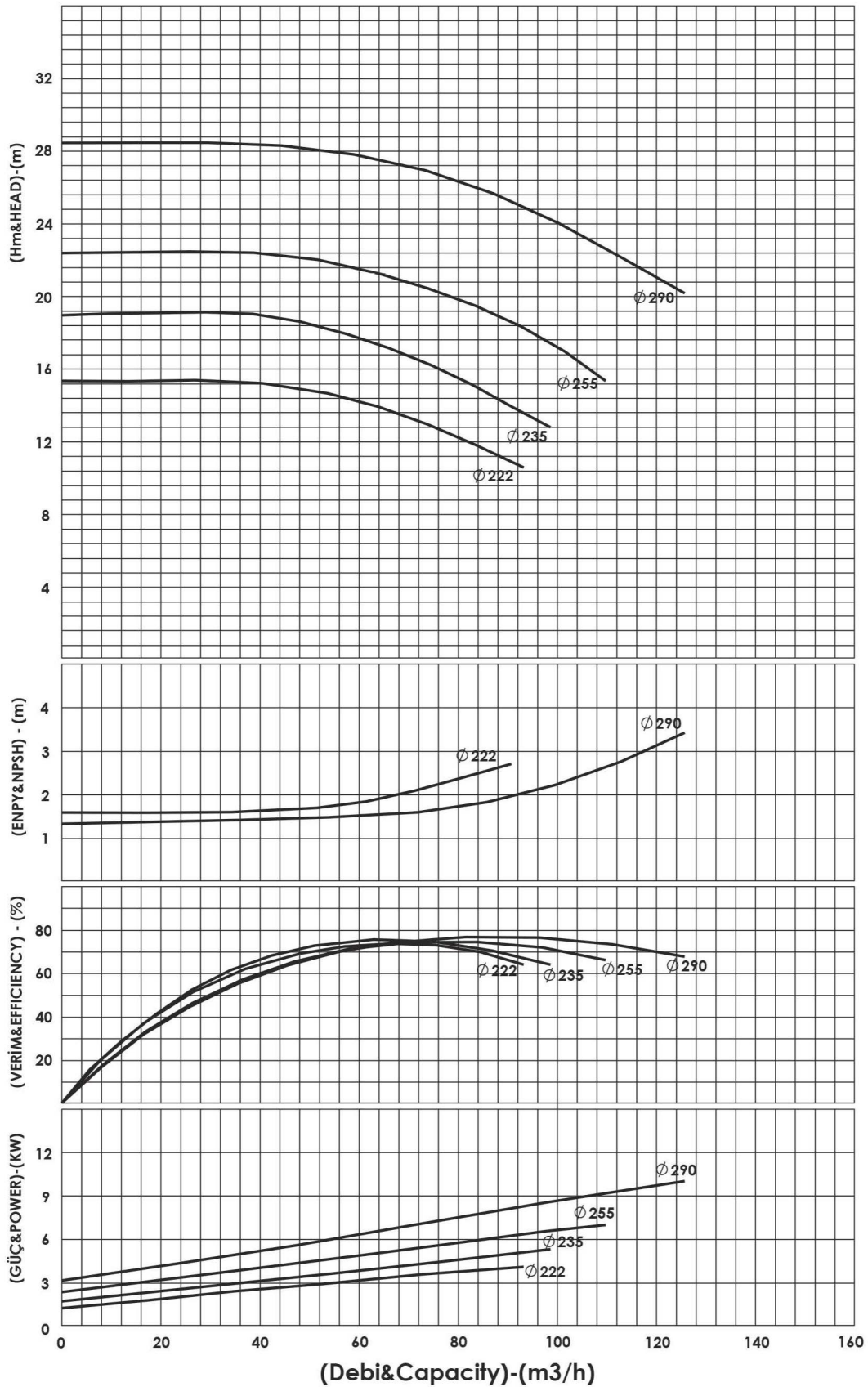
ESCE 100-315 (3000 D/D&RPM)



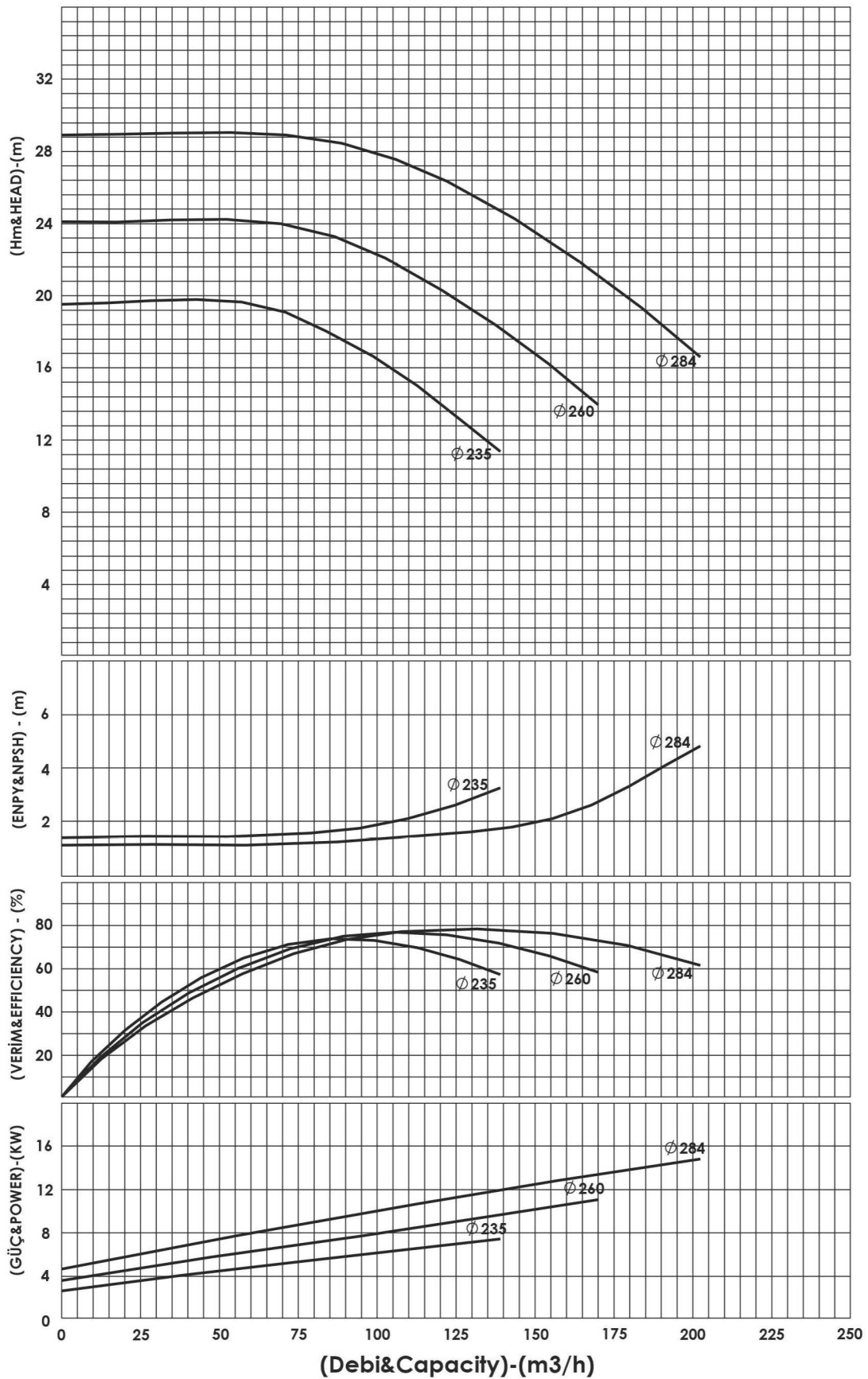
ESCE 125-315 (3000 D/D&RPM)



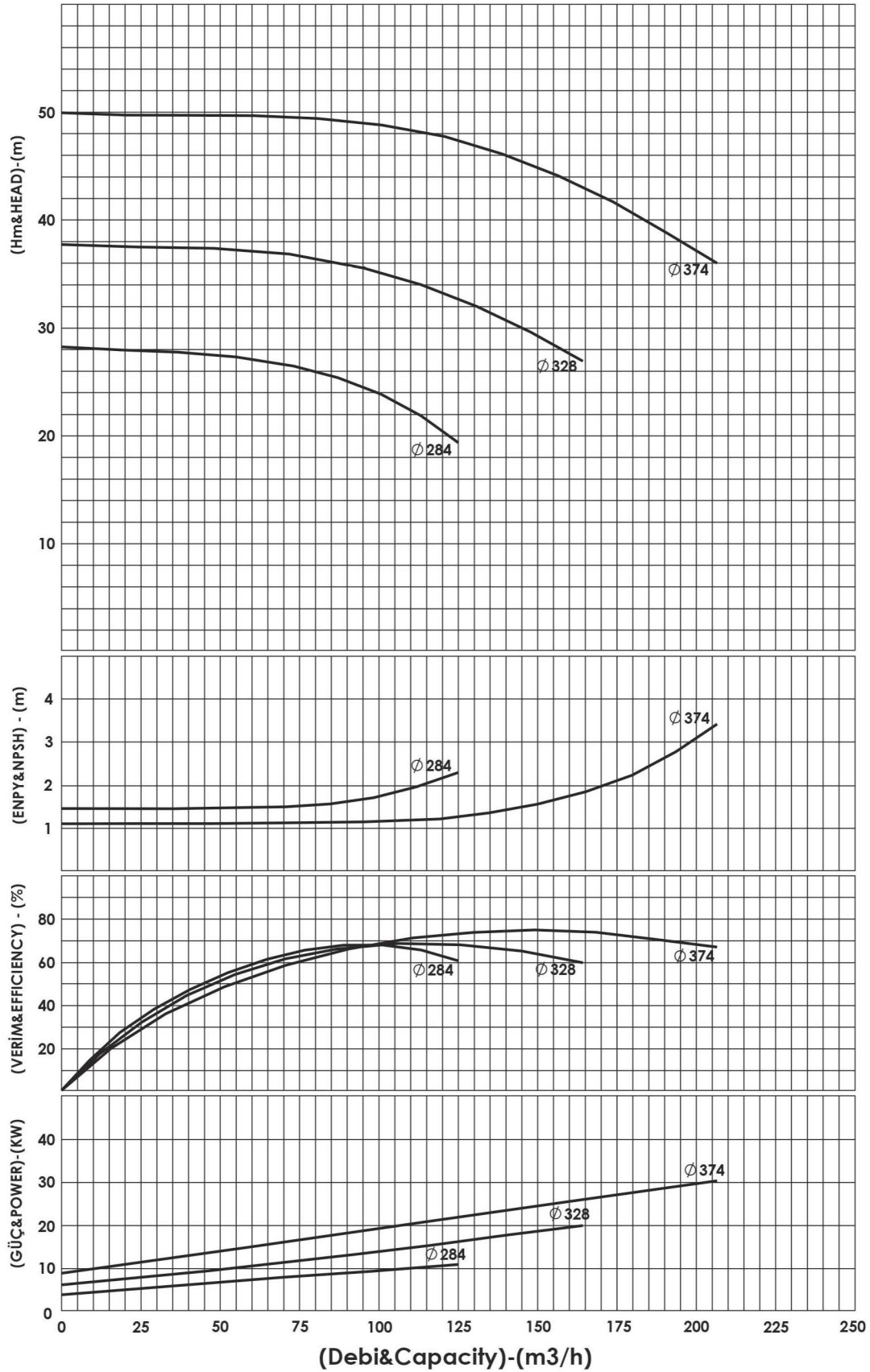
ESCE 65-250 (1500 D/D&RPM)



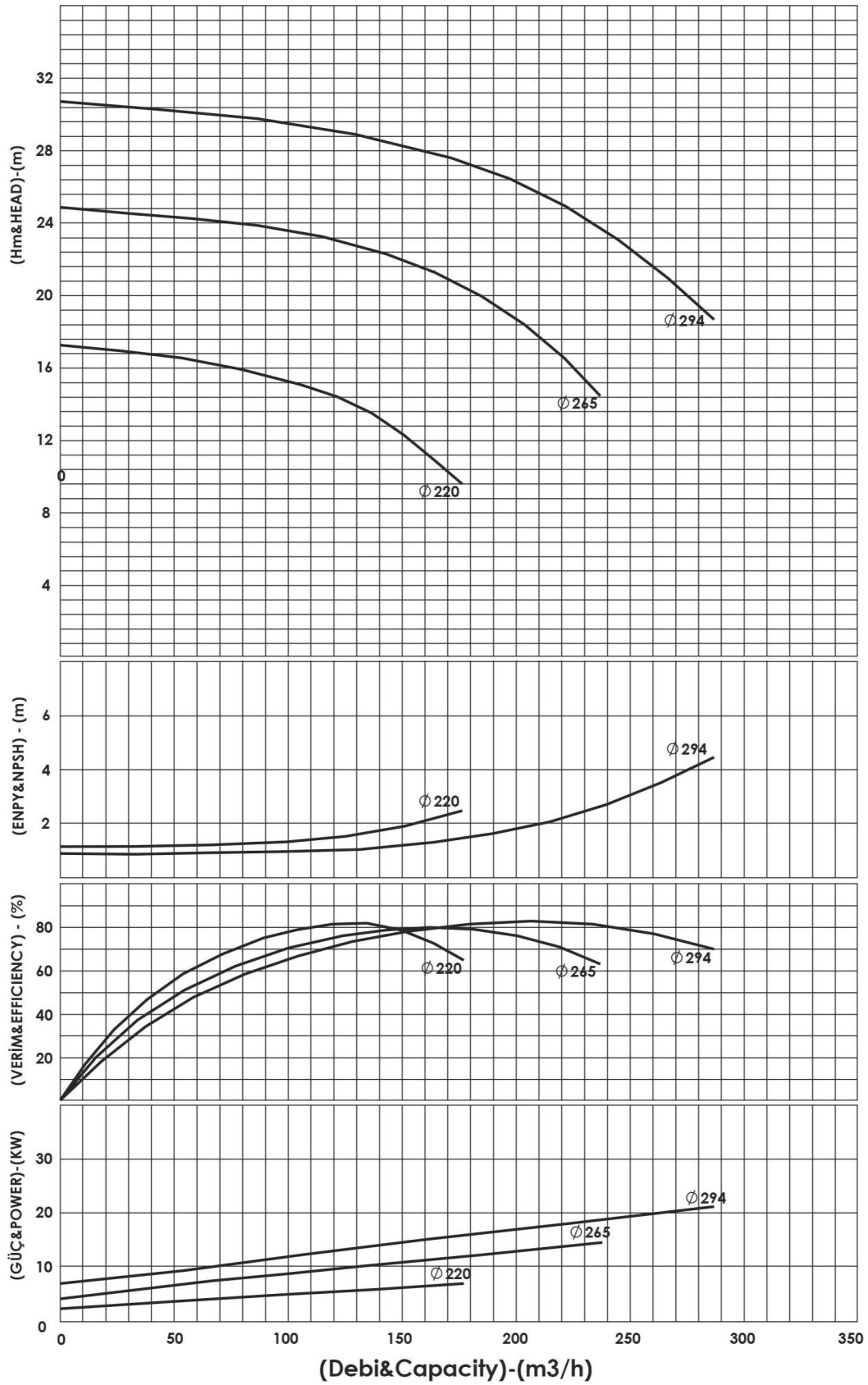
ESCE 80-250 (1500 D/D&RPM)



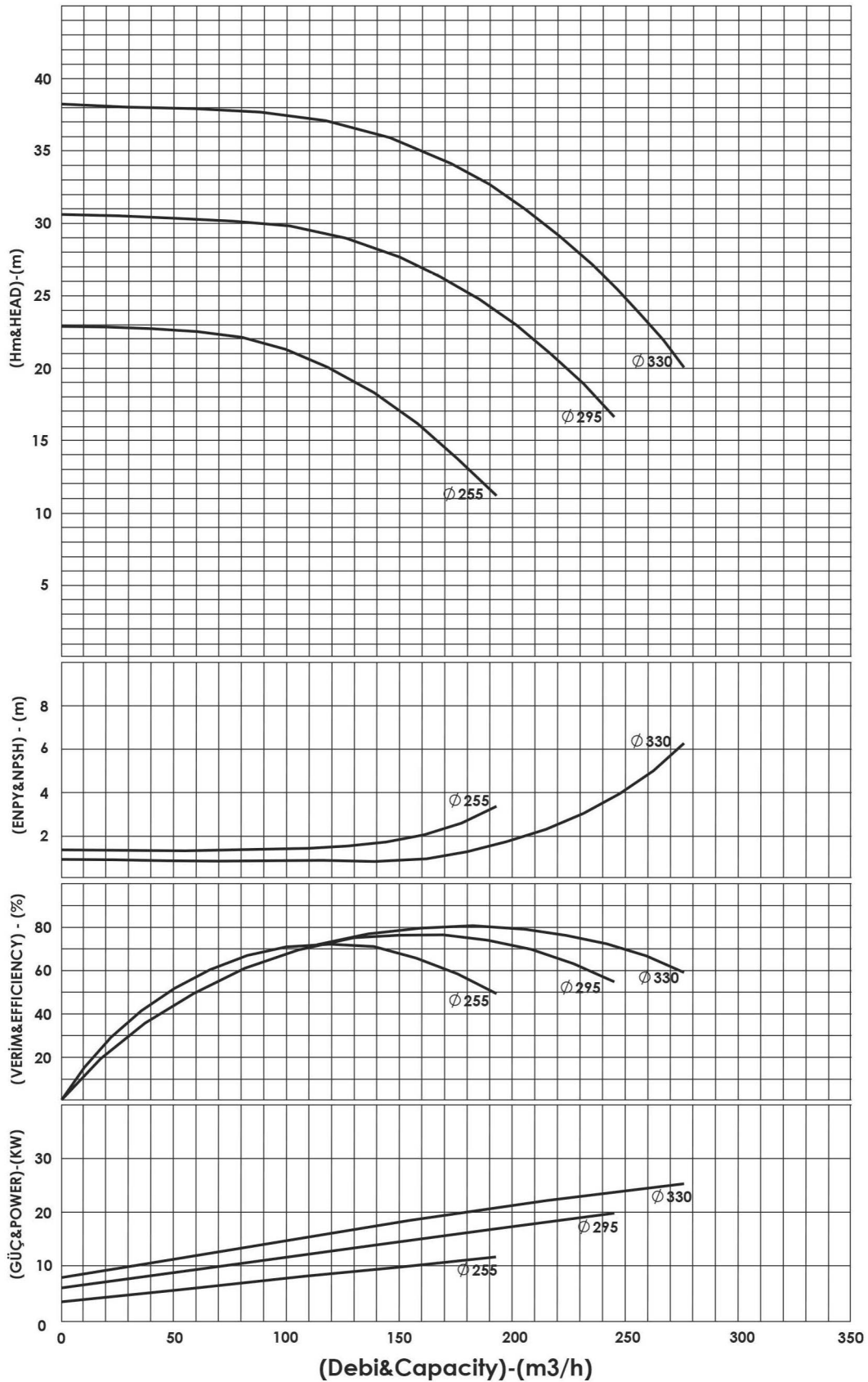
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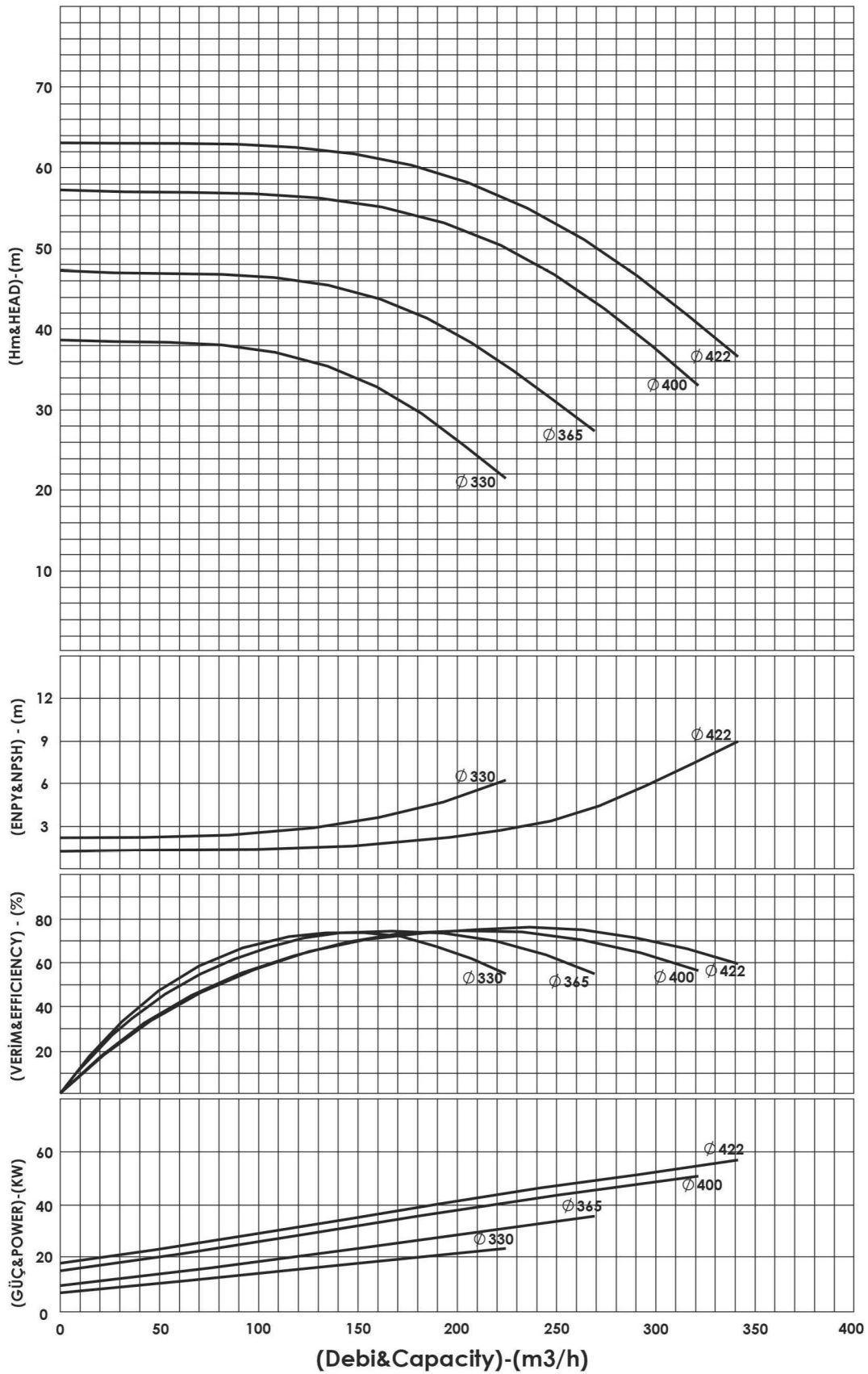
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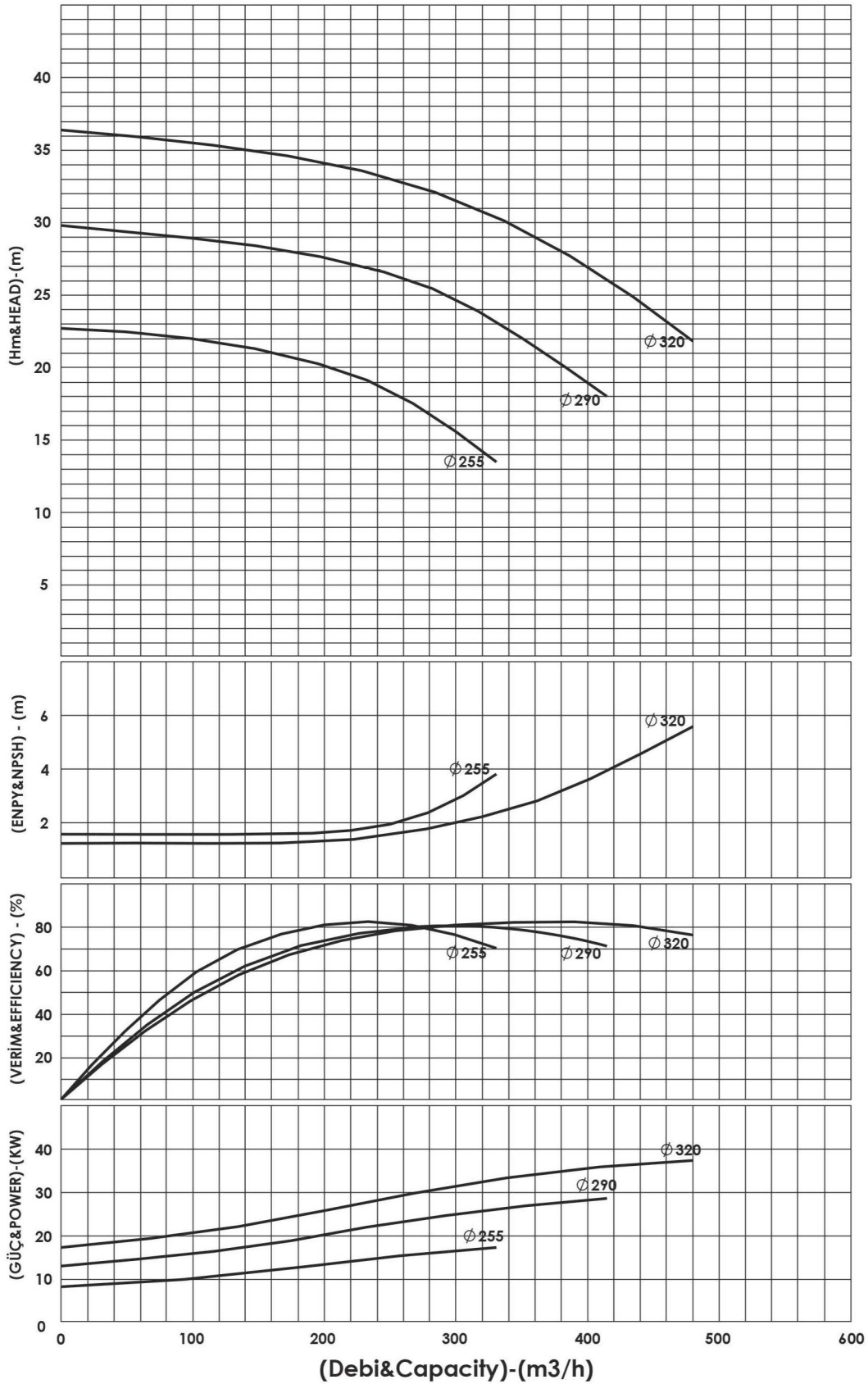
ESCE 100-315 (1500 D/D&RPM)



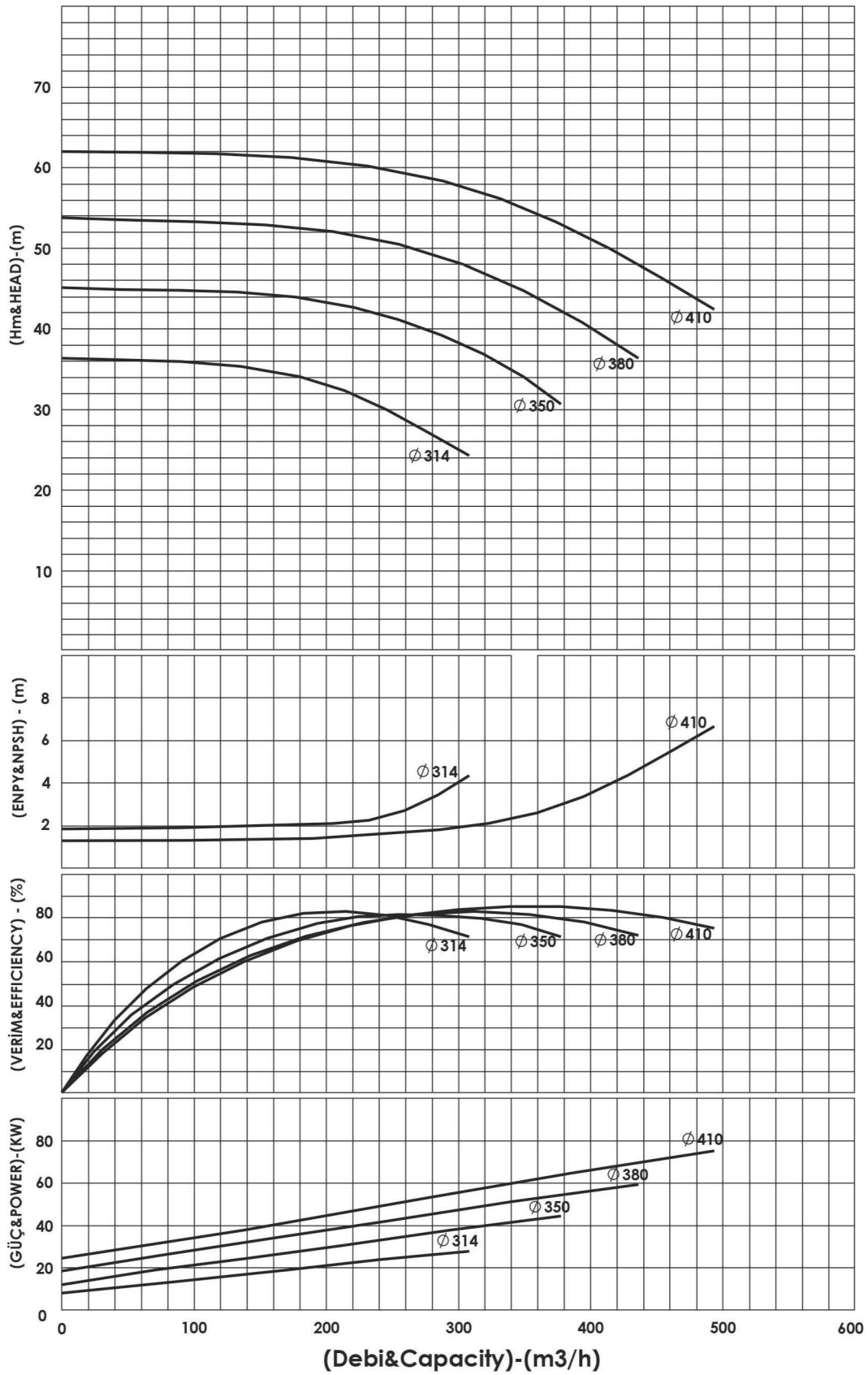
ESCE 100-400 (1500 D/D&RPM)



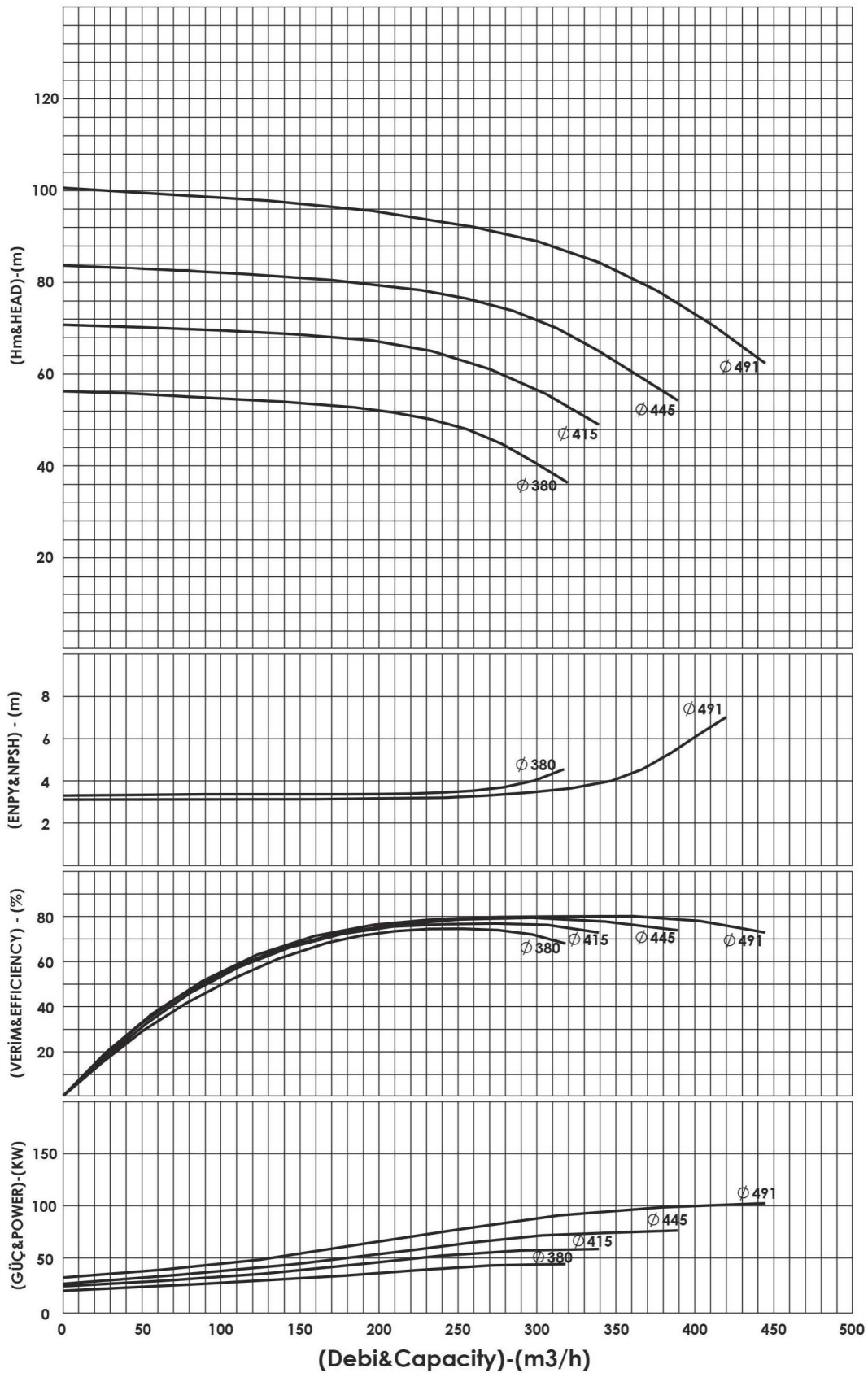
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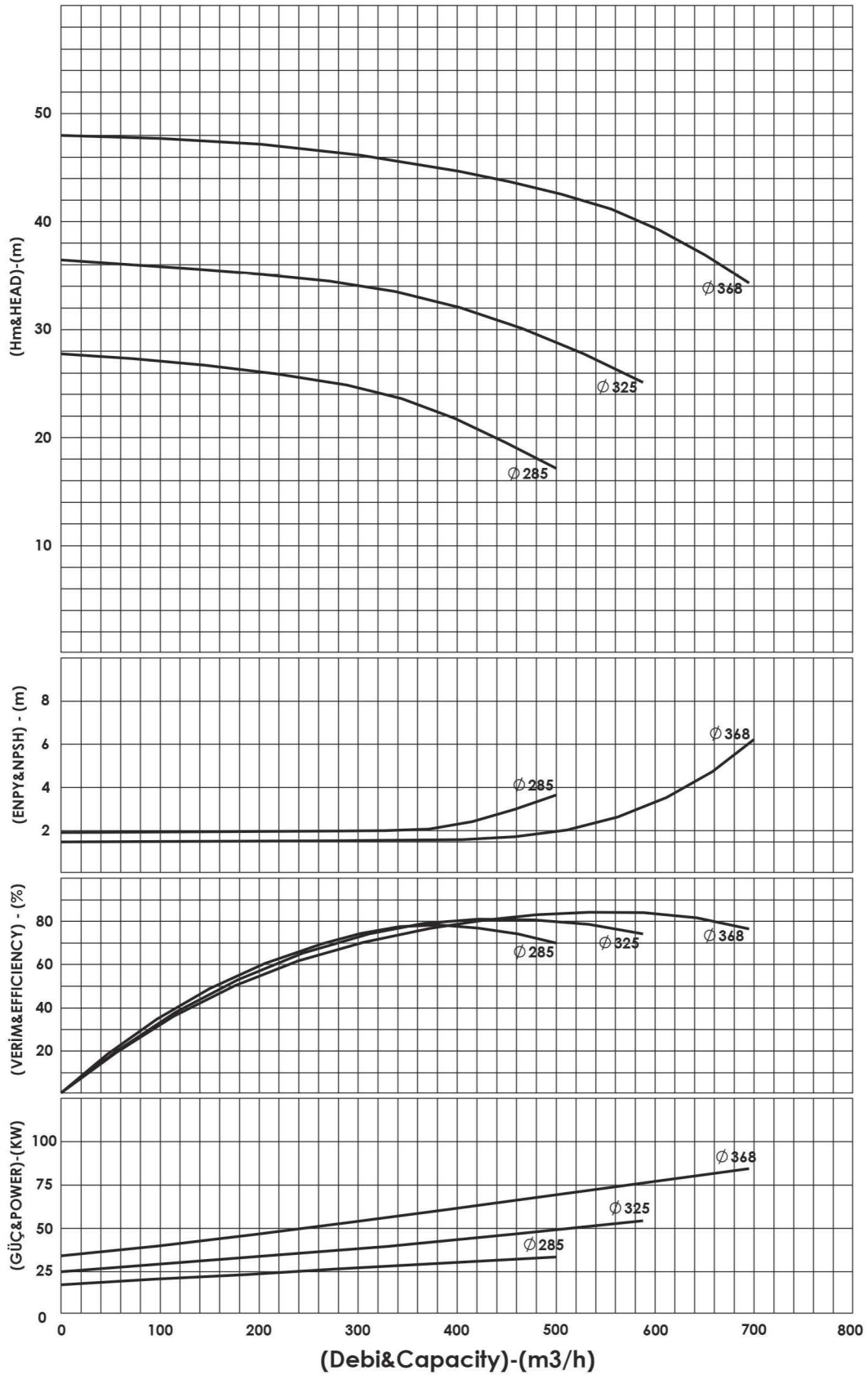
ESCE 125-350 (1500 D/D&RPM)



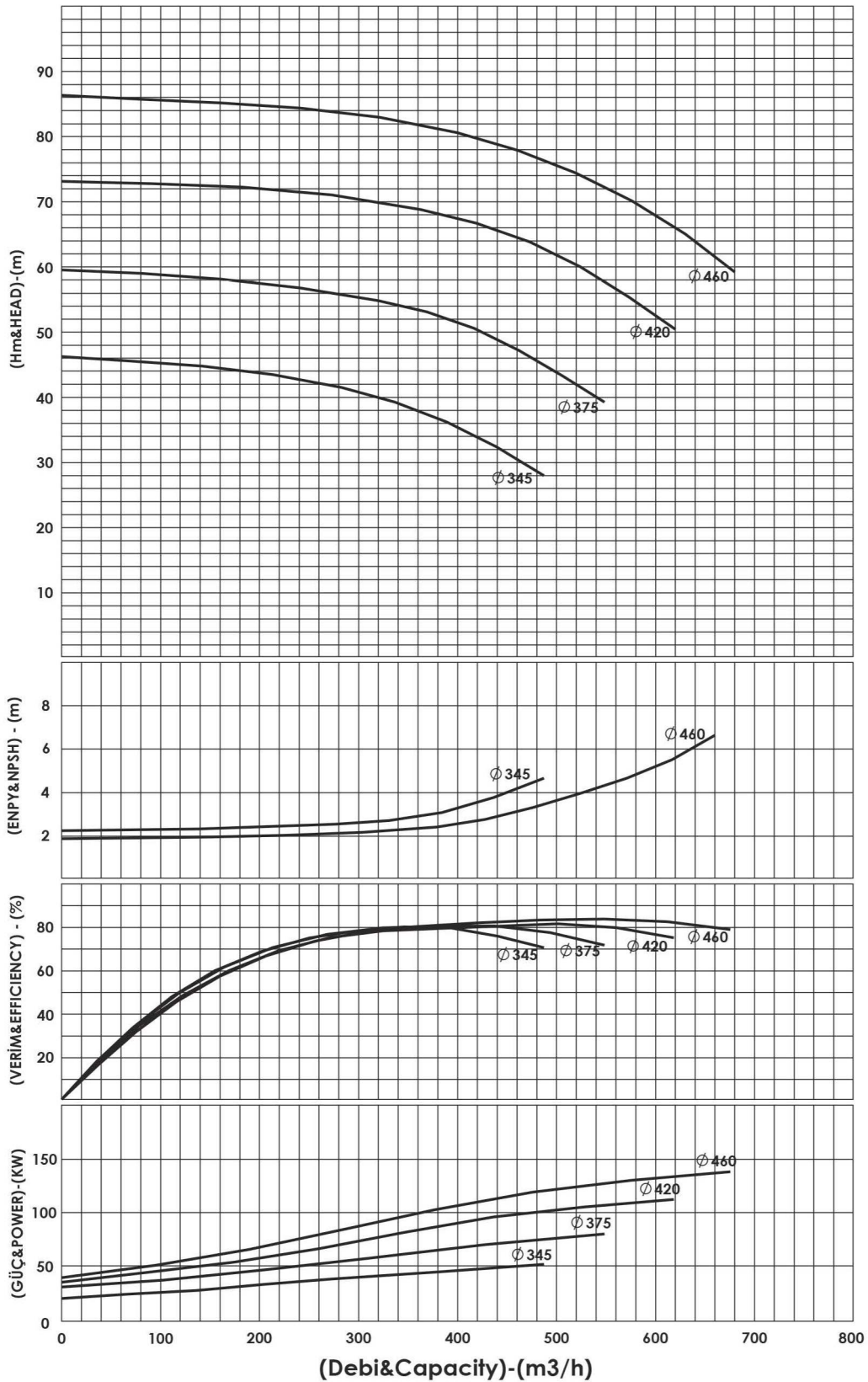
ESCE 125-480 (1500 D/D&RPM)



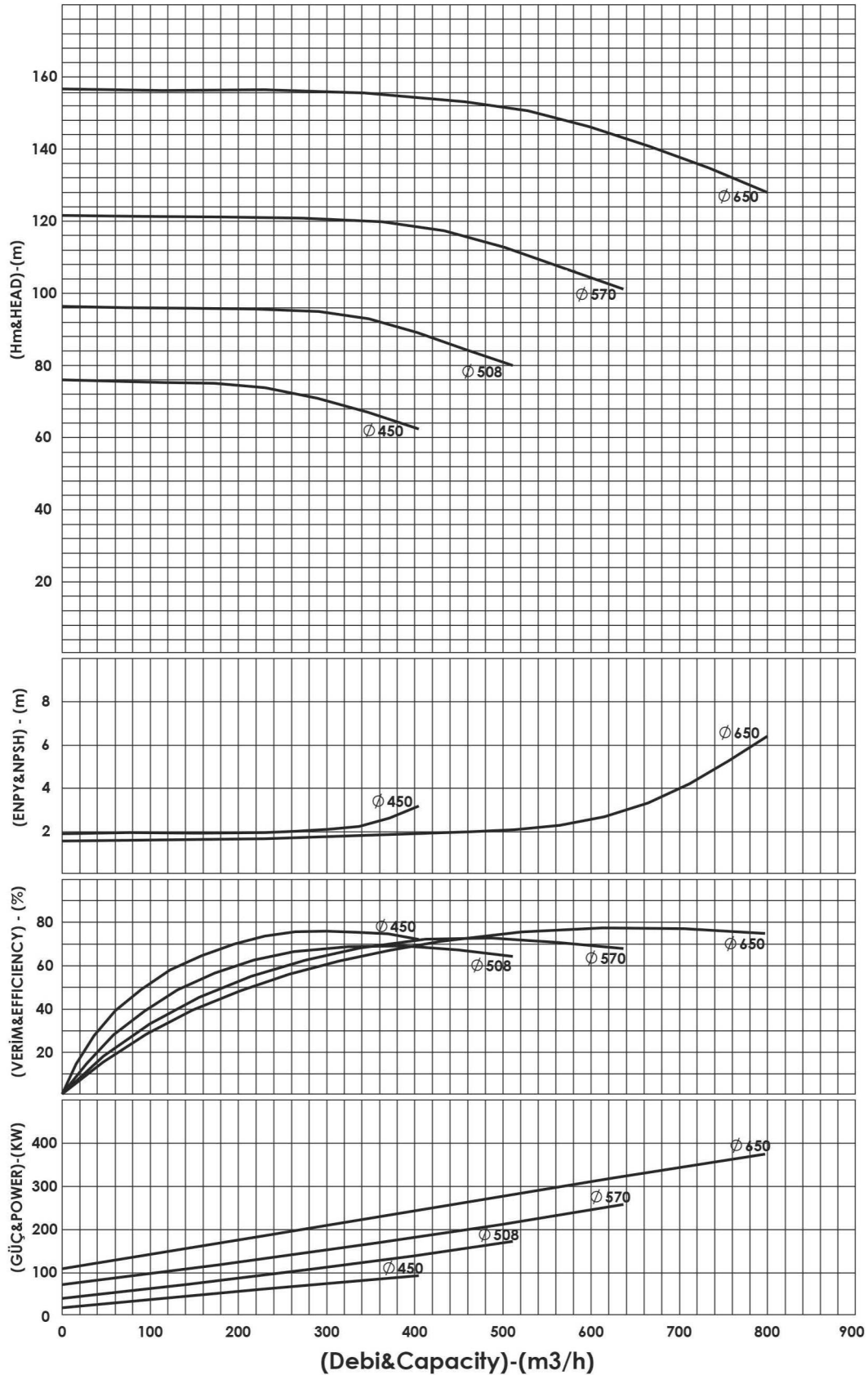
ESCE 150-315 (1500 D/D&RPM)



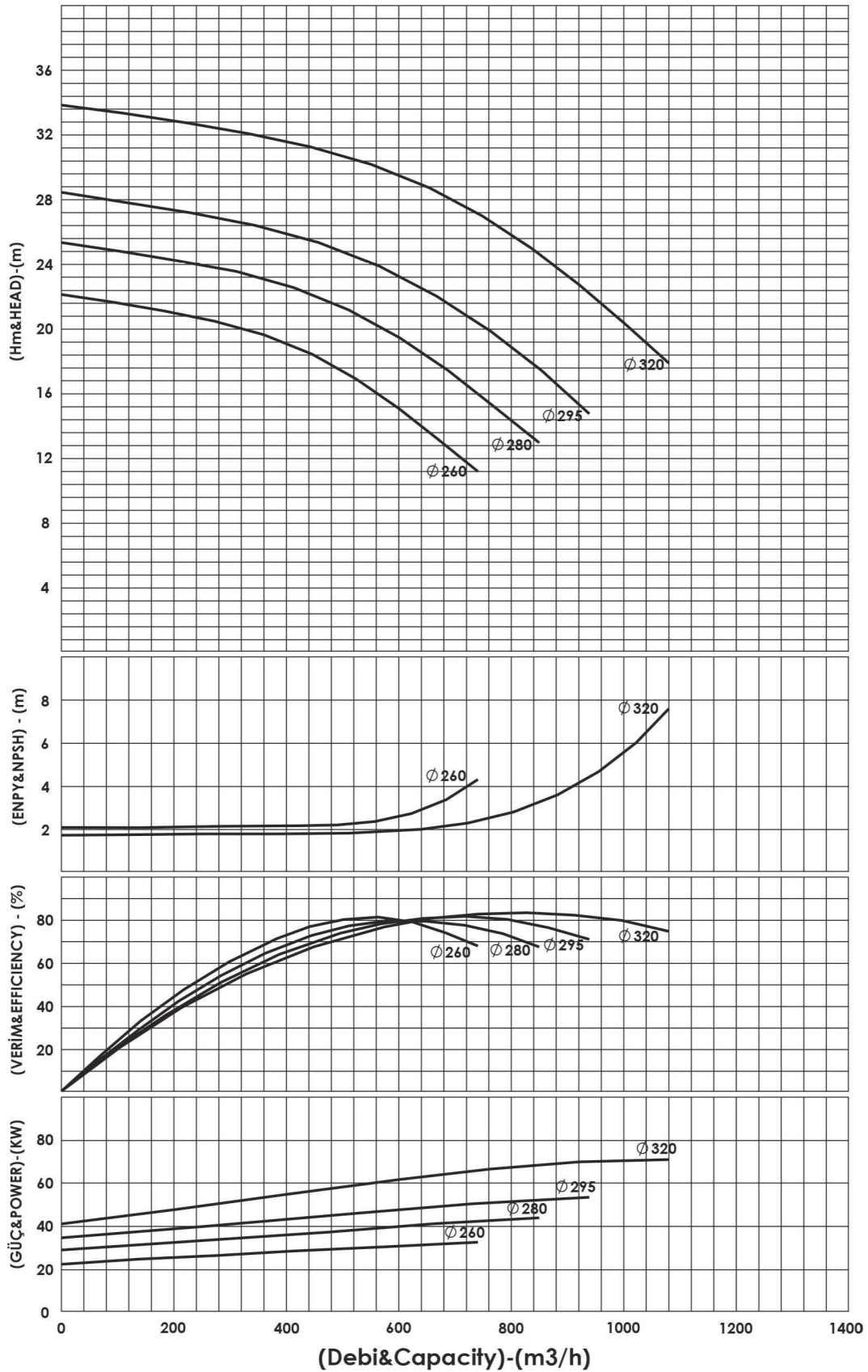
ESCE 150-460 (1500 D/D&RPM)



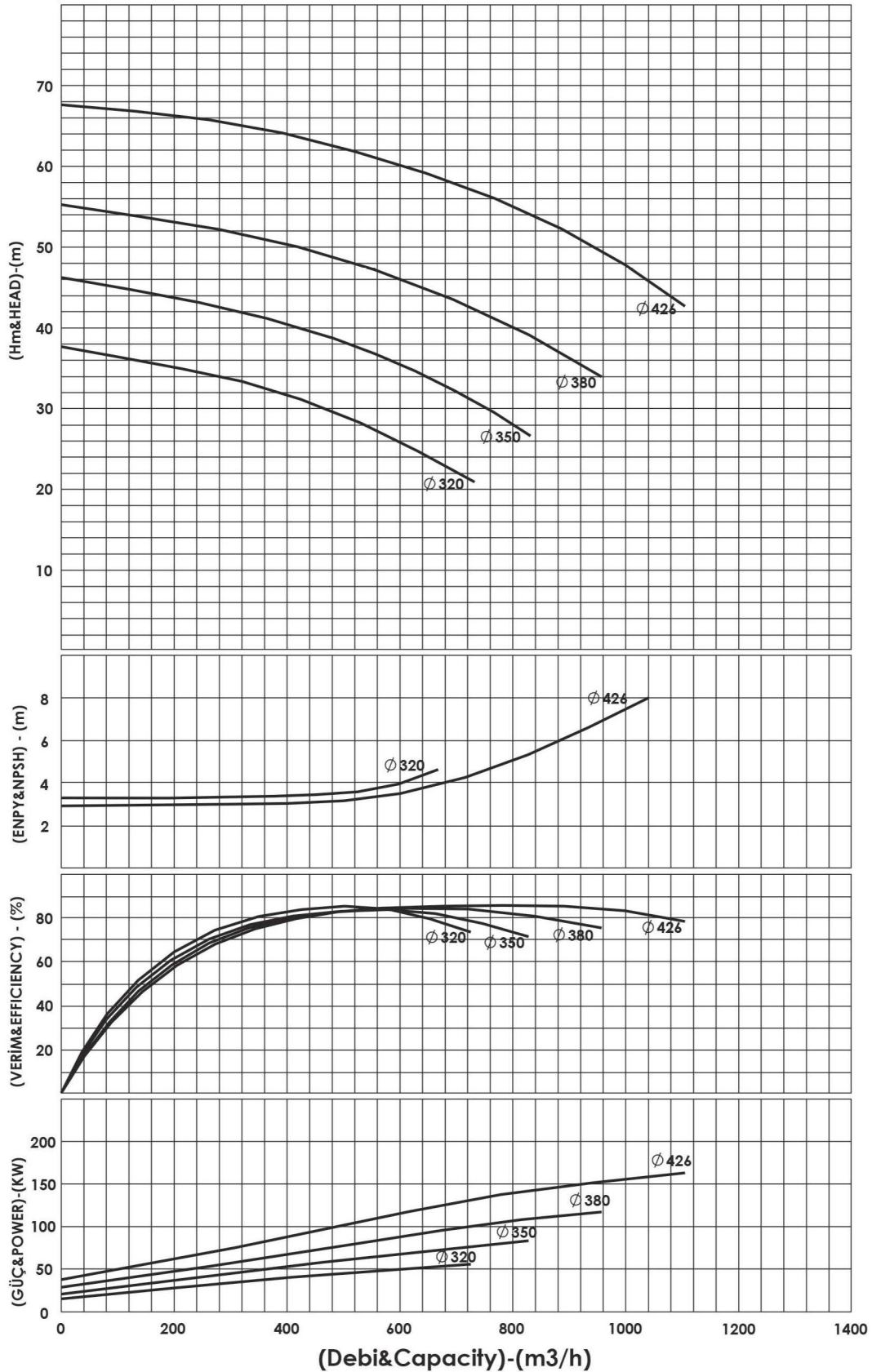
ESCE 150-600 (1500 D/D&RPM)



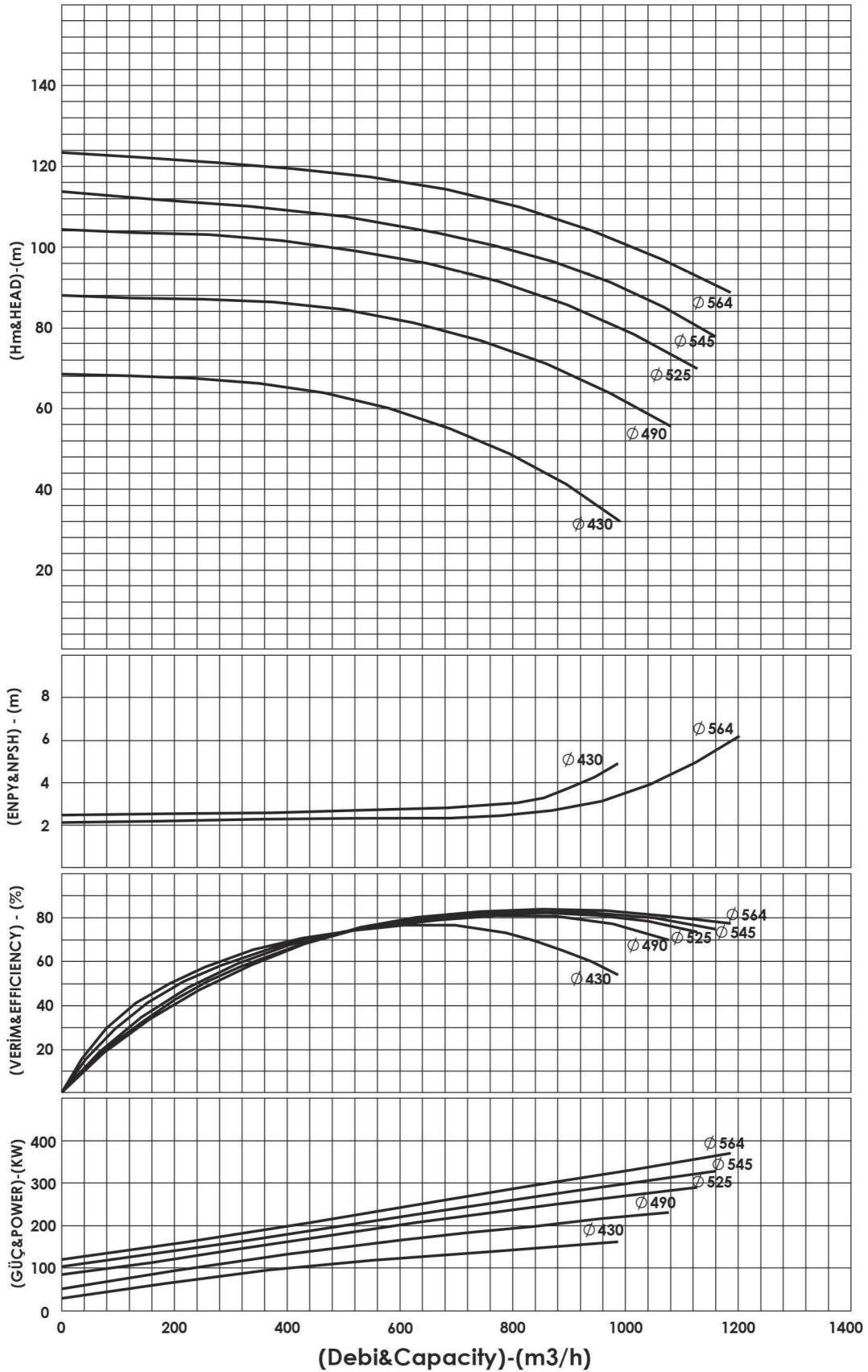
ESCE 200-315 (1500 D/D&RPM)



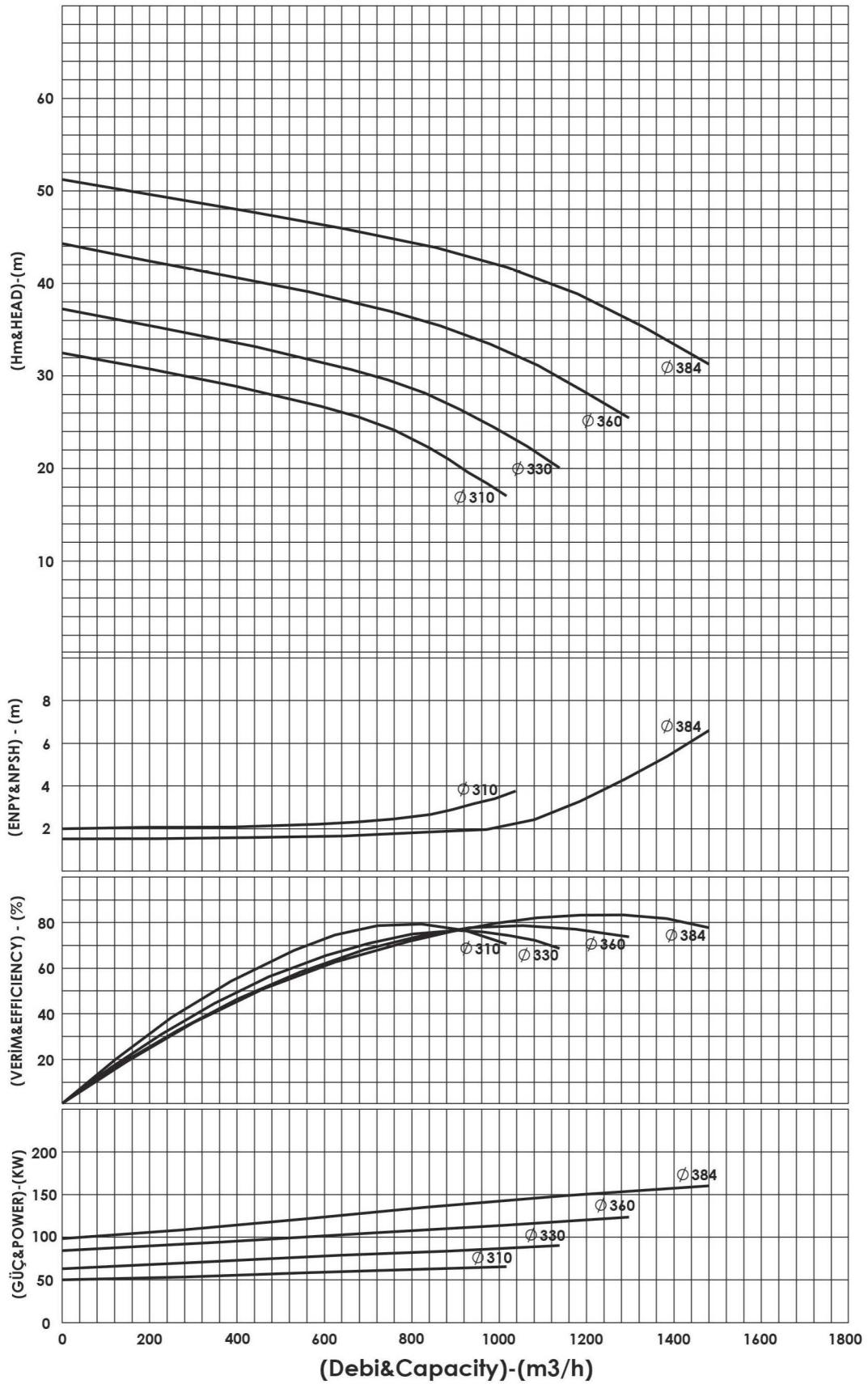
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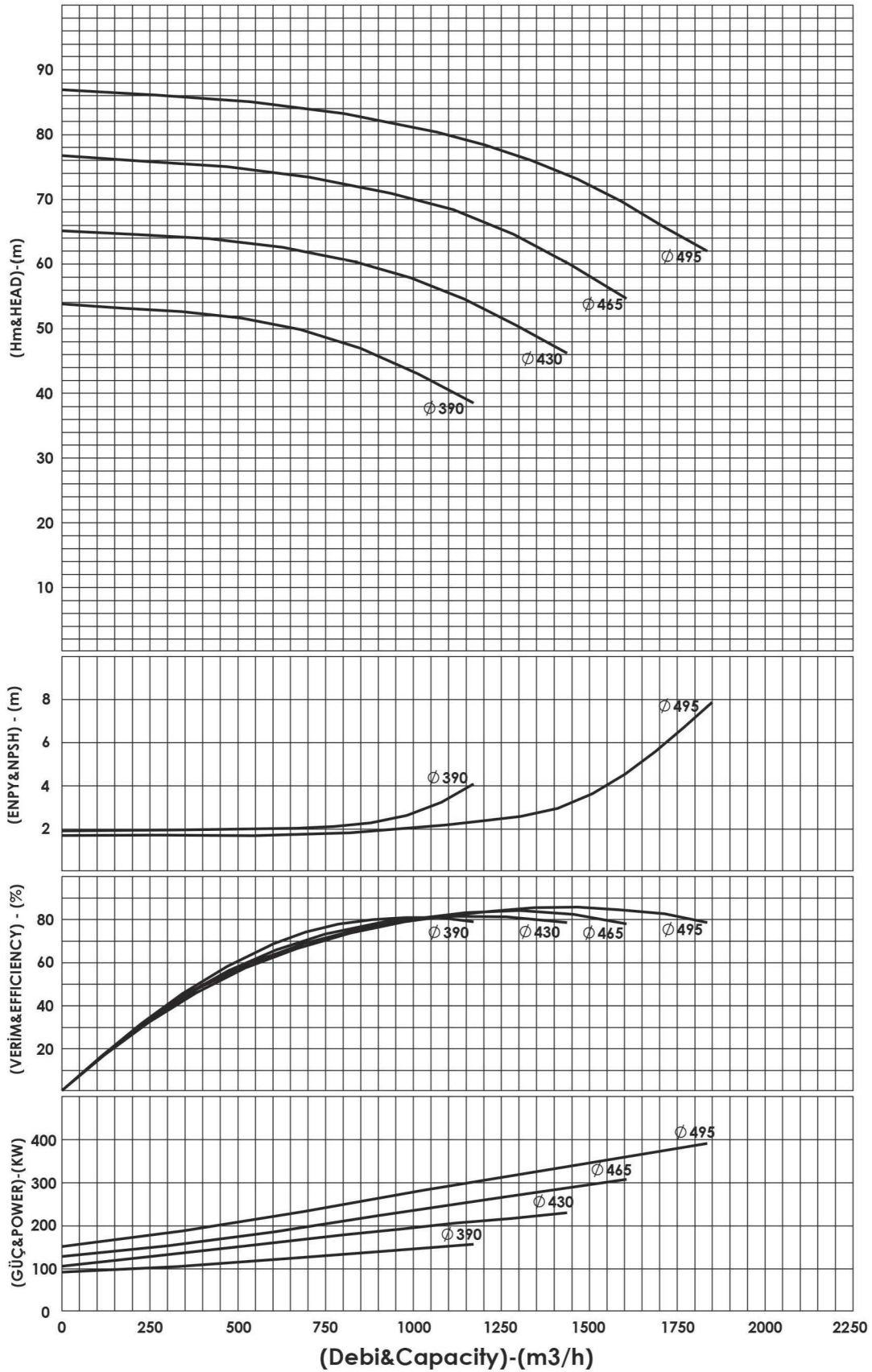
ESCE 200-500 (1500 D/D&RPM)



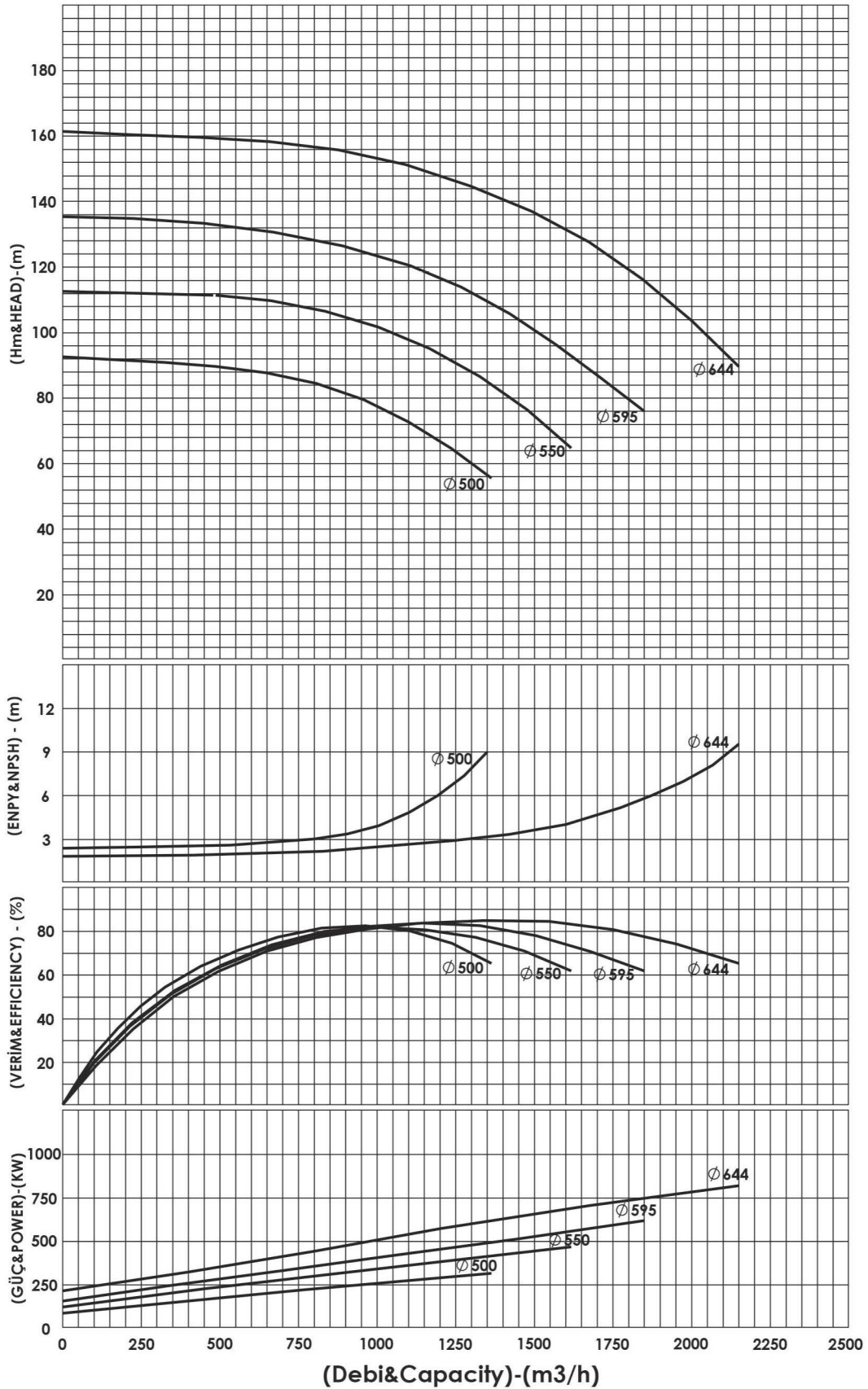
ESCE 250-350 (1500 D/D&RPM)



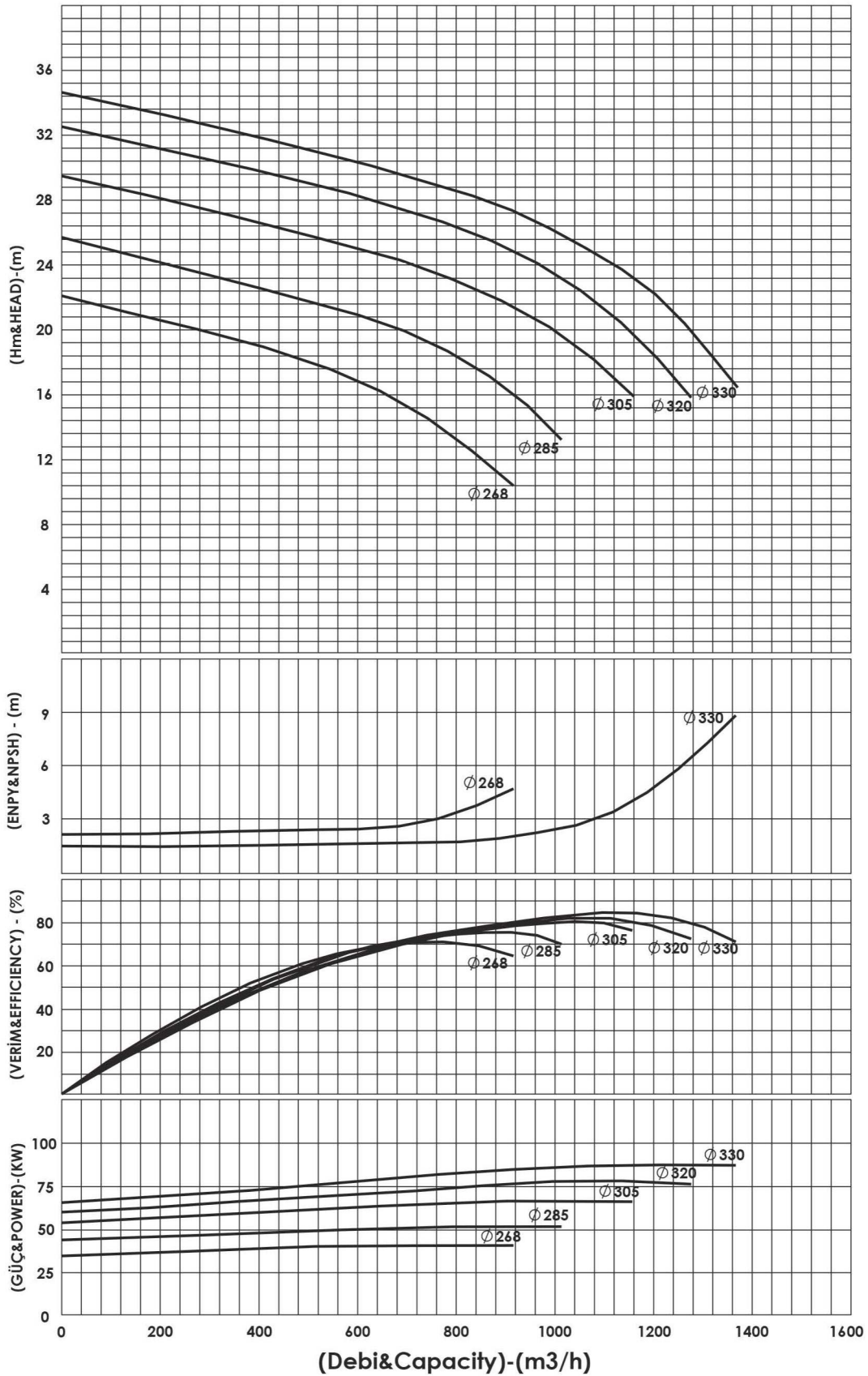
ESCE 250-450 (1500 D/D&RPM)



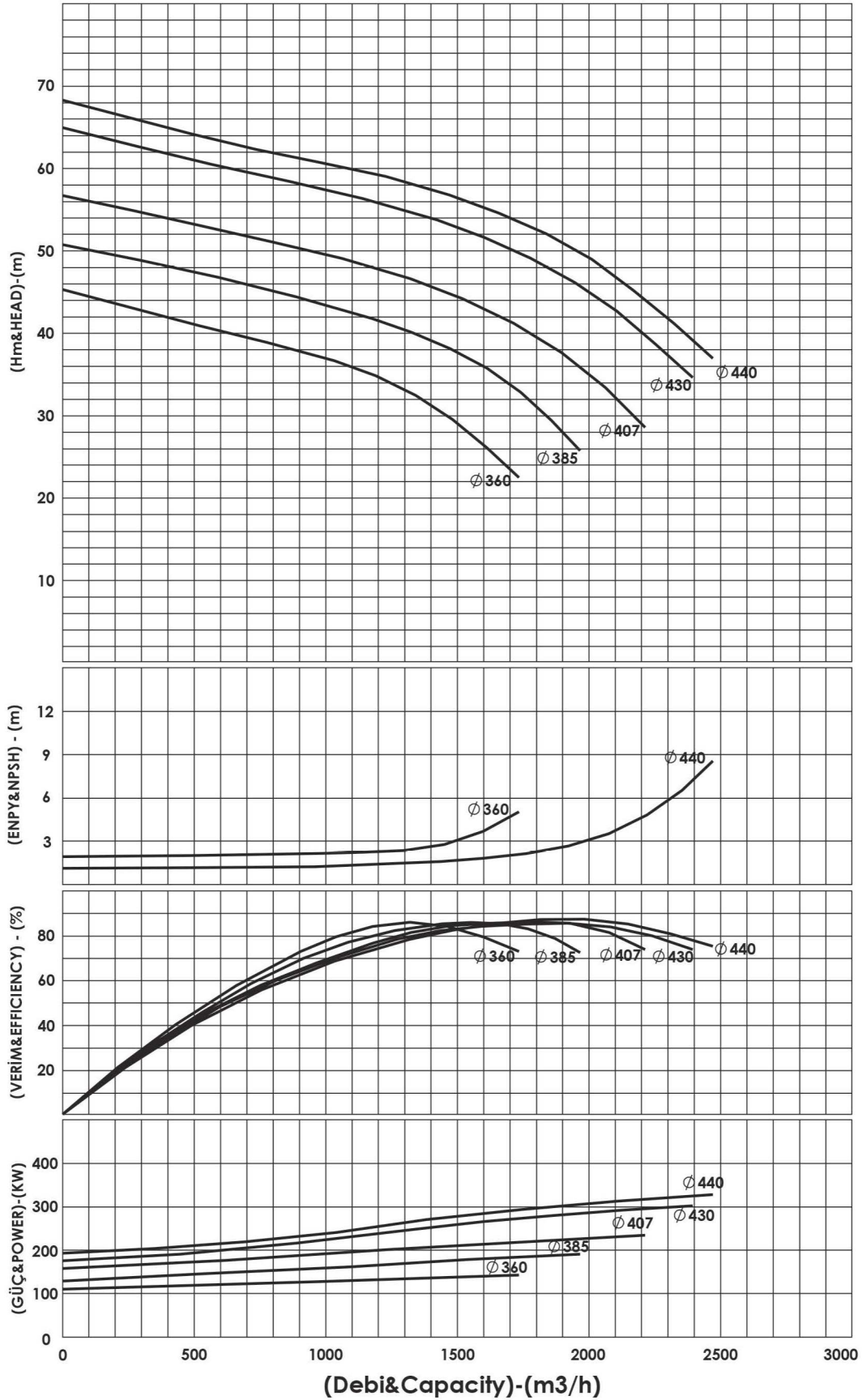
ESCE 250-600 (1500 D/D&RPM)



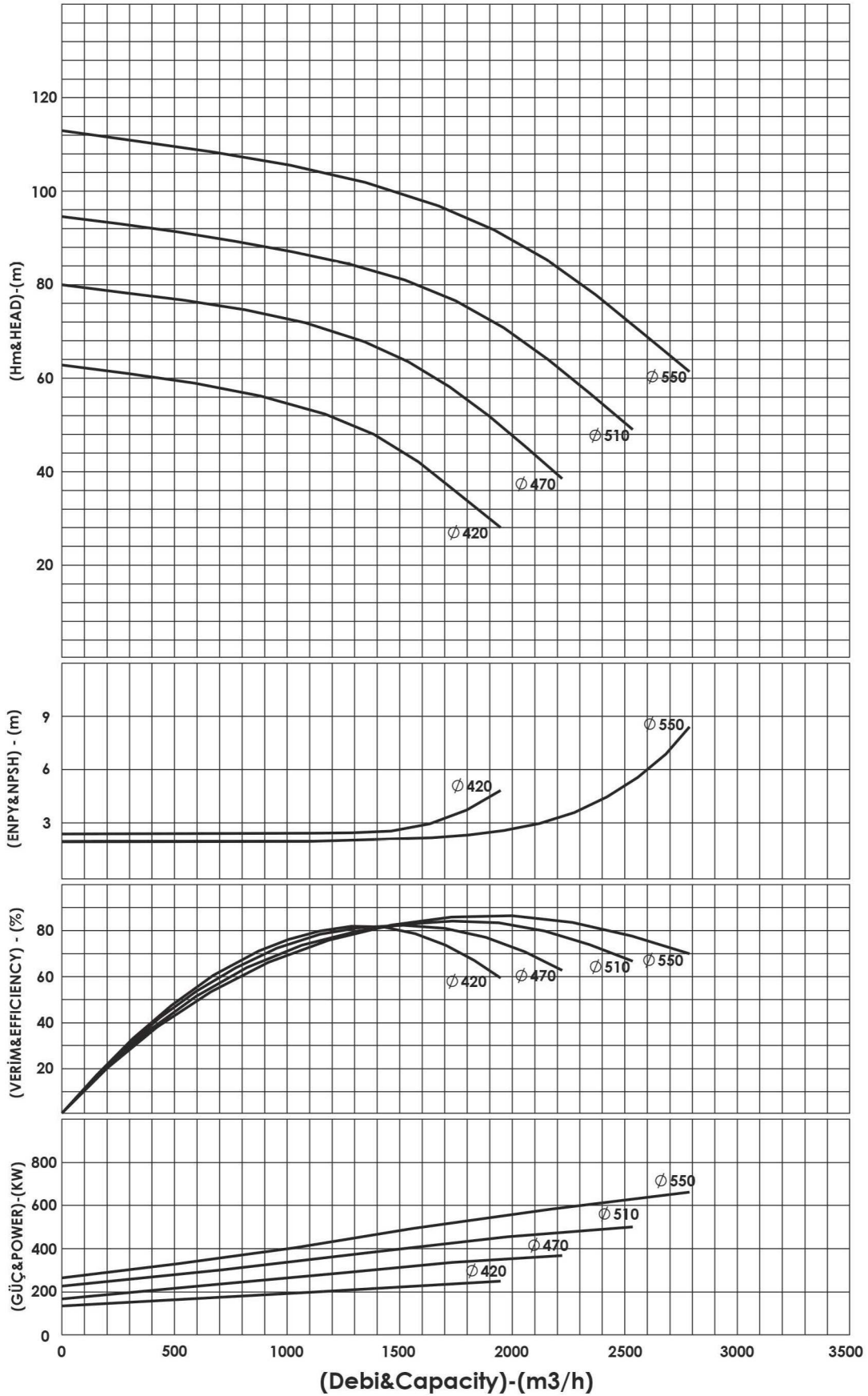
ESCE 300-315 (1500 D/D&RPM)



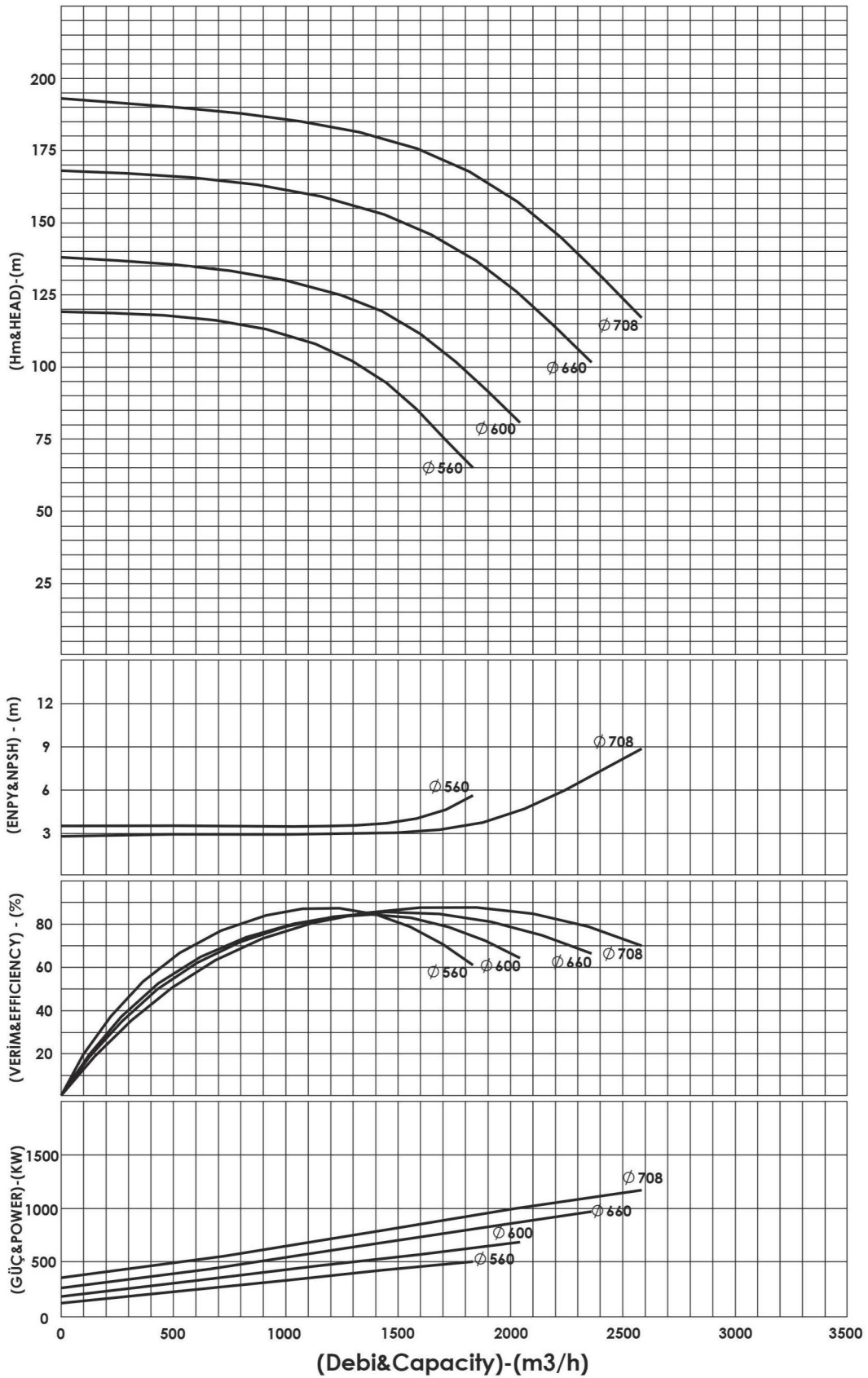
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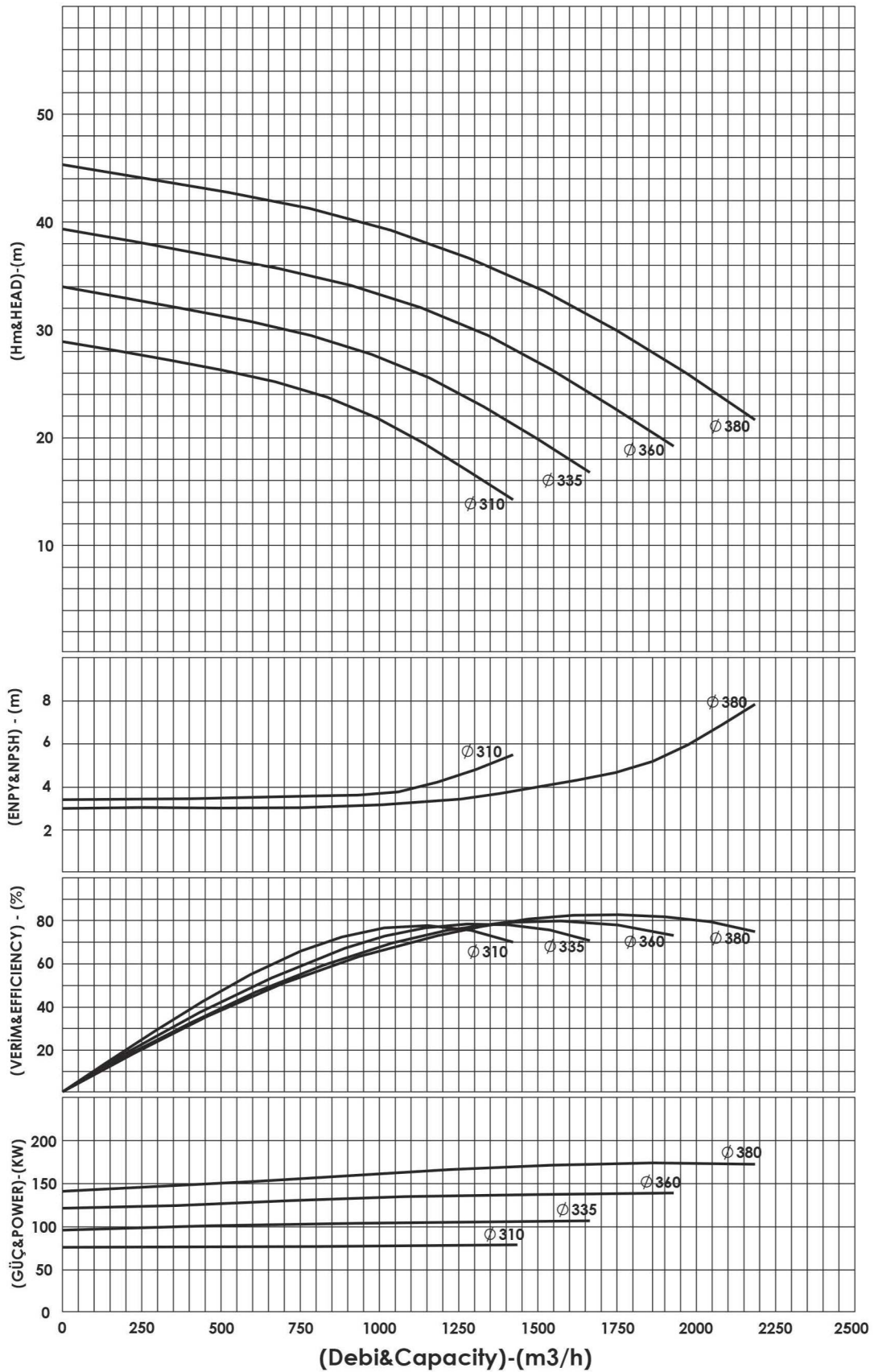
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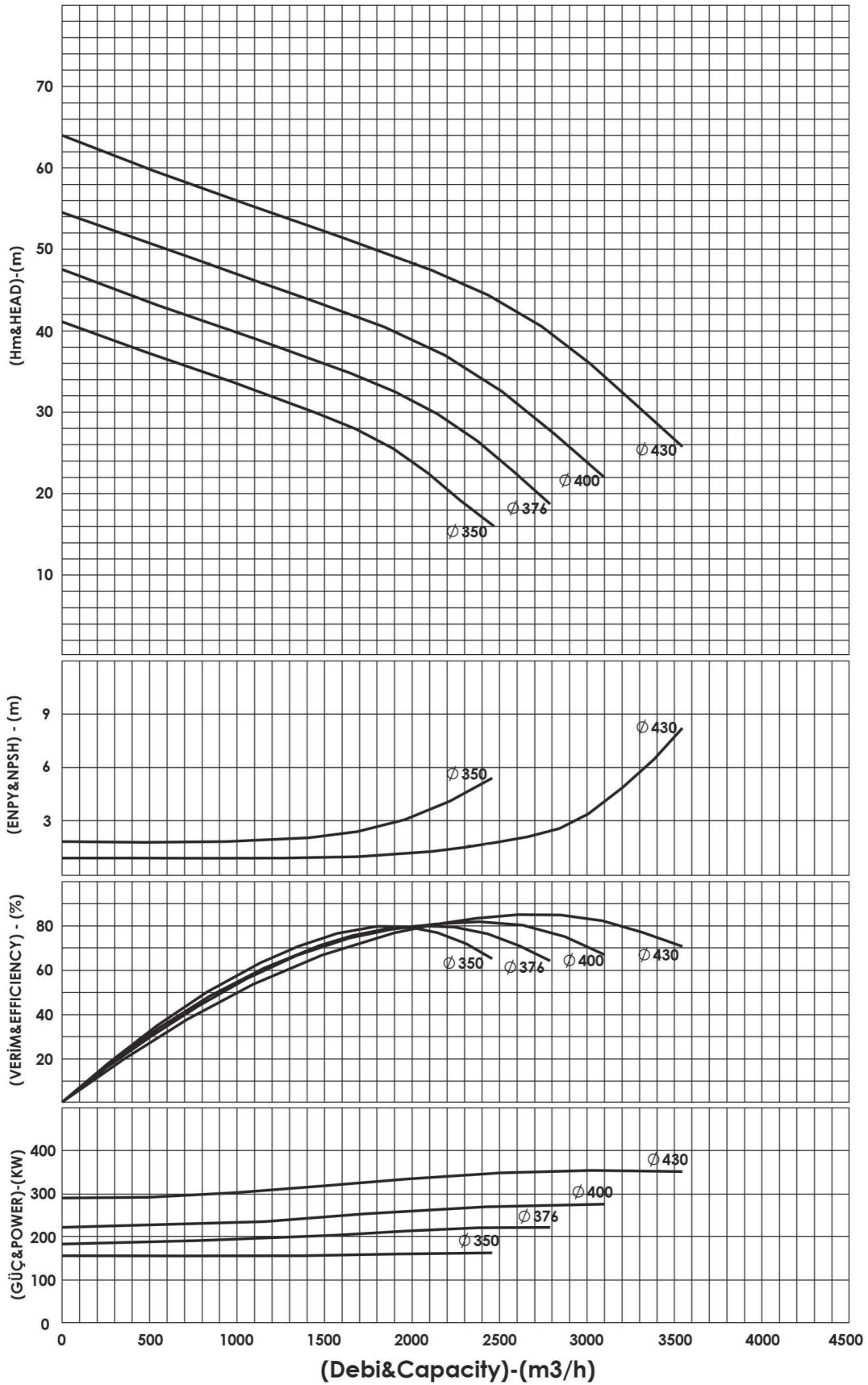
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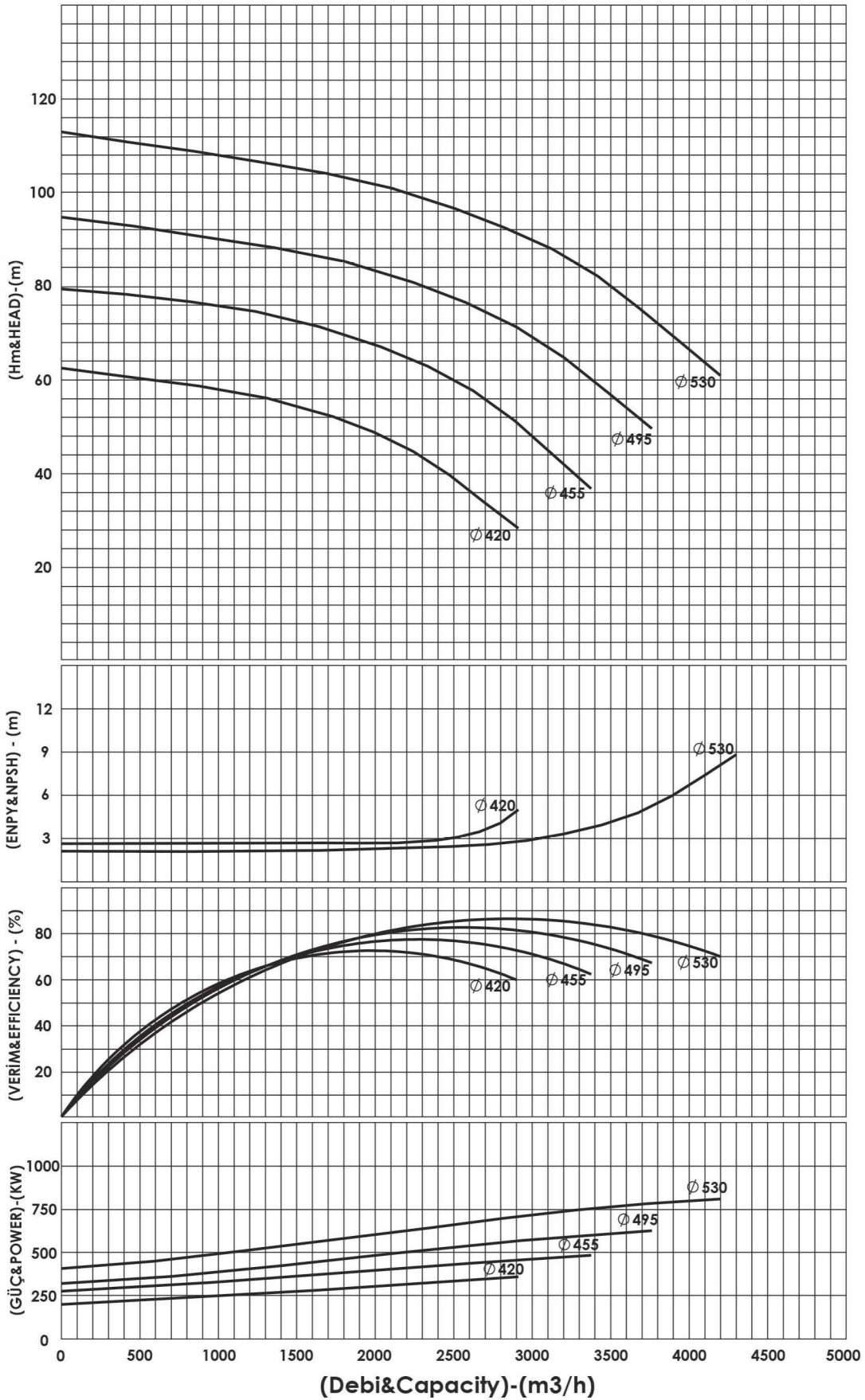
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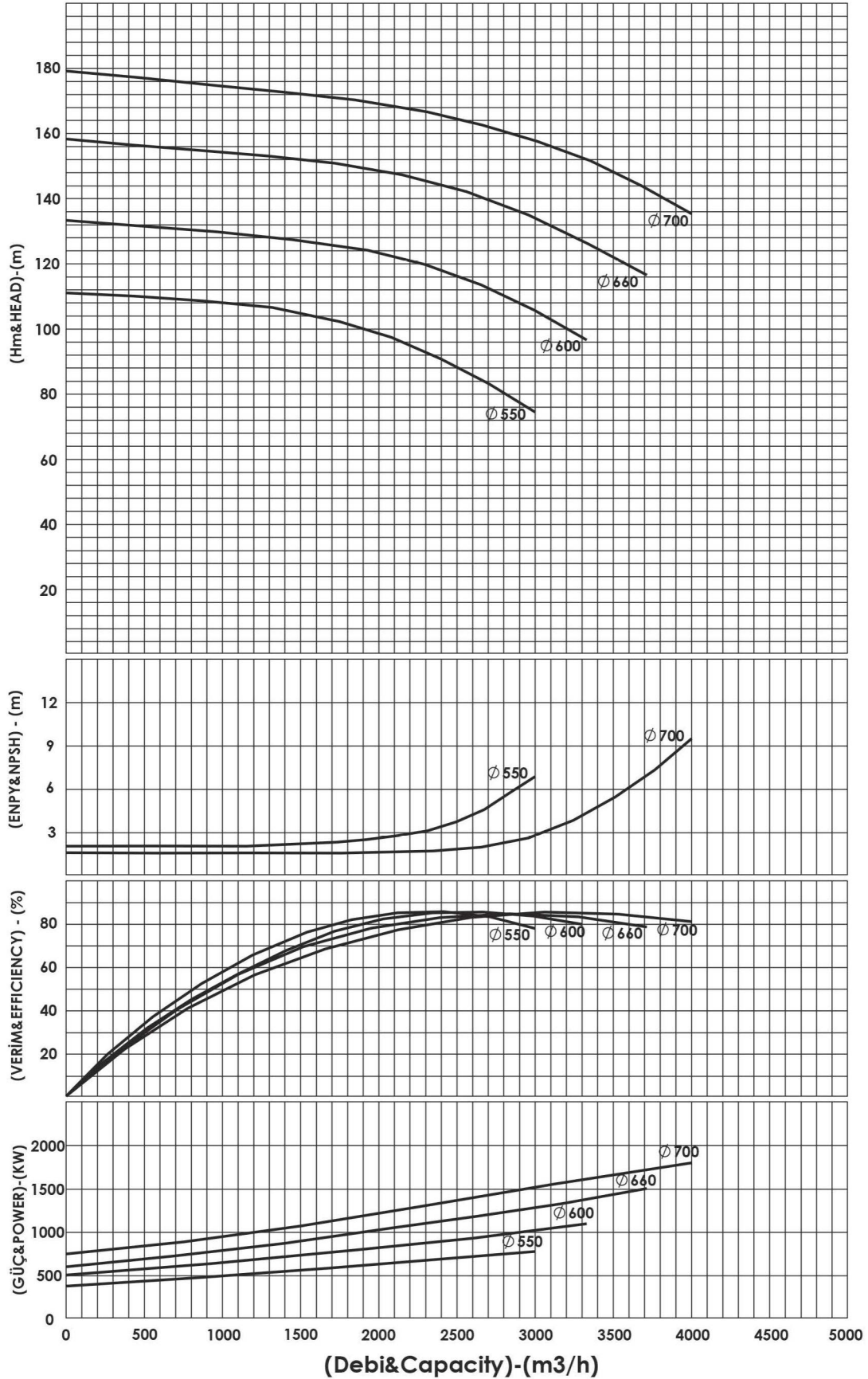
ESCE 350-400 (1500 D/D&RPM)



ESCE 350-500 (1500 D/D&RPM)



ESCE 350-700 (1500 D/D&RPM)



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