



ISO 9001:2008



Submersible Electro Pumps Catalogue



PT. Archimedes Global Pump

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PROLOGUE

ANAVALOS Pumps Manual is a complete compilation of pump information designed to assist pump engineers, process engineers, consulting engineers, and engineering contractors in the application and selection of pumps for industry.

A quick and easy index is provided to serve as a preliminary pump selector. Once a selection has been determined, more comprehensive details can be found by referring to the appropriate section.

In addition, a data section is included as a useful reference for pump fundamental, application, mechanical, motor and hydraulic data, and conversion factors.

Προσοχή:

Η εταιρία μας διατηρεί το δικαίωμα αλλαγής των χαρακτηριστικών των μοτέρ και των αντλιών με την έννοια τεχνικής ανάπτυξης και εξέλιξης αυτών, χωρίς προειδοποίηση.

Attention:

Our company retains the power to change the specifications of motors and pumps without notice, for their development and evolution.


ΠΕΡΙΕΧΟΜΕΝΑ

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Certification

Awarded to

ANAVALOS PUMPS
FLINOS BROS - K. MARINAKIS S.A.
7th Klm, Argos-Korinthos, Argos
GREECE

Bureau Veritas Certification certify that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standards detailed below

Standards

ISO 9001:2000

Scope of supply

DESIGN AND MANUFACTURING OF WATER PUMPS.

Original Approval Date: **21 April, 2005**

Subject to the continued satisfactory operation of the organisation's Management System, this certificate is valid until: **19 April, 2011**

To check this certificate validity please call + 30 210 4063 000

Further clarifications regarding the scope of this certificate and the applicability of the management system requirements may be obtained by consulting the organisation.

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Date: **24 April, 2008**

Certificate Number: **231030**



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INTRODUCTION

SUBMERSIBLE PUMPS

Submersible pumps ANAVALOS is the result of many years research and field experience with high quality and reliability giving always the best solution for ordinary or complicated and special conditions. The design and the up - today manufacturing process with high-tech machinery guarantee reliability and long life for ANAVALOS submersible pumps. They are offered in a wide range of sizes and capacities also are offered in special executions– on request –for sea water, mineral or aggressive water and various liquids.

SUBMERSIBLE MOTORS

The submersible motors used with ANAVALOS submersible pumps are made by factories well known all over the world. They are water cooled and are offered in powers up to 400 H.P.and from 4'' to 12'' diameter.

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RADIAL PUMPS

They are pumps with high pressure features because they can reach high number of stages due to their small dimensions. The stages are made of thermoplastic resin metall plated inside or cast iron. The impellers are made of thermoplastic resin or bronze according to the type of pump and are fastened on the shaft with keys. The shaft is made of stainless steel and is supported in suction and delivery ends by chrome plated bushings and is protected by the prolonged hubs of the impellers. For pumps with high number of stages has been arranged the addition of intermediate supports with bushing for better supporting of the shaft. All pumps are equipped with check valve.

MIXED FLOW PUMPS

They are pumps with a wide range of sizes that's why they are offered for the most pumpign cases. The stages are made of cast iron bowls. The impellers are made of cast iron or bronze according to the type of pump and are fastened on the shaft with cone rings. The shaft is made of chromed steel or stainless steel and is supported on each stage by rubber bushings .All pumps are equipped with check valve.

SUBMERSIBLE MOTORS

They are asynchronous three phase with water cooled rewindable or caned type winding and are filled with water and non toxic anti-freeze liquid used also for lubrication of rotor shaft bushings and carry off the heat from inside to outside of the motor. The axial thrust developed by the pump is absorbed by an overdimensioned heavy thrust bearing with anti-wear tilting pads .A rubber diaphragm at the bottom of the motor compensates the pressure variations of the cooling water as it heats up during operation of the motor.

OPERATION LIMITS AND TOLERANCES

SUBMERSIBLE PUMPS

- a) Pumped liquids: Clean water non aggressive chemically or mechanically.
- b) Max. content of suspended solids in the water : 40gr/m³
- c) Max. time of operation with gate valve closed and the pump immersed in water : 3min
- d) Avoid running the pumps at any performance range other than those given on the relative data tables and curves.
- e) Hydraulic characteristics have been calculated under the following conditions: power supply 400V, water without air at temperature 15 °C, at atmospheric pressure 1bar and they are guaranteed for mass production pumps according to ISO 9906 Grade 2. The above characteristics concern pumping liquids with a density of 1kg/dm³ and kinematic viscosity of not more than 1mm²/s. The check valve loading losses are not included in this catalogue.

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SUBMERSIBLE MOTORS

6'' - 8'' - 10'' - 12'' REWINDABLE

Max water temperature : 30 ° C

Max.Num.at startings per hour :

6'' 15

8'' 10

10'' 8

12'' 5

Min.cooling water velocity along the motor :

6''

4 kW – 18,5 kW 5,5HP-25HP 20cm/s

22 kW – 37 kW 30HP-50HP 50cm/s

8''

30 kW – 56 kW 40HP-75HP 20cm/s

60 kW – 93 kW 80HP-125HP 50cm/s

10''

85 kW – 180 kW 115HP-250HP 15cm/s

12''

150 kW – 300 kW 200HP-400HP 15cm/s

Max.ambient temp. without cooling flow :

6''

4 kW – 18,5 kW 5,5HP-25HP 15 ° C

22 kW 30HP 10 ° C

More than 22 kW, 30HP : not allowed

8''

30 kW 40HP 25 ° C

37 kW – 56 kW 50HP-75HP 20 ° C

85 kW – 93 kW 115HP-125HP 20° C

10'' - 12''

20°C

Tolerance voltage :400V +6% -10%

Installation : At any inclined position in vertical to horizontal.For any installation except of vertical please contact our technical department.

4'' - 6'' - 8'' CANED TYPE

Max.water temperature: 30°C

Max.num. of starting per hour : 20

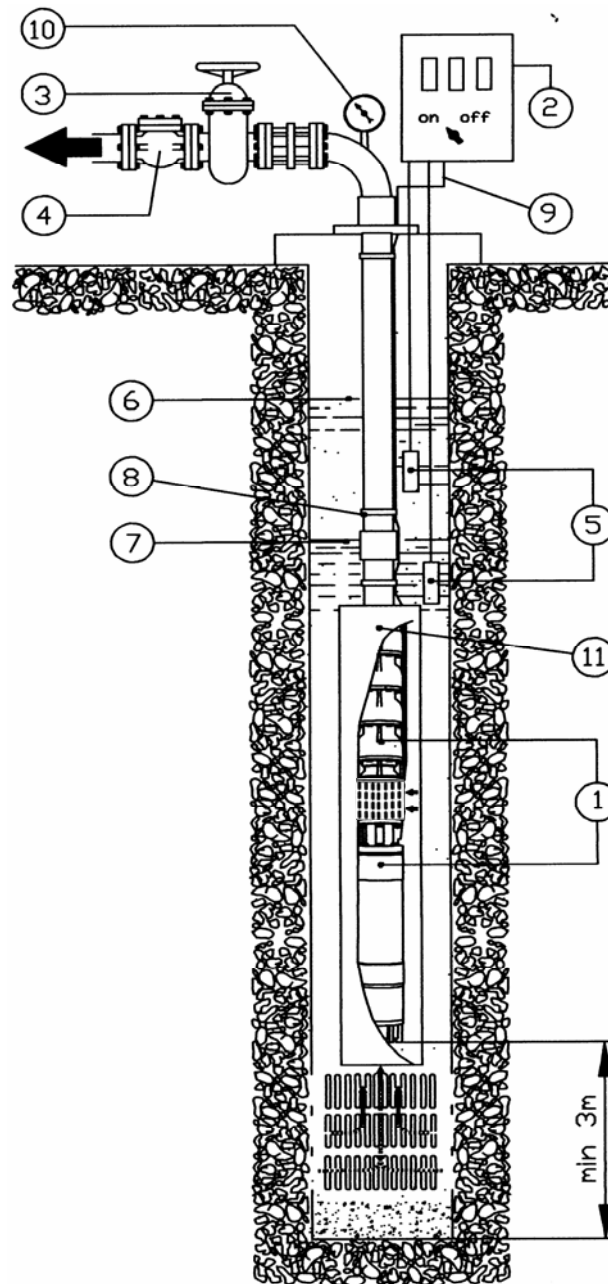
Minimum cooling water velocity along the motor : 16cm/s

Tolerance of voltage:400V +6% -10%

Installation : At any inclined position in vertical to horizontal.For any installation except of vertical please contact our technical department.

INSTALLATION

Typical vertical installation diagram of submersible unit
with cooling sleeve



1. Motor - Pump
2. Electric control panel
3. Gate valve
4. Non-return valve
5. Level control detectors
6. Static level
7. Dynamic level
8. Cable clips
9. Power supply cables
10. Pressure gauge
11. Cooling sleeve

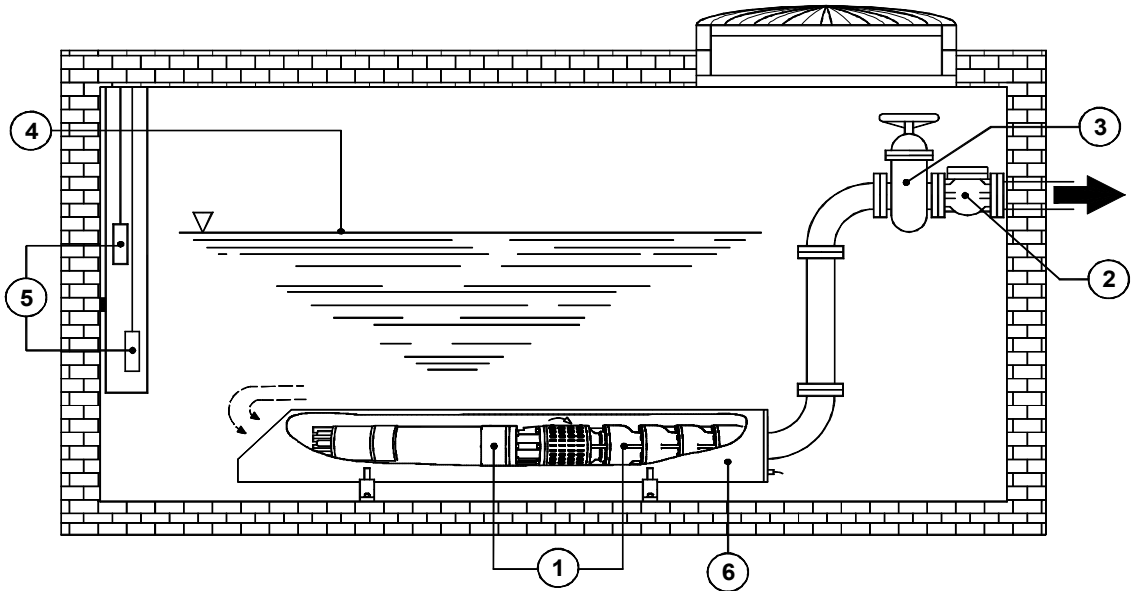
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INSTALLATION

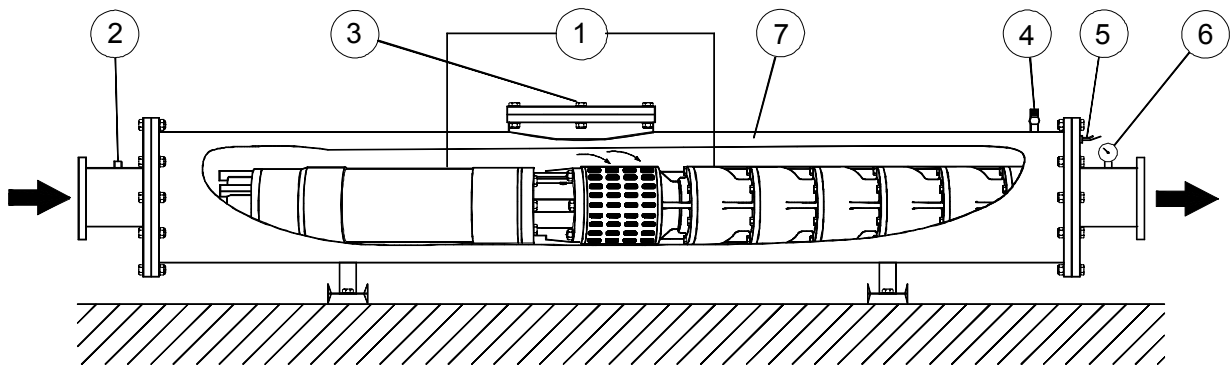
Typical horizontal installation diagram of submersible unit

With cooling sleeve



1. Motor - Pump
2. Non-return valve
3. Gate valve
4. Water level
5. Level control detectors
6. Cooling sleeve

With closed sleeve(BOOSTER)

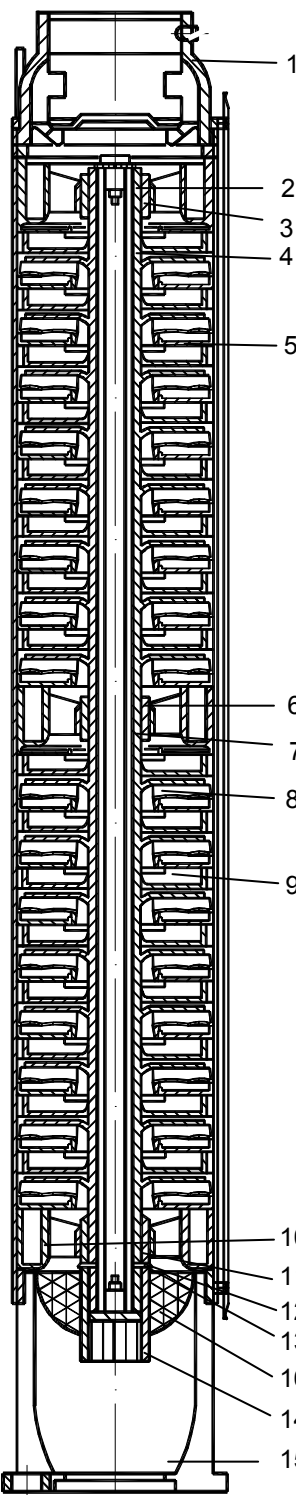


1. Motor - Pump
2. Water flow sensor
3. Motor cooling water level control gate.
4. Breather
5. Seal
6. Pressure gauge
7. Closed sleeve (Booster)

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RADIAL SUBMERSIBLE ELECTROPUMP
 PUMP DESCRIPTION AND MATERIALS

Sectional view	α/α	Description	Material
	1.	Discharge sleeve	Cast iron niresist
	2.	Bearing sleeve	Stainless steel
	3.	Delivery casing	Thermoplastic resine
	4.	Spacer sleeve	Thermoplastic resine
	5*.	Disc	Thermoplastic resine
	6*.	Intermediate bearing	Thermoplastic resine
	7*.	Bearing sleeve	Stainless steel
	8.	Impeller	Thermoplastic resine
	9.	Diffuser	Thermoplastic resine
	10.	Lower support	Thermoplastic resine
	11.	Bearing sleeve	Stainless steel
	12.	Thrust bearing	Rulon
	13.	Thrust bearing	Stainless steel
	14.	Coupling	Stainless steel
	15.	Suction casing	Nickel cast iron
	16.	Strainer	Stainless steel

Manufactured for

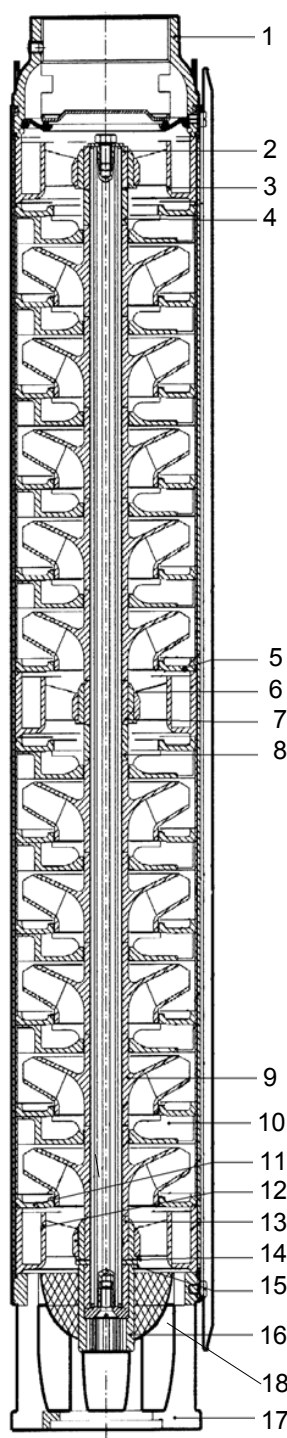


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MIXED FLOW SUBMERSIBLE ELECTROPUMP
PUMP DESCRIPTION AND MATERIALS

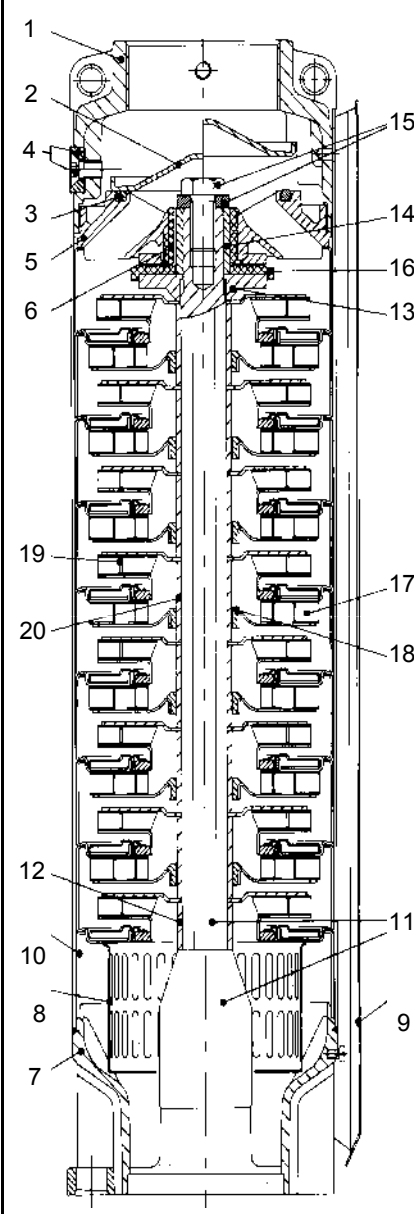
Sectional view	α/α	Description	Material
	1.	Discharge sleeve	Cast iron niresist
	2.	Bearing sleeve	Stainless steel
	3.	Delivery casing	Thermoplastic resine
	4.	Spacer sleeve	Thermoplastic resine
	5*.	Disc	Thermoplastic resine
	6*.	Intermediate bearing	Thermoplastic resine
	7*.	Bearing sleeve	Chromium
	8*.	Spacer sleeve	Thermoplastic resine
	9.	Impeller	Thermoplastic resine
	10.	Diffuser	Thermoplastic resine
	11.	Disc	Thermoplastic resine
	12.	Lower support	Thermoplastic resine
	13.	Bearing sleeve	Stainless steel
	14.	Thrust bearing	Rulon
	15.	Thrust bearing	Stainless steel
	16.	Coupling	Stainless steel
	17.	Suction casing	Nickel cast iron
	18.	Strainer	Stainless steel

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STAINLESS STEEL RADIAL SUBMERSIBLE ELECTROPUMP
PUMP DESCRIPTION AND MATERIALS

613,618,
627

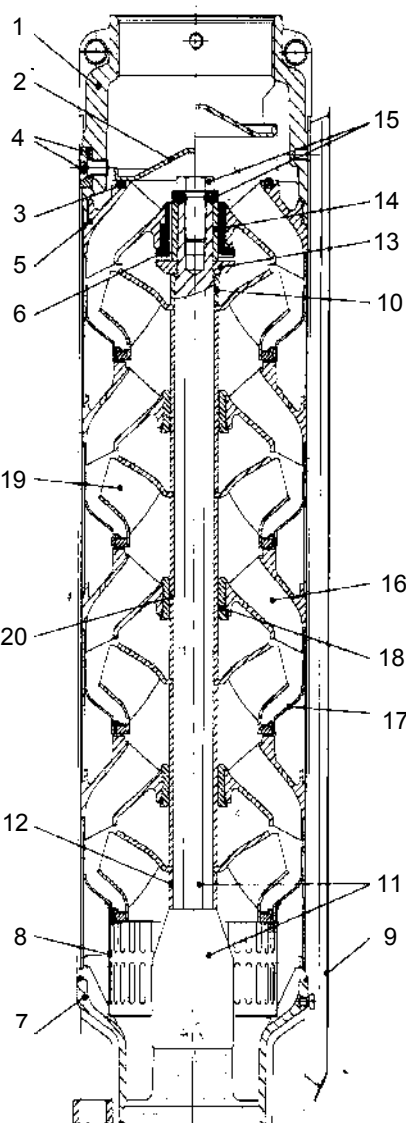
Sectional view	a/a	Description	Material
	1.	Discharge head	Stainless steel
	2.	Valve	Stainless steel
	3.	O-Ring	Nitrile rubber
	4.	Screws&inserts locking outer case	Stainless steel
	5.	Upper bowl	Stainless steel
	6.	Upper bearing bush	Polyurethane
	7.	Outer case with motor adapter	Stainless steel
	8.	Suction strainer	Stainless steel
	9.	Cable guard	Stainless steel
	10.	Initial spacer	Stainless steel
	11.	Pump shaft with coupling	Stainless steel
	12.	Lower spacer	Stainless steel
	13.	Up-thrust washer	Stainless steel
	14.	Upper journal sleeve	Stainless steel -w/ceramic coating
	15.	Screw and washer	Stainless steel
	16.	Up-thrust disc	Carbon-Grafit-Teflon
	17.	Stage with diffuser-floating neck ring	St. steel-Teflon(PTFE)
	18.	Secondary bearing bush	Polyurethane
	19.	Impeller	Stainless steel
	20.	Secondary journal sleeve	Stainless steel

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STAINLESS STEEL MIXED FLOW SUBMERSIBLE
PUMP DESCRIPTION AND MATERIALS

645,660,
878,897

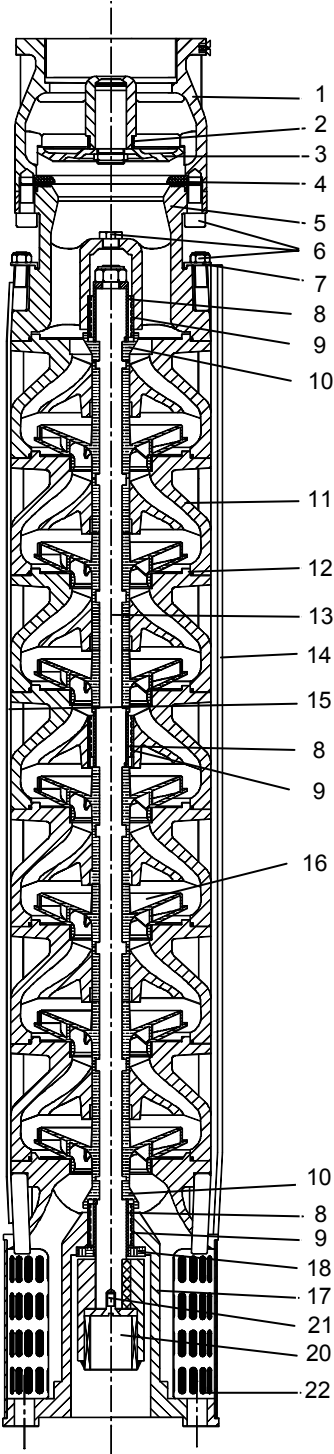
Sectional view	α/α	Description	Material
	1.	Discharge head	Stainless steel
	2.	Valve	Stainless steel
	3.	O-Ring	Nitrile rubber
	4.	Screws&inserts locking outer case	Stainless steel
	5.	Upper bowl	Stainless steel
	6.	Upper bearing bush	Polyurethane
	7.	Outer case with motor adapter	Stainless steel
	8.	Suction strainer	Stainless steel
	9.	Cable guard	Stainless steel
	10.	Upper spacer	Stainless steel
	11.	Pump shaft with coupling	Stainless steel
	12.	Lower spacer	Stainless steel
	13.	Up-thrust washer	Stainless steel
	14.	Upper journal sleeve	Stainless steel -w/ceramic coating
	15.	Screw and washer	Stainless steel
	16.	Diffuser	Stainless steel
	17.	Stage with floating neck ring	St. steel-Teflon(PTFE)
	18.	Secondary bearing bush	Polyurethane
	19.	Impeller	Stainless steel
	20.	Secondary journal sleeve	Stainless steel

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MIXED FLOW SUBMERSIBLE ELECTROPUMP
PUMP DESCRIPTION AND MATERIALS

6N

Sectional view	a/a	Description	Material
	1.	Discharge sleeve	Cast iron
	2.	Spring	Stainless steel
	3.	Non return valve	Stainless steel
	4.	Valve seat	Rubber
	5.	Delivery casing	Cast iron
	6.	Screw	Stainless steel
	7.	Metal plaque	Stainless steel
	8.	Sleeve	Bronze - Chromed steel
	9.	Bearing bush	Metal - rubber
	10.	Sand guard	Thermoplastic resine
	11.	Diffuser	Cast iron
	12.	O' ring	Rubber
	13.	Shaft	Stainless steel
	14.	Cable guard	Stainless steel
	15.	Flat tie rod	X Stainless steel
	16.	Impeller	Thermoplastic resine
	17.	Suction casing	Cast iron
	18.	Thrust washer	P.T.F.E
	19.	Key	Stainless steel
	20.	Coupling	Stainless steel
	21.	Screw	Stainless steel
	22.	Strainer	Stainless steel

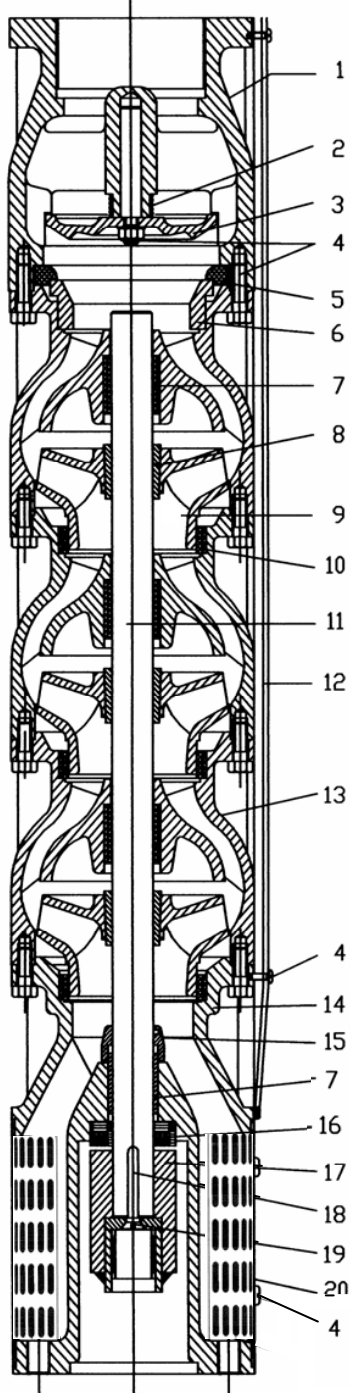
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MIXED FLOW SUBMERSIBLE ELECTROPUMP
PUMP DESCRIPTION AND MATERIALS

6M,7M,
8MA,8M

Sectional view	α/α	Description	Material
	1.	Discharge sleeve	Cast iron
	2.	Spring	Stainless steel
	3.	Non return valve	Stainless steel
	4.	Screw	Stainless steel
	5.	Valve seat	Rubber
	6.	Seat holder	Cast iron
	7.	Bearing	Metal - Rubber
	8.	Cone ring	Pb steel- Stainless steel
	9.	Impeller	Cast iron / Bronze
	10.	Ring thrust adjusting	Metal - Rubber
	11.	Shaft	Stainless steel
	12.	Cable guard	Stainless steel
	13.	Diffuser	Cast iron
	14.	Suction casing	Cast iron
	15.	Sand guard	Bronze
	16.	Thrust washer	P.T.F.E
	17.	Coupling	Stainless steel
	18.	Key	Stainless steel
	19.	Screw	Stainless steel
	20.	Strainer	Stainless steel

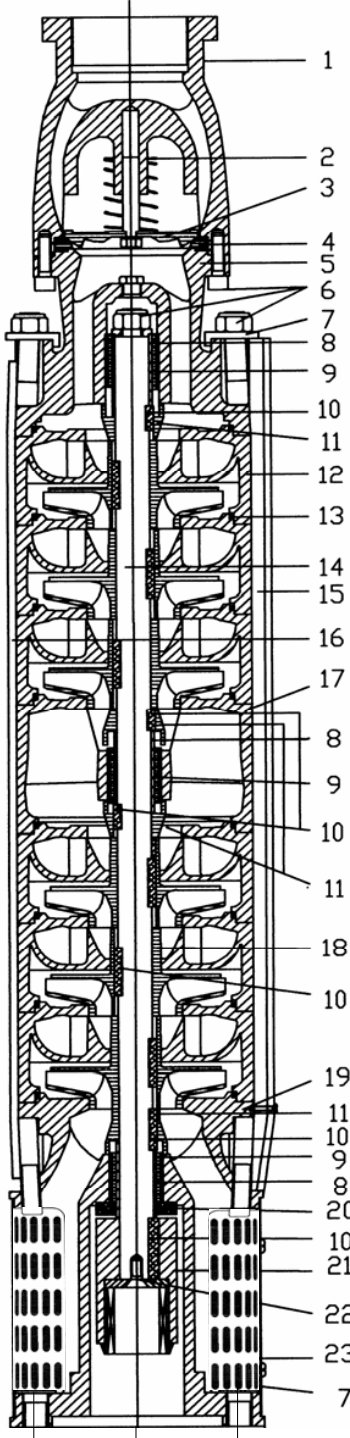
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 RADIAL SUBMERSIBLE ELECTROPUMP
PUMP DESCRIPTION AND MATERIALS

8R
8RN

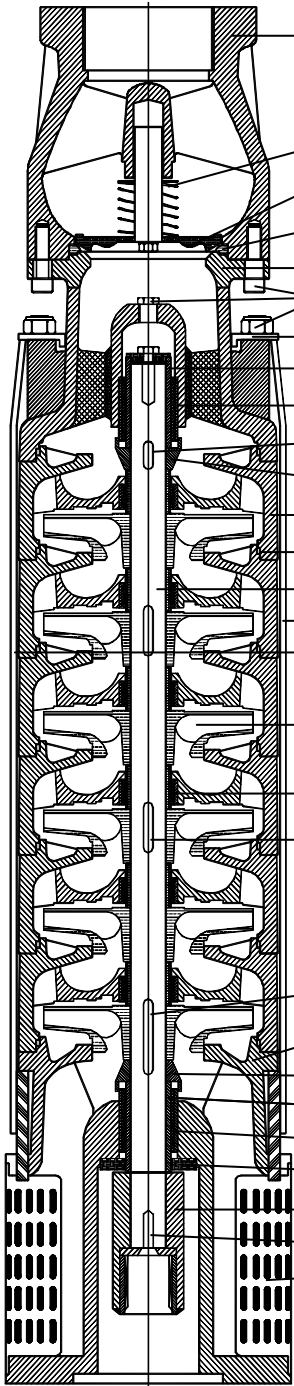
Sectional view	a/a	Description	Material
	1.	Discharge sleeve	Cast iron
	2.	Spring	Stainless steel
	3.	Non return valve	Stainless steel
	4.	Valve seat	Rubber
	5.	Delivery casing	Cast iron
	6.	Screw	Stainless steel
	7.	Metal plaque	Stainless steel
	8.	Sleeve	Bronze - Chromed steel
	9.	Bearing bush	Metal - rubber
	10.	Key	Stainless steel
	11.	Sand guard	Bronze or Thermoplastic resine
	12.	Diffuser	Cast iron
	13.	O' ring	Rubber
	14.	Shaft	Stainless steel
	15.	Cable guard	Stainless steel
	16.	Flat tie rod	Stainless steel
	17.	Intermediate Bearing	Cast iron
	18.	Impeller	Bronze or Thermoplastic resine
	19.	Suction casing	Cast iron
	20.	Thrust washer	P.T.F.E
	21.	Coupling	Stainless steel
	22.	Screw	Stainless steel
	23.	Strainer	Stainless steel

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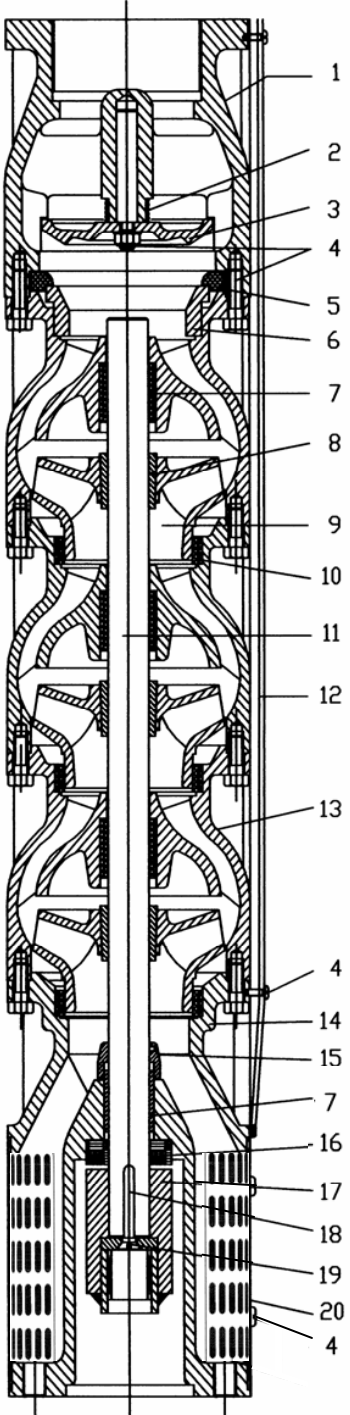
RADIAL SUBMERSIBLE ELECTROPUM
PUMP DESCRIPTION AND MATERIALS

10R

Sectional view	α/α	Description	Material
	1.	Discharge sleeve	Cast iron
	2.	Spring	Stainless steel
	3.	Non return valve	Cast iron - Bronze
	4.	Valve seat	Rubber
	5.	Delivery casing	Cast iron
	6.	Screw	Stainless steel
	7.	Metal plaque	Stainless steel
	8.	Sleeve	Bronze - Chromed steel
	9.	Bearing bush	Metal - rubber
	10.	Key	Stainless steel
	11.	Sand guard	Bronze
	12.	Diffuser	Cast iron
	13.	O' ring	Rubber
	14.	Shaft	Stainless steel
	15.	Cable guard	Stainless steel
	16.	Flat tie rod	Stainless steel
	17.	Impeller	Cast iron - Bronze
	18.	Suction casing	Cast iron
	19.	Thrust washer	P.T.F.E
	20.	Coupling	Stainless steel
	21.	Screw	Stainless steel
	22.	Strainer	Stainless steel

MIXED FLOW SUBMERSIBLE ELECTROPUMP
PUMP DESCRIPTION AND MATERIALS

10M

Sectional view	α/α	Description	Material
	1.	Discharge sleeve	Cast iron
	2.	Spring	Stainless steel
	3.	Non return valve	Bronze
	4.	Bolt - Nut	Stainless steel
	5.	Valve seat	Rubber
	6.	Seat holder	Cast iron
	7.	Bearing	Metal - Rubber
	8.	Cone ring	Pb steel- Stainless steel
	9.	Impeller	Cast iron / Bronze
	10.	Ring thrust adjusting	Metal - Rubber
	11.	Shaft	Stainless steel
	12.	Cable guard	Stainless steel
	13.	Diffuser	Cast iron
	14.	Suction casing	Cast iron
	15.	Sand guard	Bronze
	16.	Thrust washer	P.T.F.E
	17.	Coupling	Stainless steel
	18.	Key	Stainless steel
	19.	Screw	Stainless steel
	20.	Strainer	Stainless steel

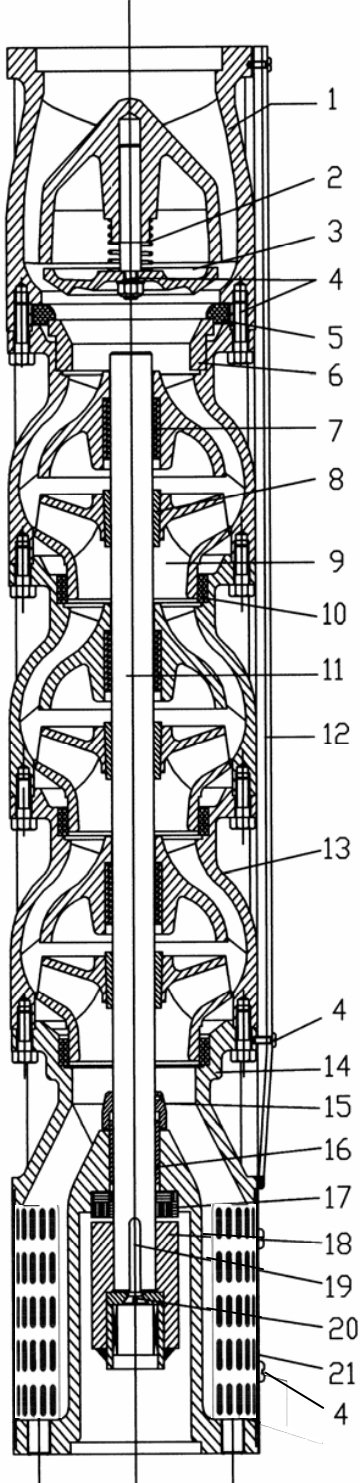
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MIXED FLOW SUBMERSIBLE ELECTROPUMP
PUMP DESCRIPTION AND MATERIALS

12M

Sectional view	a/a	Description	Material
	1.	Discharge sleeve	Cast iron
	2.	Spring	Stainless steel
	3.	Non return valve	Bronze
	4.	Bolt-Nut	Stainless steel
	5.	Valve seat	Rubber
	6.	Seat holder	Cast iron
	7.	Bearing	Metal - Rubber
	8.	Cone ring	Pb steel- Stainless steel
	9.	Impeller	Bronze
	10.	Ring thrust adjusting	Metal - rubber
	11.	Shaft	Stainless steel
	12.	Cable guard	Stainless steel
	13.	Diffuser	Cast iron
	14.	Suction casing	Cast iron
	15.	Sand guard	Bronze
	16.	Bearing	Metal - Rubber
	17.	Thrust washer	P.T.F.E
	18.	coupling	Stainless steel
	19.	Key	Stainless steel
	20.	Screw	Stainless steel
	21.	Strainer	Stainless steel

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Archimedes Pump

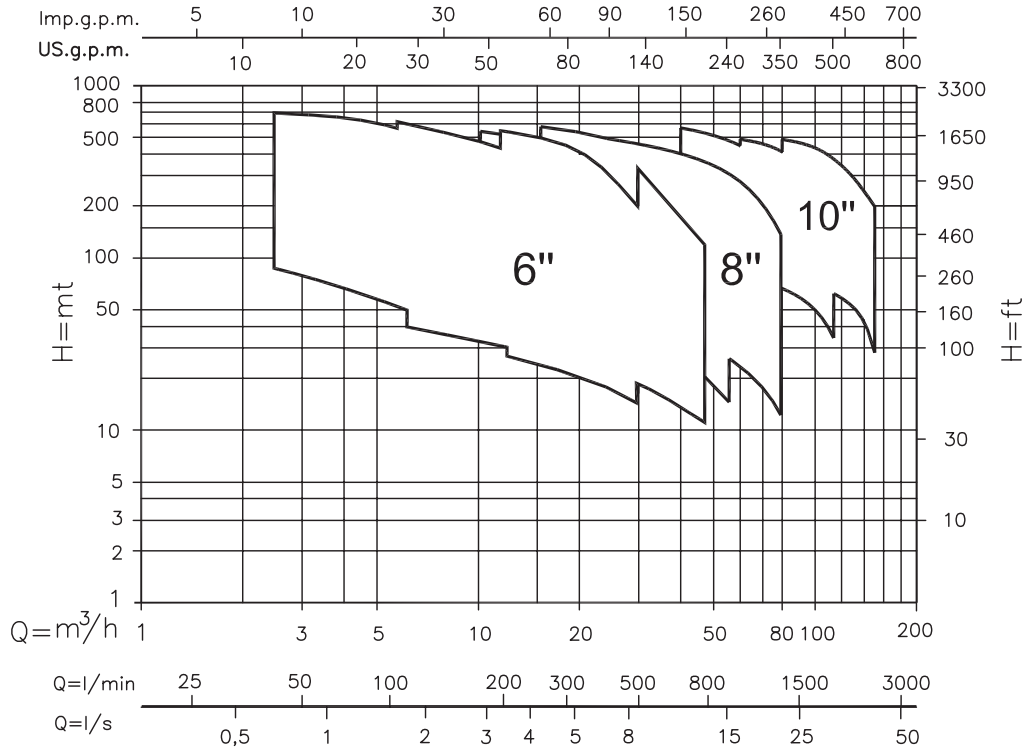
by ANAVALOS PUMPS

Performances range at 2900 r.p.m

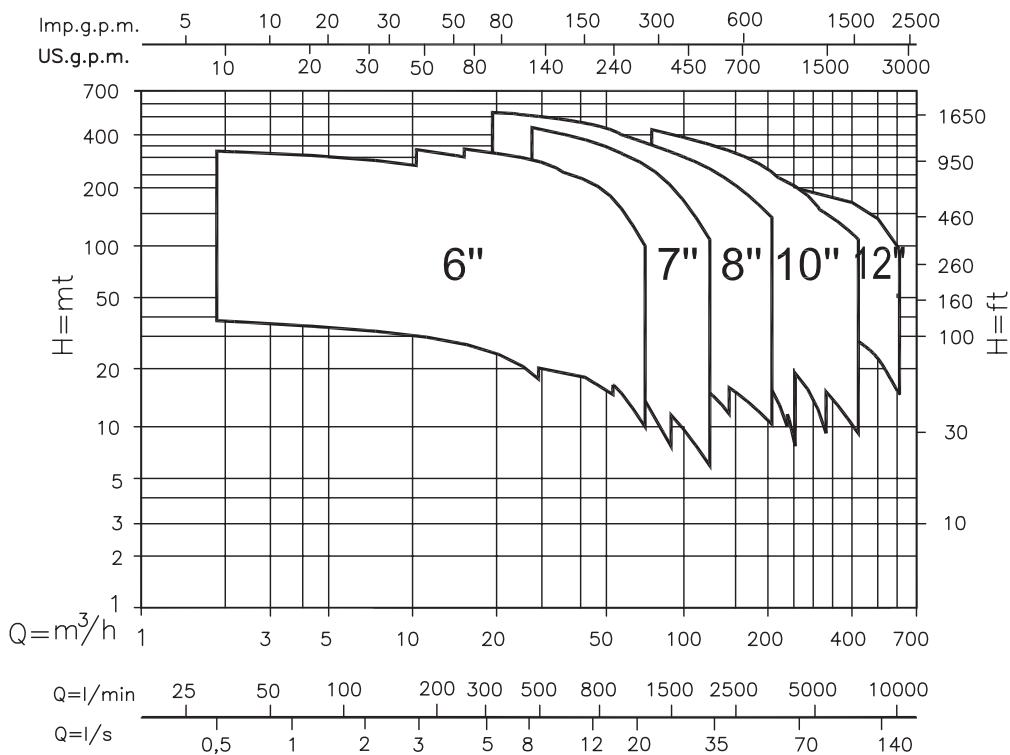
50Hz

PUMPS FUNCTION DIAGRAM

RADIAL



MIXED FLOW



Manufactured for

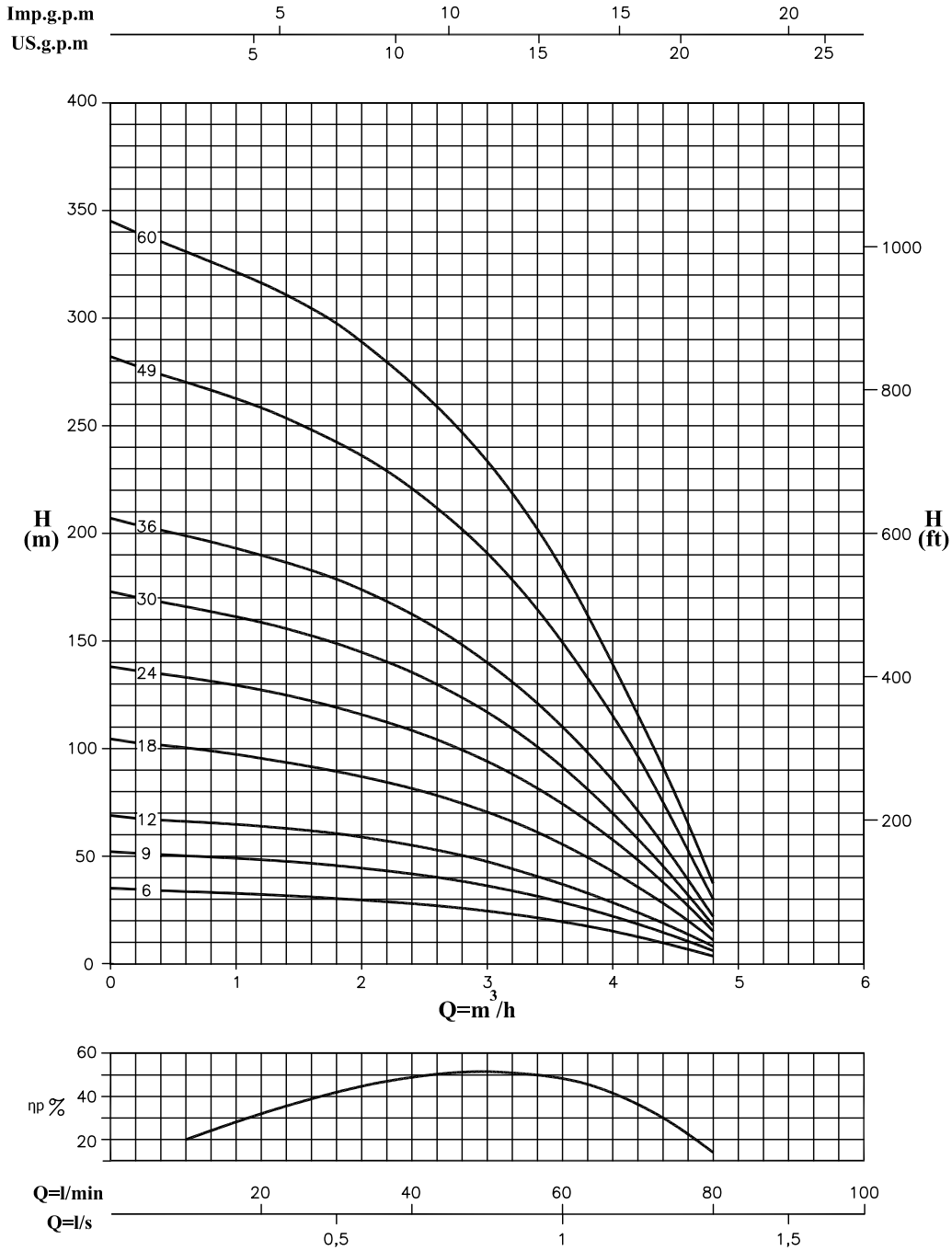


Archimedes Pump

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Performances range at 2900 r.p.m

APM 28 50Hz



PUMP TYPE	MOTOR POWER		CAPACITY										L	
			m ³ /h		0	1,5	2	2,5	2,75	3	3,5	4	4,8	mm
	Kw	HP	l/min	0	25	33,3	41,6	45,8	50	58,3	66,6	80		
APM 28-6	0,37	0,50	Ολικό Μανομε- τρικό σε m	35	31	29	27	26	24	20	15	4	345	3,4
APM 28-9	0,55	0,75		52	47	44	41	39	36	30	22	6	425	4,0
APM 28-12	0,75	1		69	63	59	54	51	47	39	28	8	505	4,6
APM 28-18	1,1	1,5		104	92	87	80	75	70	58	43	11	660	5,7
APM 28-24	1,5	2		138	123	116	106	100	94	78	58	15	820	6,8
APM 28-30	2,2	3		173	154	144	133	125	117	96	70	18	980	8,0
APM 28-36	2,2	3		207	185	174	159	150	140	116	85	22	1145	9,3
APM 28-49	3	4		282	251	236	216	204	191	157	115	30	1535	12,0
APM 28-60	4	5,5	345	308	289	264	250	233	193	139	37	1835	14,2	

Manufactured for

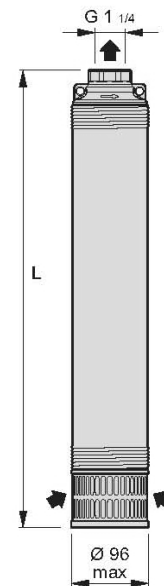
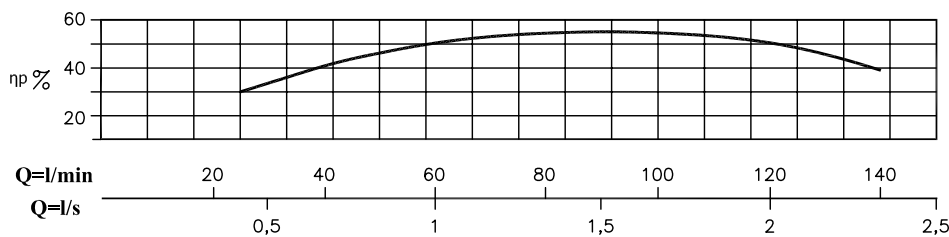
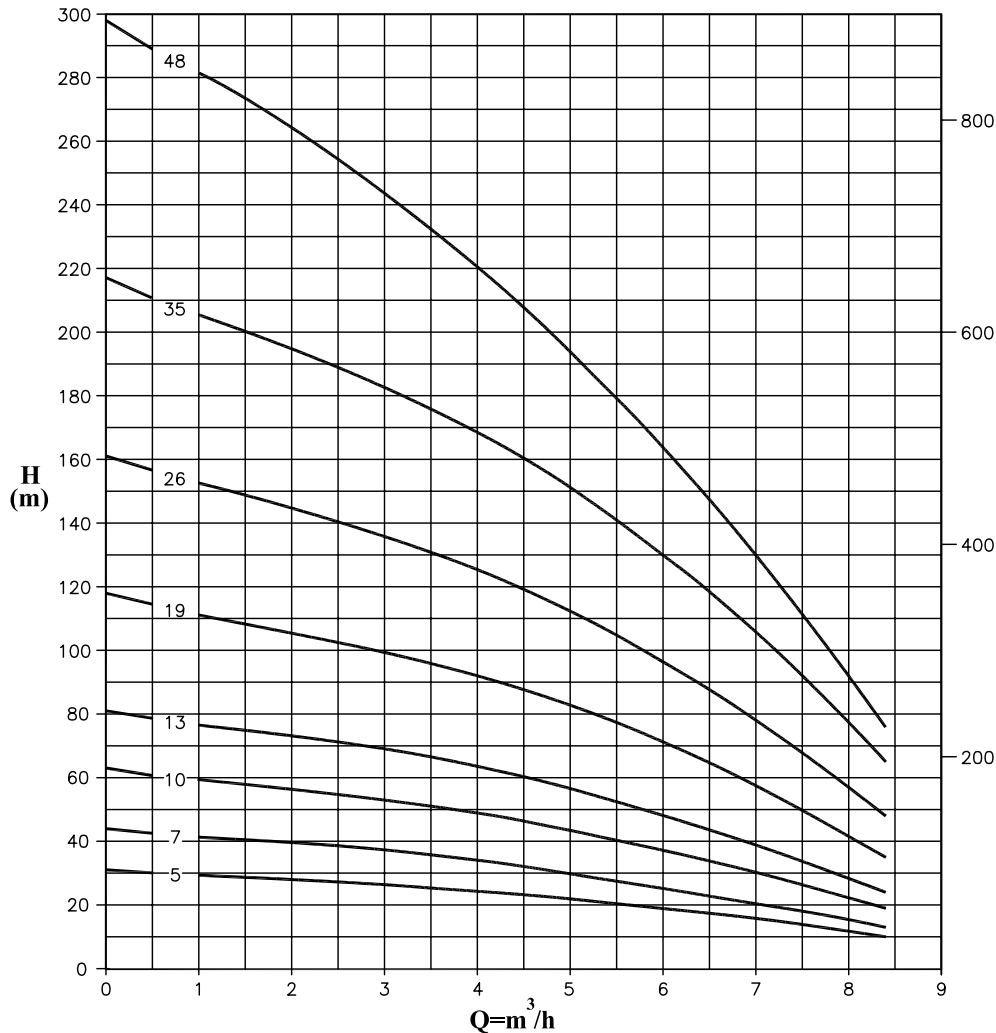


Archimedes
Pump

 by 

Performances range at 2900 r.p.m

APM 55 50Hz

 Imp.g.p.m 5 10 15 20 25 30
 US.g.p.m 5 10 15 20 25 30 35


PUMP TYPE	MOTOR POWER		CAPACITY										
	Kw	HP	m ³ /h	0	3	4	4,5	5	5,5	6	6,5	7	8,4
APM 55-5	0,55	0,75	l/min	0	50	66,6	75	83,3	91,6	100	108,3	116,6	140
APM 55-7	0,75	1	Ολικό Μανομε- τρικό σε m	31	27	24	23	22	20	19	17	16	10
APM 55-10	1,1	1,5		44	37	34	32	30	27	25	23	20	13
APM 55-13	1,5	2		63	53	49	46	43	40	37	34	30	19
APM 55-19	2,2	3		81	69	63	60	56	52	48	43	39	24
APM 55-26	3	4	H=m	118	99	92	88	83	77	71	65	58	35
APM 55-35	4	5,5	Total Manome- tric head in m	161	136	125	119	112	105	96	88	78	48
APM 55-48	5,5	7,5		217	182	168	160	151	141	130	118	106	65
				298	243	220	208	194	179	164	147	130	76

L	
mm	Kg
335	3,1
395	3,5
485	4,2
580	4,8
765	6,1
970	7,6
1300	9,5
1690	11,6

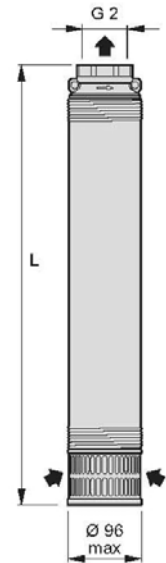
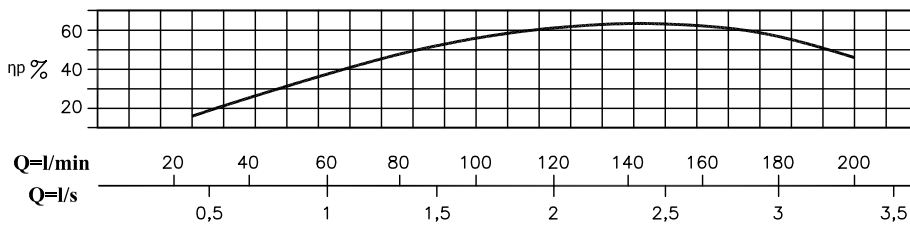
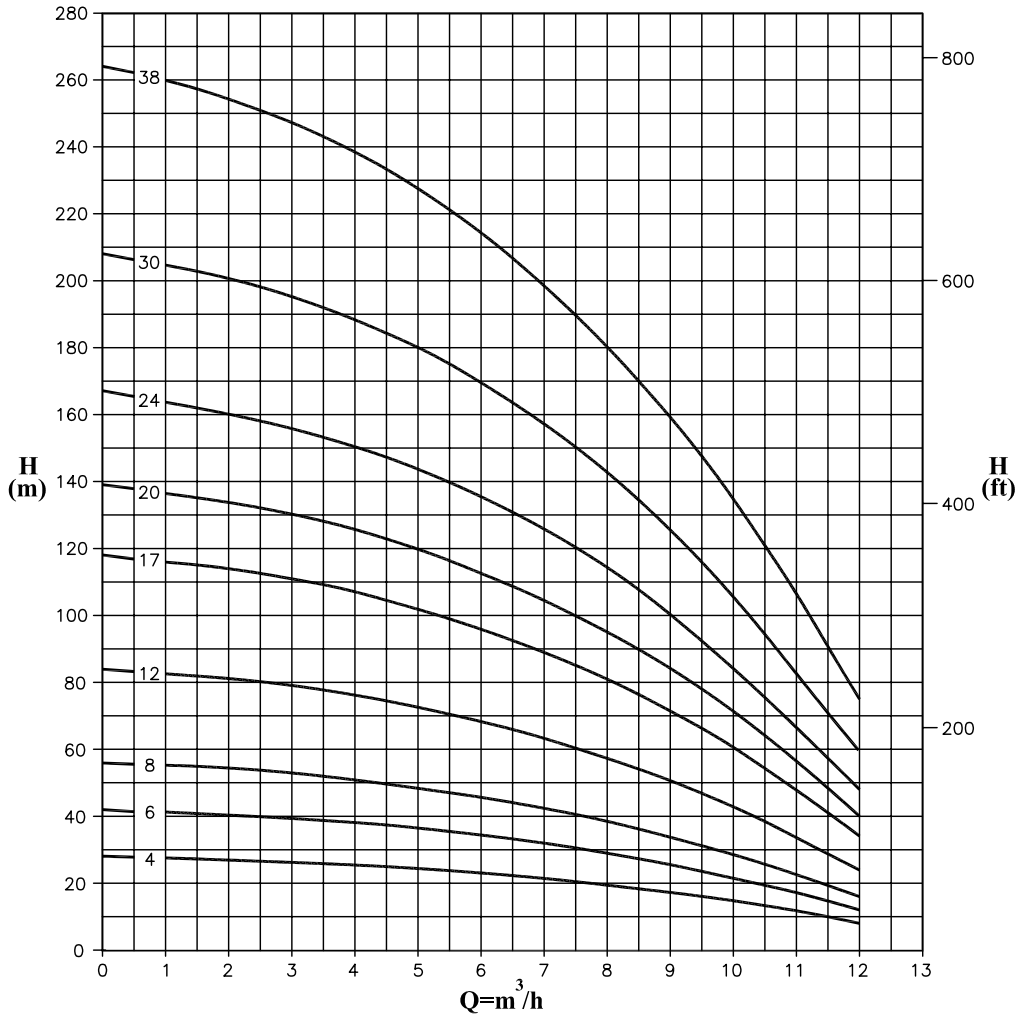
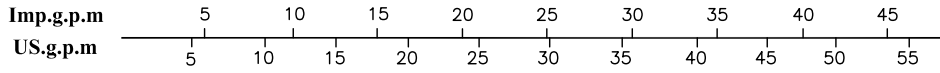
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Performances range at 2900 r.p.m

APM 85 50Hz



PUMP TYPE	MOTOR POWER		CAPACITY									
			m ³ /h	0	5	6	7	8	9	10	11	12
	Kw	HP	l/min	0	83,3	100	116,6	133,3	150	166,6	183,3	200
APM 85-4	0,75	1	Ολικό Μανομε- τρικό σε m	28	24	23	22	19	17	15	12	8
APM 85-6	1,1	1,5		42	36	34	32	29	25	21	17	12
APM 85-8	1,5	2		56	48	46	42	38	34	29	23	16
APM 85-12	2,2	3		84	73	68	63	57	51	43	33	24
APM 85-17	3	4	H=m	118	102	96	89	81	71	61	48	34
APM 85-20	4	5,5	Total Manome- tric head in m	139	120	113	104	95	84	71	57	40
APM 85-24	4	5,5		167	144	135	126	114	100	84	66	48
APM 85-30	5,5	7,5		208	180	170	157	143	125	106	83	59
APM 85-38	7,5	10		264	228	214	198	180	159	135	106	75

L	
mm	Kg
410	3,7
515	4,5
620	5,3
830	6,9
1095	8,9
1310	10,3
1520	11,9
1840	14,4
2260	17,6

Manufactured for



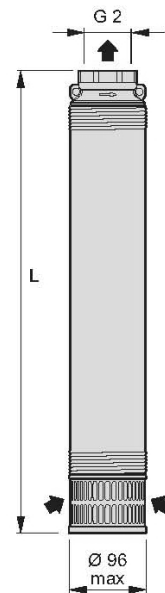
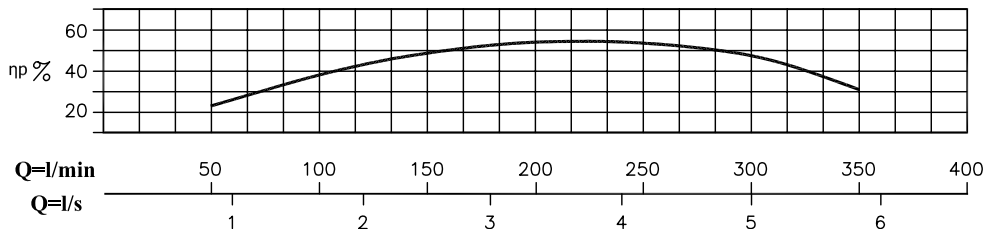
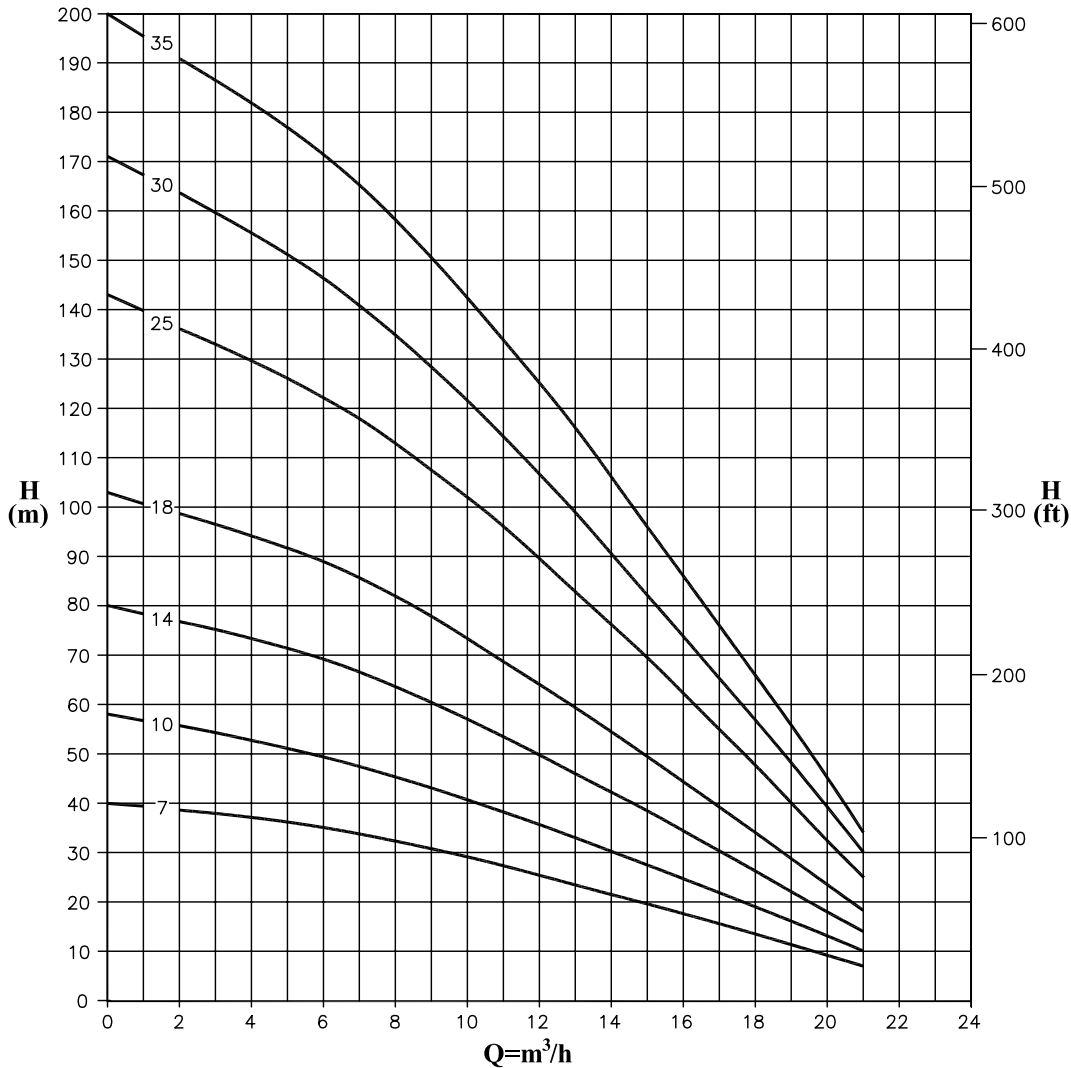
Archimedes
Pump

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Performances range at 2900 r.p.m

APM 140 50Hz

Imp.g.p.m 10 20 30 40 50 60 70 80
 US.g.p.m 10 20 30 40 50 60 70 80 90 100



PUMP TYPE	MOTOR POWER												L	
													mm	Kg
	Kw	HP	m³/h	0	6	8	10	12	14	16	18	21		
APM 140-7	1,5	2	l/min	0	100	133,3	166,6	200	233,3	266,6	300	350		
APM 140-10	2,2	3	Ολικό Μανομε- τρικό σε m	40	35	32	29	25	21	18	13	7	760	5,9
APM 140-14	3	4		58	49	45	41	36	30	25	19	10	990	8
APM 140-18	3,7	5,5	H=m	80	69	63	57	50	42	34	26	14	1375	10,4
APM 140-25	5,5	7,5	Total Manome- tric head in m	103	89	82	73	64	54	44	34	18	1680	13,2
APM 140-30	7,5	10		143	122	113	102	90	76	62	48	25	2295	18,1
APM 140-35	7,5	10		171	146	135	122	107	91	74	57	30	2685	21,3
				200	171	158	142	125	106	86	66	34	3075	24,8

Manufactured for

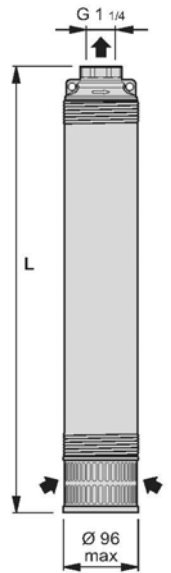
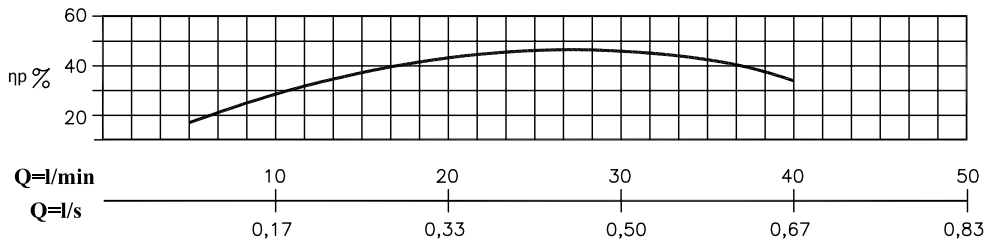
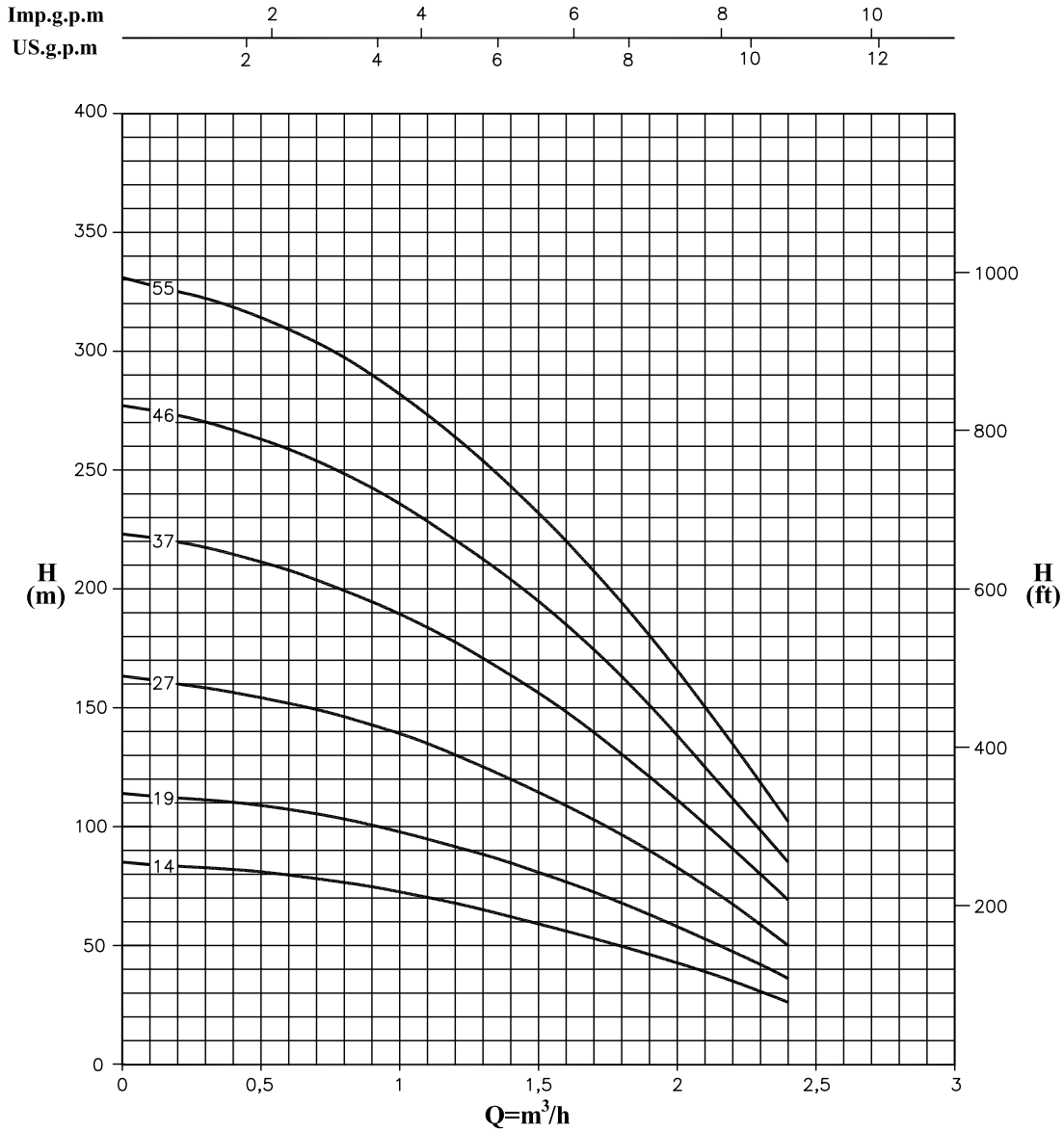


Archimedes Pump

by ANAVALOS PUMPS

Performances range at 2900 r.p.m

ASF-16 50Hz



PUMP TYPE	MOTOR POWER		Q - CAPACITY								
	Kw	HP	m³/h	0	0,6	0,9	1,2	1,5	1,8	2,1	2,4
ASF-16/14	0,55	0,75	l/min	0	10	15	20	25	30	35	40
ASF-16/19	0,75	1	Ολικό Μανομε- τρικό σε m	85	80	75	68	59	50	39	26
ASF-16/27	1,1	1,5		114	107	101	91	81	68	53	36
ASF-16/37	1,5	2	H=m Total Manometric head in m	163	152	143	130	114	97	75	50
ASF-16/46	2,2	3		223	208	195	178	156	130	101	69
ASF-16/55	2,2	3		277	259	242	221	195	163	125	85
				331	309	290	264	232	194	150	102

L	
mm	Kg
465	4,7
565	5,7
725	7,2
915	9,1
1095	10,8
1325	12,85

Manufactured for



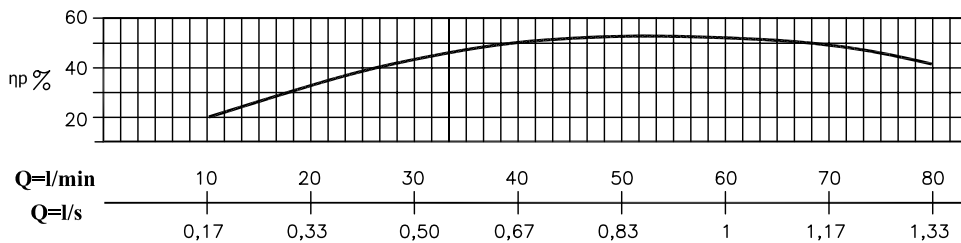
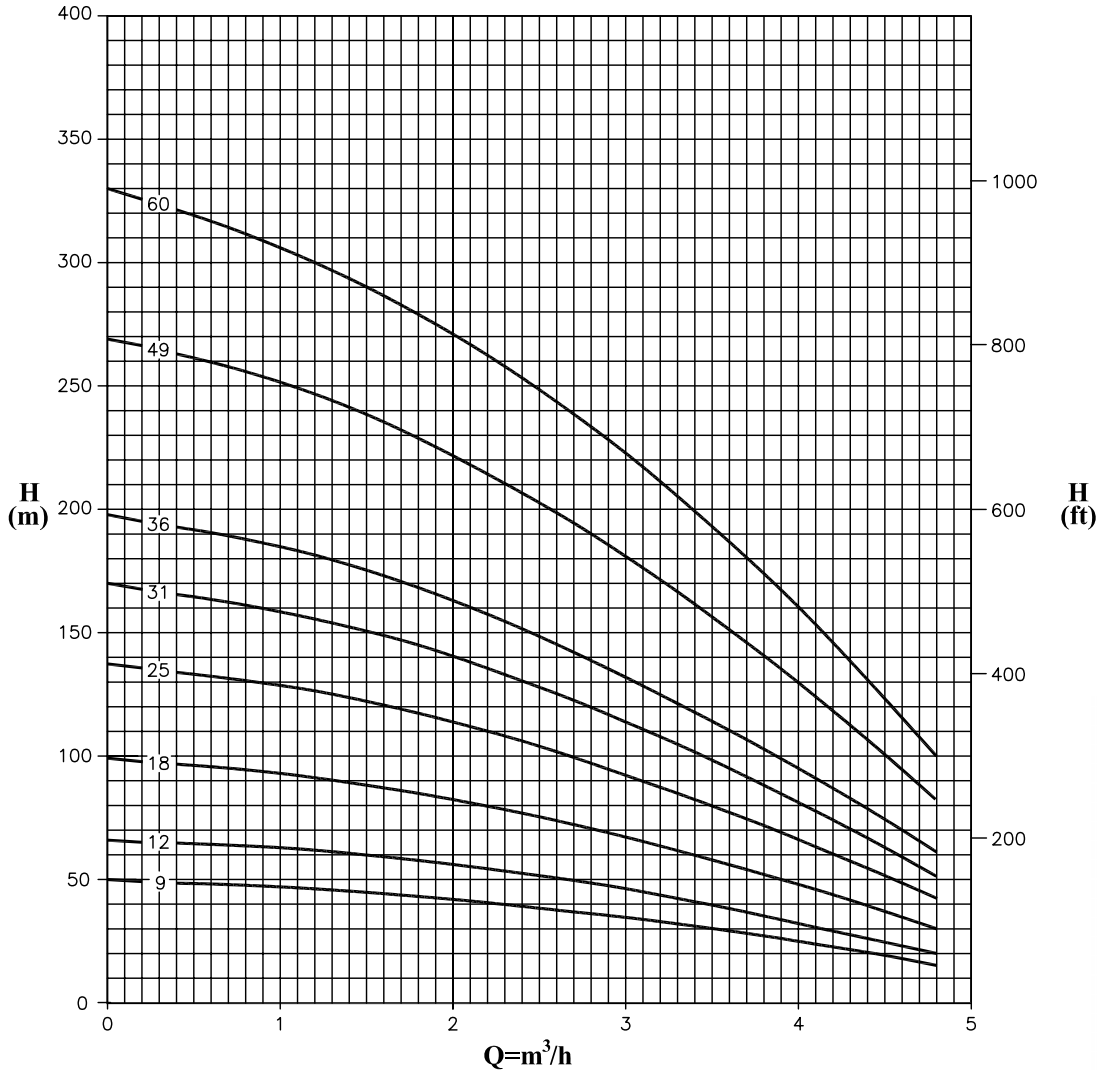
Archimedes
Pump

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Performances range at 2900 r.p.m

ASF-36 50Hz

Imp.g.p.m 2 4 6 8 10 12 14 16 18
 US.g.p.m 2 4 6 8 10 12 14 16 18 20 22



PUMP TYPE	MOTOR POWER		Q - CAPACITY										
			m ³ /h	0	1,5	2	2,5	3	3,5	4	4,5	4,8	
	Kw	HP	l/min	0	25	33,3	41,6	50	58,3	66,6	75	80	
ASF-36/9	0,55	0,75	Ολικό Μανομε- τρικό σε m	50	45	42	38	35	30	25	19	15	
ASF-36/12	0,75	1		66	60	56	52	46	39	32	25	20	
ASF-36/18	1,1	1,5		99	88	82	75	67	58	48	37	30	
ASF-36/25	1,5	2		137	122	114	104	92	80	66	52	42	
ASF-36/31	2,2	3		170	151	141	128	114	98	81	63	51	
ASF-36/36	2,2	3		198	175	163	148	132	114	95	74	61	
ASF-36/49	3	4		269	239	221	203	181	156	130	101	82	
ASF-36/60	4	5,5		330	290	271	248	223	193	161	123	100	
				H=m									
				Total									
				Manometric head in m									

L	
mm	Kg
420	4,1
500	4,75
660	6,05
845	7,6
1005	8,9
1135	10
1530	13,2
1820	15,6

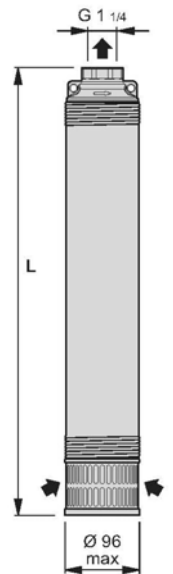
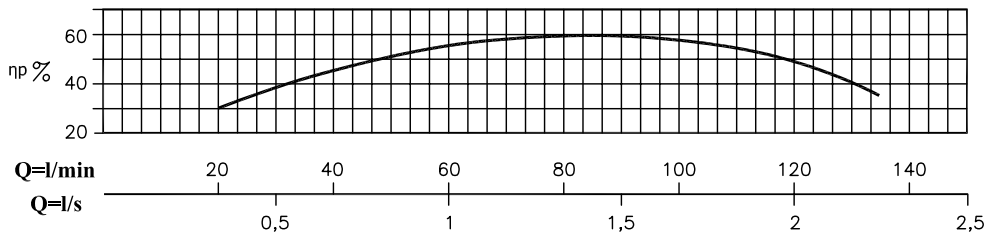
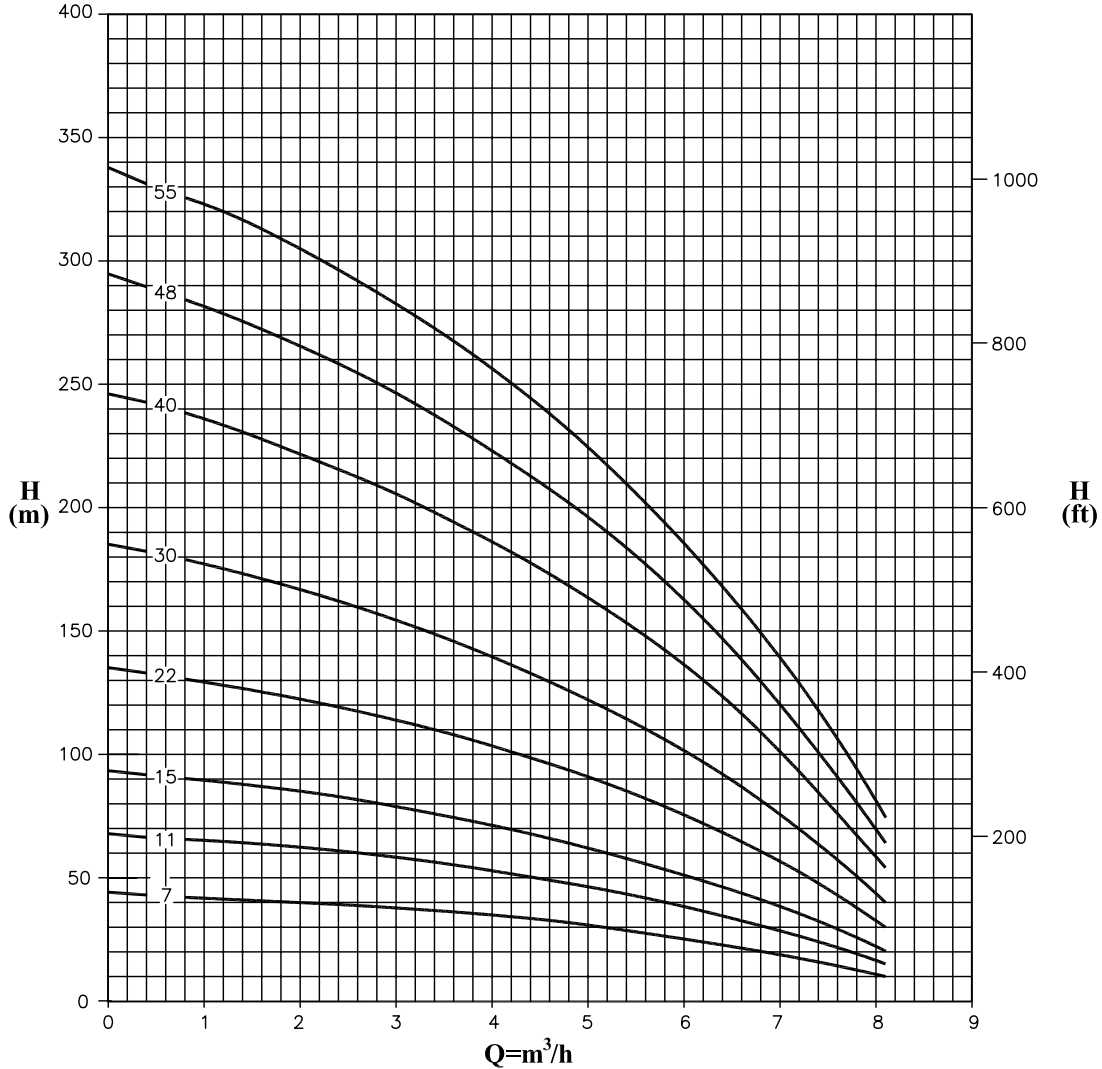
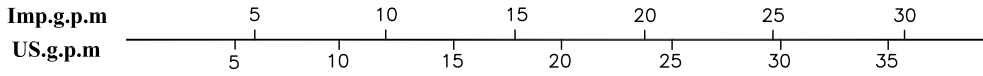
Manufactured for



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Performances range at 2900 r.p.m

ASF-54 50Hz



PUMP TYPE	MOTOR POWER		Q - CAPACITY								L		
	Kw	HP	m³/h	0	2,5	3	4	5	6	7	8,1	mm	Kg
ASF-54/7	0,75	1	l/min	0	41,6	50	66,6	83,3	100	116,6	135		
ASF-54/11	1,1	1,5	Ολικό Μανομε- τρικό σε m	44	39	38	35	31	25	19	10	400	3,65
ASF-54/15	1,5	2		68	60	59	53	46	39	28	15	520	4,6
ASF-54/22	2,2	3		93	82	79	71	62	51	38	20	640	5,6
ASF-54/30	3	4	H=m	135	119	114	104	91	75	57	30	850	7,25
ASF-54/40	4	5,5	Total	185	162	154	139	122	102	76	40	1090	9,2
ASF-54/48	5,5	7,5		246	214	206	186	164	136	101	54	1440	11,9
ASF-54/55	5,5	7,5	Manometric head in m	295	256	246	223	196	163	120	64	1680	13,8
				338	294	283	256	224	185	139	74	1890	15,5

Manufactured for

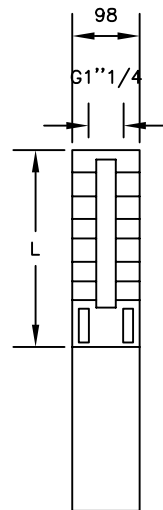
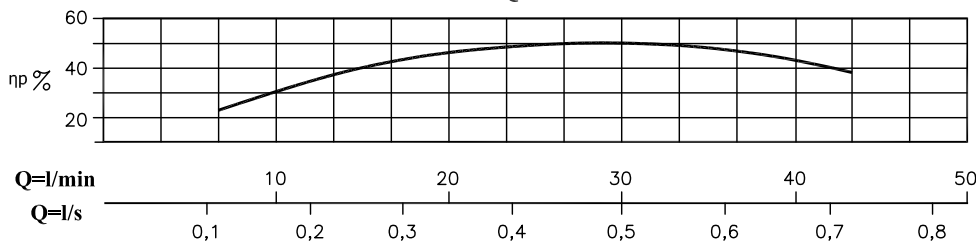
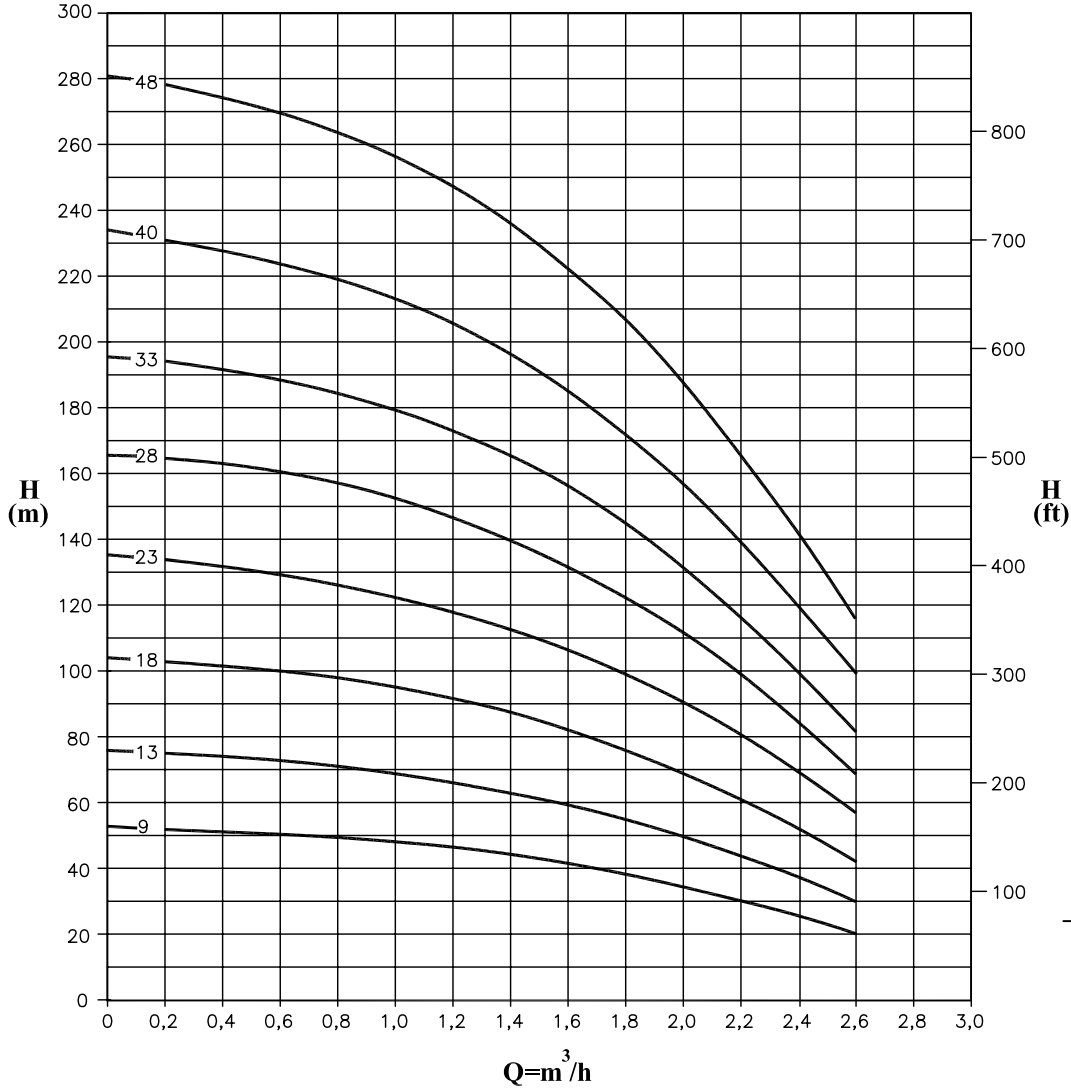
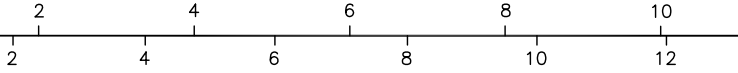


Archimedes
Pump

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Performances range at 2900 r.p.m

ASP-10 50Hz

 Imp.g.p.m
US.g.p.m


PUMP TYPE	MOTOR POWER		Q - CAPACITY									
			m ³ /h		0	0,8	1	1,2	1,5	1,8	2,1	2,4
	Kw	HP	l/min	0	13,3	16,6	20	25	30	35	40	43,3
ASP-1009	0,37	0,50	Ολικό Μανομε- τρικό σε m H=m Total Manometric head in m	53	49	48	46	43	38	32	25	20
ASP-1013	0,55	0,75		76	71	69	66	61	55	47	37	30
ASP-1018	0,75	1		104	98	95	92	85	76	65	52	42
ASP-1023	1,1	1,5		135	126	122	118	110	99	86	69	57
ASP-1028	1,5	2		165	157	152	147	136	122	106	84	69
ASP-1033	1,5	2		195	184	179	173	161	145	124	99	81
ASP-1040	2,2	3		234	219	213	206	191	172	148	119	99
ASP-1048	2,2	3		281	263	256	247	229	207	177	141	116

L	
mm	Kg
356	3,0
440	3,8
545	4,7
650	5,7
755	6,6
883	9,7
1030	11,5
1198	13,5

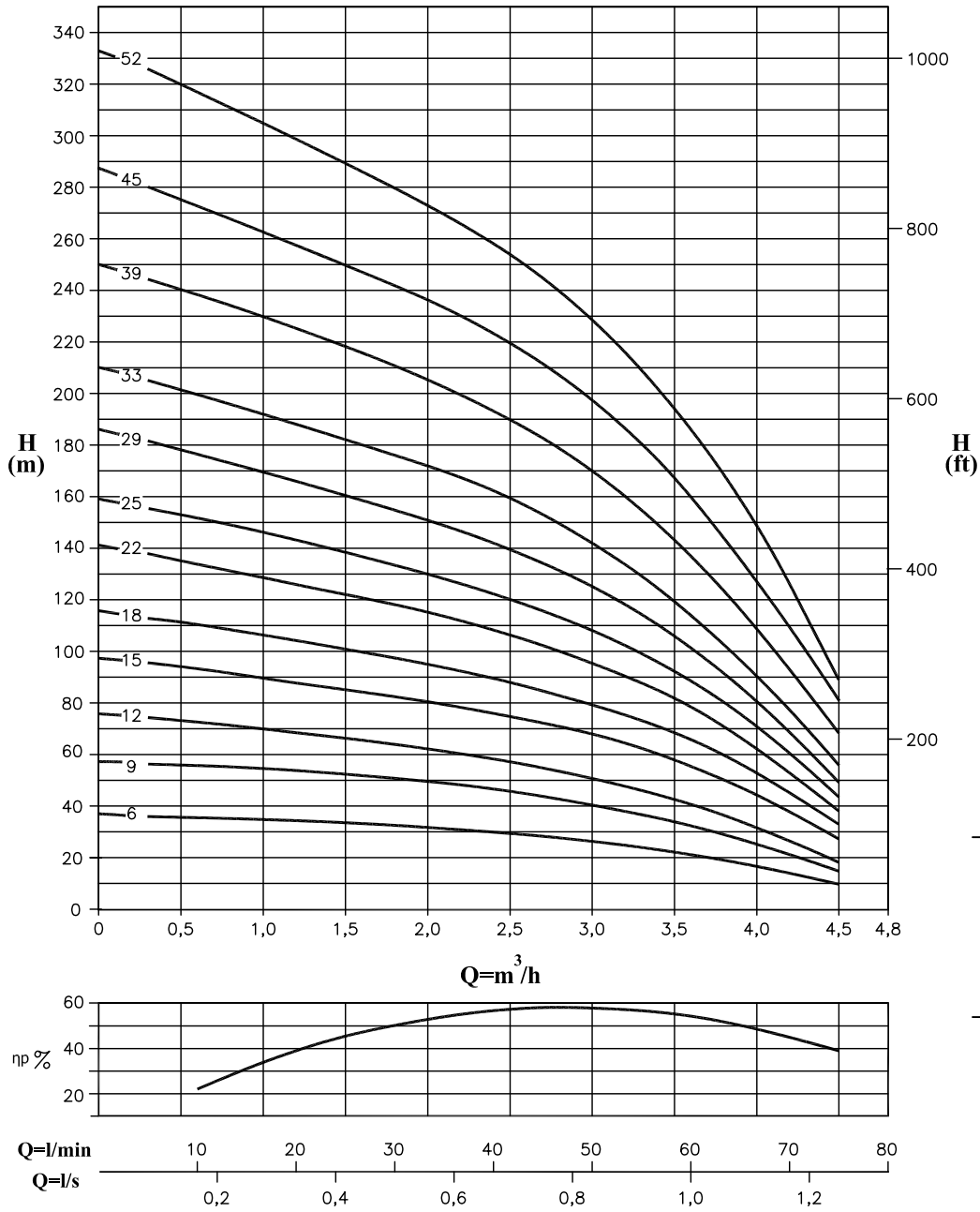
Manufactured for



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Performances range at 2900 r.p.m

ASP-18 50Hz



PUMP TYPE	MOTOR POWER		Q - CAPACITY										L	
	Kw	HP	m³/h	0	1,5	2	2,5	2,75	3	3,5	4,0	4,5	mm	Kg
ASP-1806	0,37	0,50	l/min	0	25	33,3	41,6	45,8	50	58,3	66,6	75	293	2,4
ASP-1809	0,55	0,75	Ολικό Μανομε- τρικό σε m	37	33	32	29	28	26	22	17	10	293	2,4
ASP-1812	0,75	1		57	52	50	46	43	40	34	25	15	356	3,0
ASP-1815	1,1	1,5		76	66	62	57	54	51	43	32	18	419	3,6
ASP-1818	1,1	1,5	H=m	97	85	80	75	72	68	58	44	27	482	4,2
ASP-1822	1,5	2		116	101	95	88	84	79	68	53	33	545	4,7
ASP-1825	1,5	2	Total Manometric head in m	141	122	115	106	101	95	82	62	38	629	5,5
ASP-1829	2,2	3		159	138	130	120	114	108	92	71	44	692	6,1
ASP-1833	2,2	3		186	160	151	140	133	125	106	80	49	776	6,8
ASP-1839	3	4		210	182	172	159	151	142	119	90	56	883	9,7
ASP-1845	3	4		250	218	205	190	181	170	143	109	68	1009	11,2
ASP-1852	4	5,5		287	250	236	220	209	197	167	127	81	1135	12,7
				333	289	273	254	242	229	194	149	89	1282	14,5

Manufactured for

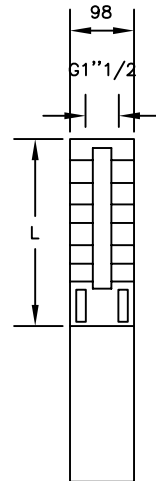
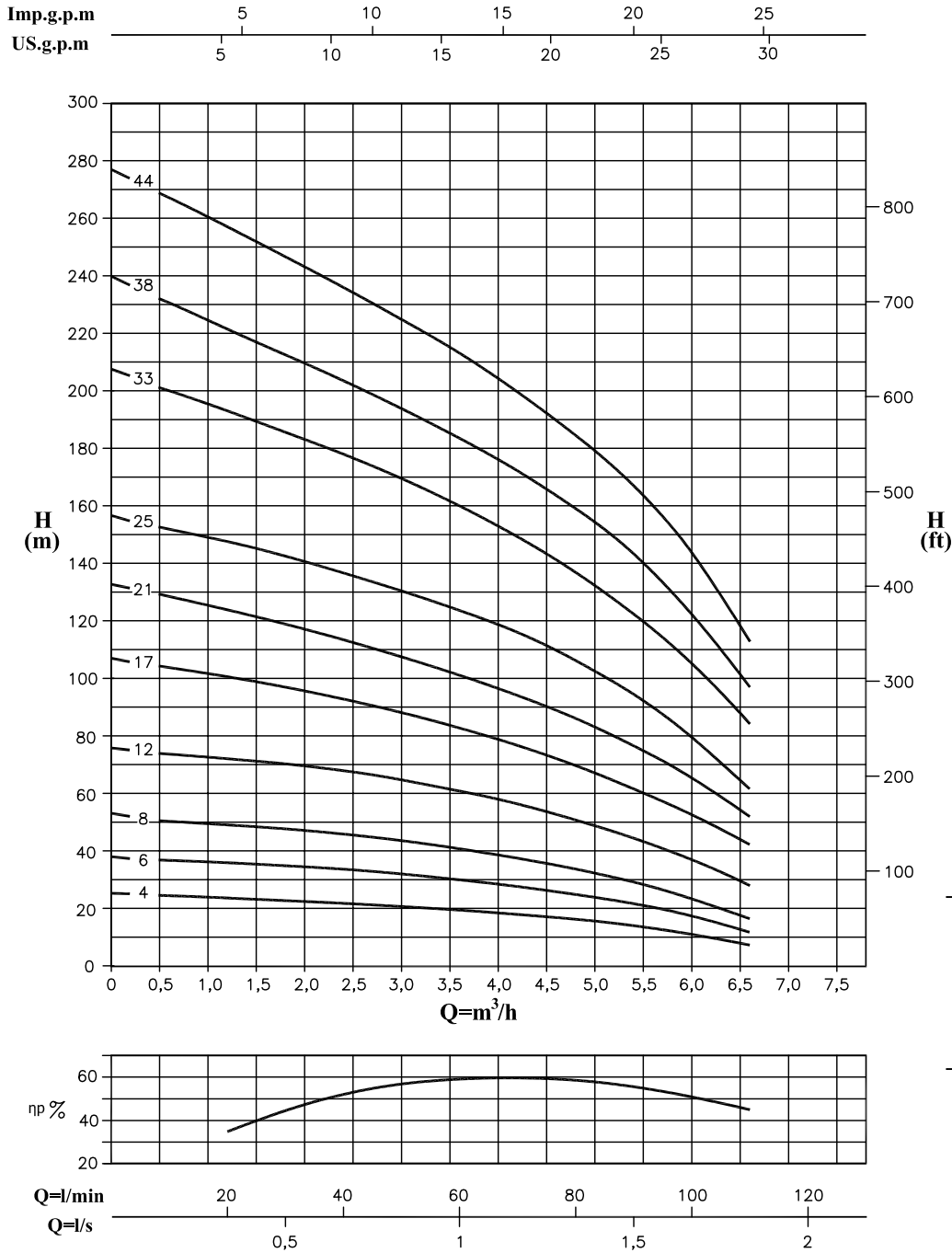


Archimedes
Pump

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Performances range at 2900 r.p.m

ASP-25 50Hz


PUMP TYPE	MOTOR POWER		Q - CAPACITY										
			m³/h	0	2	2,5	3,0	3,5	4	4,5	5	5,5	6,0
			l/min	0	33,3	41,6	50	58,3	66,6	75	83,3	91,6	100
ASP-2504	0,37	0,50	Ολικό Μανομε- τρικό σε m H=m Total Manometric head in m	25	23	22	21	20	18	17	16	13	11
ASP-2506	0,55	0,75		38	34	33	32	30	28	26	24	21	17
ASP-2508	0,75	1		53	47	45	43	41	39	36	32	28	23
ASP-2512	1,1	1,5		76	69	67	65	61	58	54	49	43	37
ASP-2517	1,5	2		107	96	92	88	84	79	73	67	60	53
ASP-2521	2,2	3		133	117	113	108	102	96	90	83	75	65
ASP-2525	2,2	3		157	141	136	131	125	119	111	102	92	79
ASP-2533	3	4		207	183	177	170	162	153	143	132	120	105
ASP-2538	4	5,5		240	210	202	194	185	176	166	154	140	122
ASP-2544	4	5,5		277	243	234	225	215	204	192	179	164	144

L	
mm	Kg
251	2,0
293	2,4
335	2,8
419	3,6
524	4,5
608	5,3
692	6,0
868	9,6
973	10,9
1099	12,4

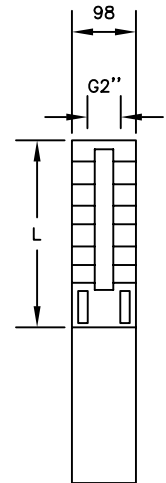
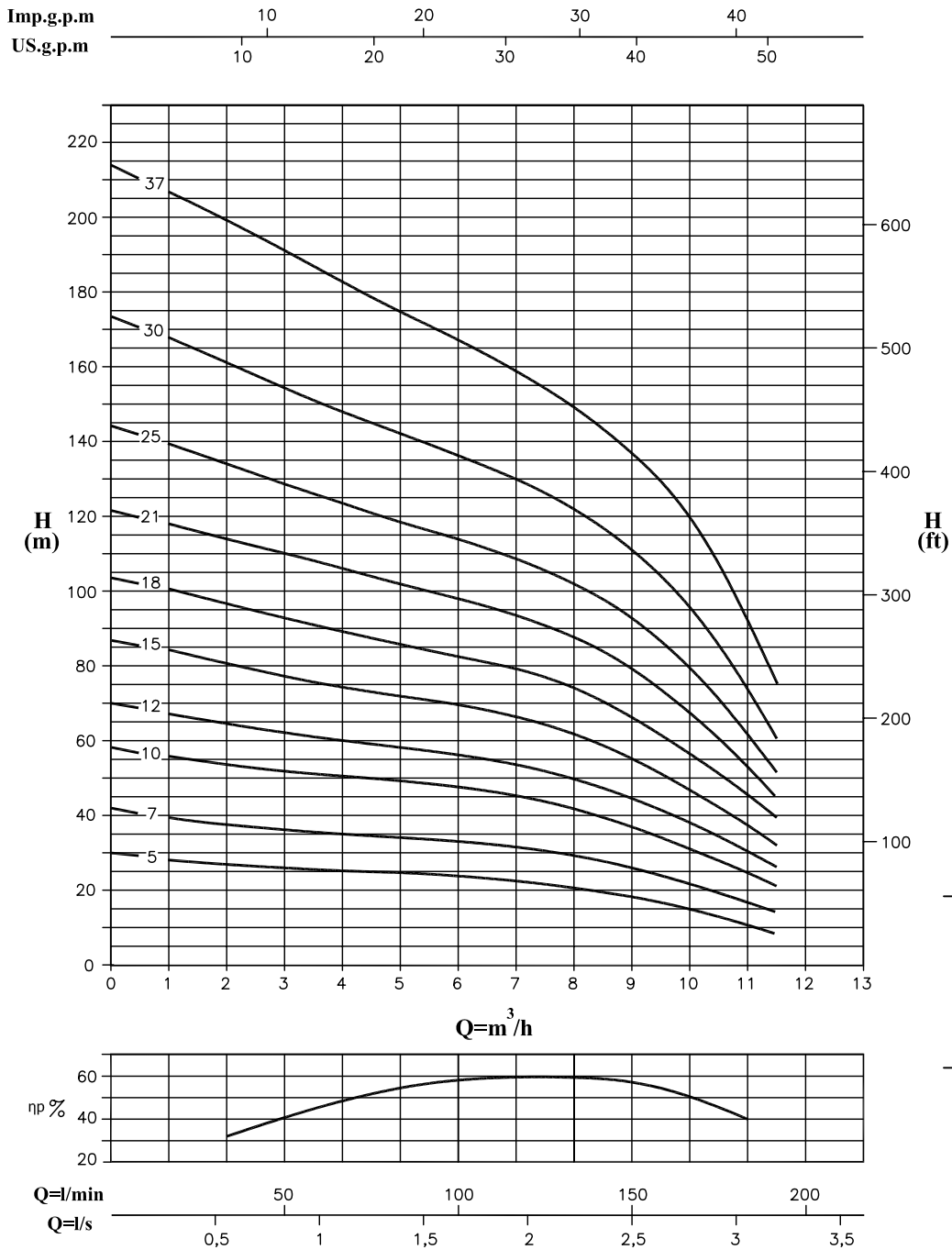
Manufactured for



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Performances range at 2900 r.p.m

ASP-40 50Hz

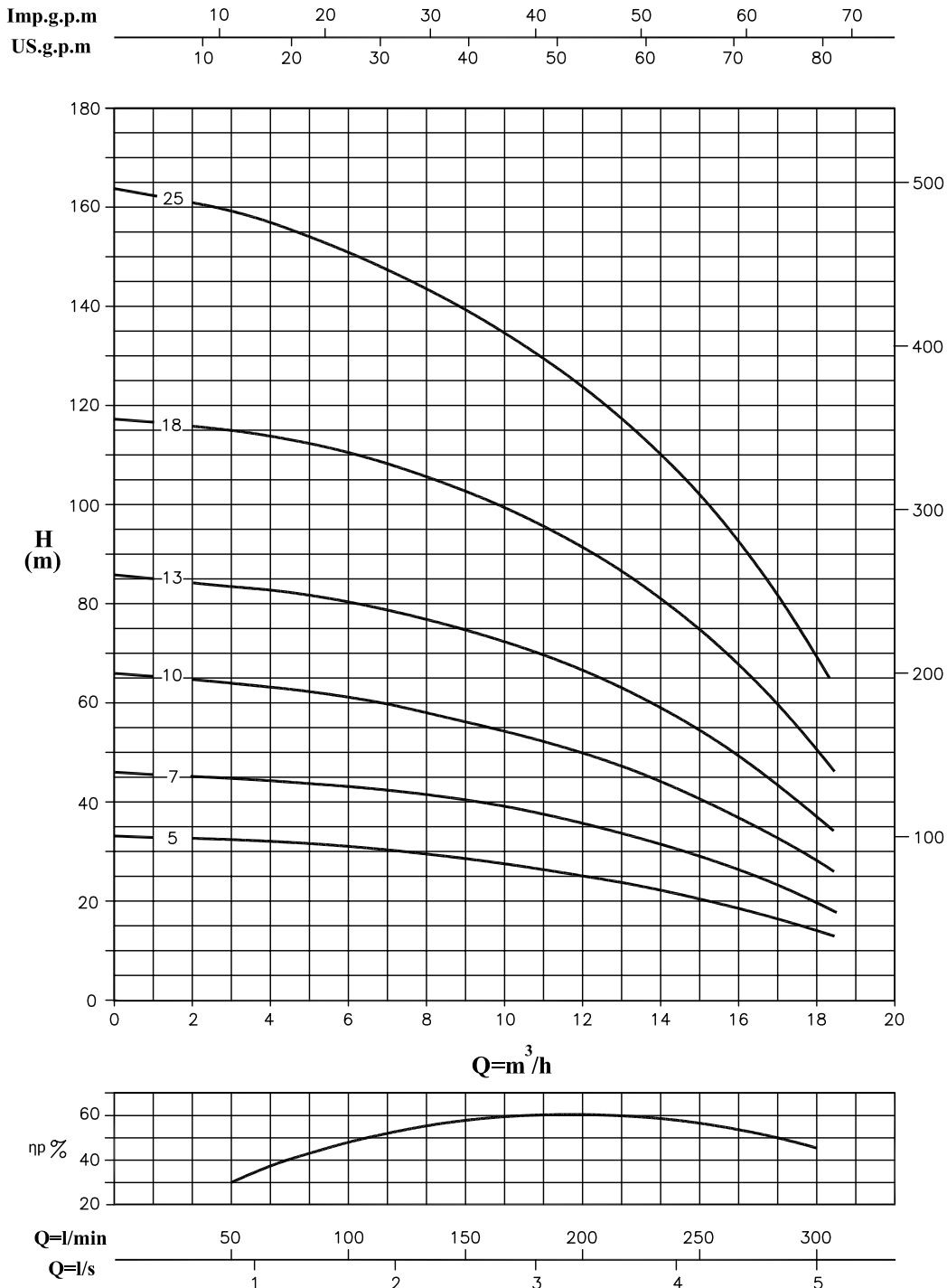


PUMP TYPE	MOTOR POWER		Q - CAPACITY										L	
	Kw	HP	m³/h l/min	0	3	5	6	7	8	9	10	11	mm	Kg
ASP-4005	0,75	1	30	26	25	24	22	21	18	15	11	412	4,3	
ASP-4007	1,1	1,50	42	36	34	33	32	29	26	22	17	496	5,3	
ASP-4010	1,5	2	58	52	49	48	45	42	37	31	24	622	6,8	
ASP-4012	2,2	3	70	62	58	56	53	50	44	38	30	706	7,8	
ASP-4015	2,2	3	87	77	72	70	66	62	55	47	37	832	9,3	
ASP-4018	3	4	104	93	86	82	79	74	66	56	45	958	10,8	
ASP-4021	4	5,5	122	110	102	98	93	88	79	67	53	1084	12,3	
ASP-4025	4	5,5	144	129	118	114	109	102	93	79	62	1252	14,3	
ASP-4030	5,5	7,5	173	154	142	136	130	122	111	96	74	1462	16,8	
ASP-4037	5,5	7,5	214	191	175	167	159	149	137	119	92	1753	20,3	

Manufactured for


 by **ANAVALOS**
PUMPS

Performances range at 2900 r.p.m

ASP-70 50Hz


PUMP TYPE	MOTOR POWER		Q - CAPACITY									
	Kw	HP	m^3/h	0	6	8	10	11	12	14	15	18
ASP-7005	1,5	2	Όλικό Μανομε- τρικό σε m H=m Total Manometric head in m	0	100	133,3	166,6	183,3	200	233,3	250	300
ASP-7007	2,2	3		33	31	29	27	26	25	22	20	14
ASP-7010	3	4		46	43	41	39	37	36	31	29	19
ASP-7013	4	5,5		66	61	58	54	52	50	44	41	28
ASP-7018	5,5	7,5		86	80	77	72	70	67	59	54	37
ASP-7025	7,5	10		117	110	105	99	96	91	81	75	50
				164	151	144	134	129	124	110	102	69

L	
mm	Kg
505	5,0
635	6,3
830	8,2
1025	10,2
1350	13,4
1805	17,8

Manufactured for

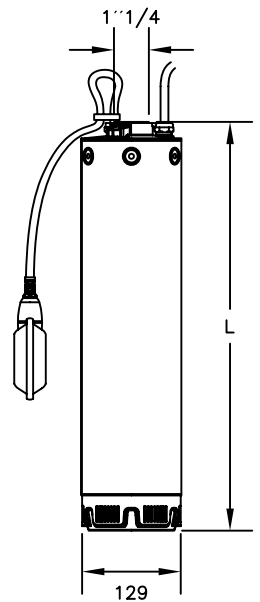
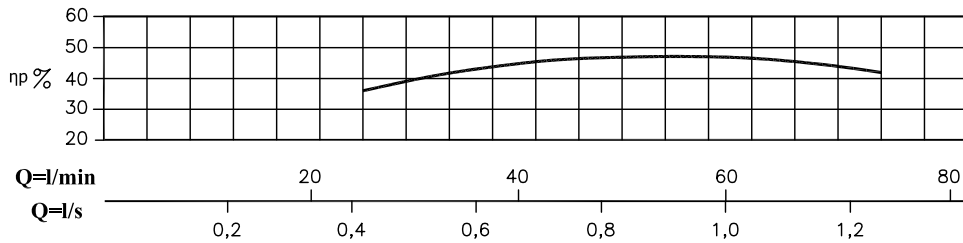
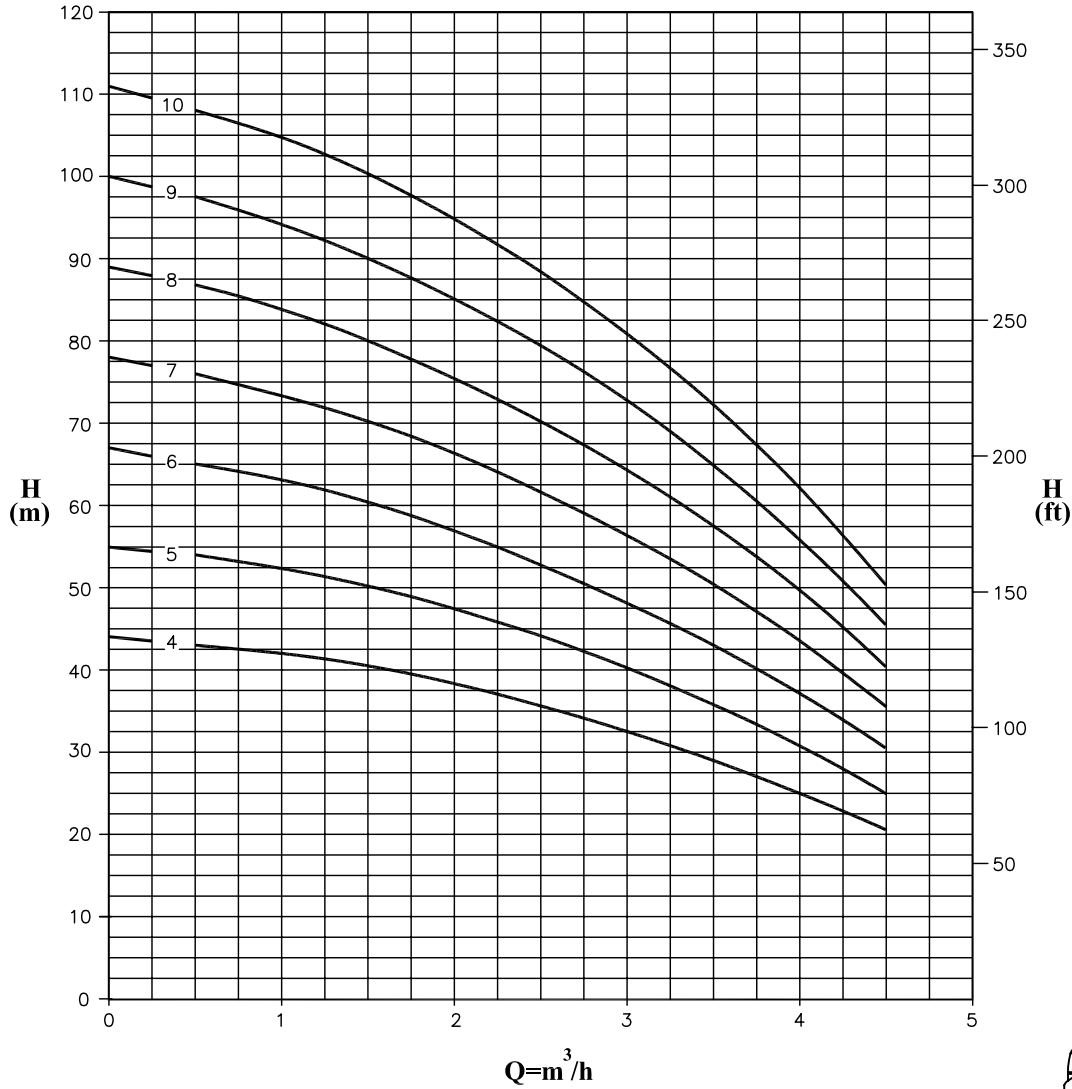
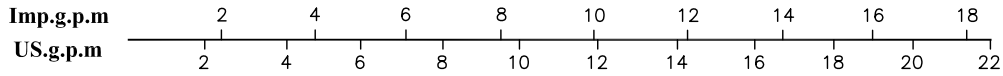


by **ANAVALOS PUMPS**

Performances range at 2900 r.p.m

AVN 3

50Hz



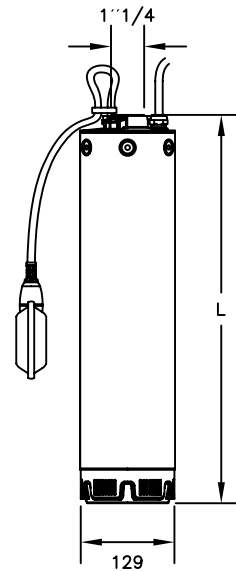
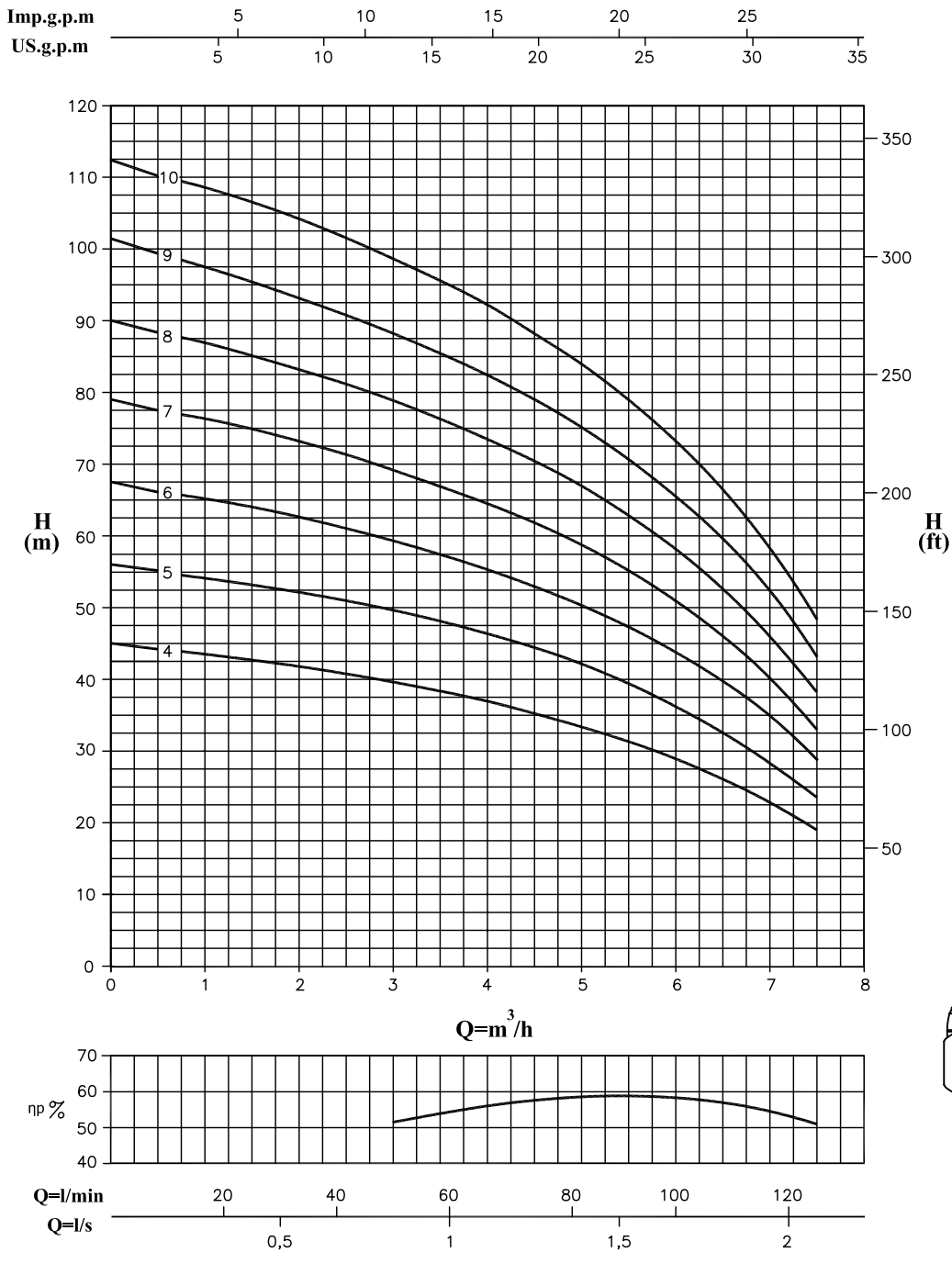
PUMP TYPE	MOTOR POWER		Q - CAPACITY								
			m ³ /h	0	1	2	2,5	3	3,5	4	4,5
	Kw	HP	l/min	0	16,6	33,3	41,6	50	58,3	66,6	75
AVN 3/4	0,55	0,75	Ολικό Μανομε- τρικό σε m H=m Total Manometric head in m	44	42	38	36	32	29	25	21
AVN 3/5	0,75	1		55	52	47	44	40	36	31	25
AVN 3/6	0,75	1		67	63	57	53	48	43	37	30
AVN 3/7	1,1	1,5		78	73	66	62	56	50	43	36
AVN 3/8	1,1	1,5		89	84	75	70	64	57	49	41
AVN 3/9	1,5	2		100	94	85	79	73	65	56	46
AVN 3/10	1,5	2		111	104	95	88	81	72	62	51

L		
mm	ΜΟΝ. ΤΡΙΦ. Kg	
480	16	
504	18	
528	18,5	
552	20	
576	20,5	19,5
650	23,5	21,5
674	24	22

Manufactured for


 by **ANAVALOS**
PUMPS

Performances range at 2900 r.p.m

AVN 5 50Hz


PUMP TYPE	MOTOR POWER		Q - CAPACITY											
	Kw	HP		m³/h	0	2	3	4	4,5	5	5,5	6	7	
AVN 5/4	0,75	1	Ολικό Μανομε- τρικό σε m H=m Total Manometric head in m	45	42	39	37	35	33	31	29	23		
AVN 5/5	1,1	1,5		56	52	49	46	44	42	39	36	28		
AVN 5/6	1,1	1,5		68	62	59	55	53	50	47	44	35		
AVN 5/7	1,5	2		79	73	69	64	62	59	55	51	40		
AVN 5/8	1,5	2		90	83	79	73	70	67	63	58	46		
AVN 5/9	2,2	3		101	93	88	82	79	75	71	65	52		
AVN 5/10	2,2	3		112	104	98	92	88	84	79	73	58		

L		
mm	MON.	ΤΡΙΦ.
Kg		
480	17,5	
504	19	
528	19,5	18,5
602	22,5	20,5
626	23	21
650	25	23,5
674	25,5	24

Manufactured for

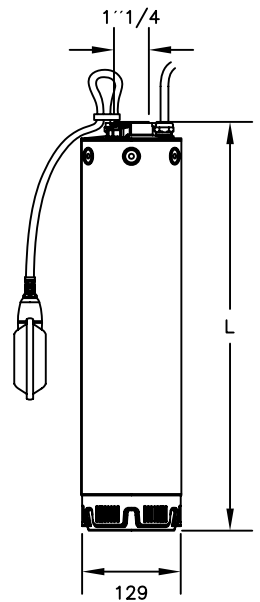
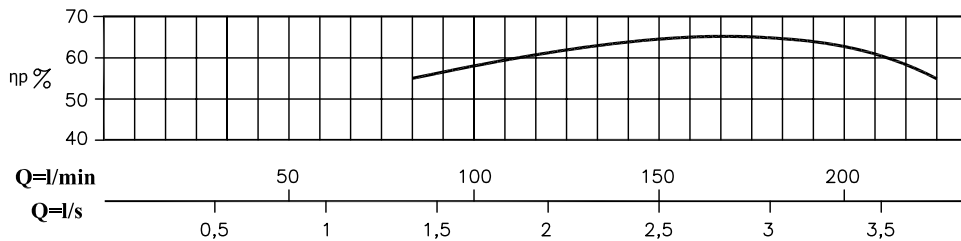
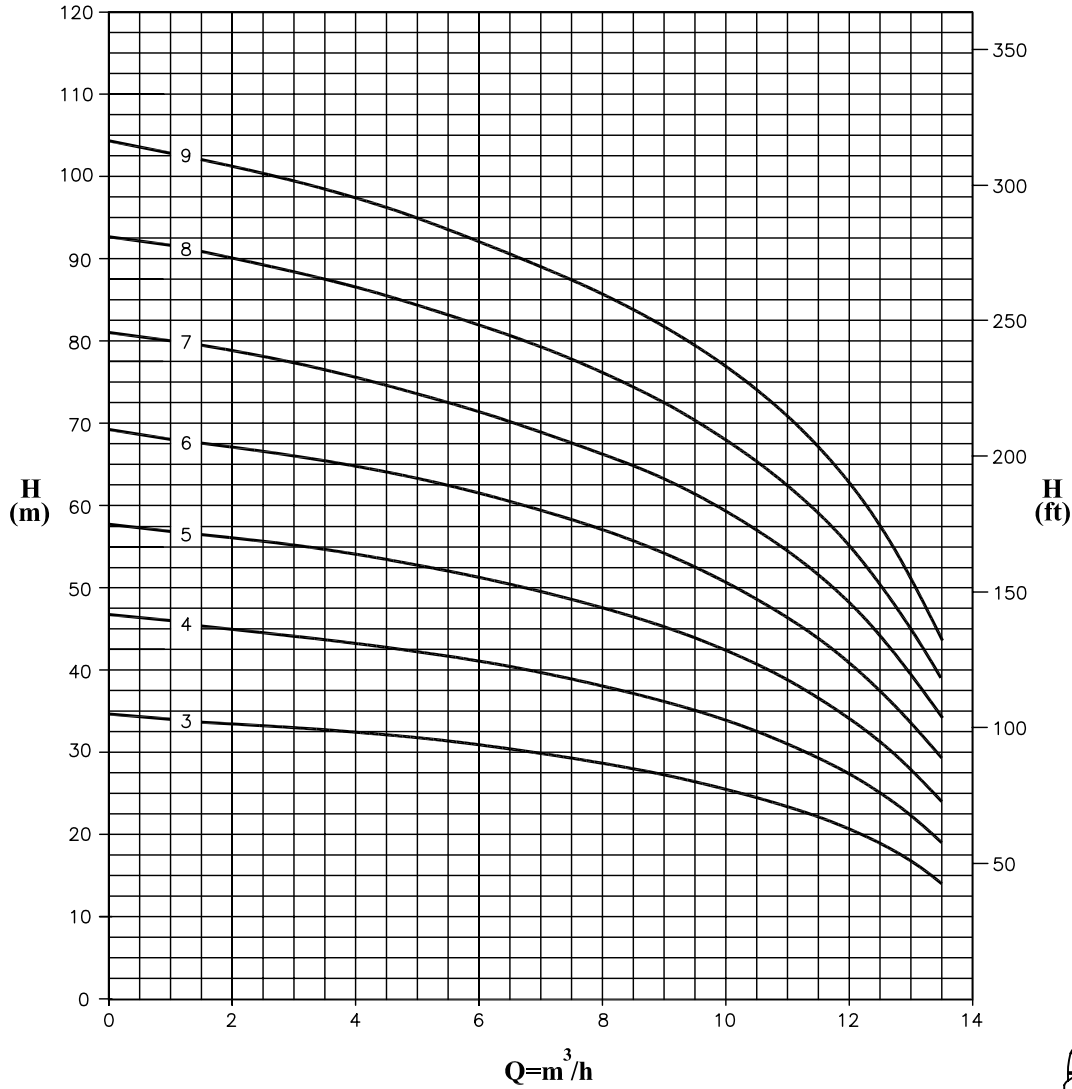
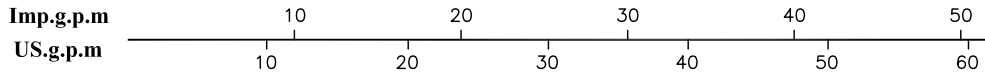


by **ANAVALOS PUMPS**

Performances range at 2900 r.p.m

AVN 9

50Hz



PUMP TYPE	MOTOR POWER		Q - CAPACITY								
			m ³ /h	0	4	6	8	9	10	12	13
	Kw	HP	l/min	0	66,6	100	133,3	150	166,6	200	216,6
AVN 9/3	1,1	1,5	Ολικό Μανομε- τρικό σε m H=m Total Manometric head in m	34	32	31	29	27	25	21	17
AVN 9/4	1,5	2		47	43	41	38	36	34	27	22
AVN 9/5	2,2	3		58	54	51	47	45	42	34	28
AVN 9/6	2,2	3		69	65	61	57	54	51	41	33
AVN 9/7	3	4		81	76	71	66	63	59	48	39
AVN 9/8	3	4		93	86	82	76	72	68	55	45
AVN 9/9	3	4		104	97	92	86	82	77	63	51

L		
mm	MON.	ΤΡΙΦ.
Kg		
504	18,5	
584	21,5	19,5
614	23,5	22
644	24,5	22,5
674		24,5
704		25
734		25,5

Manufactured for

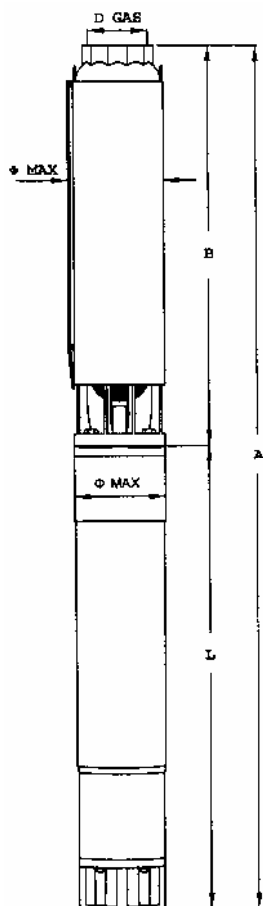

 by **ANAVALOS**
PUMPS

Performances range at 2900 r.p.m

A6SB

50Hz

PUMP-MOTOR	CAPACITY									
	m ³ /h	0	3	6	8	10	12	13	15	
	l/min	0	50	100	133	167	200	217	250	
	l/s	0	0,8	1,7	2,2	2,8	3,3	3,6	4,2	
A6SB/5 4 - 3	4"	Ολικό μανομετρικό σε μέτρα	82	76	70	65	57	46	40	27
A6SB/6 4 - 4			97	91	83	77	70	56	49	35
A6SB/7 4 - 5,5			112	105	98	91	81	66	58	42
A6SB/8 4 - 5,5			127	120	111	102	91	76	67	47
A6SB/9 4 - 5,5			142	135	126	117	105	86	75	52
A6SB/12 6 - 7,5	6"	H = m Total manometric head in metres	187	180	169	155	137	113	99	68
A6SB/15 6 - 10			236	224	207	191	169	139	120	82
A6SB/18 6 - 12,5			280	269	252	233	207	170	148	100
A6SB/21 6 - 12,5			329	316	295	273	242	200	174	121
A6SB/24 6 - 15			379	360	334	309	275	225	196	136
A6SB/28 6 - 17,5			436	417	389	359	319	260	226	154
A6SB/30SD 6 - 20			466	446	417	384	340	279	243	164
A6SB/40SD 6 - 2			623	596	556	512	455	374	326	222
A6SB/45SD 6 - 3			701	670	625	577	514	420	367	253



PUMP TYPE	MOTOR POWER		DIMENSIONS						WEIGHT IN KG		
	KW	HP	A	B	L	∅ Pump	Max Motor	D GAS	PUMP	MOTOR	TOTAL
A6SB/5	2,2	3	834	478	356	136	95	3"	9	13,5	22,5
A6SB/6	3,0	4	1018	511	507	136	95	3"	9	19	28
A6SB/7	4,0	5,5	1132	549	583	136	95	3"	10	24	34
A6SB/8	4,0	5,5	1170	587	583	136	95	3"	10	24	34
A6SB/9	4,0	5,5	1208	625	583	136	95	3"	11	24	35
A6SB/12	5,5	7,5	1437	738	699	136	143	3"	13	48	61
A6SB/15	7,5	10	1571	852	719	136	143	3"	15	50	65
A6SB/18	9,3	12,5	1715	966	749	136	143	3"	17	53	70
A6SB/21	9,3	12,5	1828	1079	749	136	143	3"	19	53	72
A6SB/24	11	15	1972	1193	779	136	143	3"	21	56	77
A6SB/28	13	17,5	2226	1397	829	136	143	3"	23	61	84
A6SB/30SD	15	20	2478	1604	874	136	143	3"	28	66	94
A6SB/40SD	18,5	25	2903	1984	919	136	143	3"	33	70	103
A6SB/45SD	22	30	3183	2174	1009	136	143	3"	37	79	116

Manufactured for

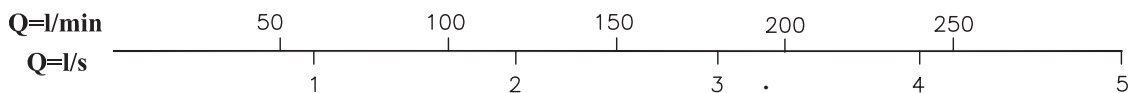
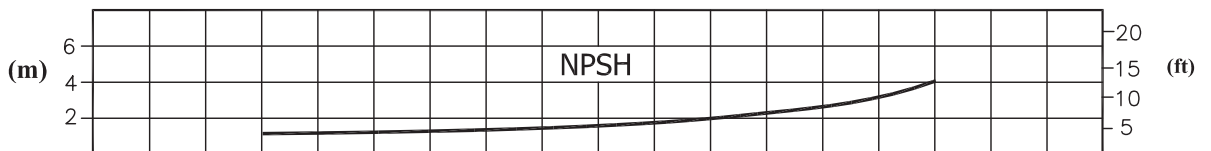
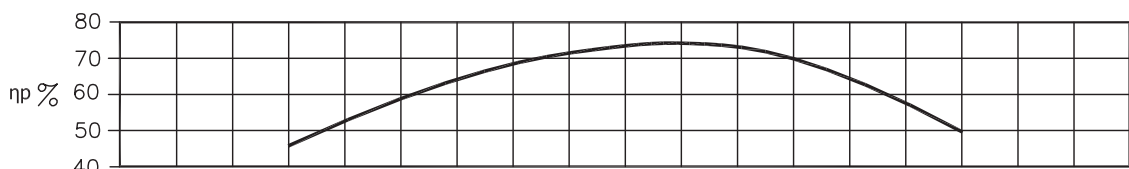
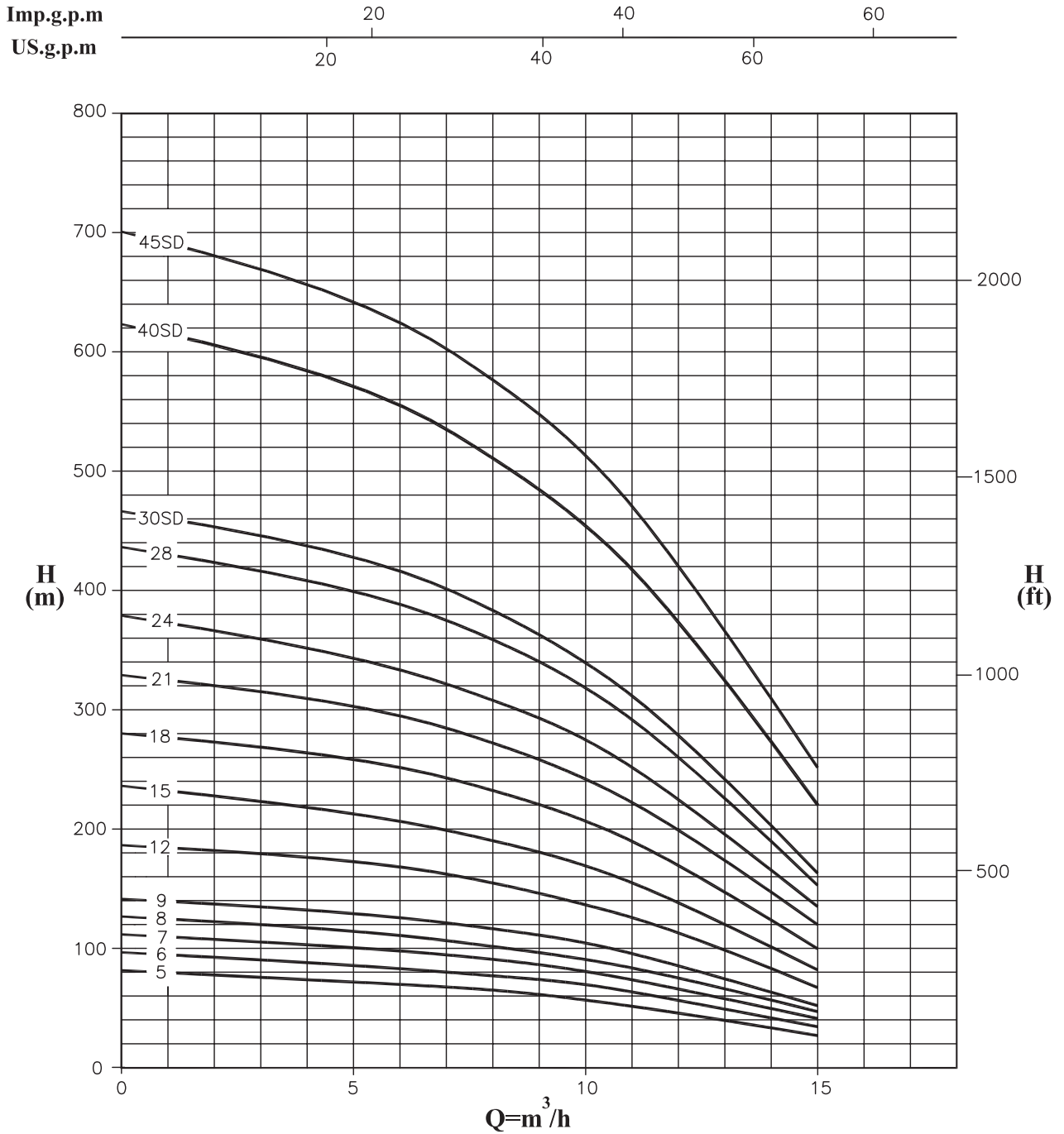


by **ANAVALOS PUMPS**

Performances range at 2900 r.p.m

A6SB

50Hz



CURVE No 2.5.10.009.1

Manufactured for



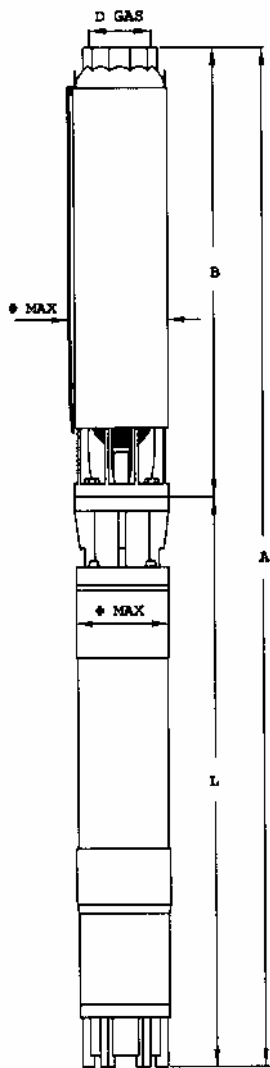
Archimedes
Pump

 by  **ANAVALOS**
PUMPS

Performances range at 2900 r.p.m

A6SD 50Hz

PUMP-MOTOR	CAPACITY									
	m ³ /h	0	6	8	10	13	15	18	20	
	l/min	0	100	133	167	217	250	300	333	
	l/s	0	1,7	2,2	2,8	3,6	4,2	5,0	5,6	
A6SD/4 4 - 4	H = m Total manometric head in metres	4"	63	61	60	58	51	43	27	16
A6SD/5 4 - 5,5			80	75	73	71	62	52	33	19
A6SD/6 4 - 5,5			93	91	88	84	75	64	41	24
A6SD/7 6 - 7,5		6"	109	104	101	98	87	73	47	28
A6SD/8 6 - 7,5			125	117	114	109	97	84	54	33
A6SD/9 6 - 7,5			142	133	129	123	109	93	61	37
A6SD/12 6 - 10			186	177	173	166	146	123	81	51
A6SD/15 6 - 12,5			234	220	214	206	183	155	100	60
A6SD/18 6 - 15			282	267	259	249	219	185	120	73
A6SD/21 6 - 17,5			327	313	305	293	260	219	143	88
A6SD/24 6 - 20			376	356	346	332	293	249	163	100
A6SD/30 6 - 25			468	444	430	412	365	309	202	125
A6SD/35SD 6 - 30		547	517	502	482	428	362	235	143	
A6SD/40SD 6 - 35		622	591	574	551	492	420	275	167	



PUMP TYPE	MOTOR POWER		DIMENSIONS						WEIGHT IN KG			
	KW	HP	A	B	L	Ø		D GAS	PUMP	MOTOR	TOTAL	
						Pump	Max Motor					
A6SD/4	4"	3	4	942	435	507	136	95	3"	8	19	27
A6SD/5		4	5,5	1061	478	583	136	95	3"	8,5	24	32,5
A6SD/6		4	5,5	1094	511	583	136	95	3"	9	24	33
A6SD/7	6"	5,5	7,5	1248	549	699	136	143	3"	9,5	48	57,5
A6SD/8		5,5	7,5	1286	587	699	136	143	3"	10	48	58
A6SD/9		5,5	7,5	1324	625	699	136	143	3"	11	48	59
A6SD/12		7,5	10	1457	738	719	136	143	3"	13	50	63
A6SD/15		9,3	12,5	1601	852	749	136	143	3"	15	53	68
A6SD/18		11	15	1745	966	779	136	143	3"	17	56	73
A6SD/21		13	17,5	1908	1079	829	136	143	3"	19	61	80
A6SD/24		15	20	2067	1193	874	136	143	3"	21	66	87
A6SD/30		18,5	25	2393	1474	919	136	143	3"	25	70	95
A6SD/35SD	22	30	2803	1794	1009	136	143	3"	31	79	110	
A6SD/40SD	26	35	3098	1984	1114	136	143	3"	35	90	125	

Manufactured for

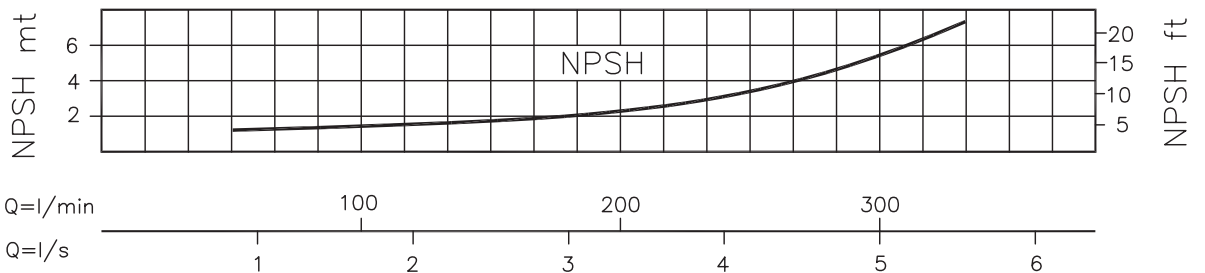
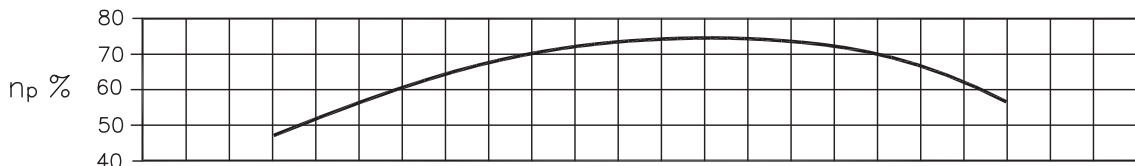
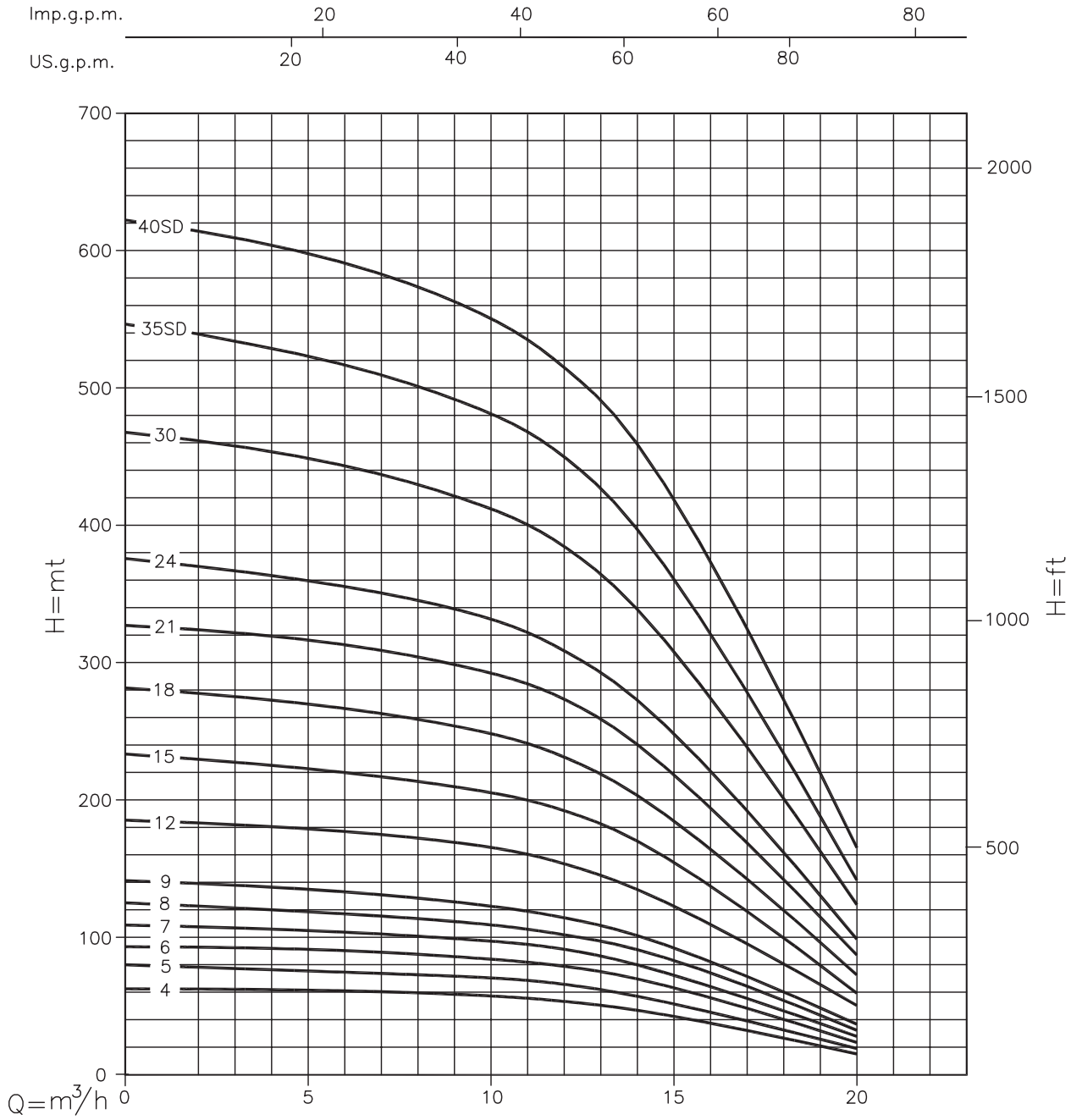


by **ANAVALOS PUMPS**

Performances range at 2900 r.p.m

A6SD

50Hz



CURVE No 2.5.10.010.1

Manufactured for



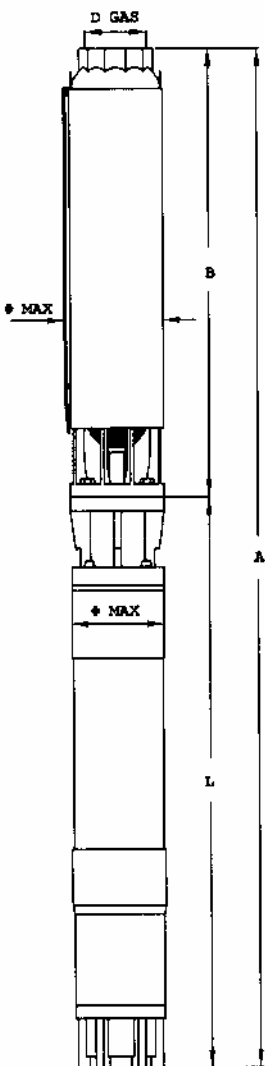
Archimedes Pump

by ANAVALOS PUMPS

Performances range at 2900 r.p.m

A6SF 50Hz

PUMP-MOTOR	CAPACITY											
	m3/h	0	10	15	20	23	25	30	35			
	l/min	0	167	250	333	383	417	500	583			
	l/s	0	2,8	4,2	5,6	6,4	6,9	8,3	9,7			
A6SF/3 4 - 4	4"	H = m	46	41	39	36	33	31	24	15		
A6SF/4 4 - 5,5			63	57	52	46	42	38	29	19		
A6SF/6 6 - 7,5			6"	Total manometric head in metres	94	83	76	68	63	59	45	27
A6SF/8 6 - 10					124	110	102	92	84	77	58	37
A6SF/10 6 - 12,5					155	136	126	114	105	96	72	46
A6SF/12 6 - 15					186	165	152	136	124	113	84	53
A6SF/14 6 - 17,5					212	191	176	158	145	133	98	62
A6SF/16 6 - 20					243	218	201	180	165	152	115	73
A6SF/20 6 - 25					306	274	252	225	206	190	142	89
A6SF/24 6 - 30					367	327	302	271	247	227	169	108
A6SF/28SD 6 - 35					428	382	352	315	288	264	198	124
A6SF/32SD 6 - 40					490	435	401	359	328	301	225	140
A6SF/39SD 6 - 50			595	530	488	438	399	367	273	170		
A6SF/44SD 6 - 60			669	598	551	493	449	412	308	194		



PUMP TYPE	MOTOR POWER		DIMENSIONS							WEIGHT IN KG		
	KW	HP	A	B	L	Ø		D GAS	PUMP	MOTOR	TOTAL	
						Pump	Max Motor					
A6SF/3	4"	3	4	961	454	507	136	95	3"	8	19	27
A6SF/4		4	5,5	1094	511	583	136	95	3"	9	24	33
A6SF/6	6"	5,5	7,5	1324	625	699	136	143	3"	11	48	59
A6SF/8		7,5	10	1457	738	719	136	143	3"	13	50	63
A6SF/10		9,3	12,5	1601	852	749	136	143	3"	14	53	67
A6SF/12		11	15	1745	966	779	136	143	3"	16	56	72
A6SF/14		13	17,5	1926	1097	829	136	143	3"	17	61	78
A6SF/16		15	20	2067	1193	874	136	143	3"	19	66	85
A6SF/20		18,5	25	2393	1474	919	136	143	3"	24	70	94
A6SF/24		22	30	2709	1700	1009	136	143	3"	28	79	107
A6SF/28SD		26	35	3174	2060	1114	136	143	3"	34	90	124
A6SF/32SD		30	40	3502	2288	1214	136	143	3"	38	100	138
A6SF/39SD	37	50	4085	2791	1294	136	143	3"	45	107	152	
A6SF/44SD	45	60	4633	3076	1557	136	137	3"	51	148	199	

Manufactured for



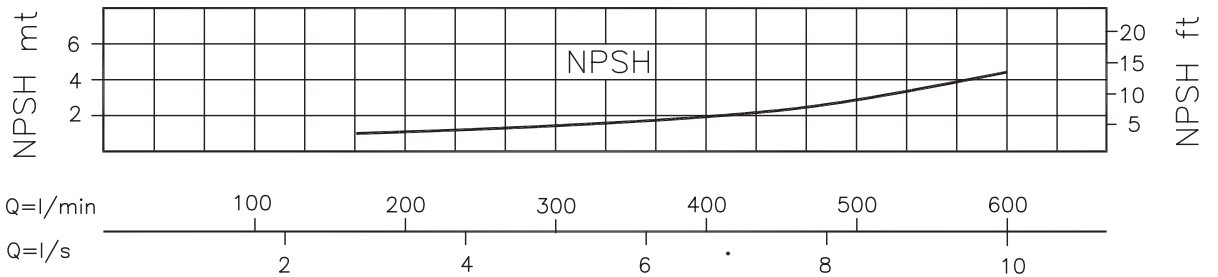
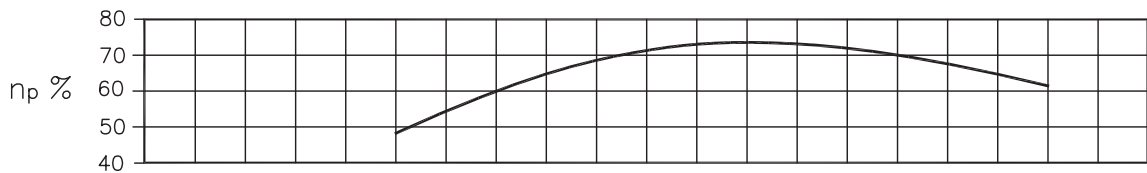
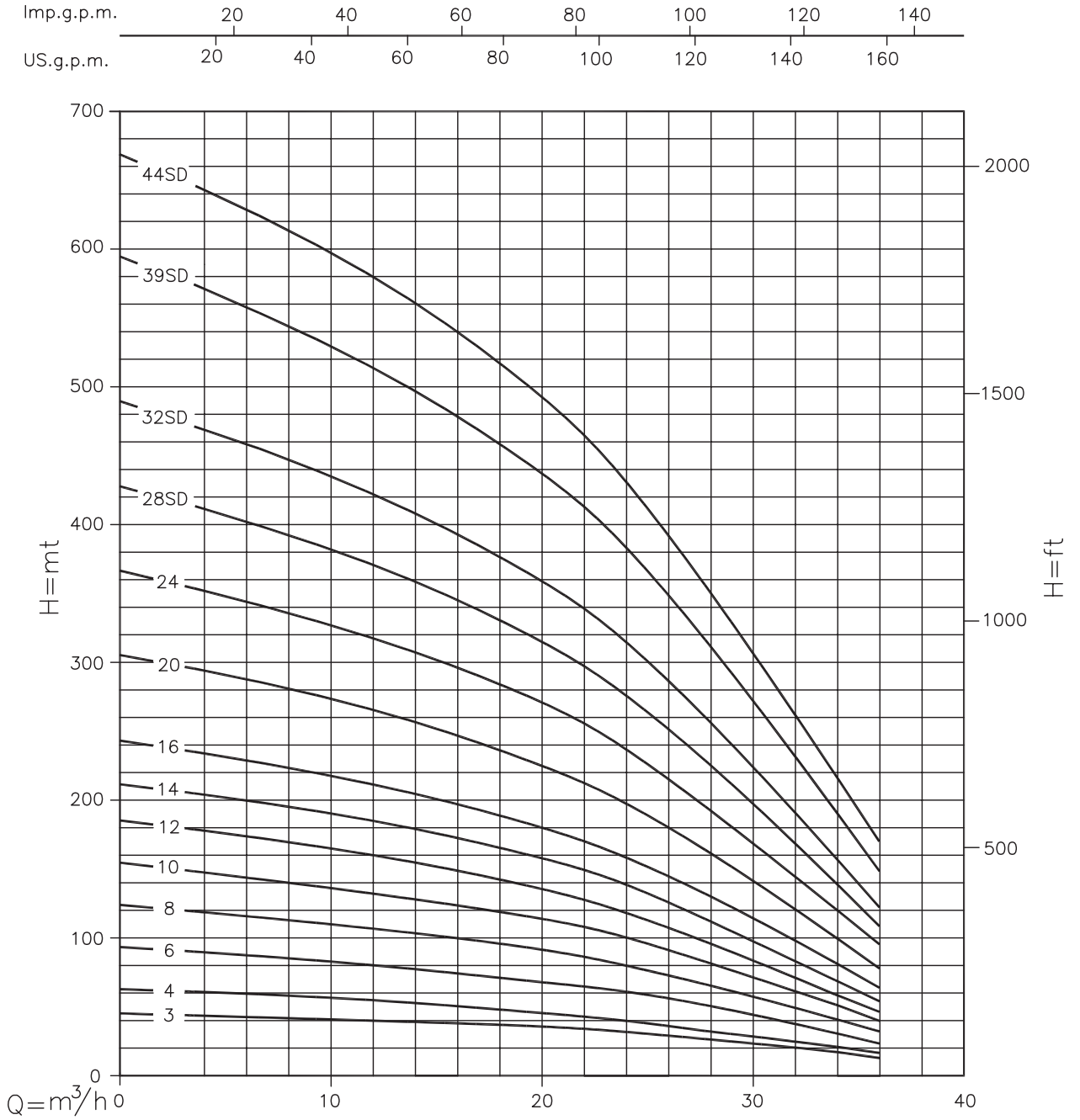
by



Performances range at 2900 r.p.m

A6SF

50Hz



CURVE No 2.5.10.011.1

Manufactured for



Archimedes
Pump

by


ANAVALOS
PUMPS

Performances range at 2900 r.p.m

A6SH
50Hz

PUMP-MOTOR		CAPACITY									
		m ³ /h	0	15	20	25	30	35	40	45	
		l/min	0	250	333	417	500	583	666	750	
		l/s	0	4,2	5,6	6,9	8,3	9,7	11,1	12,5	
A6SH/2	4 - 4	4"	H = m	32	31	29	28	25	21	15	11
A6SH/3	4 - 5,5			48	43	42	40	37	32	24	16
A6SH/4	4 - 7,5			64	59	56	53	48	41	31	21
A6SH/5	6 - 10	6"	Total manometric head in metres	79	73	69	65	59	51	39	26
A6SH/6	6 - 12,5			95	88	84	79	71	61	46	33
A6SH/8	6 - 15			126	116	111	105	95	81	61	42
A6SH/9	6 - 17,5			141	130	124	117	107	91	68	46
A6SH/10	6 - 20			155	146	140	131	118	101	76	52
A6SH/12	6 - 25			190	177	169	158	143	121	91	62
A6SH/15	6 - 30			234	219	209	197	179	152	115	78
A6SH/18	6 - 35			281	262	251	236	214	182	138	94
A6SH/20	6 - 40			312	292	280	262	238	202	152	104
A6SH/24	6 - 50			374	349	334	314	284	241	182	122
A6SH/28SD	6 - 60	437	406	389	366	333	283	214	145		

PUMP TYPE	MOTOR POWER		DIMENSIONS						WEIGHT IN KG			
	KW	HP	A	B	L	∅ Pump	Max Motor	D GAS	PUMP	MOTOR	TOTAL	
A6SH/2	4"	3	4	910	403	507	136	95	3"	6	19	25
A6SH/3		4	5,5	1046	463	583	136	95	3"	7	24	31
A6SH/4		5,5	7,5	1220	522	698	136	95	3"	8	29	37
A6SH/5	6"	7,5	10	1301	582	719	136	143	3"	9	50	59
A6SH/6		9,3	12,5	1391	642	749	136	143	3"	10	53	63
A6SH/8		11	15	1541	762	779	136	143	3"	12	56	68
A6SH/9		13	17,5	1651	822	829	136	143	3"	13	61	74
A6SH/10		15	20	1756	882	874	136	143	3"	14	66	80
A6SH/12		18,5	25	1921	1002	919	136	143	3"	16	70	86
A6SH/15		22	30	2191	1182	1009	136	143	3"	19	79	98
A6SH/18		26	35	2528	1414	1114	136	143	3"	22	90	112
A6SH/20		30	40	2748	1534	1214	136	143	3"	25	100	125
A6SH/24		37	50	3198	1904	1294	136	143	3"	30	107	137
A6SH/28SD	45	60	3701	2144	1557	136	137	3"	35	148	183	

Manufactured for



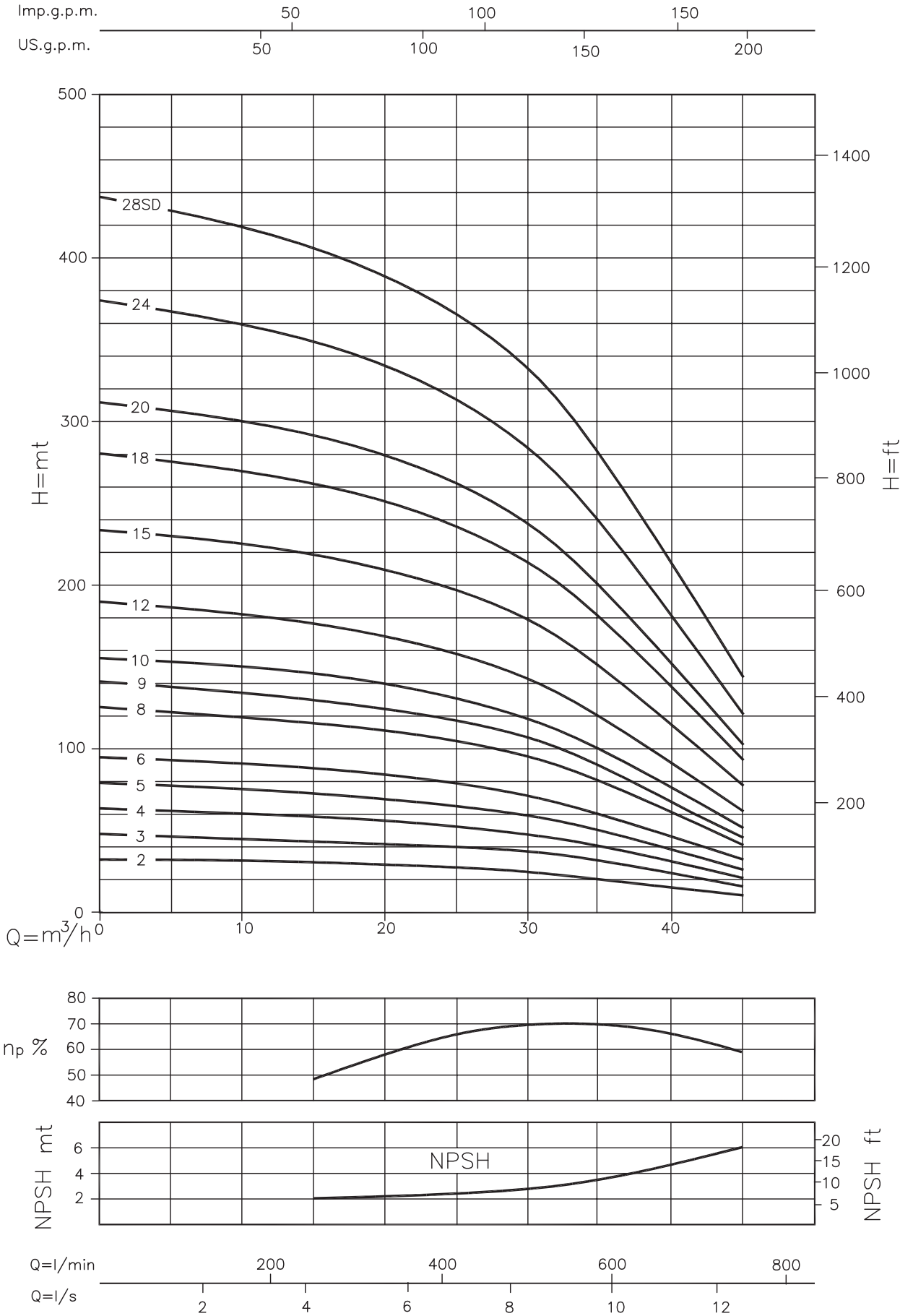
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Performances range at 2900 r.p.m

A6SH

50Hz



CURVE No 2.5.10.012.1

Manufactured for



Archimedes
Pump

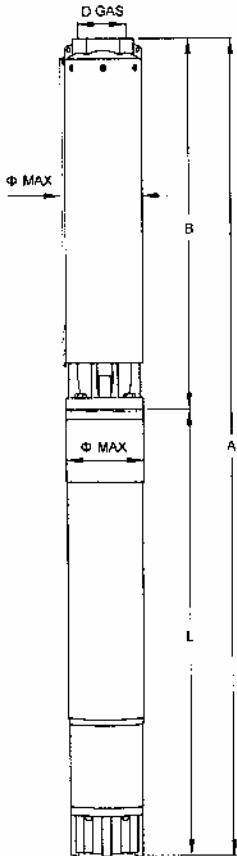
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ANAVALOS
PUMPS

Performances range at 2900 r.p.m

AVS13 50Hz

PUMP - MOTOR		CAPACITY									
		m ³ /h	0	6	8	10	12	14	16	18	
		l/min	0	100	133	167	200	233	267	300	
		l/s	0	1,7	2,2	2,8	3,3	3,9	4,4	5	
A613 / 6	4 - 4	4"	Total manometric head in metres	71	65	62	58	53	47	37	24
A613 / 8	4 - 5,5			95	86	82	77	71	62	49	33
A613 / 10	4 - 7,5			119	108	102	96	89	78	61	41
A613 / 13	4 - 7,5			154	140	133	125	115	101	79	53
A613 / 15	6 - 10			178	162	154	144	133	117	92	61
A613 / 17	6 - 10	6"		202	183	174	163	150	132	104	69
A613 / 19	6 - 12,5			226	205	195	182	168	149	116	78
A613 / 21	6 - 12,5			249	226	215	201	185	163	128	85
A613 / 23	6 - 15			273	249	236	221	203	179	140	94
A613 / 25	6 - 15			297	270	256	240	220	195	152	102
A613 / 29	6 - 17,5			344	313	297	278	256	226	177	118
A613 / 32	6 - 20			380	345	328	307	282	249	195	130
A613 / 34	6 - 20			404	367	349	326	300	265	207	138
A613 / 36	6 - 25			428	388	369	345	317	280	219	146
A613 / 38	6 - 25			452	409	390	365	334	295	231	154
A613 / 40	6 - 30	475		431	410	384	352	311	243	162	
A613 / 42	6 - 30	499		452	431	403	370	326	256	170	



PUMP TYPE	MOTOR POWER		DIMENSIONS						WEIGHT IN KG		
	kW	HP	A	B	L	Ø Max		D gas	PUMP	MOTOR	TOTAL
						PUMP	MOTOR				
A613 / 6	3,0	4,0	893	386	507	140	95	2" 1/2	11,5	19	30,5
A613 / 8	4,0	5,5	1029	446	583	140	95	2" 1/2	13	24	37
A613 / 10	5,5	7,5	1204	506	698	140	95	2" 1/2	14,5	29	43,5
A613 / 13	5,5	7,5	1294	596	698	140	95	2" 1/2	16,5	29	45,5
A613 / 15	7,5	10	1375	656	719	140	143	2" 1/2	18	50	68
A613 / 17	7,5	10	1435	716	719	140	143	2" 1/2	19,5	50	69,5
A613 / 19	9,3	12,5	1525	776	749	140	143	2" 1/2	21	53	74
A613 / 21	9,3	12,5	1584	835	749	140	143	2" 1/2	22,5	53	75,5
A613 / 23	11	15	1690	911	779	140	143	2" 1/2	24	56	80
A613 / 25	11	15	1765	986	779	140	143	2" 1/2	25,5	56	81,5
A613 / 29	13	17,5	1965	1136	829	140	143	2" 1/2	29	61	90
A613 / 32	15	20	2040	1166	874	140	143	2" 1/2	30,5	66	96,5
A613 / 34	15	20	2100	1226	874	140	143	2" 1/2	32,5	66	98,5
A613 / 36	18,5	25	2205	1286	919	140	143	2" 1/2	33,5	70	103,5
A613 / 38	18,5	25	2265	1346	919	140	143	2" 1/2	35	70	105
A613 / 40	22	30	2475	1466	1009	140	143	2" 1/2	37	79	116
A613 / 42	22	30	2475	1466	1009	140	143	2" 1/2	38	79	117

Manufactured for

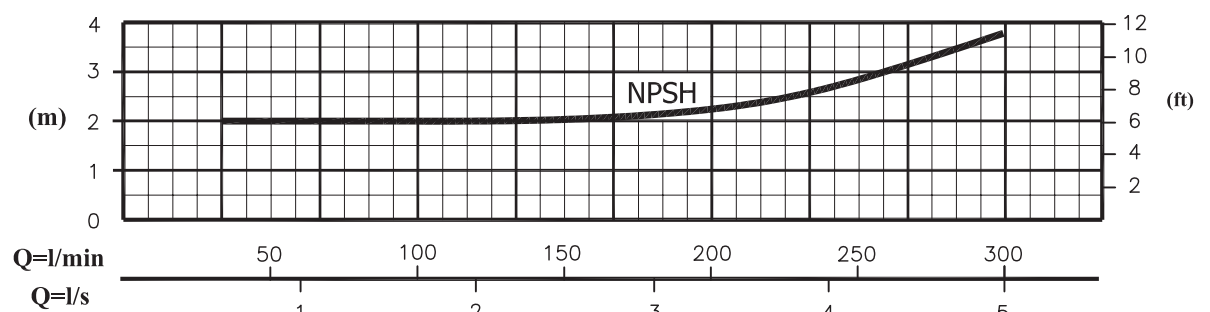
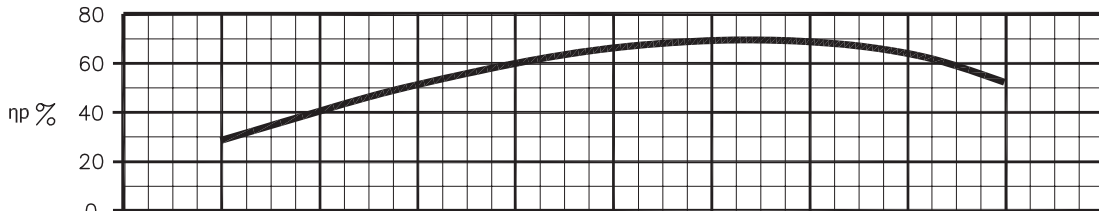
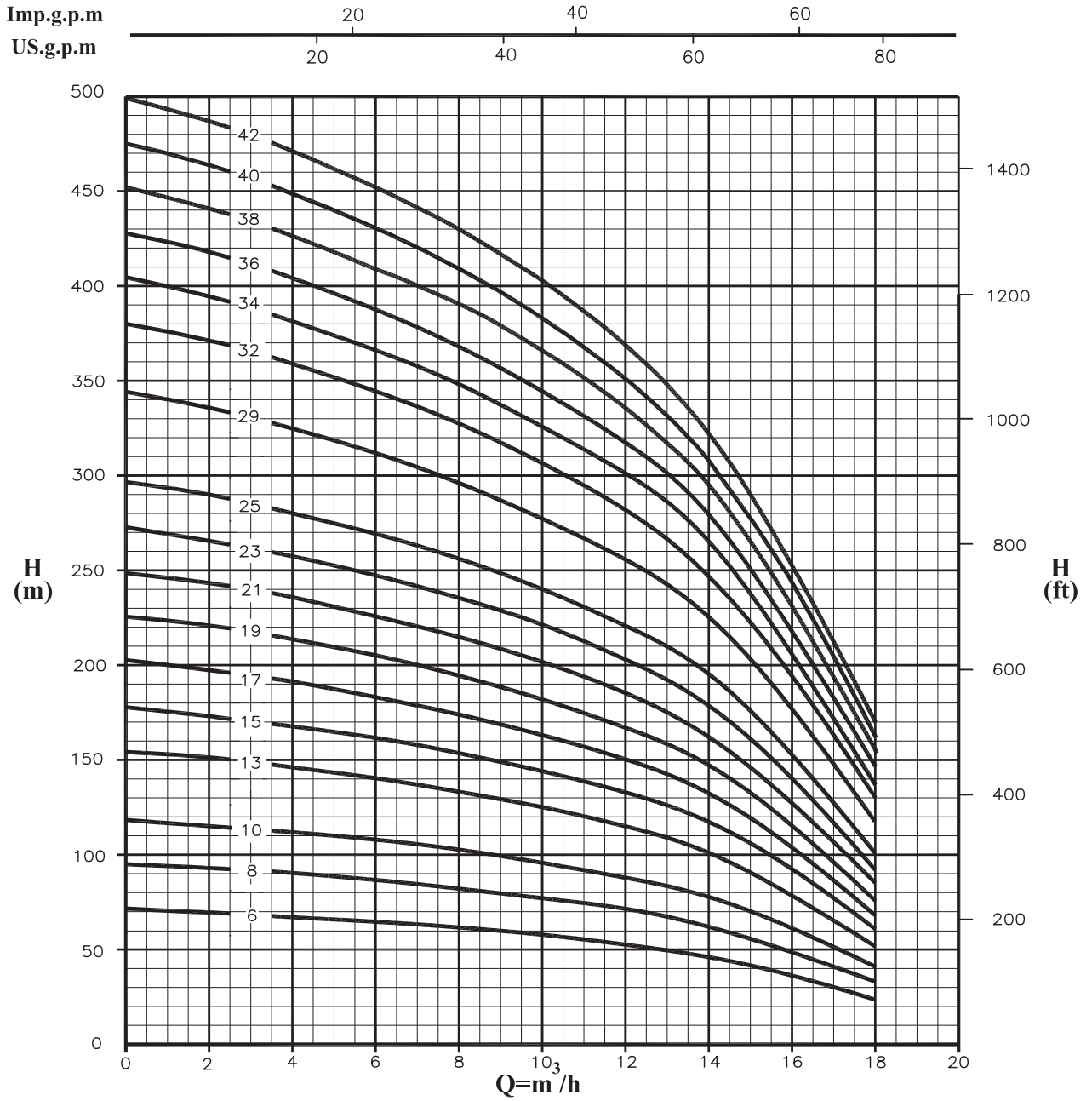


by **ANAVALOS PUMPS**

Performances range at 2900 r.p.m

AVS13

50Hz



Manufactured for



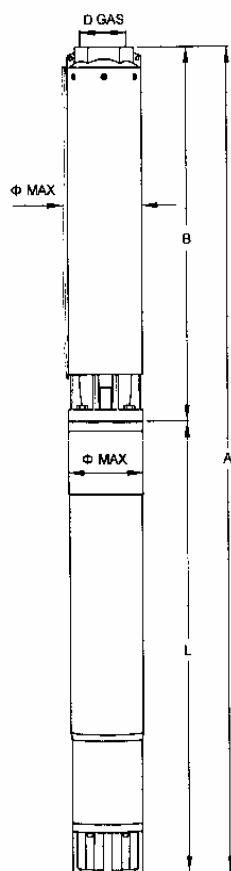
Archimedes
Pump

 by  **ANAVALOS**
PUMPS

Performances range at 2900 r.p.m

AVS18 50Hz

PUMP - MOTOR		CAPACITY									
		m ³ /h	0	10	15	18	20	23	25	27	
		l/min	0	167	250	300	333	383	417	450	
		l/s	0	2,8	4,2	5	5,6	6,4	6,9	7	
A618 / 6	4 - 5,5	4"	Ολικό μανομετρικό σε μέτρα	71	66	60	53	48	38	30	21
A618 / 9	4 - 7,5			107	99	90	80	72	56	45	31
A618 / 12	6 - 10	6"	H = m	142	132	119	106	96	76	60	41
A618 / 15	6 - 12,5			178	165	149	133	120	95	75	51
A618 / 18	6 - 15			213	198	179	160	145	114	90	62
A618 / 21	6 - 17,5			249	231	209	186	169	133	105	73
A618 / 22	6 - 20			260	242	219	195	177	140	110	76
A618 / 24	6 - 20			284	264	239	213	193	153	120	83
A618 / 26	6 - 25			308	286	259	230	209	165	130	90
A618 / 28	6 - 25			331	308	278	248	225	178	140	97
A618 / 30	6 - 25			355	330	298	266	241	191	150	103
A618 / 33	6 - 30			391	363	328	292	265	210	165	114
A618 / 36	6 - 30			426	396	358	319	289	229	180	124
A618 / 38	6 - 35			450	418	378	337	305	239	190	131
A618 / 40	6 - 35			473	440	398	354	321	249	200	138
A618 / 42	6 - 40			497	462	418	372	337	262	210	145



PUMP TYPE	MOTOR POWER	Δ DIMENSIONS							WEIGHT IN KG			
		kW	HP	A	B	L	Ø Max		D gas			
							PUMP	MOTOR				
A618 / 6	4	5,5	1014	431	583	140	95	2" 1/2	11,5	24	35,5	
A618 / 9	5,5	7,5	1241,5	543,5	698	140	95	2" 1/2	14	29	43	
A618 / 12	7,5	10	1375	656	719	140	143	2" 1/2	16,5	50	66,5	
A618 / 15	9,3	12,5	1517,5	768,5	749	140	143	2" 1/2	19	53	72	
A618 / 18	11	15	1660	881	779	140	143	2" 1/2	21,5	56	77,5	
A618 / 21	13	17,5	1822,5	993,5	829	140	143	2" 1/2	24	61	85	
A618 / 22	15	20	1905	1031	874	140	143	2" 1/2	25	66	91	
A618 / 24	15	20	1980	1106	874	140	143	2" 1/2	26,5	66	92,5	
A618 / 26	18,5	25	2100	1181	919	140	143	2" 1/2	28	70	98	
A618 / 28	18,5	25	2175	1256	919	140	143	2" 1/2	30	70	100	
A618 / 30	18,5	25	2250	1331	919	140	143	2" 1/2	31,5	70	101,5	
A618 / 33	22	30	2452,5	1443,5	1009	140	143	2" 1/2	34	79	113	
A618 / 36	22	30	2565	1556	1009	140	143	2" 1/2	36	79	115	
A618 / 38	26	35	2782	1668	1114	140	143	2" 1/2	38,5	90	128,5	
A618 / 40	26	35	2967	1853	1114	140	143	2" 1/2	41	90	131	
A618 / 42	30	40	3067	1853	1214	140	143	2" 1/2	42	100	142	

Manufactured for

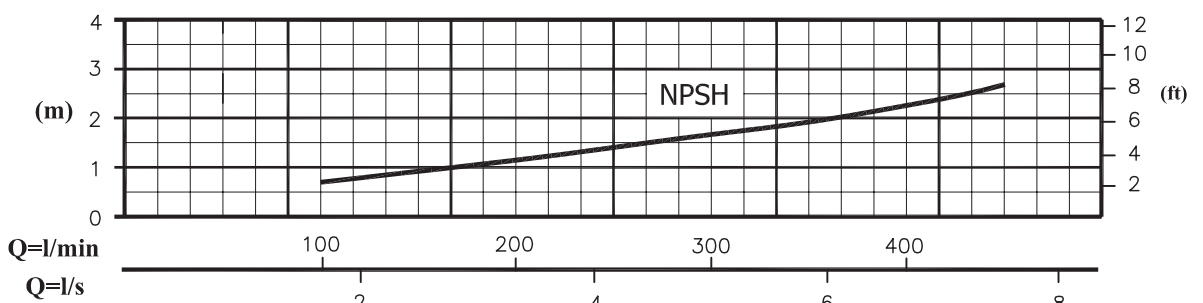
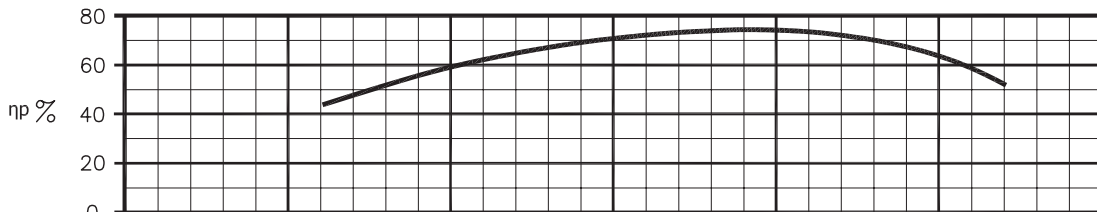
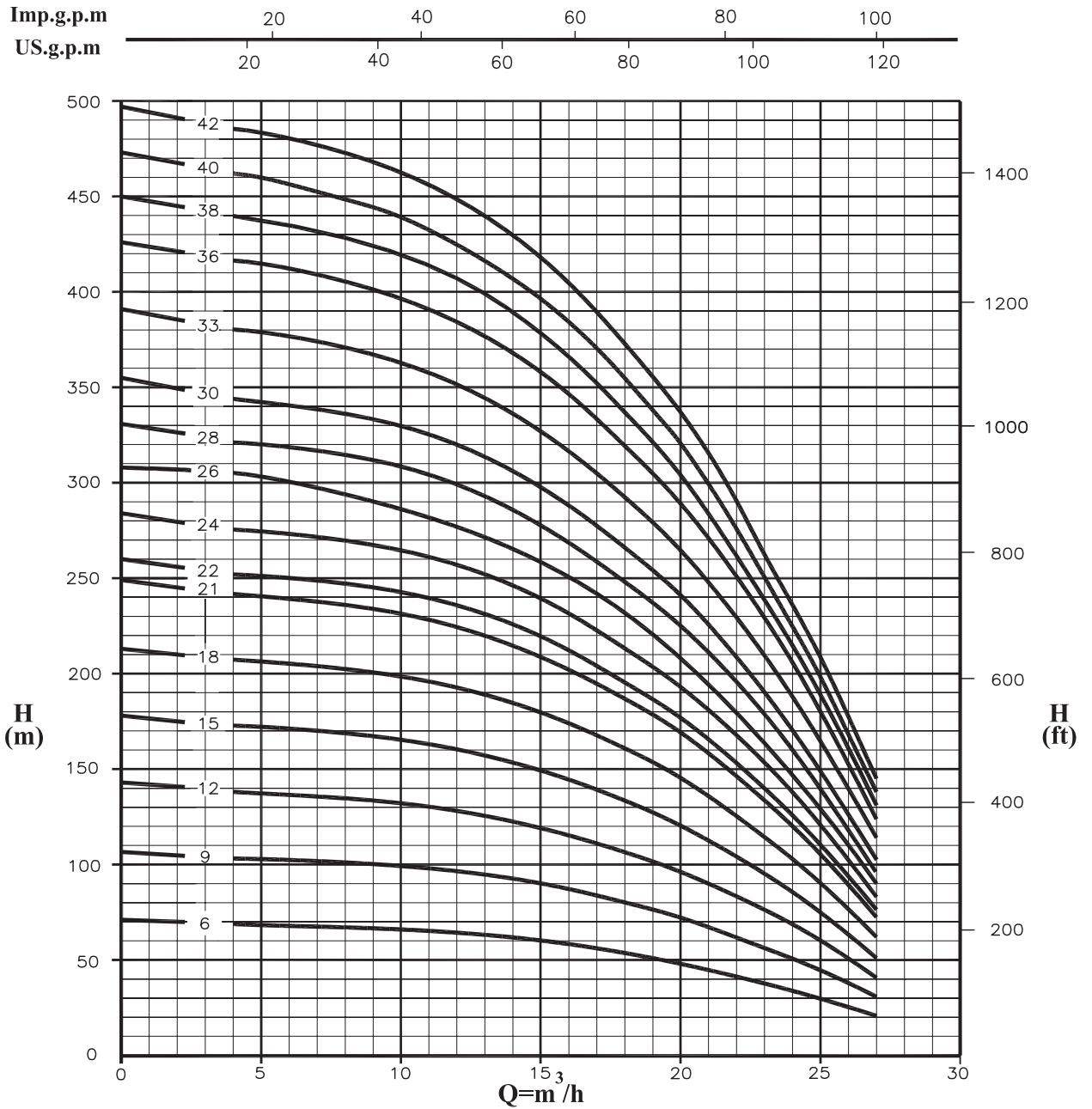


by **ANAVALOS PUMPS**

Performances range at 2900 r.p.m

AVS18

50Hz



Manufactured for



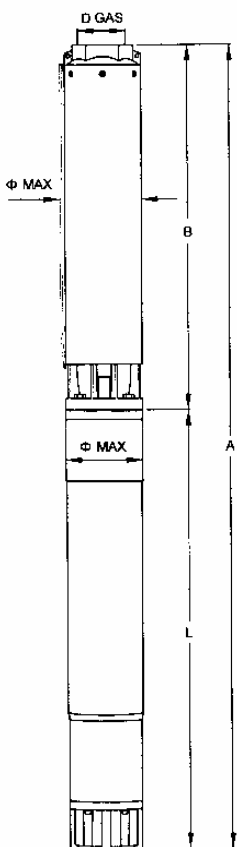
Archimedes
Pump

by **ANAVALOS**
PUMPS

Performances range at 2900 r.p.m

AVS27 50Hz

PUMP - MOTOR		CAPACITY									
		m ³ /h	0	15	20	25	27	30	35	40	
		l/min	0	250	333	417	450	500	583	667	
		l/s	0	4,2	5,6	7	7,5	8,3	9,7	11	
A627 / 3	4 - 4	4"	H = m Total manometric head in metres	36	34	32	29	27	25	20	13
A627 / 4	4 - 5,5			49	45	43	39	36	33	26	17
A627 / 5	4 - 7,5			61	57	53	48	45	41	32	22
A627 / 7	6 - 10	6"		85	79	75	68	64	57	45	31
A627 / 9	6 - 12,5			109	102	96	87	82	74	58	39
A627 / 11	6 - 15			133	125	117	106	100	90	71	48
A627 / 13	6 - 17,5			158	147	138	125	118	107	84	57
A627 / 15	6 - 20			182	170	160	145	136	123	97	66
A627 / 19	6 - 25			230	215	202	183	173	156	123	83
A627 / 23	6 - 30			279	260	245	222	209	188	148	100
A627 / 25	6 - 35			303	283	266	241	227	205	161	109
A627 / 27	6 - 35			327	306	287	260	246	221	174	118
A627 / 29	6 - 40			352	328	309	280	264	238	187	126
A627 / 31	6 - 40			376	351	330	299	282	254	200	135
A627 / 33	6 - 50			400	374	351	318	300	270	213	144
A627 / 36	6 - 50			437	408	383	347	327	295	232	157



PUMP TYPE	MOTOR POWER		DIMENSIONS						WEIGHT IN KG			
	kW	HP	A	B	L	Max		D gas	PUMP	MOTOR	TOTAL	
						Ø PUMP	MOTOR					
A627 / 3	4"	3	4	872,5	365,5	507	140	95	3"	10,5	19	29,5
A627 / 4		4	5,5	995	412	583	140	95	3"	11,5	24	35,5
A627 / 5		5,5	7,5	1156,5	458,5	698	140	95	3"	12,5	29	41,5
A627 / 7	6"	7,5	10	1270,5	551,5	719	140	143	3"	14,5	50	64,5
A627 / 9		9,3	12,5	1393,5	644,5	749	140	143	3"	16,5	53	69,5
A627 / 11		11	15	1516,5	737,5	779	140	143	3"	18,5	56	74,5
A627 / 13		13	17,5	1706	877	829	140	143	3"	21	61	82
A627 / 15		15	20	1797,5	923,5	874	140	143	3"	22	66	88
A627 / 19		18,5	25	2028,5	1109,5	919	140	143	3"	26	70	96
A627 / 23		22	30	2304,5	1295,5	1009	140	143	3"	30	79	109
A627 / 25		26	35	2502,5	1388,5	1114	140	143	3"	32	90	122
A627 / 27		26	35	2595,5	1481,5	1114	140	143	3"	34	90	124
A627 / 29		30	40	2788,5	1574,5	1214	140	143	3"	36	100	136
A627 / 31		30	40	2881,5	1667,5	1214	140	143	3"	38	100	138
A627 / 33		37	50	3054	1760	1294	140	143	3"	40	107	147
A627 / 36		37	50	3193,5	1899,5	1294	140	143	3"	43	107	150

Manufactured for

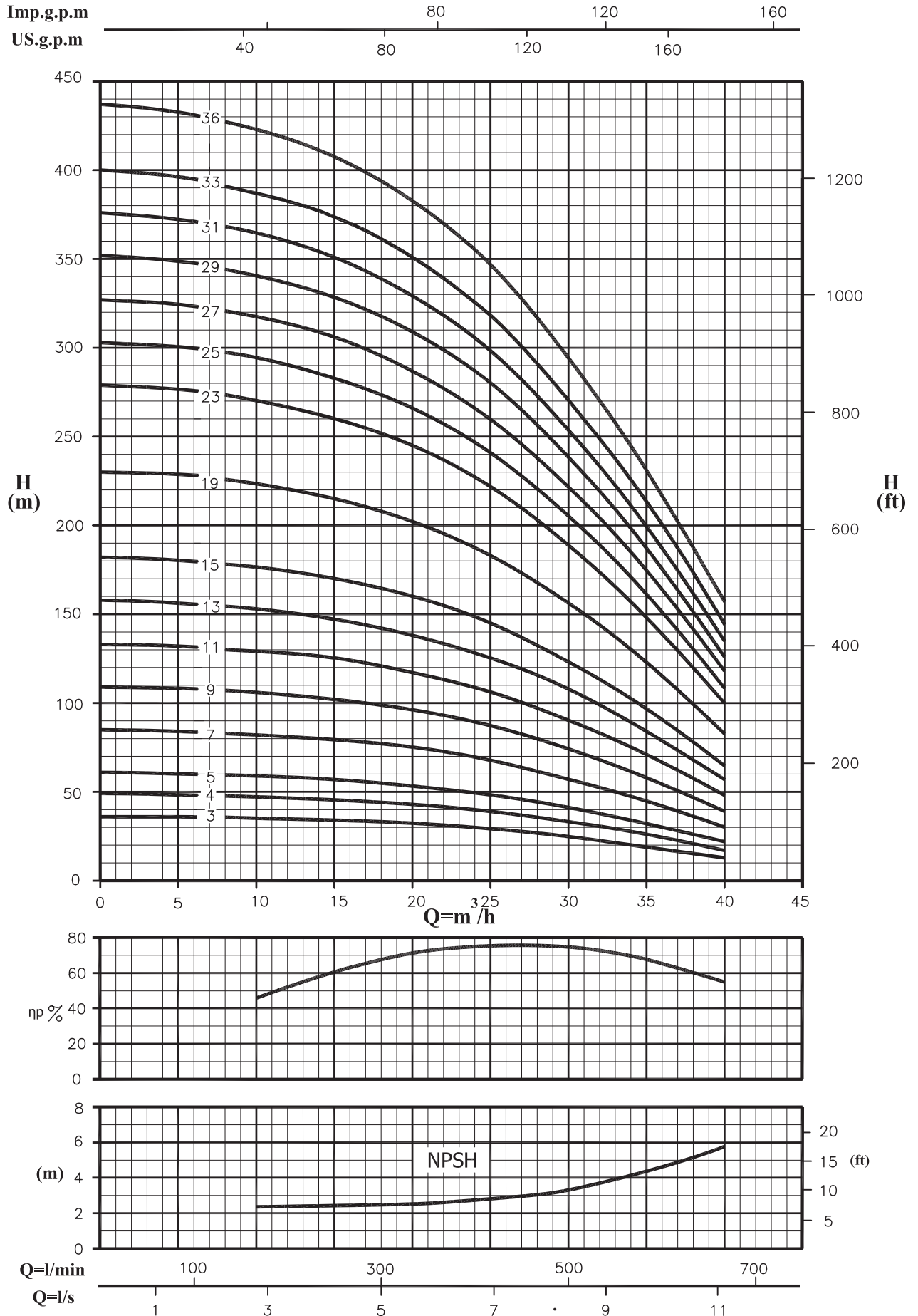


by **ANAVALOS PUMPS**

Performances range at 2900 r.p.m

AVS27

50Hz



Manufactured for



Archimedes
Pump

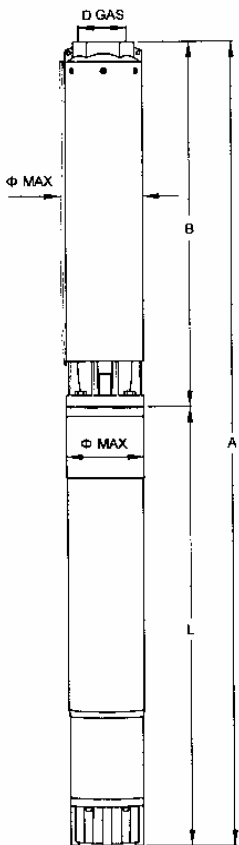
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ANAVALOS
PUMPS

Performances range at 2900 r.p.m

AVS45 50Hz

PUMP - MOTOR			CAPACITY								
			m ³ /h	0	20	30	35	40	45	50	60
			l/min	0	333	500	583	667	750	833	1000
			l/s	0	5,6	8,3	10	11	12,5	14	16,7
A645 / 2	4 - 4	4"	Total manometric head in metres	28	25	22	21	19	17	15	10
A645 / 3	4 - 7,5			42	38	33	31	28	25	22	14
A645 / 5	6 - 10	6"		71	63	56	52	47	42	37	24
A645 / 7	6 - 15			99	87	78	72	66	59	51	33
A645 / 9	6 - 17,5			127	113	100	93	85	76	66	42
A645 / 10	6 - 20			141	125	111	104	95	85	74	47
A645 / 12	6 - 25			169	150	133	124	113	101	88	56
A645 / 15	6 - 30			212	188	167	155	142	127	110	70
A645 / 18	6 - 35			254	225	200	186	170	152	132	84
A645 / 20	6 - 40			282	250	222	207	189	169	147	94
A645 / 22	6 - 50			310	275	244	228	208	186	162	103
A645 / 24	6 - 50			338	300	266	248	227	203	176	113



PUMP TYPE	MOTOR POWER		DIMENSIONS						WEIGHT IN KG													
	KW	HP	A	B	L	Ø Max		D gas	PUMP	MOTOR	TOTAL											
						PUMP	MOTOR															
A645 / 2	3	4	872,5	365,5	507	140	95	3"	11	19	30											
A645 / 3												5,5	7,5	1156,5	458,5	698	140	95	3"	13,5	29	42,5
A645 / 5	7,5	10	1363,5	644,5	719	140	143	3"	18	50	68											
A645 / 7												11	15	1609,5	830,5	779	140	143	3"	22,5	56	78,5
A645 / 9												13	17,5	1845,5	1016,5	829	140	143	3"	27	61	88
A645 / 10												15	20	1983,5	1109,5	874	140	143	3"	29,5	66	95,5
A645 / 12												18,5	25	2214,5	1295,5	919	140	143	3"	34	70	104
A645 / 15												22	30	2583,5	1574,5	1009	140	143	3"	40,5	79	119,5
A645 / 18												26	35	2967,5	1853,5	1114	140	143	3"	47,5	90	137,5
A645 / 20												30	40	3253,5	2039,5	1214	140	143	3"	52	100	152
A645 / 22												37	50	3519,5	2225,5	1294	140	143	3"	56,5	107	163,5
A645 / 24												37	50	3705,5	2411,5	1294	140	143	3"	61	107	168

Manufactured for



by **ANAVALOS PUMPS**

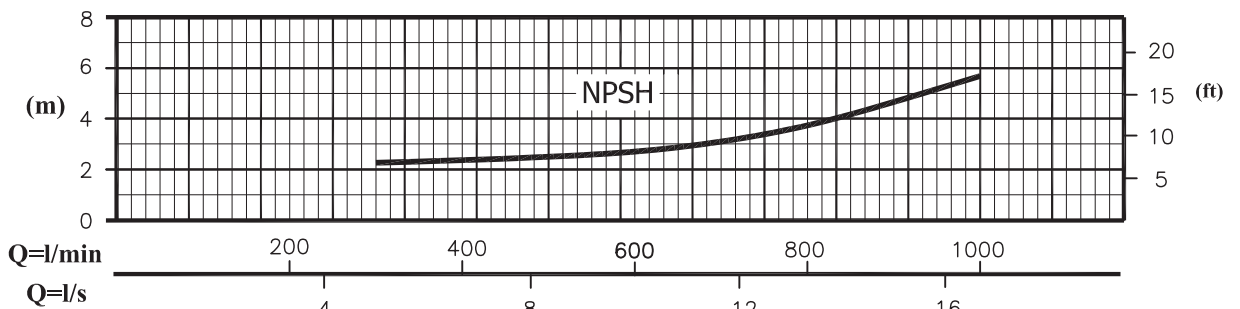
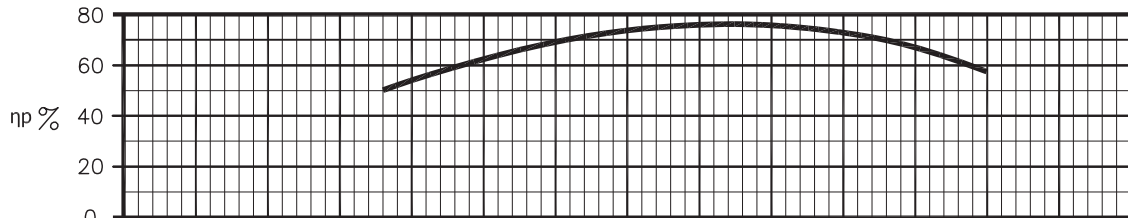
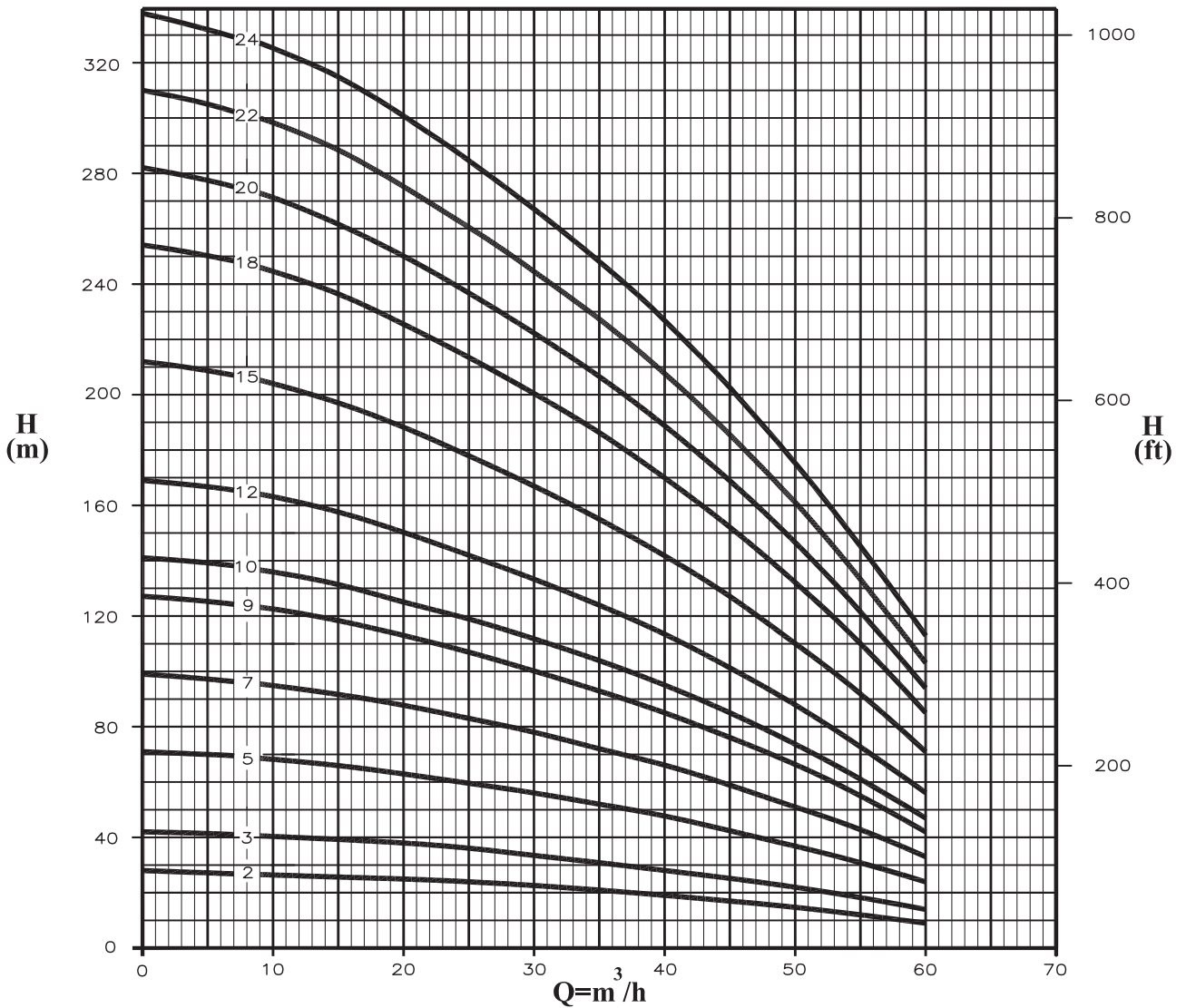
Performances range at 2900 r.p.m

AVS45

50Hz

Imp.g.p.m
US.g.p.m

40 80 120 160 200 240
40 80 120 160 200 240 280



Manufactured for



Archimedes
Pump

by

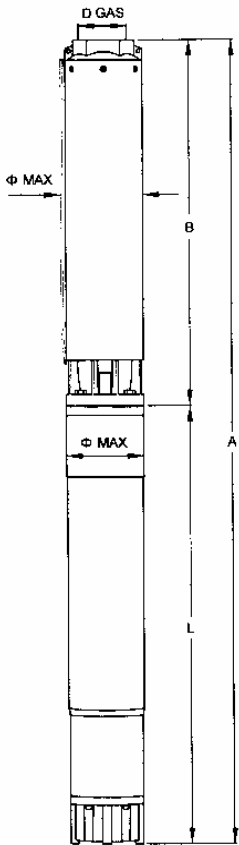

ANAVALOS
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Performances range at 2900 r.p.m

AVS60

50Hz

PUMP - MOTOR		CAPACITY									
		m ³ /h	0	20	30	40	50	55	60	70	
		l/min	0	333	500	667	833	917	1000	1167	
		l/s	0	5,6	8,3	11	14	15,3	17	19,4	
A660 / 2	4 - 5,5	4"	H = m Total manometric in metres	28	25	22	19	17	15	14	9
A660 / 3	4 - 7,5			40	37	34	29	25	22	20	15
A660 / 5	6 - 12,5			69	62	55	47	40	36	32	24
A660 / 7	6 - 17,5			96	86	77	67	57	51	45	34
A660 / 9	6 - 20			124	110	99	87	73	66	58	43
A660 / 10	6 - 25			138	123	110	96	81	73	64	47
A660 / 12	6 - 30			165	147	132	116	98	88	78	58
A660 / 14	6 - 35			192	172	155	136	114	102	90	67
A660 / 16	6 - 40			220	196	177	155	130	116	103	76
A660 / 18	6 - 40			248	221	199	174	146	130	116	85



PUMP TYPE	MOTOR POWER		DIMENSIONS						WEIGHT IN KG		
	KW	HP	A	B	L	∅ Max		D gas	PUMP	MOTOR	TOTAL
						PUMP	MOTOR				
A660 / 2	4	5,5	948,5	365,5	583	140	95	3"	11,5	24	35,5
A660 / 3	5,5	7,5	1156,5	458,5	698	140	95	3"	13,5	29	42,5
A660 / 5	9,3	12,5	1393,5	644,5	749	140	143	3"	18	53	71
A660 / 7	13	17,5	1659,5	830,5	829	140	143	3"	23	61	84
A660 / 9	15	20	1890,5	1016,5	874	140	143	3"	27,5	66	93,5
A660 / 10	18,5	25	2028,5	1109,5	919	140	143	3"	30	70	100
A660 / 12	22	30	2304,5	1295,5	1009	140	143	3"	34,5	79	113,5
A660 / 14	26	35	2595,5	1481,5	1114	140	143	3"	39	90	129
A660 / 16	30	40	2881,5	1667,5	1214	140	143	3"	43,5	100	143,5
A660 / 18	30	40	3067,5	1853,5	1214	140	143	3"	48	100	148

Manufactured for

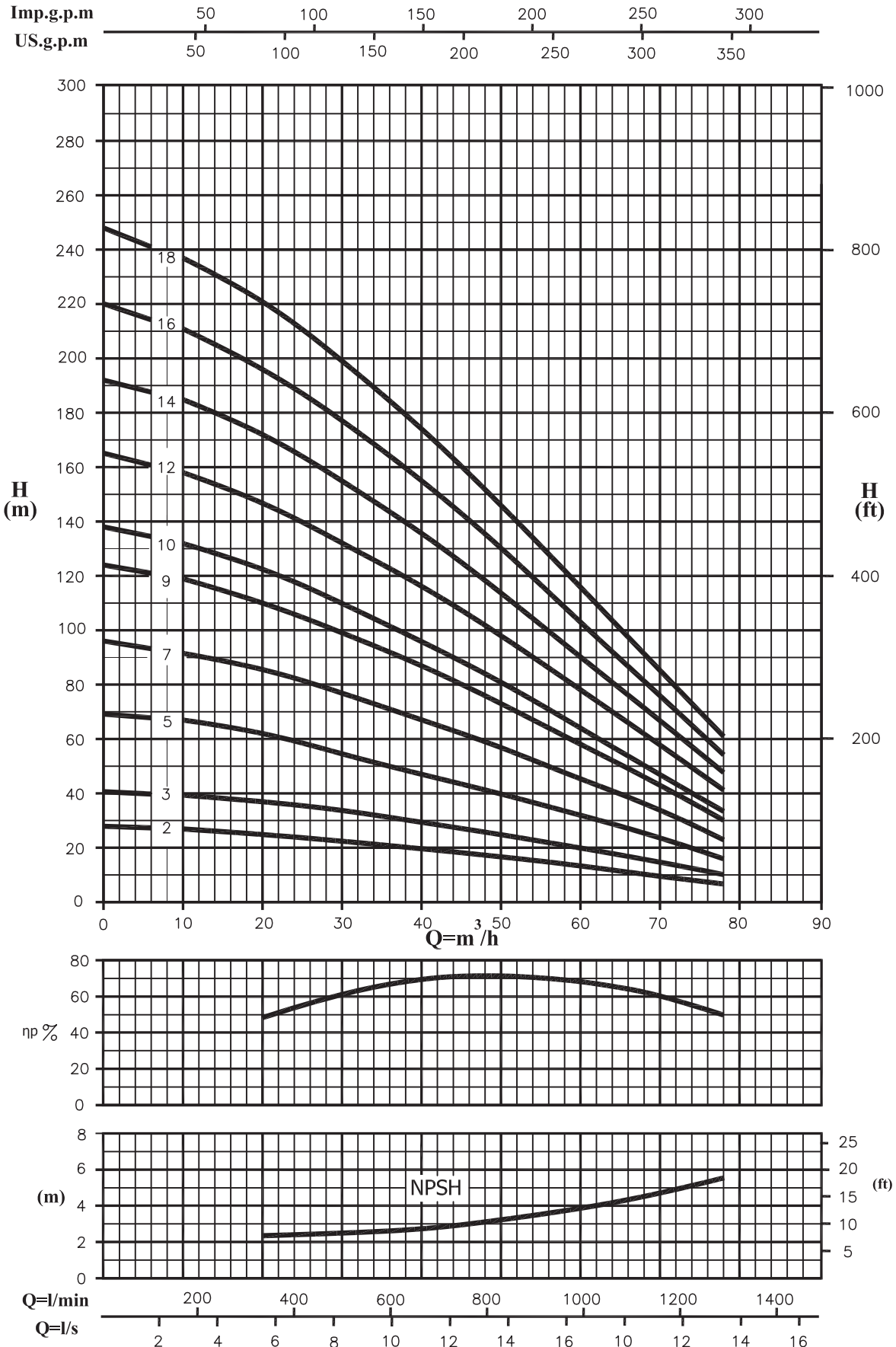


by **ANAVALOS PUMPS**

Performances range at 2900 r.p.m

AVS60

50Hz



CURVE No 2.5.10.037.1

Manufactured for

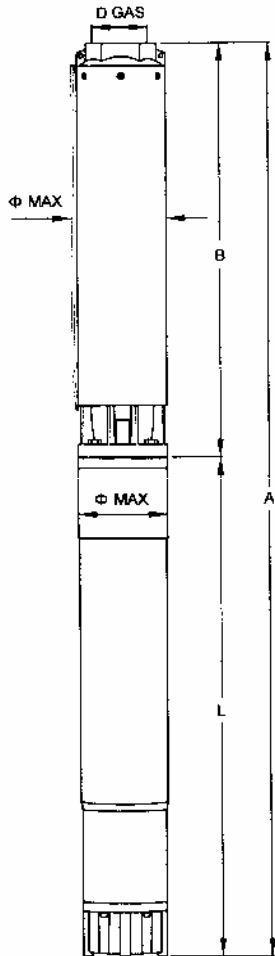


Archimedes Pump

by ANAVALOS PUMPS

Performances range at 2900 r.p.m

AVS78 50Hz



PUMP-MOTOR	CAPACITY									
	m3/h	0	30	40	50	60	70	80	90	
	l/min	0	500	666	833	1000	1166	1333	1499	
	l/s	0	8,3	11,1	13,9	16,7	19,4	22,2	25,0	
A878/2 6 - 10	6"	H = m	40	37	35	33	30	27	24	20
A878/3 6 - 15			60	56	53	49	45	41	36	30
A878/4 6 - 20			80	75	70	66	60	54	48	40
A878/5 6 - 25			99	92	87	82	75	68	60	50
A878/6 6 - 30			119	111	105	98	90	81	72	60
A878/7 6 - 40			139	129	122	114	105	95	84	70
A878/8 6 - 40			159	148	140	131	120	108	96	80
A878/9 6 - 40			179	167	158	148	135	122	108	90
A878/10 6 - 50			198	184	175	163	150	135	120	100
A878/11 6 - 50			216	203	192	179	165	148	132	110
A878/12 8 - 60	8"	Total manometric head in metres	247	232	219	206	189	172	153	130
A878/13 8 - 75			268	251	237	223	205	186	165	141
A878/14 8 - 75			288	270	255	240	221	201	178	151
A878/15 8 - 75			309	290	274	257	237	215	191	162
A878/16 8 - 100			331	309	293	275	252	229	204	174
A878/17 8 - 100			351	329	311	292	268	244	217	184
A878/18 8 - 100			372	348	329	309	284	258	230	195
A878/19 8 - 100			393	368	347	327	300	273	243	206
A878/20 8 - 100			414	388	366	343	316	287	255	217
A878/21 8 - 100			435	407	384	361	332	301	268	228
A878/22 8 - 125			456	426	403	377	348	316	281	239
A878/23 8 - 125			477	446	421	395	364	330	294	249
A878/24 8 - 125	497	466	440	412	380	344	307	260		

PUMP TYPE	MOTOR POWER		DIMENSIONS						WEIGHT IN KG		
	KW	HP	A	B	L	Ø		D GAS	PUMP	MOTOR	TOTAL
						Pump	Motor				
A878/2	7,5	10	1363	644	719	192	143	5"	31,5	50	81,5
A878/3	11	15	1549	770	779	192	143	5"	36,5	56	92,5
A878/4	15	20	1770	896	874	192	143	5"	41,5	66	107,5
A878/5	18,5	25	1941	1022	919	192	143	5"	46,5	70	116,5
A878/6	22	30	2157	1148	1009	192	143	5"	51	79	130
A878/7	30	40	2488	1274	1214	192	143	5"	56	100	156
A878/8	30	40	2614	1400	1214	192	143	5"	61	100	161
A878/9	30	40	2740	1526	1214	192	143	5"	66	100	166
A878/10	37	50	2946	1652	1294	192	143	5"	71	107	178
A878/11	37	50	3072	1778	1294	192	143	5"	76	107	183
A878/12	45	60	3139	1909	1230	197,5	189	5"	82	156	238
A878/13	55	75	3375	2035	1340	197,5	189	5"	87	179	266
A878/14	55	75	3501	2161	1340	197,5	189	5"	92	179	271
A878/15	55	75	3627	2287	1340	197,5	189	5"	97	179	276
A878/16	75	100	3973	2413	1560	197,5	189	5"	101,5	215	316,5
A878/17	75	100	4099	2539	1560	197,5	189	5"	106,5	215	321,5
A878/18	75	100	4225	2665	1560	197,5	189	5"	111,5	215	326,5
A878/19	75	100	4351	2791	1560	197,5	189	5"	116,5	215	331,5
A878/20	75	100	4477	2917	1560	197,5	189	5"	121	215	336
A878/21	75	100	4603	3043	1560	197,5	189	5"	126	215	341
A878/22	93	125	4909	3169	1740	197,5	189	5"	131	247	378
A878/23	93	125	5035	3295	1740	197,5	189	5"	136	247	383
A878/24	93	125	5161	3421	1740	197,5	189	5"	141	247	388

Manufactured for



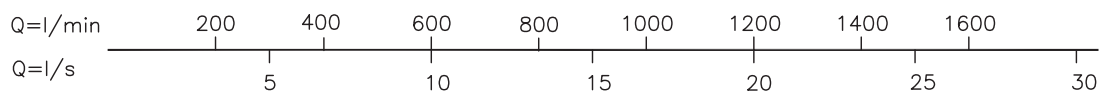
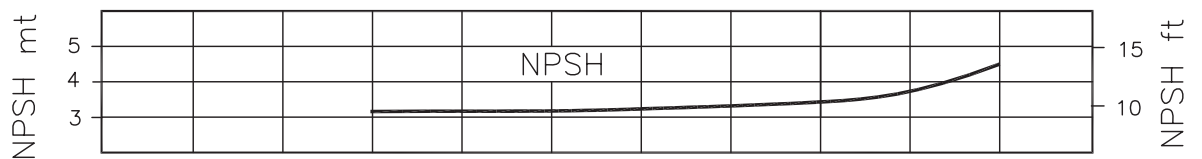
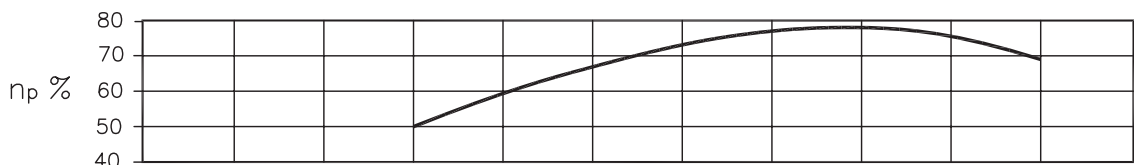
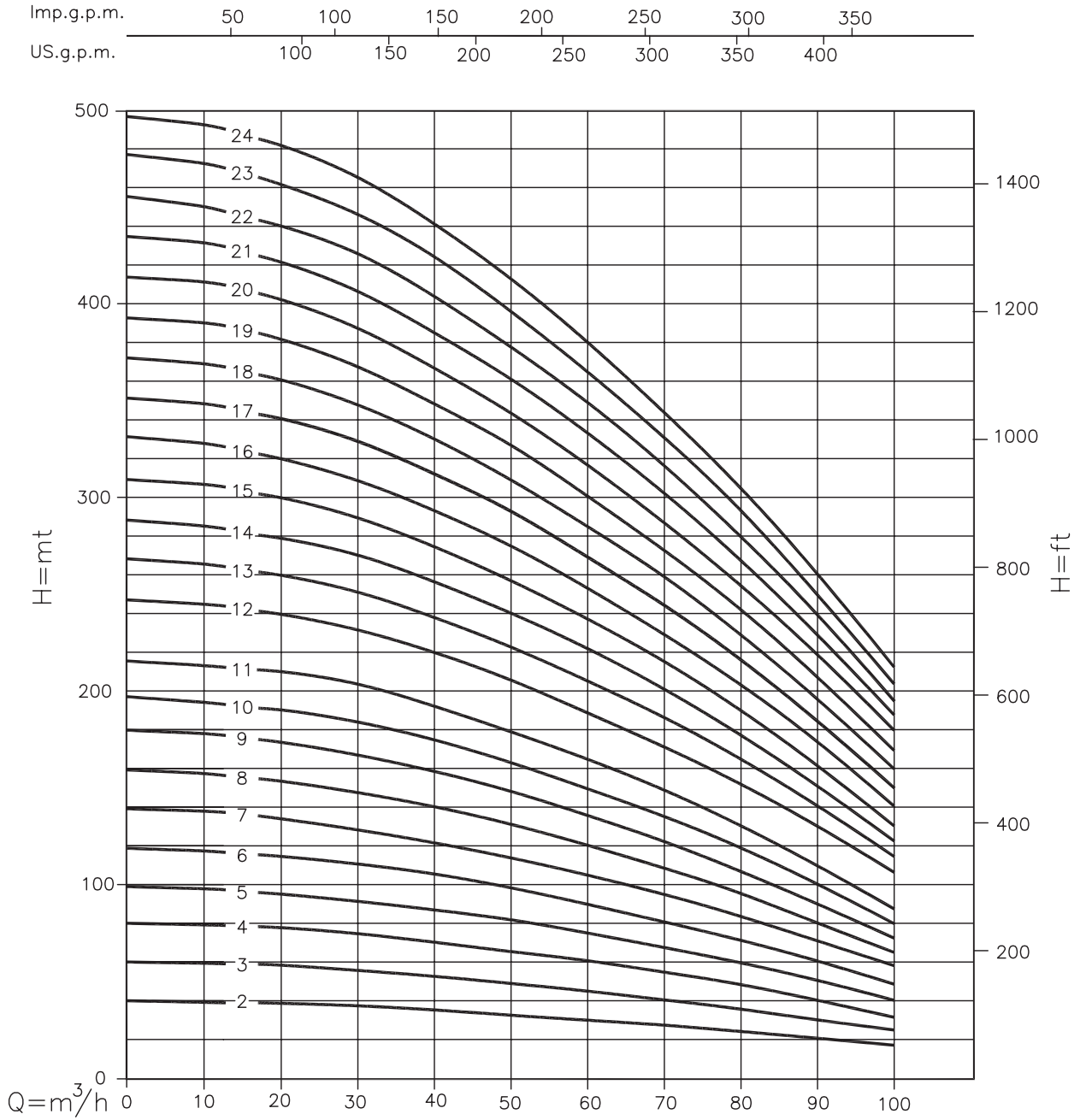
by



Performances range at 2900 r.p.m

AVS78

50Hz



CURVE No 2.5.10.047.1

Manufactured for

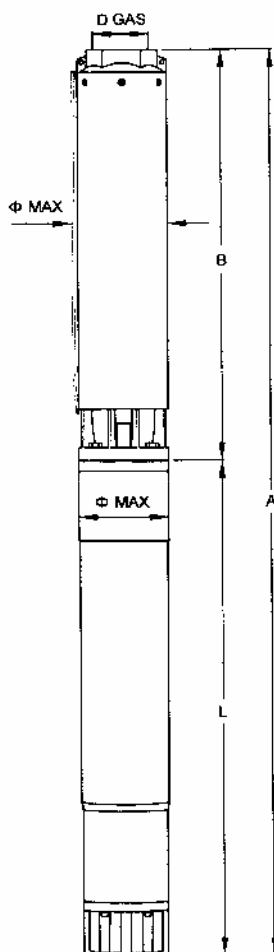


Archimedes Pump

by ANAVALOS PUMPS

Performances range at 2900 r.p.m

AVS97 50Hz



PUMP-MOTOR		CAPACITY									
		m3/h	0	40	60	70	80	90	100	120	
		l/min	0	666	1000	1166	1333	1499	1666	1999	
		l/s	0	11,1	16,7	19,4	22,2	25,0	27,8	33,3	
A897/2	6 - 12,5	6"	H = m	42	38	33	30	28	25	22	15
A897/3	6 - 20			63	57	50	45	42	38	33	22
A897/4	6 - 25			84	76	66	60	56	50	44	30
A897/5	6 - 30			105	95	82	75	70	62	55	37
A897/6	6 - 40			126	114	99	90	84	75	66	45
A897/7	6 - 40			147	133	115	105	98	88	77	52
A897/8	6 - 50			168	152	132	120	112	100	88	60
A897/9	6 - 50			189	171	148	135	126	112	99	67
A897/10	8 - 60			219	200	172	159	148	136	120	82
A897/11	8 - 75			241	220	189	175	163	150	132	90
A897/12	8 - 75	262	240	206	191	178	163	144	98		
A897/13	8 - 75	8"	Total manometric head in metres	285	260	224	207	192	177	156	112
A897/14	8 - 100			307	280	241	223	207	190	168	121
A897/15	8 - 100			329	300	258	239	222	204	180	129
A897/16	8 - 100			351	320	275	255	237	218	192	138
A897/17	8 - 100			373	340	293	270	252	231	204	147
A897/18	8 - 125			395	360	310	287	266	245	216	155
A897/19	8 - 125			417	380	327	303	281	258	228	164
A897/20	8 - 125			439	400	345	319	296	272	240	172
A897/21	8 - 125			461	420	363	335	311	286	252	181
A897/22	8 - 150			483	440	380	351	326	299	264	190
A897/23	8 - 150	505	460	397	367	340	313	276	198		

PUMP TYPE	MOTOR POWER		DIMENSIONS						WEIGHT IN KG		
	KW	HP	A	B	L	Ø Pump	Max Motor	D GAS	PUMP	MOTOR	TOTAL
897/2	9,3	12,5	1393	644	749	192	143	5"	31,5	53	84,5
897/3	15	20	1644	770	874	192	143	5"	36,5	66	102,5
897/4	18,5	25	1815	896	919	192	143	5"	41,5	70	111,5
897/5	22	30	2031	1022	1009	192	143	5"	46	79	125
897/6	30	40	2362	1148	1214	192	143	5"	51	100	151
897/7	30	40	2488	1274	1214	192	143	5"	56	100	156
897/8	37	50	2694	1400	1294	192	143	5"	61	107	168
897/9	37	50	2820	1526	1294	192	143	5"	66	107	173
897/10	45	60	2887	1657	1230	197,5	189	5"	72	156	228
897/11	55	75	3123	1783	1340	197,5	189	5"	77	179	256
897/12	55	75	3249	1909	1340	197,5	189	5"	82	179	261
897/13	55	75	3375	2035	1340	197,5	189	5"	87	179	266
897/14	75	100	3721	2161	1560	197,5	189	5"	92	215	307
897/15	75	100	3847	2287	1560	197,5	189	5"	97	215	312
897/16	75	100	3973	2413	1560	197,5	189	5"	102	215	317
897/17	75	100	4099	2539	1560	197,5	189	5"	106,5	215	321,5
897/18	93	125	4405	2665	1740	197,5	189	5"	111,5	247	358,5
897/19	93	125	4531	2791	1740	197,5	189	5"	116,5	247	363,5
897/20	93	125	4657	2917	1740	197,5	189	5"	121	247	368
897/21	93	125	4783	3043	1740	197,5	189	5"	126	247	373
897/22	110	150	5145	3169	1976	197,5	196	5"	131	381	512
897/23	110	150	5271	3295	1976	197,5	196	5"	136	381	517

Manufactured for



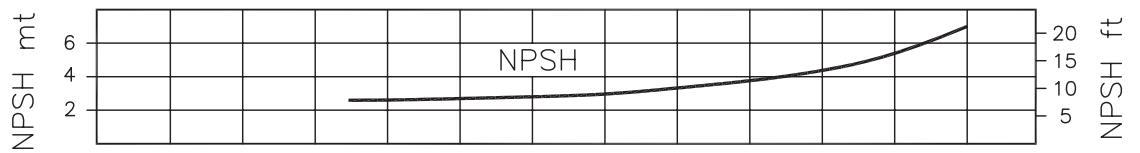
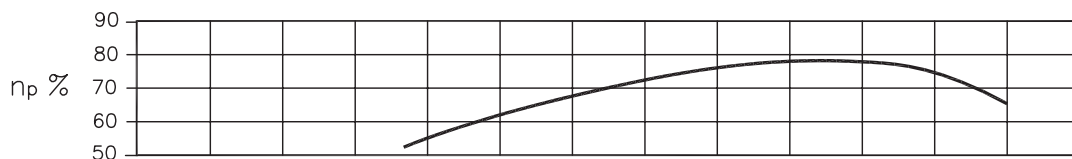
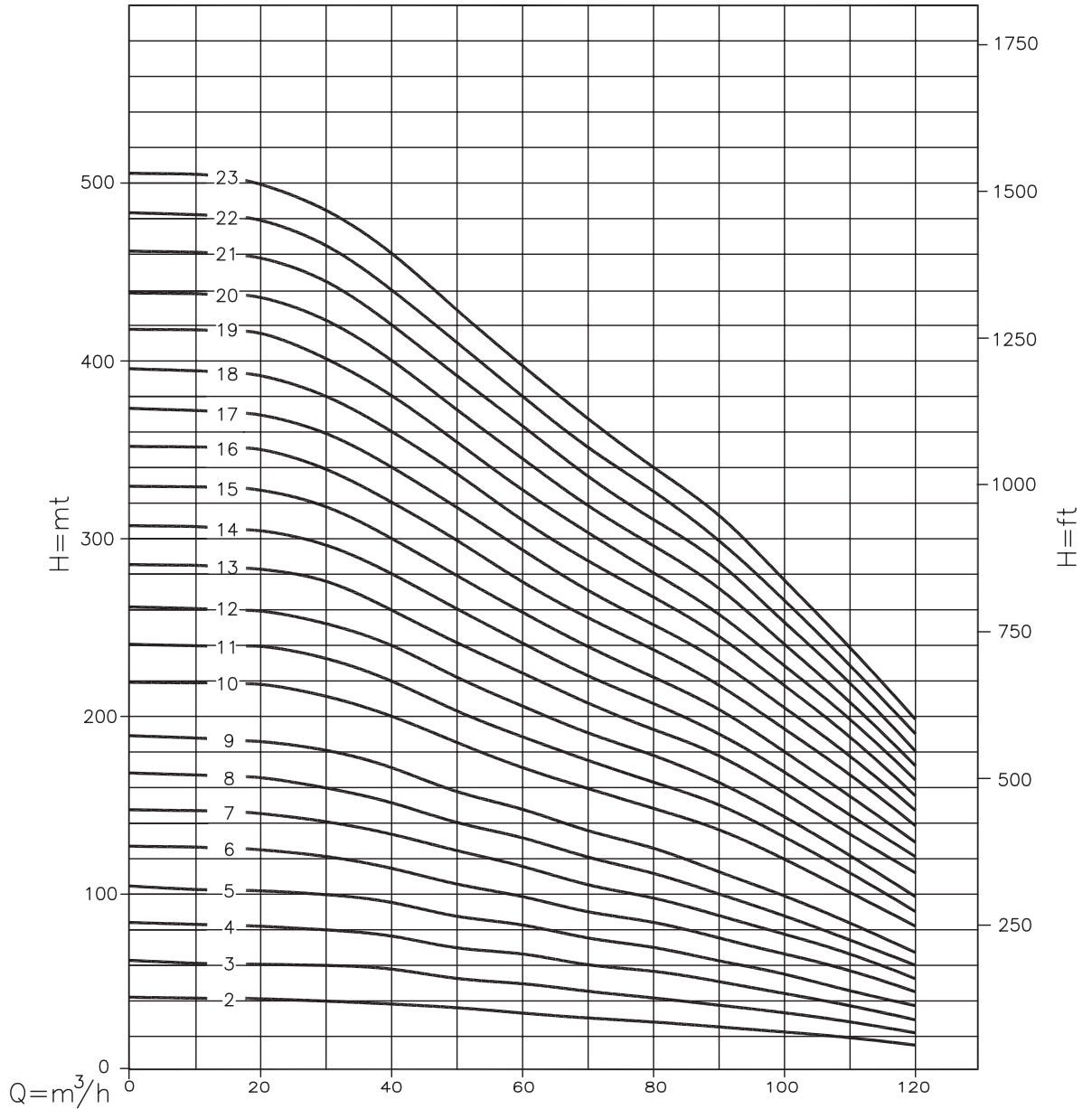
by **ANAVALOS** PUMPS

Performances range at 2900 r.p.m

AVS97

50Hz

Imp.g.p.m. 50 100 150 200 250 300 350 400 450
 US.g.p.m. 50 100 150 200 250 300 350 400 450 500 550



Q=l/min 500 1000 1500 2000
 Q=l/s 5 10 15 20 25 30

CURVE No 2.5.10.048.1

Manufactured for



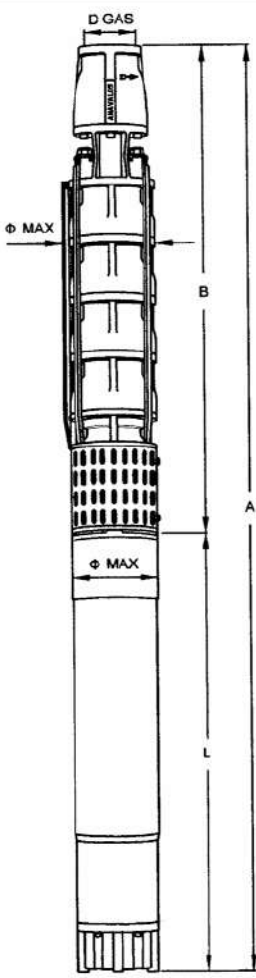
Archimedes Pump

by ANAVALOS PUMPS

Performances range at 2900 r.p.m

A6NA 50Hz

PUMP-MOTOR	CAPACITY								
	Q ³ /h	0	10	15	18	20	22,5	25	30
	l/min	0	167	250	300	333	375	417	500
	l/s	0	2,8	4,2	5,0	5,6	6,2	6,9	8,3
A6NA/5 6 - 5,5	H = m Total Manometric head in metres	76	67	61	56	52	47	39	23
A6NA/7 6 - 7,5		106	94	85	78	73	65	55	33
A6NA/9 6 - 10		136	121	109	100	94	84	71	42
A6NA/11 6 - 12,5		166	147	133	123	114	103	87	51
A6NA/13 6 - 15		196	174	157	145	135	121	103	60
A6NA/15 6 - 17,5		227	201	182	167	156	140	118	70
A6NA/17 6 - 20		257	228	206	189	177	158	134	79
A6NA/18 6 - 20		272	241	218	201	187	168	142	84
A6NA/20 6 - 25		302	268	242	223	208	186	158	93
A6NA/22 6 - 25		332	295	266	245	229	205	174	102
A6NA/24 6 - 30		363	321	291	267	249	224	189	111
A6NA/26 6 - 30		393	348	315	290	270	242	205	121
A6NA/28 6 - 30		423	375	339	312	291	261	221	130
A6NA/30 6 - 35		453	402	363	334	312	280	237	139
A6NA/32 6 - 35		483	429	387	357	333	298	253	149
A6NA/34 6 - 40		514	455	412	379	353	317	268	158
A6NA/36 6 - 40	544	482	436	401	374	336	284	167	



PUMP TYPE	MOTOR POWER		DIMENSIONS						WEIGHT IN KG		
	kW	HP	A	B	L	∅		D GAS	PUMP	MOTOR	TOTAL
						Pump	Motor				
A6NA/5	4	5,5	1574	875	699	150	143	3"	38	48	86
A6NA/7	5,5	7,5	1744	1045	699	150	143	3"	46	48	94
A6NA/9	7,5	10	1934	1215	719	150	143	3"	54	50	104
A6NA/11	9,3	12,5	2134	1385	749	150	143	3"	62	53	115
A6NA/13	11	15	2334	1555	779	150	143	3"	70	56	126
A6NA/15	13	17,5	2554	1725	829	150	143	3"	78	61	139
A6NA/17	15	20	2769	1895	874	150	143	3"	86	66	152
A6NA/18	15	20	2854	1980	874	150	143	3"	90	66	156
A6NA/20	18,5	25	3069	2150	919	150	143	3"	98	70	168
A6NA/22	18,5	25	3239	2320	919	150	143	3"	106	70	176
A6NA/24	22	30	3499	2490	1009	150	143	3"	114	79	193
A6NA/26	22	30	3669	2660	1009	150	143	3"	122	79	201
A6NA/28	22	30	3839	2830	1009	150	143	3"	130	79	209
A6NA/30	26	35	4114	3000	1114	150	143	3"	138	90	228
A6NA/32	26	35	4284	3170	1114	150	143	3"	146	90	236
A6NA/34	30	40	4554	3340	1214	150	143	3"	154	100	254
A6NA/36	30	40	4724	3510	1214	150	143	3"	162	100	262

Manufactured for

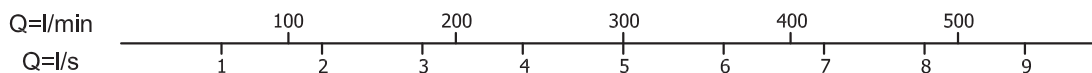
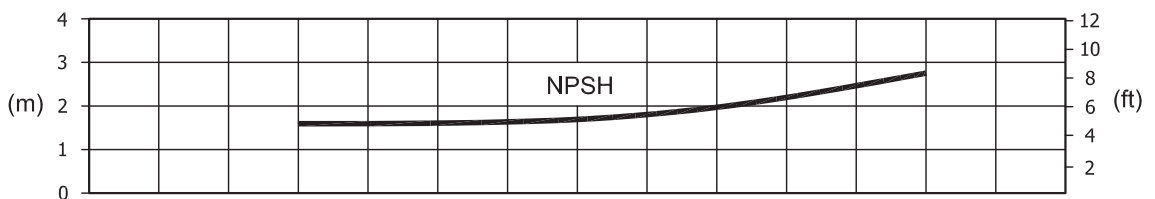
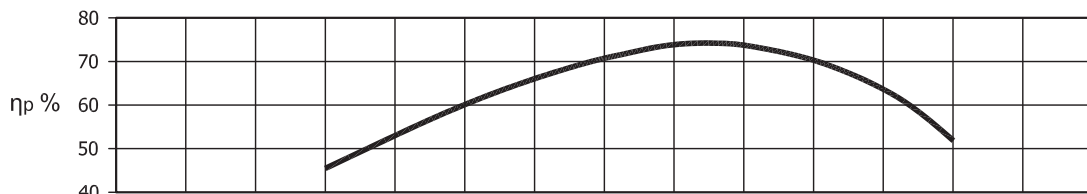
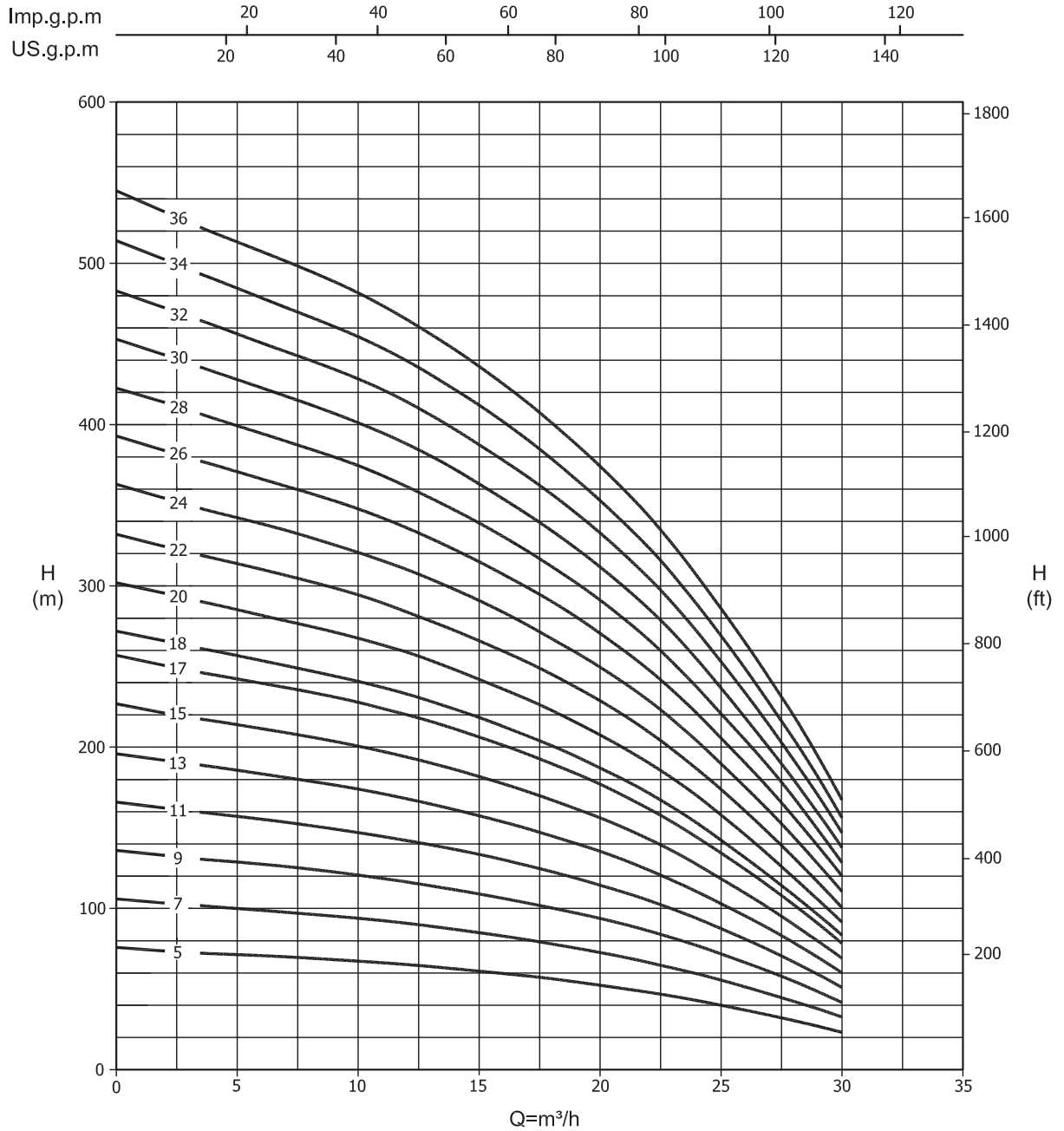


by **ANAVALOS PUMPS**

Performances range at 2900 r.p.m

A6NA

50Hz



Manufactured for



Archimedes
Pump

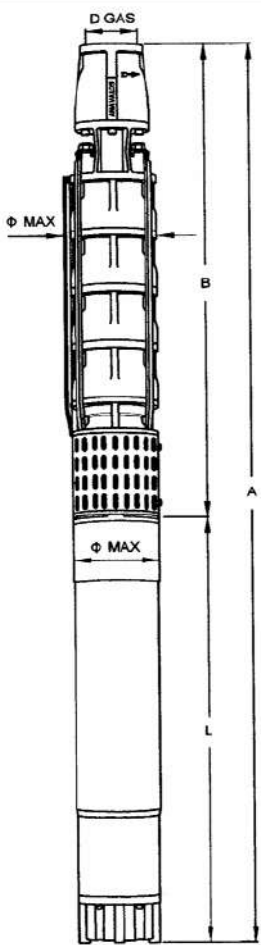
by **ANAVALOS**
PUMPS

Performances range at 2900 r.p.m

A6NB

50Hz

PUMP-MOTOR	CAPACITY									
	Q ³ /h	0	15	20	25	27,5	30	35	40	
	l/min	0	250	333	417	458	500	583	666	
	l/s	0	4,2	5,6	6,9	7,6	8,3	9,7	11,1	
A6NB/3 6 - 5,5	6"	H = m	48	43	39	35	32	29	22	13
A6NB/5 6 - 7,5			81	71	65	59	54	49	37	22
A6NB/7 6 - 10			109	96	88	79	73	66	50	29
A6NB/9 6 - 12,5			140	123	113	102	94	85	64	37
A6NB/10 6 - 15			161	142	130	117	108	97	73	43
A6NB/11 6 - 17,5			177	156	143	129	119	107	80	47
A6NB/13 6 - 20			209	185	169	152	140	126	95	56
A6NB/15 6 - 25			242	213	195	176	162	146	110	65
A6NB/17 6 - 25			274	241	221	199	184	165	124	73
A6NB/19 6 - 30			306	270	247	222	205	184	139	82
A6NB/20 6 - 30			322	284	260	234	216	194	146	86
A6NB/22 6 - 35			354	312	286	257	238	213	161	95
A6NB/24 6 - 35			386	341	312	281	259	233	175	103
A6NB/26 6 - 40			419	369	338	304	281	252	190	112
A6NB/28 6 - 40			451	398	364	328	302	272	204	120



PUMP TYPE	MOTOR POWER		DIMENSIONS						WEIGHT IN KG		
	kW	HP	A	B	L	Ø		D GAS	PUMP	MOTOR	TOTAL
						Pump	Max Motor				
A6NB/3	4	5,5	1404	705	699	150	143	3"	30	48	78
A6NB/5	5,5	7,5	1574	875	699	150	143	3"	38	48	86
A6NB/7	7,5	10	1764	1045	719	150	143	3"	46	50	96
A6NB/9	9,3	12,5	1964	1215	749	150	143	3"	54	53	107
A6NB/10	11	15,0	2079	1300	779	150	143	3"	58	56	114
A6NB/11	13	17,5	2214	1385	829	150	143	3"	62	61	123
A6NB/13	15	20	2429	1555	874	150	143	3"	70	66	136
A6NB/15	18,5	25	2644	1725	919	150	143	3"	78	70	148
A6NB/17	18,5	25	2814	1895	919	150	143	3"	86	70	156
A6NB/19	22	30	3074	2065	1009	150	143	3"	94	79	173
A6NB/20	22	30	3159	2150	1009	150	143	3"	98	79	177
A6NB/22	26	35	3434	2320	1114	150	143	3"	106	90	196
A6NB/24	26	35	3604	2490	1114	150	143	3"	114	90	204
A6NB/26	30	40	3874	2660	1214	150	143	3"	122	100	222
A6NB/28	30	40	4044	2830	1214	150	143	3"	130	100	230

Manufactured for

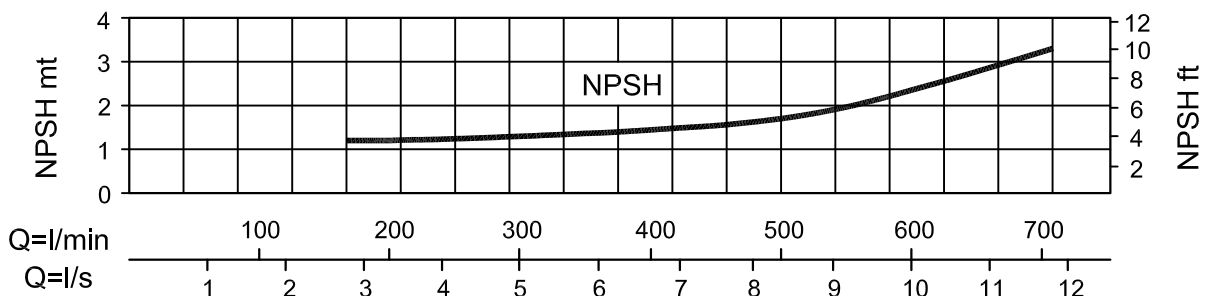
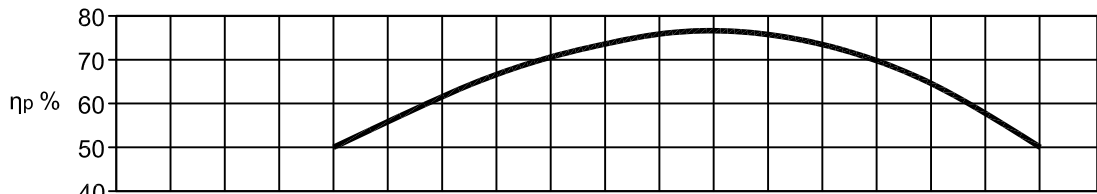
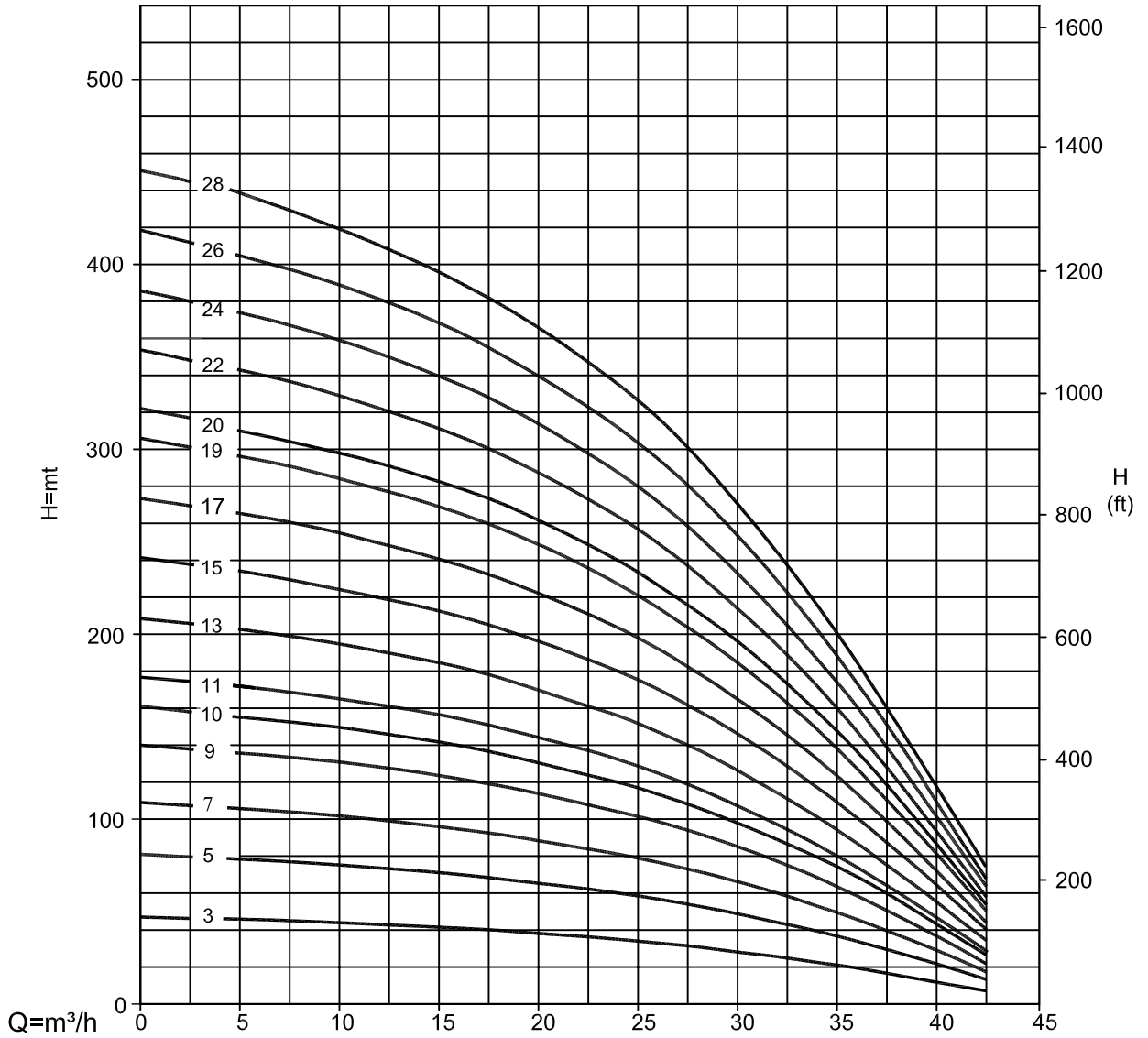
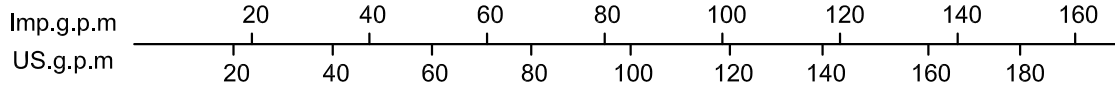


by **ANAVALOS PUMPS**

Performances range at 2900 r.p.m

A6NB

50Hz



Manufactured for



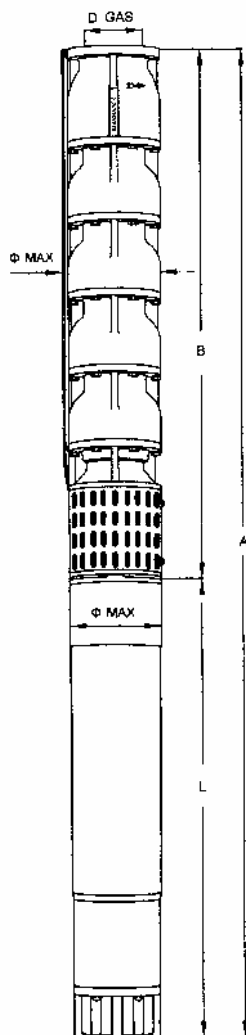
Archimedes Pump

by ANAVALOS PUMPS

Performances range at 2900 r.p.m

A6MA 50Hz

PUMP-MOTOR	CAPACITY									
	m3/h	0	5	10	15	20	22,5	25	30	
	l/min	0	83	167	250	333	375	417	500	
	l/s	0	1,4	2,8	4,2	5,6	6,2	6,9	8,3	
A6MA/3 6 - 5,5	6" Total manometric head in metres	H = m	40	39	37	34	31	28	25	17
A6MA/4 6 - 5,5		54	53	50	46	41	37	33	23	
A6MA/5 6 - 7,5		69	67	64	59	51	47	42	29	
A6MA/6A 6 - 7,5		81	80	76	70	63	57	50	35	
A6MA/7 6 - 10		94	91	88	81	72	66	58	42	
A6MA/8A 6 - 10		107	105	100	92	83	76	68	48	
A6MA/9 6 - 12,5		120	118	112	104	92	84	75	53	
A6MA/10A 6 - 12,5		134	132	125	116	103	94	84	61	
A6MA/11 6 - 15		148	145	138	128	113	103	92	67	
A6MA/12A 6 - 15		162	159	151	139	124	113	100	72	
A6MA/13 6 - 17,5		175	172	164	151	134	122	108	78	
A6MA/14 6 - 20		189	186	176	163	144	132	117	84	
A6MA/15 6 - 20		202	198	189	174	154	140	124	89	
A6MA/16A 6 - 20		216	211	201	187	166	151	134	95	
A6MA/17 6 - 25		230	226	213	197	176	160	142	101	
A6MA/18 6 - 25		243	238	226	210	186	169	150	107	
A6MA/19A 6 - 25		256	252	239	221	197	179	159	113	
A6MAZ/20 6 - 30		271	266	252	233	207	188	167	118	
A6MAZ/21 6 - 30		284	278	264	244	218	199	176	124	
A6MAZ/22A 6 - 3		299	293	277	257	228	208	184	130	
A6MAZ/23 6 - 3		312	306	290	269	238	217	193	137	
A6MAZ/24 6 - 3		326	321	305	282	250	229	203	145	



PUMP TYPE	MOTOR POWER		DIMENSIONS						WEIGHT IN KG		
	KW	HP	A	B	L	Ø		D GAS	PUMP	MOTOR	TOTAL
						Pump	Motor				
A6MA/3	4	5,5	1394	695	699	148	143	3"-4"	31	48	79
A6MA/4	4	5,5	1509	810	699	148	143	3"-4"	37	48	85
A6MA/5	5,5	7,5	1624	925	699	148	143	3"-4"	43	48	91
A6MA/6A	5,5	7,5	1739	1040	699	148	143	3"-4"	49	48	97
A6MA/7	7,5	10	1874	1155	719	148	143	3"-4"	55	50	105
A6MA/8A	7,5	10	1989	1270	719	148	143	3"-4"	61	50	111
A6MA/9	9,3	12,5	2134	1385	749	148	143	3"-4"	67	53	120
A6MA/10A	9,3	12,5	2249	1500	749	148	143	3"-4"	73	53	126
A6MA/11	11	15	2394	1615	779	148	143	3"-4"	79	56	135
A6MA/12A	11	15	2509	1730	779	148	143	3"-4"	85	56	141
A6MA/13	13	17,5	2674	1845	829	148	143	3"-4"	91	61	152
A6MA/14	15	20	2834	1960	874	148	143	3"-4"	97	66	163
A6MA/15	15	20	2949	2075	874	148	143	3"-4"	103	66	169
A6MA/16A	15	20	3064	2190	874	148	143	3"-4"	109	66	175
A6MA/17	18,5	25	3224	2305	919	148	143	3"-4"	115	70	185
A6MA/18	18,5	25	3339	2420	919	148	143	3"-4"	121	70	191
A6MA/19A	18,5	25	3454	2535	919	148	143	3"-4"	127	70	197
A6MAZ/20	22	30	3659	2650	1009	148	143	3"-4"	133	79	212
A6MAZ/21	22	30	3774	2765	1009	148	143	3"-4"	139	79	218
A6MAZ/22A	22	30	3889	2880	1009	148	143	3"-4"	145	79	224
A6MAZ/23	26	35	4109	2995	1114	148	143	3"-4"	151	90	241
A6MAZ/24	26	35	4224	3110	1114	148	143	3"-4"	157	90	247

Manufactured for

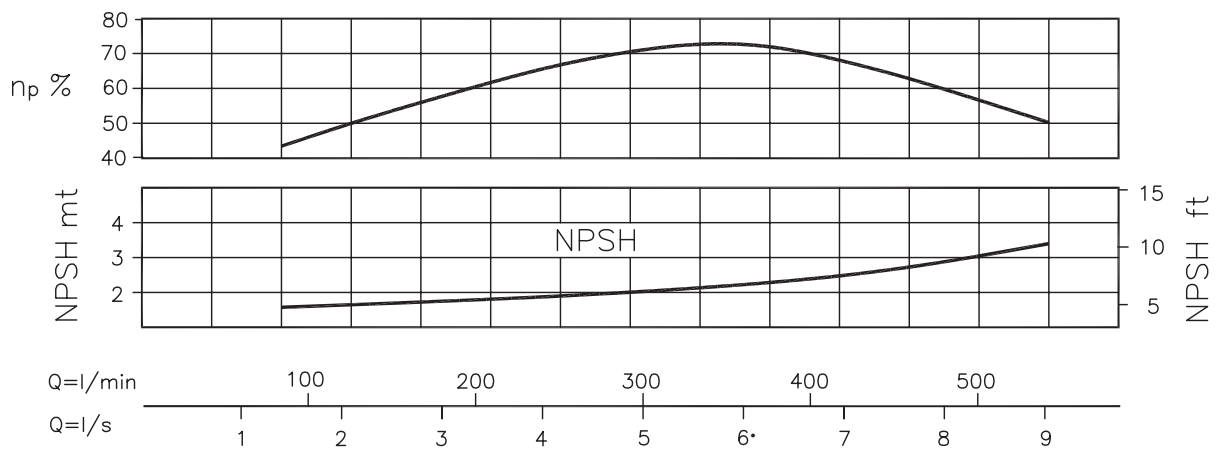
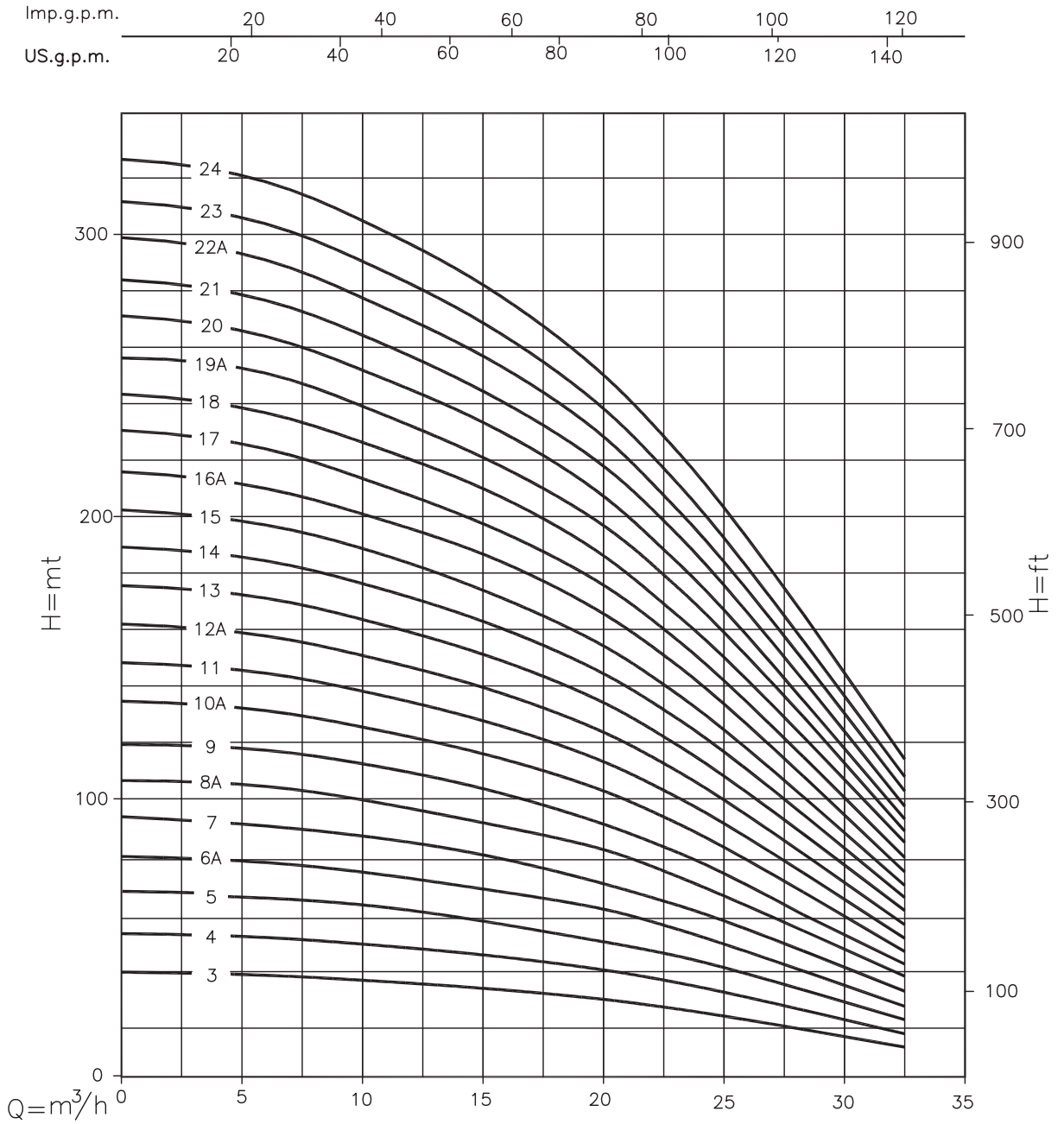


by **ANAVALOS PUMPS**

Performances range at 2900 r.p.m

A6MA

50Hz



CURVE No 2.5.10.015.1

Manufactured for



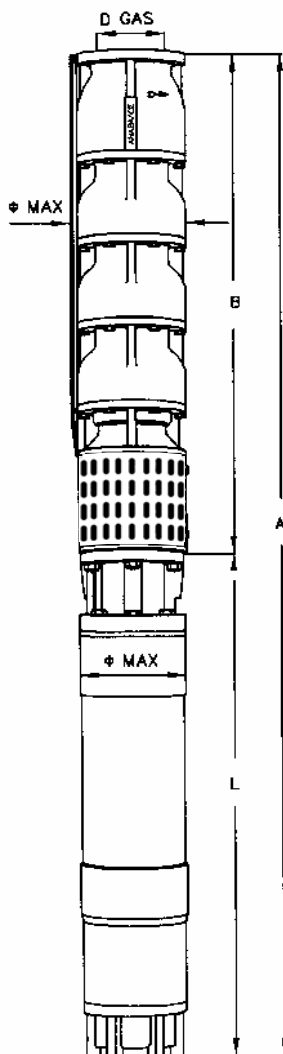
Archimedes Pump

by ANAVALOS PUMPS

Performances range at 2900 r.p.m

A6MB 50Hz

PUMP-MOTOR	CAPACITY									
	m3/h	0	10	15	20	25	30	35	40	
	l/min	0	167	250	333	417	500	583	666	
	l/s	0	2,8	4,2	5,6	6,9	8,3	9,7	11,1	
A6MB/3 6 - 5,5	6"	H = m Total manometric head in metres	41	40	39	37	35	31	26	20
A6MB/4 6 - 7,5			53	52	51	50	46	41	34	26
A6MB/5 6 - 10			67	66	65	62	58	51	43	33
A6MB/6A 6 - 10			80	79	77	74	69	62	52	40
A6MB/7 6 - 12,5			93	92	91	87	81	72	60	46
A6MB/8 6 - 15			106	105	103	99	92	82	69	53
A6MB/9A 6 - 15			120	118	116	112	104	92	77	59
A6MB/10 6 - 17,5			133	131	129	124	115	102	86	66
A6MB/11 6 - 20			146	144	142	136	126	112	94	73
A6MB/12A 6 - 20			159	157	154	148	138	122	103	80
A6MB/13 6 - 25			173	170	167	161	149	132	111	86
A6MB/14 6 - 25			186	183	180	173	161	143	120	93
A6MB/15A 6 - 25			199	198	194	185	172	153	128	99
A6MB/16 6 - 30			212	209	206	198	183	163	137	106
A6MB/17 6 - 30			225	222	218	210	195	173	145	112
A6MB/18A 6 - 30			239	235	231	222	206	183	154	119
A6MB/19 6 - 35			252	248	244	235	218	193	162	126
A6MBZ/20 6 - 35			265	261	257	247	229	203	171	132
A6MBZ/21 6 - 40			279	275	270	260	241	214	179	139
A6MBZ/22 6 - 40			292	288	283	272	252	224	188	146
A6MBZ/23 6 - 50			306	304	297	284	264	235	197	153
A6MBZ/24 6 - 50			319	317	310	296	276	245	206	160



PUMP TYPE	MOTOR POWER		DIMENSIONS						WEIGHT IN KG		
	KW	HP	A	B	L	Ø		D GAS	PUMP	MOTOR	TOTAL
						Pump	Motor				
A6MB/3	4	5,5	1394	695	699	148	143	3"-4"	31	48	79
A6MB/4	5,5	7,5	1509	810	699	148	143	3"-4"	37	48	85
A6MB/5	7,5	10	1644	925	719	148	143	3"-4"	43	50	93
A6MB/6A	7,5	10	1759	1040	719	148	143	3"-4"	49	50	99
A6MB/7	9,3	12,5	1904	1155	749	148	143	3"-4"	55	53	108
A6MB/8	11	15	2049	1270	779	148	143	3"-4"	61	56	117
A6MB/9A	11	15	2164	1385	779	148	143	3"-4"	67	56	123
A6MB/10	13	17,5	2329	1500	829	148	143	3"-4"	73	61	134
A6MB/11	15	20	2489	1615	874	148	143	3"-4"	79	66	145
A6MB/12A	15	20	2604	1730	874	148	143	3"-4"	85	66	151
A6MB/13	18,5	25	2764	1845	919	148	143	3"-4"	91	70	161
A6MB/14	18,5	25	2879	1960	919	148	143	3"-4"	97	70	167
A6MB/15A	18,5	25	2994	2075	919	148	143	3"-4"	103	70	173
A6MB/16	22	30	3199	2190	1009	148	143	3"-4"	109	79	188
A6MB/17	22	30	3314	2305	1009	148	143	3"-4"	115	79	194
A6MB/18A	22	30	3429	2420	1009	148	143	3"-4"	121	79	200
A6MB/19	26	35	3649	2535	1114	148	143	3"-4"	127	90	217
A6MBZ/20	26	35	3764	2650	1114	148	143	3"-4"	133	90	223
A6MBZ/21	30	40	3979	2765	1214	148	143	3"-4"	139	100	239
A6MBZ/22	30	40	4094	2880	1214	148	143	3"-4"	145	100	245
A6MBZ/23	37	50	4289	2995	1294	148	143	3"-4"	151	107	258
A6MBZ/24	37	50	4404	3110	1294	148	143	3"-4"	157	107	264

Manufactured for

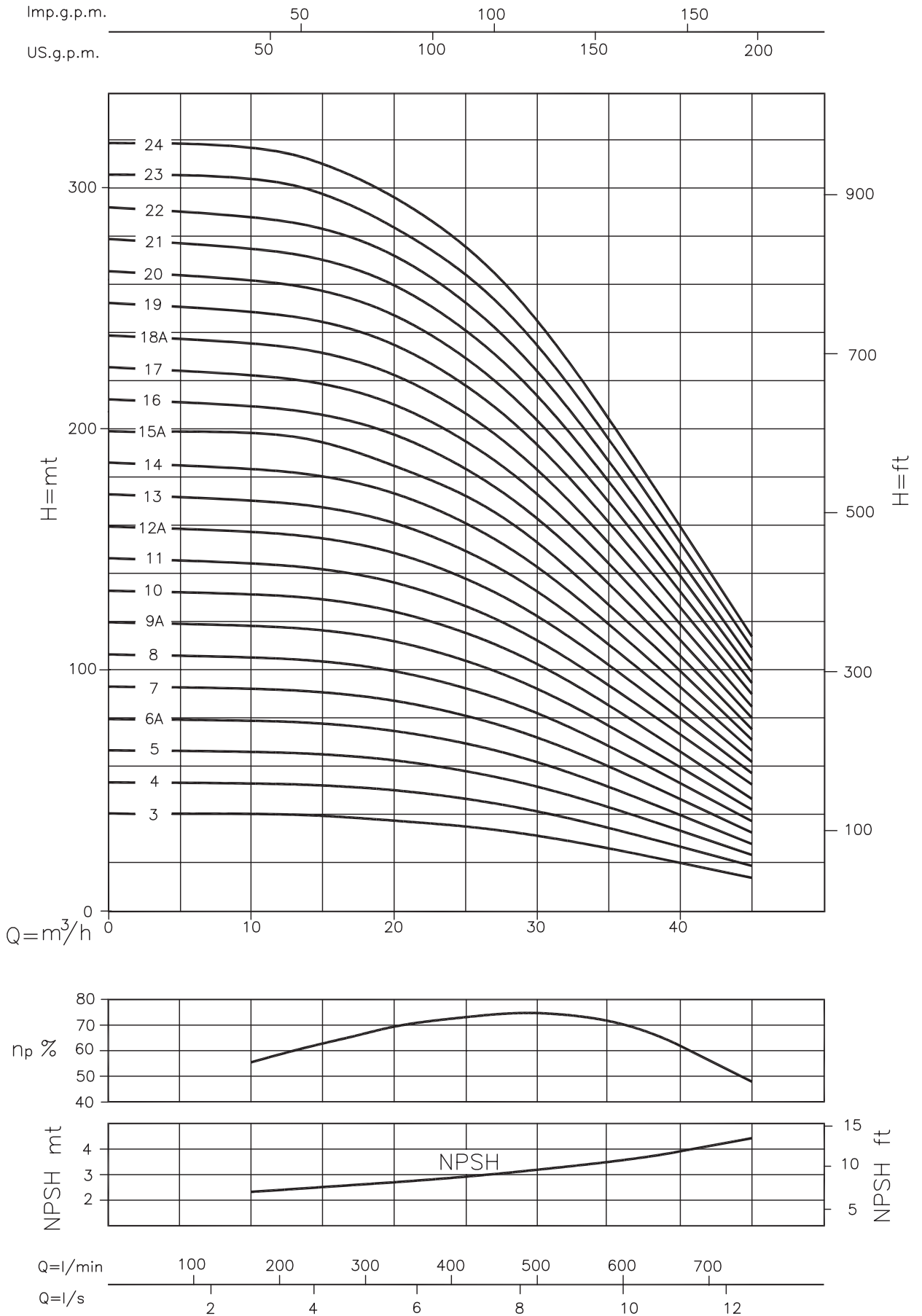


by **ANAVALOS PUMPS**

Performances range at 2900 r.p.m

A6MB

50Hz



Manufactured for



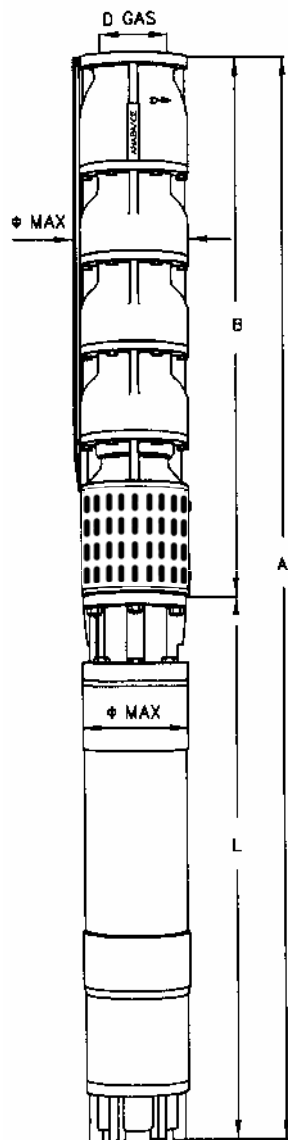
Archimedes Pump

by ANAVALOS PUMPS

Performances range at 2900 r.p.m

A6MC 50Hz

PUMP-MOTOR	CAPACITY									
	m3/h	0	15	25	30	35	40	45	55	
	l/min	0	250	417	500	583	666	750	916	
	l/s	0	4,2	6,9	8,3	9,7	11,1	12,5	15,3	
A6MC/2 6 - 5,5	6"	H = m Total manometric head in metres	29	27	25	24	23	21	18	11
A6MC/3 6 - 7,5			44	40	38	36	34	30	26	17
A6MC/4 6 - 10			58	53	50	48	45	40	34	22
A6MC/5A 6 - 10			73	68	64	61	57	51	43	28
A6MC/6 6 - 12,5			87	80	75	72	68	60	51	32
A6MC/7 6 - 15			102	93	88	84	79	70	60	37
A6MC/8 6 - 17,5			116	107	100	96	90	80	68	43
A6MC/9 6 - 20			131	120	113	108	102	90	76	48
A6MC/10 6 - 20			146	133	126	121	113	100	85	54
A6MC/11 6 - 25			160	147	138	132	124	110	93	59
A6MC/12 6 - 25			174	160	150	144	135	120	102	64
A6MC/13 6 - 30			189	173	163	156	147	130	110	69
A6MC/14 6 - 30			203	186	175	168	158	140	119	75
A6MC/15A 6 - 30			218	200	188	181	169	150	127	81
A6MC/16 6 - 35			232	213	200	192	181	160	136	86
A6MC/17 6 - 35			247	226	213	204	192	170	144	91
A6MC/18 6 - 40			261	240	225	216	203	180	152	96
A6MC/19A 6 - 40			276	253	238	228	214	190	161	102
A6MCZ/20 6 - 50			290	267	251	241	226	200	170	108
A6MCZ/21 6 - 50			305	279	263	252	236	210	178	112
A6MCZ/22 6 - 50			319	292	275	264	248	220	186	117



PUMP TYPE	MOTOR POWER		DIMENSIONS						WEIGHT IN KG		
	KW	HP	A	B	L	Ø		D GAS	PUMP	MOTOR	TOTAL
						Pump	Max Motor				
A6MC/2	4	5,5	1279	580	699	148	143	3"-4"	25	48	73
A6MC/3	5,5	7,5	1394	695	699	148	143	3"-4"	31	48	79
A6MC/4	7,5	10	1529	810	719	148	143	3"-4"	37	50	87
A6MC/5A	7,5	10	1644	925	719	148	143	3"-4"	43	50	93
A6MC/6	9,3	12,5	1789	1040	749	148	143	3"-4"	49	53	102
A6MC/7	11	15	1934	1155	779	148	143	3"-4"	55	56	111
A6MC/8	13	17,5	2099	1270	829	148	143	3"-4"	61	61	122
A6MC/9	15	20	2259	1385	874	148	143	3"-4"	67	66	133
A6MC/10	15	20	2374	1500	874	148	143	3"-4"	73	66	139
A6MC/11	18,5	25	2534	1615	919	148	143	3"-4"	79	70	149
A6MC/12	18,5	25	2649	1730	919	148	143	3"-4"	85	70	155
A6MC/13	22	30	2854	1845	1009	148	143	3"-4"	91	79	170
A6MC/14	22	30	2969	1960	1009	148	143	3"-4"	97	79	176
A6MC/15A	22	30	3084	2075	1009	148	143	3"-4"	103	79	182
A6MC/16	26	35	3304	2190	1114	148	143	3"-4"	109	90	199
A6MC/17	26	35	3419	2305	1114	148	143	3"-4"	115	90	205
A6MC/18	30	40	3634	2420	1214	148	143	3"-4"	121	100	221
A6MC/19A	30	40	3749	2535	1214	148	143	3"-4"	127	100	227
A6MCZ/20	37	50	3944	2650	1294	148	143	3"-4"	133	107	240
A6MCZ/21	37	50	4059	2765	1294	148	143	3"-4"	139	107	246
A6MCZ/22	37	50	4174	2880	1294	148	143	3"-4"	145	107	252

Manufactured for

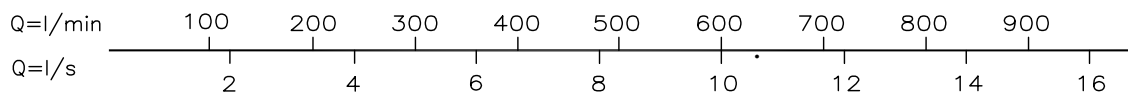
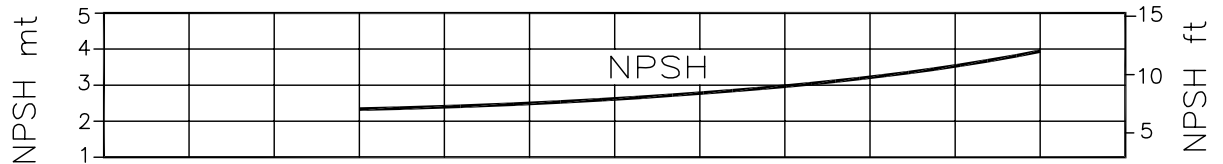
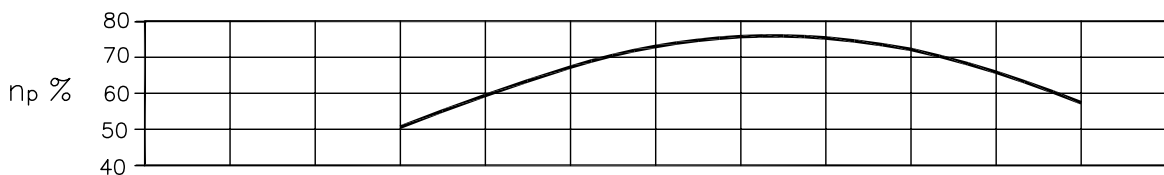
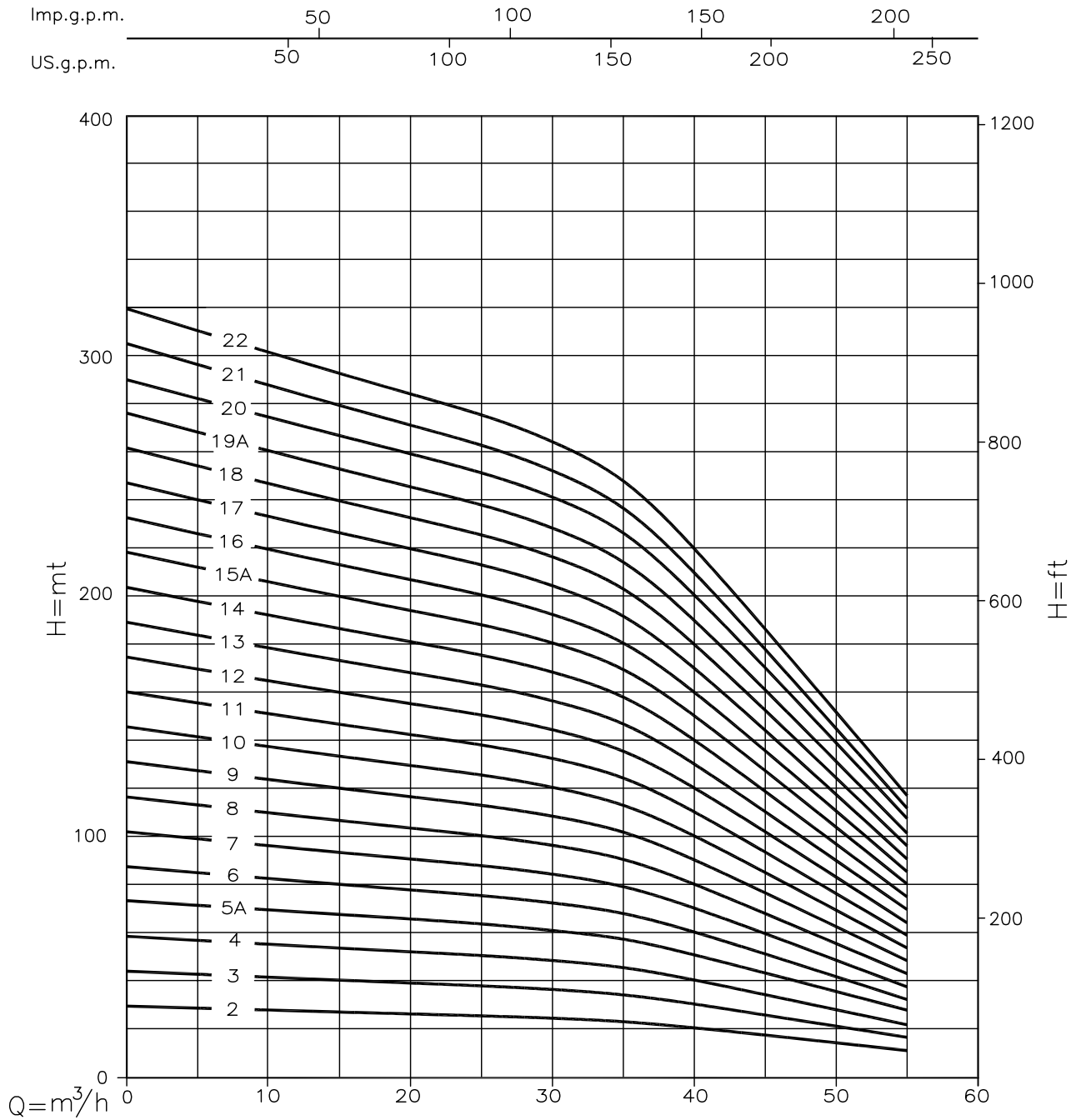


by **ANAVALOS PUMPS**

Performances range at 2900 r.p.m

A6MC

50Hz



Manufactured for



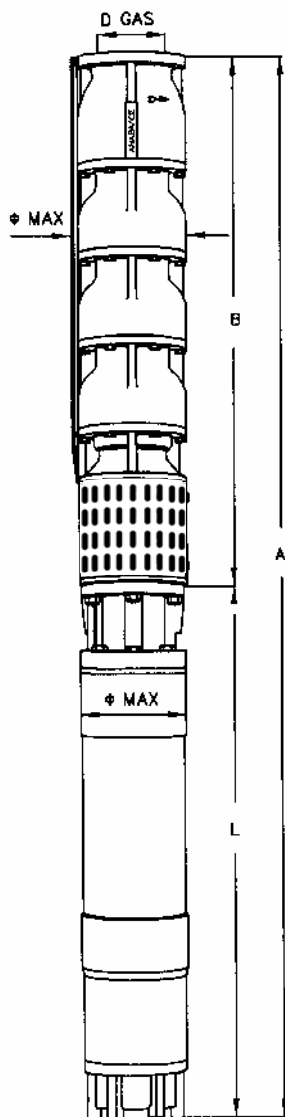
Archimedes Pump

by ANAVALOS PUMPS

Performances range at 2900 r.p.m

A6MD 50Hz

PUMP-MOTOR	CAPACITY								
	m3/h	0	20	30	40	45	50	60	70
	l/min	0	333	500	666	750	833	1000	1166
	l/s	0	5,6	8,3	11,1	12,5	13,9	16,7	19,4
A6MD/2 6 - 5,5	H = m Total manometric head in metres	29	27	26	23	22	20	14	9
A6MD/3 6 - 7,5		43	40	38	35	33	29	21	13
A6MD/4 6 - 10		57	54	51	47	44	39	29	17
A6MD/5 6 - 12,5		71	67	64	59	55	49	36	21
A6MD/6 6 - 15		86	80	76	70	65	59	43	26
A6MD/7 6 - 17,5		100	94	89	82	76	69	50	30
A6MD/8 6 - 20		114	107	101	93	87	79	58	34
A6MD/9 6 - 25		128	120	114	105	98	89	65	38
A6MD/10 6 - 25		143	134	127	117	109	99	72	42
A6MD/11 6 - 30		157	147	140	128	120	108	79	47
A6MD/12 6 - 30		171	161	153	140	131	118	86	51
A6MD/13 6 - 35		185	174	165	151	142	128	94	55
A6MD/14 6 - 35		200	187	178	163	153	138	101	59
A6MD/15 6 - 40		214	201	191	175	164	148	109	64
A6MD/16 6 - 40		228	214	203	186	174	157	115	68
A6MD/17 6 - 50		242	227	216	198	185	167	122	72
A6MD/18 6 - 50		257	241	229	210	196	177	130	77
A6MD/19 6 - 50		271	254	241	221	207	187	137	81
A6MDZ/20 8 - 60		8"	285	268	254	233	218	197	144
A6MDZ/21 8 - 60	299		281	267	244	229	206	151	89
A6MDZ/22 8 - 60	314		294	279	256	240	216	158	93



PUMP TYPE	MOTOR POWER		DIMENSIONS						WEIGHT IN KG		
	KW	HP	A	B	L	Ø		D GAS	PUMP	MOTOR	TOTAL
						Pump	Motor				
A6MD/2	4	5,5	1279	580	699	148	143	3"-4"	25	48	73
A6MD/3	5,5	7,5	1394	695	699	148	143	3"-4"	31	48	79
A6MD/4	7,5	10	1529	810	719	148	143	3"-4"	37	50	87
A6MD/5	9,3	12,5	1674	925	749	148	143	3"-4"	43	53	96
A6MD/6	11	15	1819	1040	779	148	143	3"-4"	49	56	105
A6MD/7	13	17,5	1984	1155	829	148	143	3"-4"	55	61	116
A6MD/8	15	20	2144	1270	874	148	143	3"-4"	61	66	127
A6MD/9	18,5	25	2304	1385	919	148	143	3"-4"	67	70	137
A6MD/10	18,5	25	2419	1500	919	148	143	3"-4"	73	70	143
A6MD/11	22	30	2624	1615	1009	148	143	3"-4"	79	79	158
A6MD/12	22	30	2739	1730	1009	148	143	3"-4"	85	79	164
A6MD/13	26	35	2959	1845	1114	148	143	3"-4"	91	90	181
A6MD/14	26	35	3074	1960	1114	148	143	3"-4"	97	90	187
A6MD/15	30	40	3289	2075	1214	148	143	3"-4"	103	100	203
A6MD/16	30	40	3404	2190	1214	148	143	3"-4"	109	100	209
A6MD/17	37	50	3599	2305	1294	148	143	3"-4"	115	107	222
A6MD/18	37	50	3714	2420	1294	148	143	3"-4"	121	107	228
A6MD/19	37	50	3829	2535	1294	148	143	3"-4"	127	107	234
A6MDZ/20	45	60	3880	2650	1230	191	189	3"-4"	133	156	289
A6MDZ/21	45	60	4025	2795	1230	191	189	3"-4"	142	156	298
A6MDZ/22	45	60	4140	2910	1230	191	189	3"-4"	148	156	304

Manufactured for

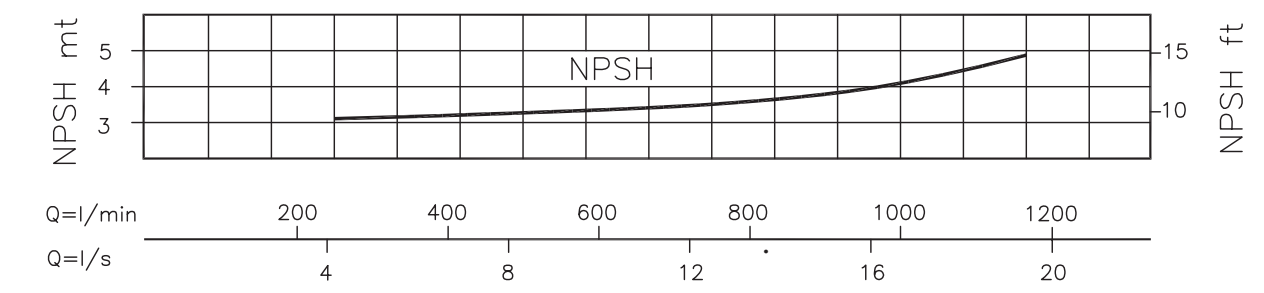
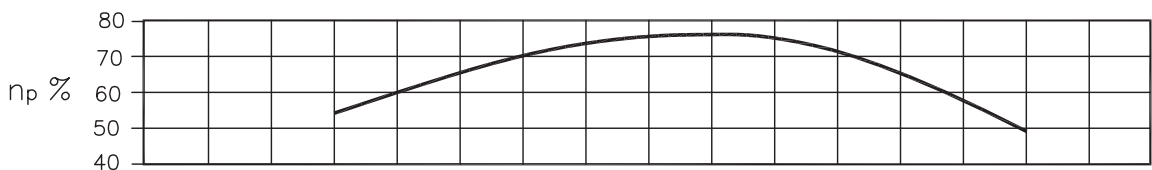
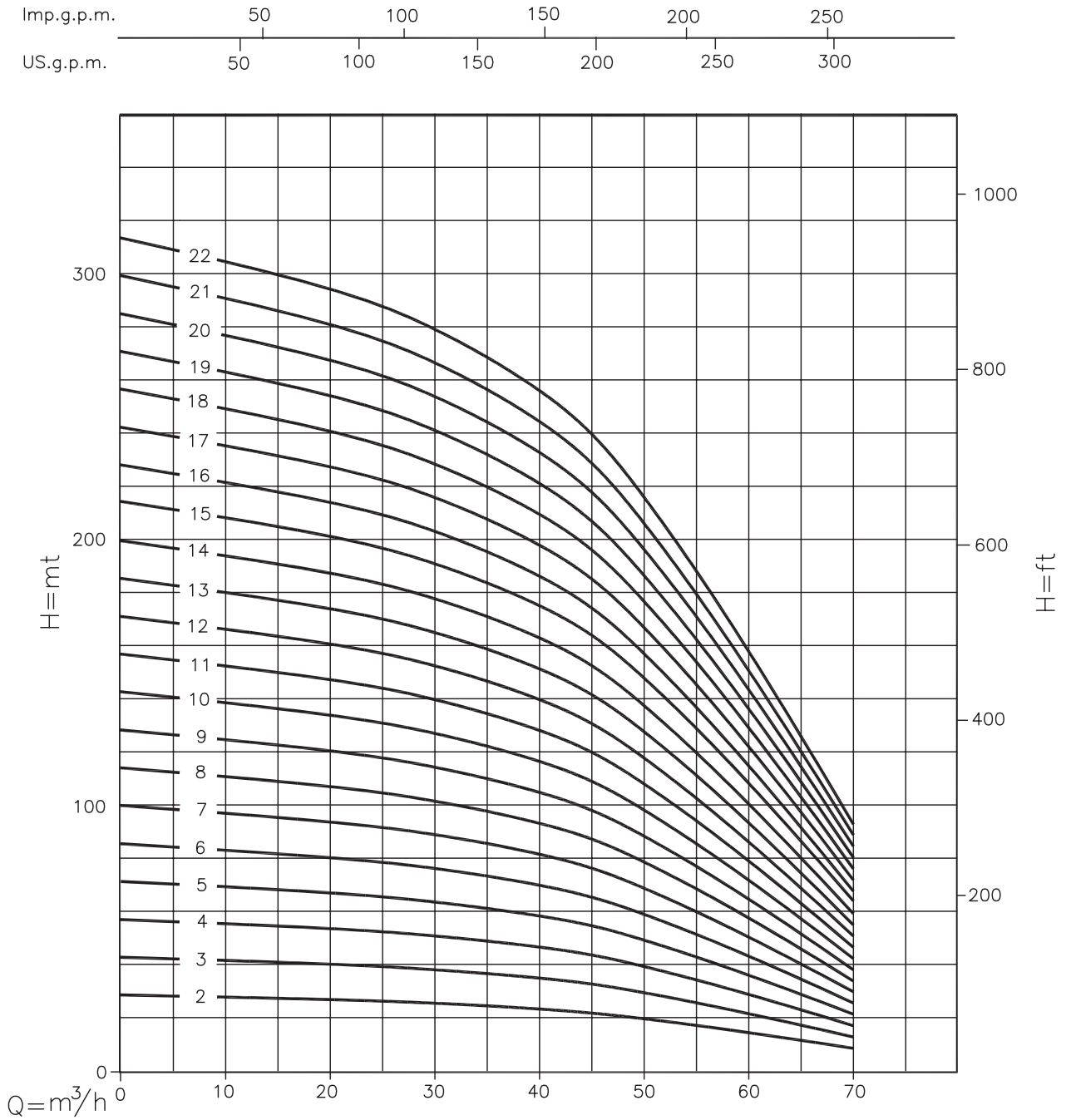


by **ANAVALOS PUMPS**

Performances range at 2900 r.p.m

A6MD

50Hz



Manufactured for



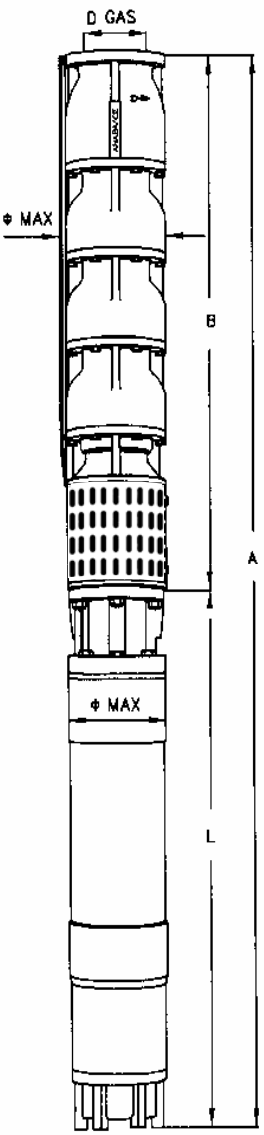
Archimedes Pump

by ANAVALOS PUMPS

Performances range at 2900 r.p.m

A6ME 50Hz

PUMP-MOTOR	CAPACITY								
	m3/h	0	20	30	40	50	60	70	80
	l/min	0	333	500	666	833	1000	1166	1333
	l/s	0	5,6	8,3	11,1	13,9	16,7	19,4	22,2
A6ME/2 6 - 5,5	H = m Total manometric head in metres	30	27	25	24	21	16	12	7
A6ME/3 6 - 7,5		43	40	39	36	32	25	18	10
A6ME/4 6 - 10		58	54	51	47	40	33	24	11
A6ME/5 6 - 12,5		73	67	63	58	51	41	30	15
A6ME/6 6 - 15		86	80	76	69	60	49	35	18
A6ME/7 6 - 17,5		102	94	88	81	72	59	42	21
A6ME/8 6 - 20		115	107	101	93	81	65	47	24
A6ME/9 6 - 25		128	120	114	105	92	74	53	27
A6ME/10A 6 - 25		145	134	127	117	102	83	60	30
A6ME/11 6 - 30		159	147	139	128	112	90	65	34
A6ME/12A 6 - 30		173	160	151	138	120	97	69	36
A6ME/13 6 - 35		187	174	164	152	132	107	77	39
A6ME/14A 6 - 35		201	188	178	163	141	115	83	42
A6ME/15 6 - 40		217	201	190	174	152	122	87	45
A6ME/16A 6 - 40		231	214	202	186	162	132	94	48
A6ME/17 6 - 50		245	230	218	199	174	140	100	51
A6ME/18 6 - 50		260	241	228	210	183	149	107	54
A6ME/19 8 - 60		272	253	240	221	193	157	112	57
A6MEZ/20 8 - 60		292	277	265	250	223	182	131	68
A6MEZ/21 8 - 60		309	291	279	261	234	192	139	73



PUMP TYPE	MOTOR POWER		DIMENSIONS						WEIGHT IN KG		
	KW	HP	A	B	L	Ø		D GAS	PUMP	MOTOR	TOTAL
						Pump	Motor				
A6ME/2	4	5,5	1279	580	699	148	143	3"-4"	25	48	73
A6ME/3	5,5	7,5	1394	695	699	148	143	3"-4"	31	48	79
A6ME/4	7,5	10	1529	810	719	148	143	3"-4"	37	50	87
A6ME/5	9,3	12,5	1674	925	749	148	143	3"-4"	43	53	96
A6ME/6	11	15	1819	1040	779	148	143	3"-4"	49	56	105
A6ME/7	13	17,5	1984	1155	829	148	143	3"-4"	55	61	116
A6ME/8	15	20	2144	1270	874	148	143	3"-4"	61	66	127
A6ME/9	18,5	25	2304	1385	919	148	143	3"-4"	67	70	137
A6ME/10A	18,5	25	2419	1500	919	148	143	3"-4"	73	70	143
A6ME/11	22	30	2624	1615	1009	148	143	3"-4"	79	79	158
A6ME/12A	22	30	2739	1730	1009	148	143	3"-4"	85	79	164
A6ME/13	26	35	2959	1845	1114	148	143	3"-4"	91	90	181
A6ME/14A	26	35	3074	1960	1114	148	143	3"-4"	97	90	187
A6ME/15	30	40	3289	2075	1214	148	143	3"-4"	103	100	203
A6ME/16A	30	40	3404	2190	1214	148	143	3"-4"	109	100	209
A6ME/17	37	50	3599	2305	1294	148	143	3"-4"	115	107	222
A6ME/18	37	50	3714	2420	1294	148	143	3"-4"	121	107	228
A6ME/19	45	60	3765	2535	1230	191	189	3"-4"	127	156	283
A6MEZ/20	45	60	3910	2680	1230	191	189	3"-4"	136	156	292
A6MEZ/21	45	60	4025	2795	1230	191	189	3"-4"	142	156	298

Manufactured for

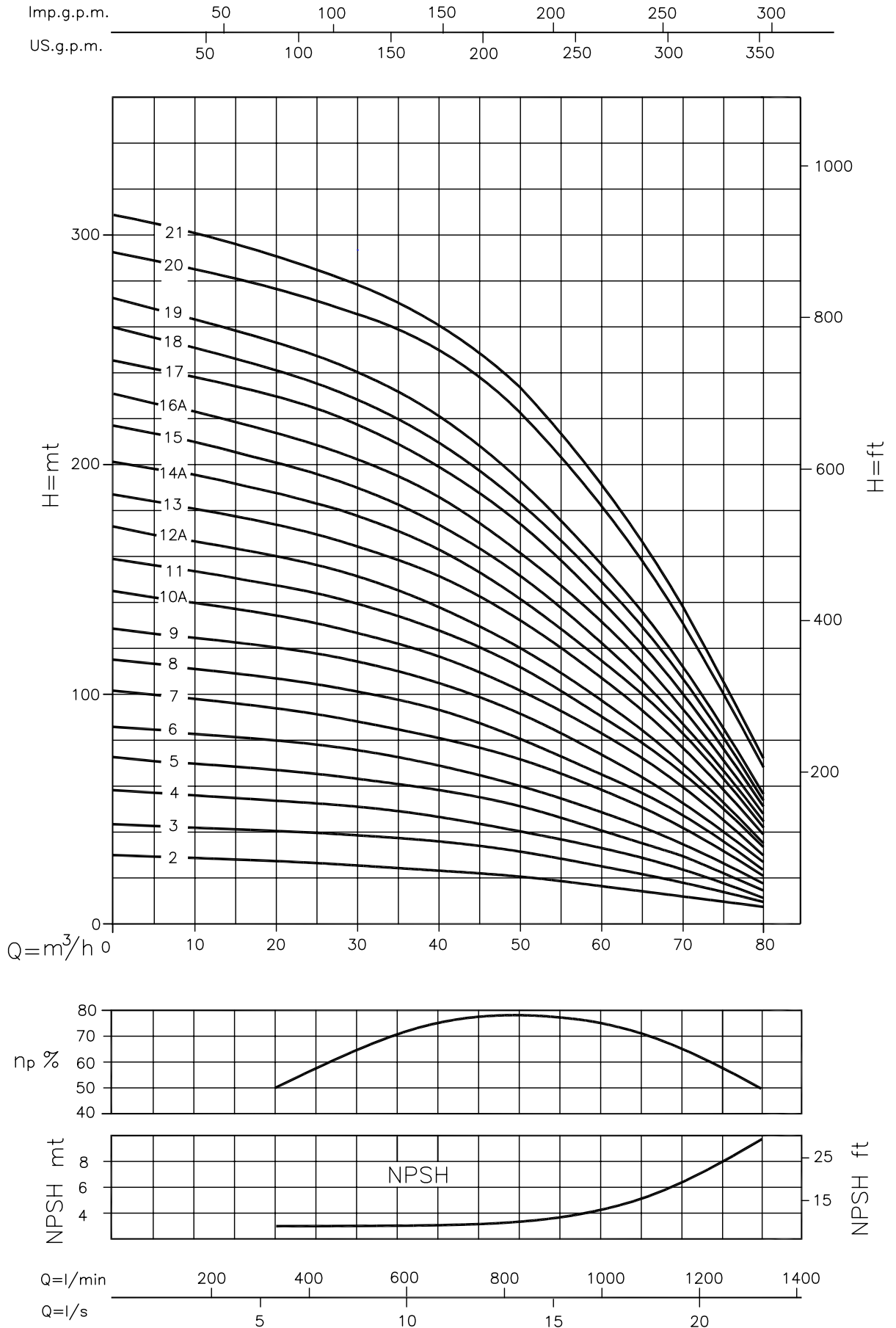


by **ANAVALOS** PUMPS

Performances range at 2900 r.p.m

A6ME

50Hz



Manufactured for



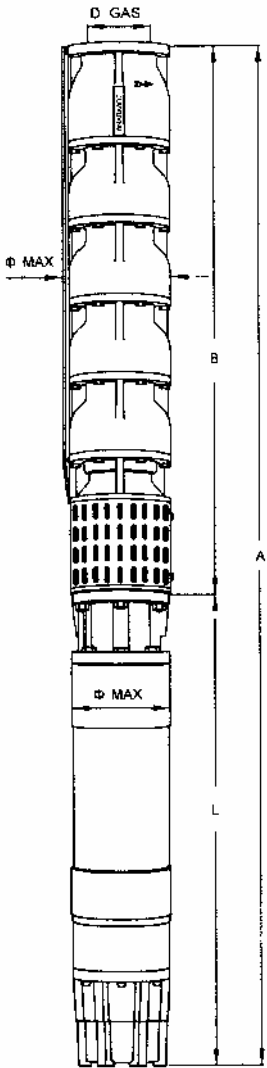
Archimedes Pump

by ANAVALOS PUMPS

Performances range at 2900 r.p.m

A7MA 50Hz

PUMP-MOTOR	CAPACITY									
	m3/h	0	30	40	50	60	70	80	90	
	l/min	0	500	666	833	1000	1166	1333	1499	
	l/s	0	8,3	11,1	13,9	16,7	19,4	22,2	25,0	
A7MA/1 6 - 5,5	6"	H = m	23	21	20	19	18	15	12	9
A7MA/2 6 - 10			43	40	39	37	34	29	24	18
A7MA/3 6 - 15			64	60	58	54	50	43	35	26
A7MA/4 6 - 20			85	79	76	72	66	58	46	34
A7MA/5 6 - 25			106	99	95	90	82	72	57	42
A7MA/6 6 - 30			127	119	114	107	98	85	69	50
A7MA/7 6 - 35			148	138	133	125	114	100	80	59
A7MA/8 6 - 40			169	158	151	143	130	114	90	67
A7MA/9 8 - 50			8"	Total manometric head in metres	190	178	170	160	147	128
A7MA/10A 8 - 50	210	197			189	178	163	142	114	84
A7MA/11 8 - 60	232	217			208	196	179	156	125	92
A7MA/12A 8 - 60	253	236			226	213	195	170	136	100
A7MA/13 8 - 70	275	256			245	231	212	184	148	108
A7MAZ/14 8 - 75	296	275			264	249	228	198	159	117
A7MAZ/15A 8 - 75	317	295			283	266	244	212	170	124
A7MAZ/16 8 - 80	337	314			301	284	260	226	180	132
A7MAZ/17 8 - 90	358	334			320	302	276	240	192	140
A7MAZ/18 8 - 100	379	353			339	319	292	254	203	149
A7MAZ/19A 8 - 100	400	373	358	337	309	269	215	157		



PUMP TYPE	MOTOR POWER		DIMENSIONS						WEIGHT IN KG		
	KW	HP	A	B	L	∅ Pump	Max Motor	D GAS	PUMP	MOTOR	TOTAL
A7MA/1	4	5,5	1209	510	699	182	143	4"	31	48	79
A7MA/2	7,5	10	1364	645	719	182	143	4"	42	50	92
A7MA/3	11	15	1559	780	779	182	143	4"	53	56	109
A7MA/4	15	20	1789	915	874	182	143	4"	64	66	130
A7MA/5	18,5	25	1969	1050	919	182	143	4"	75	70	145
A7MA/6	22	30	2194	1185	1009	182	143	4"	86	79	165
A7MA/7	26	35	2434	1320	1114	182	143	4"	97	90	187
A7MA/8	30	40	2669	1455	1214	182	143	4"	108	100	208
A7MA/9	37	50	2730	1590	1140	182	189	4"	119	140	259
A7MA/10A	37	50	2865	1725	1140	182	189	4"	130	140	270
A7MA/11	45	60	3090	1860	1230	182	189	4"	141	156	297
A7MA/12A	45	60	3225	1995	1230	182	189	4"	152	156	308
A7MA/13	52	70	3470	2130	1340	182	189	4"	163	179	342
A7MAZ/14	55	75	3605	2265	1340	182	189	4"	174	179	353
A7MAZ/15A	55	75	3740	2400	1340	182	189	4"	185	179	364
A7MAZ/16	60	80	4005	2535	1470	182	189	4"	196	198	394
A7MAZ/17	67	90	4140	2670	1470	182	189	4"	207	198	405
A7MAZ/18	75	100	4365	2805	1560	182	189	4"	218	215	433
A7MAZ/19A	75	100	4500	2940	1560	182	189	4"	229	215	444

Manufactured for

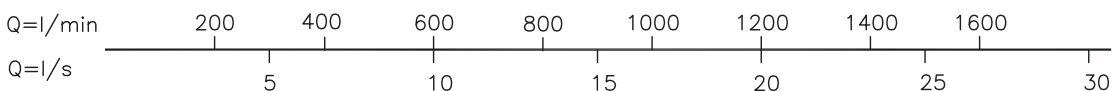
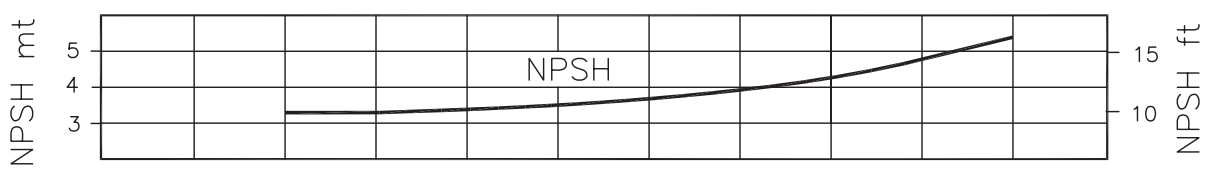
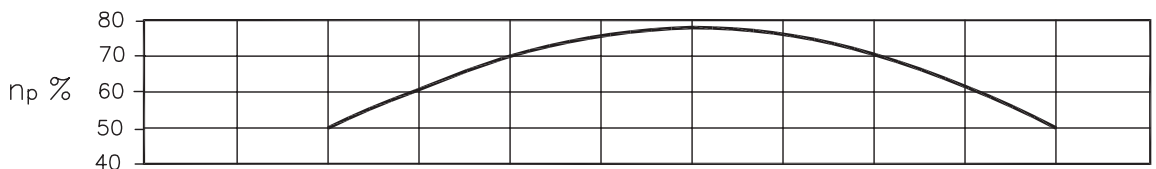
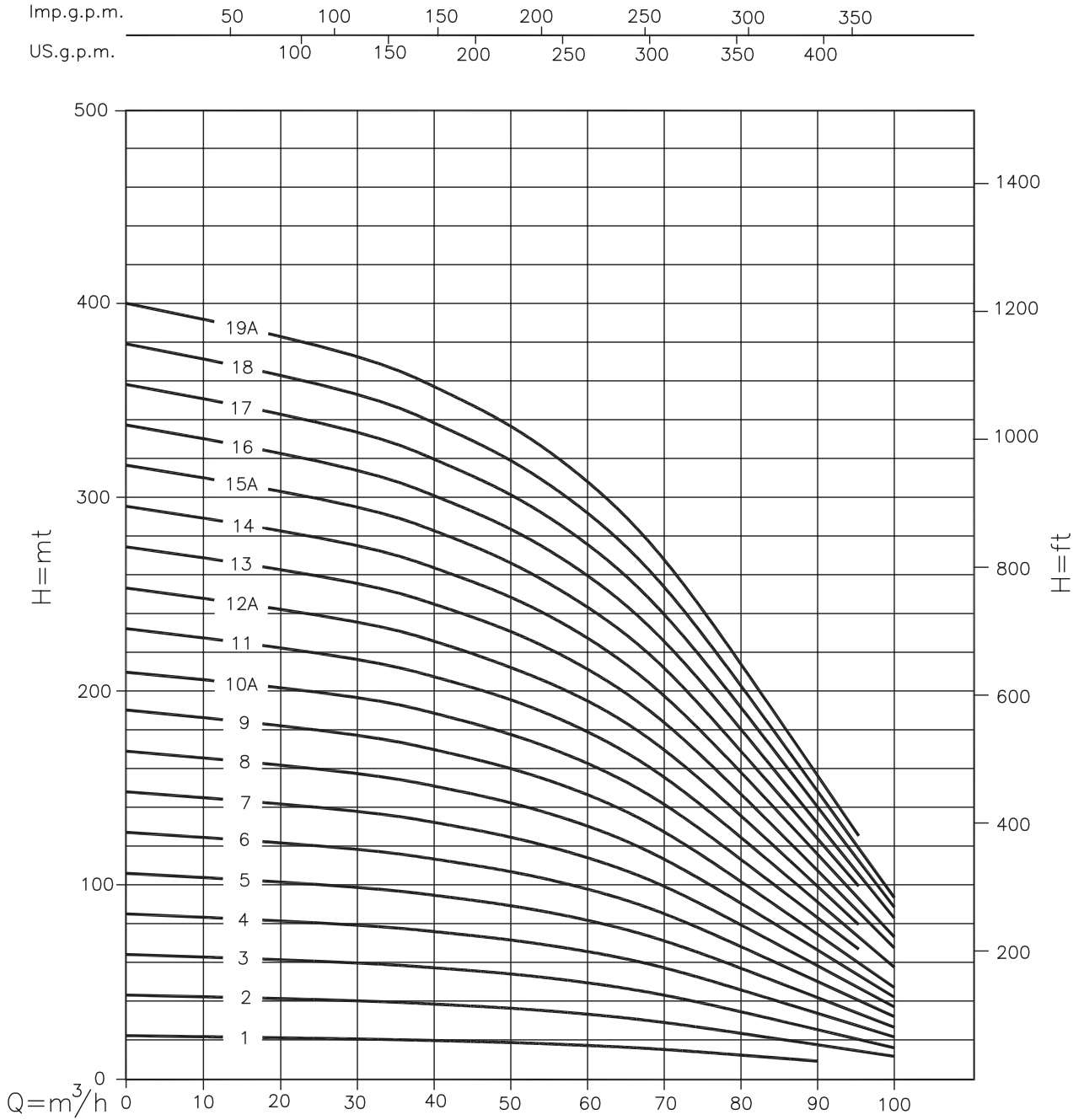


by **ANAVALOS PUMPS**

Performances range at 2900 r.p.m

A7MA

50Hz



CURVE No 2.5.10.020.1

Manufactured for



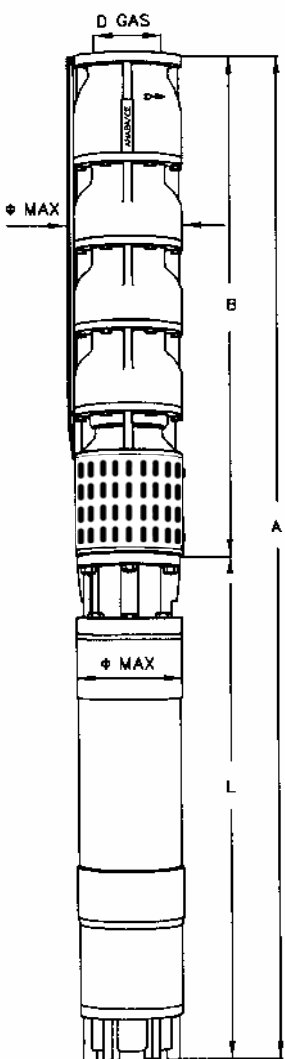
Archimedes
Pump

by **ANAVALOS**
PUMPS

Performances range at 2900 r.p.m

A7MB 50Hz

PUMP-MOTOR		CAPACITY								
		m3/h	0	40	60	70	80	90	100	120
		l/min	0	666	1000	1166	1333	1499	1666	1999
		l/s	0	11,1	16,7	19,4	22,2	25,0	27,8	33,3
A7MB/1 6 - 7,5	6"	H = m	24	21	19	18	16	14	12	
A7MB/2A 6 - 12,5			44	39	35	32	30	26	21	
A7MB/3 6 - 20			69	61	55	51	46	40	34	19
A7MB/4A 6 - 25			88	79	71	65	59	51	42	
A7MB/5B 6 - 30			107	95	86	79	71	61	51	
A7MB/5 6 - 35			115	102	92	86	77	67	56	31
A7MB/6 6 - 40	8"	Total manometric head in metres	138	122	110	102	92	80	66	37
A7MB/7 8 - 50			160	142	129	120	108	93	77	43
A7MB/8 8 - 50			183	163	147	136	122	106	88	49
A7MB/9 8 - 60			206	183	165	153	138	120	99	55
A7MB/10B 8 - 60			215	192	172	159	141	124	102	
A7MB/10 8 - 70			229	203	184	170	153	133	110	61
A7MB/11 8 - 70			252	224	202	187	169	146	121	67
A7MB/12 8 - 75			275	244	220	204	184	160	132	73
A7MB/13A 8 - 80			288	256	232	213	193	165	136	
A7MBZ/14 8 - 90			320	284	257	238	214	186	154	85
A7MBZ/15 8 - 100			343	305	275	255	230	199	165	91
A7MBZ/16A 8 - 100			353	315	284	263	237	204	171	
A7MBZ/16 8 - 110			366	325	293	272	245	212	176	97
A7MBZ/17A 8 - 110			376	334	302	280	252	217	181	
A7MBZ/17 8 - 125			387	344	310	289	260	225	184	104
A7MBZ/18 8 - 125			412	366	330	306	275	239	199	109



PUMP TYPE	MOTOR POWER		DIMENSIONS						WEIGHT IN KG		
	KW	HP	A	B	L	Ø		D GAS	PUMP	MOTOR	TOTAL
						Pump	Max Motor				
A7MB/1	5,5	7,5	1209	510	699	182	143	4"	31	48	79
A7MB/2A	9,3	12,5	1394	645	749	182	143	4"	42	53	95
A7MB/3	15	20	1654	780	874	182	143	4"	53	66	119
A7MB/4A	18,5	25	1834	915	919	182	143	4"	64	70	134
A7MB/5B	22	30	2059	1050	1009	182	143	4"	75	79	154
A7MB/5	26	35	2164	1050	1114	182	143	4"	75	90	165
A7MB/6	30	40	2399	1185	1214	182	143	4"	86	100	186
A7MB/7	37	50	2460	1320	1140	182	189	4"	97	140	237
A7MB/8	37	50	2595	1455	1140	182	189	4"	108	140	248
A7MB/9	45	60	2820	1590	1230	182	189	4"	119	156	275
A7MB/10B	45	60	2955	1725	1230	182	189	4"	130	156	286
A7MB/10	52	70	3065	1725	1340	182	189	4"	130	179	309
A7MB/11	52	70	3200	1860	1340	182	189	4"	141	179	320
A7MB/12	55	75	3335	1995	1340	182	189	4"	152	179	331
A7MB/13A	60	80	3600	2130	1470	182	189	4"	163	198	361
A7MBZ/14	67	90	3735	2265	1470	182	189	4"	174	198	372
A7MBZ/15	75	100	3960	2400	1560	182	189	4"	185	215	400
A7MBZ/16A	75	100	4095	2535	1560	182	189	4"	196	215	411
A7MBZ/16	83	110	4095	2535	1560	182	189	4"	196	247	443
A7MBZ/17A	83	110	4230	2670	1560	182	189	4"	207	247	454
A7MBZ/17	93	125	4410	2670	1740	182	189	4"	207	247	454
A7MBZ/18	93	125	4545	2805	1740	182	189	4"	218	247	465

Manufactured for

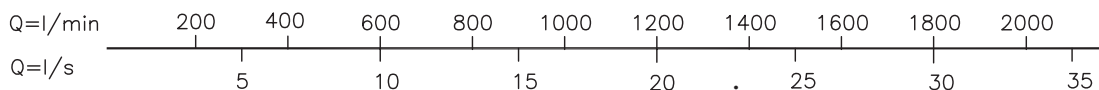
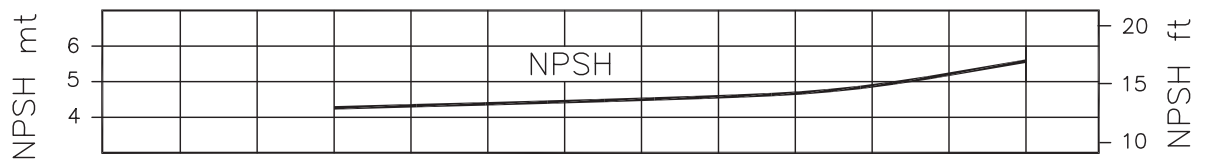
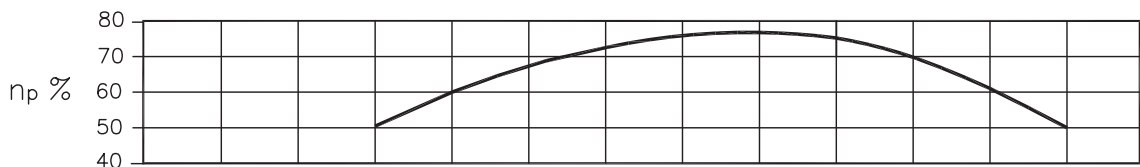
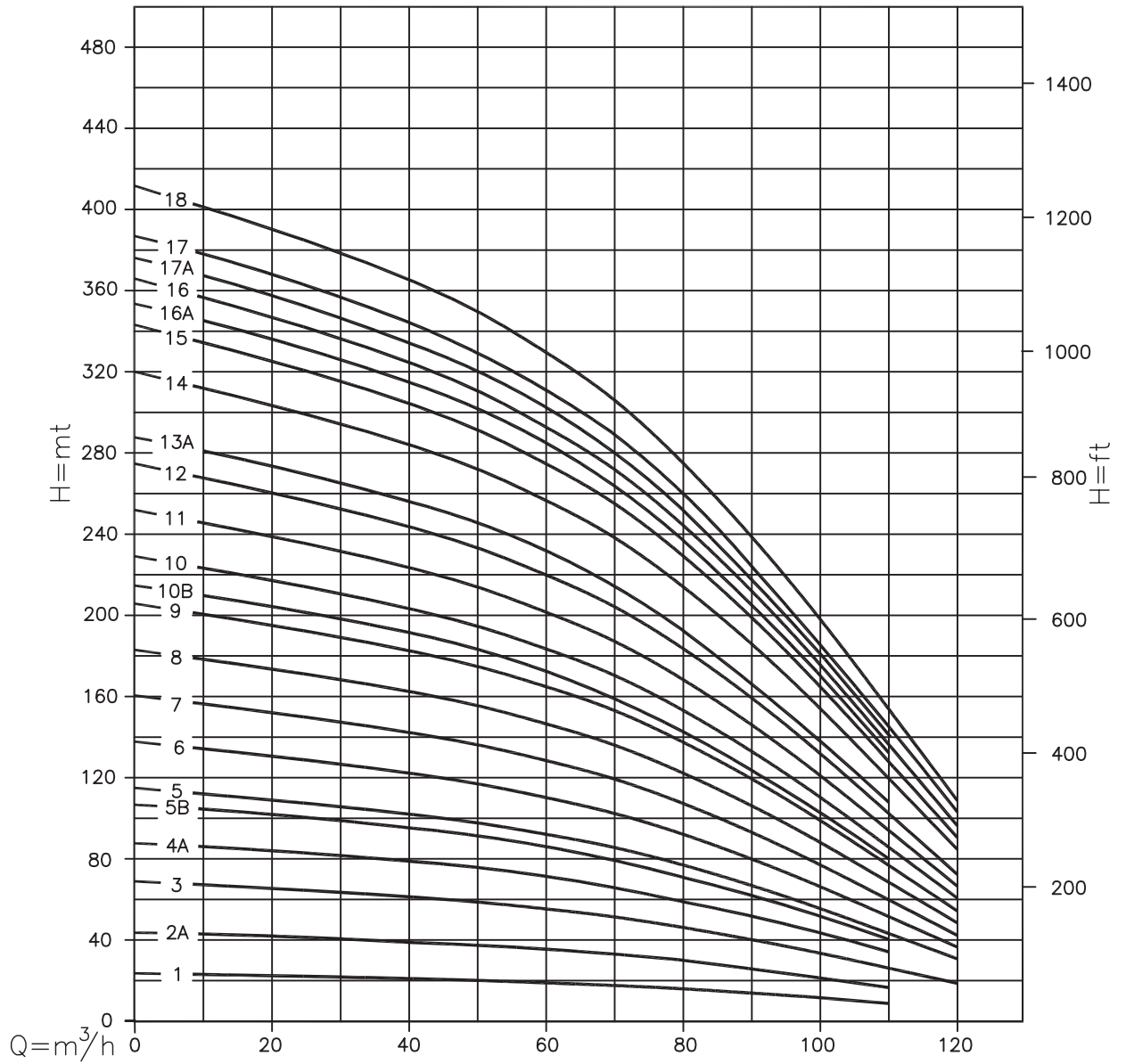
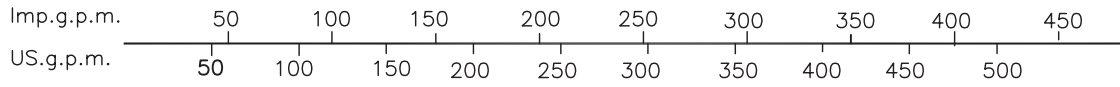


by **ANAVALOS PUMPS**

Performances range at 2900 r.p.m

A7MB

50Hz



Manufactured for



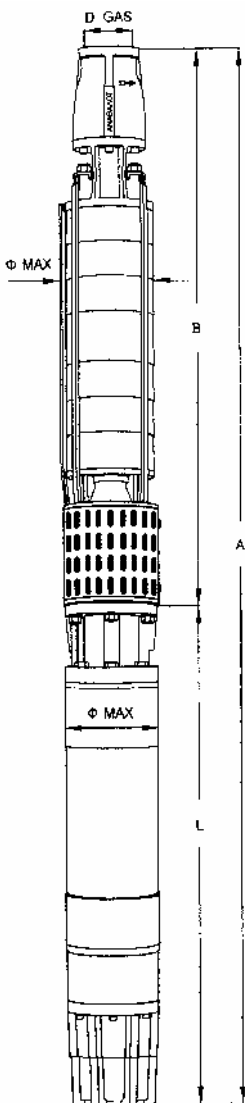
Archimedes Pump

by ANAVALOS PUMPS

Performances range at 2900 r.p.m

A8RA 50Hz

PUMP-MOTOR	CAPACITY								
	m3/h	0	5	10	15	17,5	20	22,5	27,5
	l/min	0	83	167	250	292	333	375	458
	l/s	0	1,4	2,8	4,2	4,9	5,6	6,2	7,6
A8RA/5 6 - 7,5	H = m Total manometric head in metres	100	93	85	74	67	60	51	30
A8RA/6 6 - 10		120	112	102	88	80	71	61	35
A8RA/7 6 - 12,5		140	130	119	103	94	83	71	41
A8RA/8 6 - 12,5		160	149	135	117	107	95	81	47
A8RA/9 6 - 15		178	167	153	132	120	107	91	53
A8RA/10 6 - 15		197	186	169	147	133	118	101	59
A8RA/11-1 6 - 17,5		218	204	186	162	147	130	110	64
A8RA/12-1 6 - 20		240	223	202	176	160	141	121	70
A8RA/13-1 6 - 20		260	241	219	190	173	153	131	75
A8RA/14-1 6 - 25		280	260	236	205	186	164	140	81
A8RA/15-1 6 - 25		299	278	253	220	199	176	151	87
A8RA/16-1 6 - 25		319	297	270	234	212	188	160	93
A8RA/17-1 6 - 30		339	315	286	248	225	200	170	98
A8RA/18-1 6 - 30		358	332	303	263	238	211	181	104
A8RA/19-2 6 - 30		378	351	320	279	252	223	190	110
A8RA/20-2 6 - 35		398	371	338	292	264	234	200	116
A8RA/21-2 6 - 35		418	389	355	308	279	247	211	120
A8RA/22-2 6 - 35		438	408	372	323	293	259	221	126
A8RA/23-2 8 - 40		456	425	386	335	304	269	230	131
A8RA/24-2 8 - 40		476	444	404	350	318	281	240	138
A8RA/25-2 8 - 40		496	462	421	365	331	293	250	144
A8RA/26-3 8 - 40		516	481	439	380	345	305	261	150
A8RA/27-3 8 - 50		537	499	454	394	358	316	270	155
A8RA/28-3 8 - 50		557	518	471	410	372	328	280	160



PUMP TYPE	MOTOR POWER		DIMENSIONS						WEIGHT IN KG		
	KW	HP	A	B	L	Φ Pump	Max Motor	D GAS	PUMP	MOTOR	TOTAL
A8RA/5	5,5	7,5	1569	870	699	191	143	3"	82	48	130
A8RA/6	7,5	10	1654	935	719	191	143	3"	88,5	50	138,5
A8RA/7	9,3	12,5	1749	1000	749	191	143	3"	95	53	148
A8RA/8	9,3	12,5	1814	1065	749	191	143	3"	101,5	53	154,5
A8RA/9	11	15	1909	1130	779	191	143	3"	108	56	164
A8RA/10	11	15	1974	1195	779	191	143	3"	114,5	56	170,5
A8RA/11-1	13	17,5	2183	1354	829	191	143	3"	129	61	190
A8RA/12-1	15	20	2293	1419	874	191	143	3"	135,5	66	201,5
A8RA/13-1	15	20	2358	1484	874	191	143	3"	142	66	208
A8RA/14-1	18,5	25	2468	1549	919	191	143	3"	148,5	70	218,5
A8RA/15-1	18,5	25	2533	1614	919	191	143	3"	155	70	225
A8RA/16-1	18,5	25	2598	1679	919	191	143	3"	161,5	70	231,5
A8RA/17-1	22	30	2753	1744	1009	191	143	3"	168	79	247
A8RA/18-1	22	30	2818	1809	1009	191	143	3"	174,5	79	253,5
A8RA/19-2	22	30	2977	1968	1009	191	143	3"	189	79	268
A8RA/20-2	26	35	3147	2033	1114	191	143	3"	195,5	90	285,5
A8RA/21-2	26	35	3212	2098	1114	191	143	3"	202	90	292
A8RA/22-2	26	35	3277	2163	1114	191	143	3"	208,5	90	298,5
A8RA/23-2	30	40	3368	2228	1140	194	189	3"	215	140	355
A8RA/24-2	30	40	3433	2293	1140	194	189	3"	221,5	140	361,5
A8RA/25-2	30	40	3498	2358	1140	194	189	3"	228	140	368
A8RA/26-3	30	40	3657	2517	1140	194	189	3"	242,5	140	382,5
A8RA/27-3	37	50	3722	2582	1140	194	189	3"	249	140	389
A8RA/28-3	37	50	3787	2647	1140	194	189	3"	255,5	140	395,5

Manufactured for



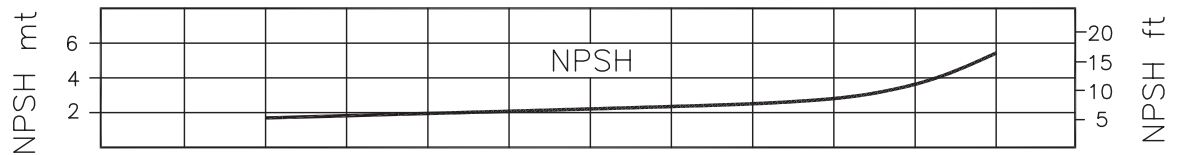
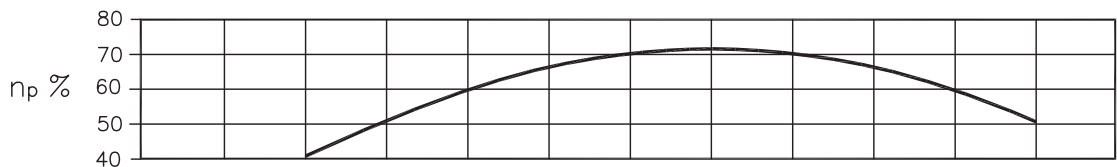
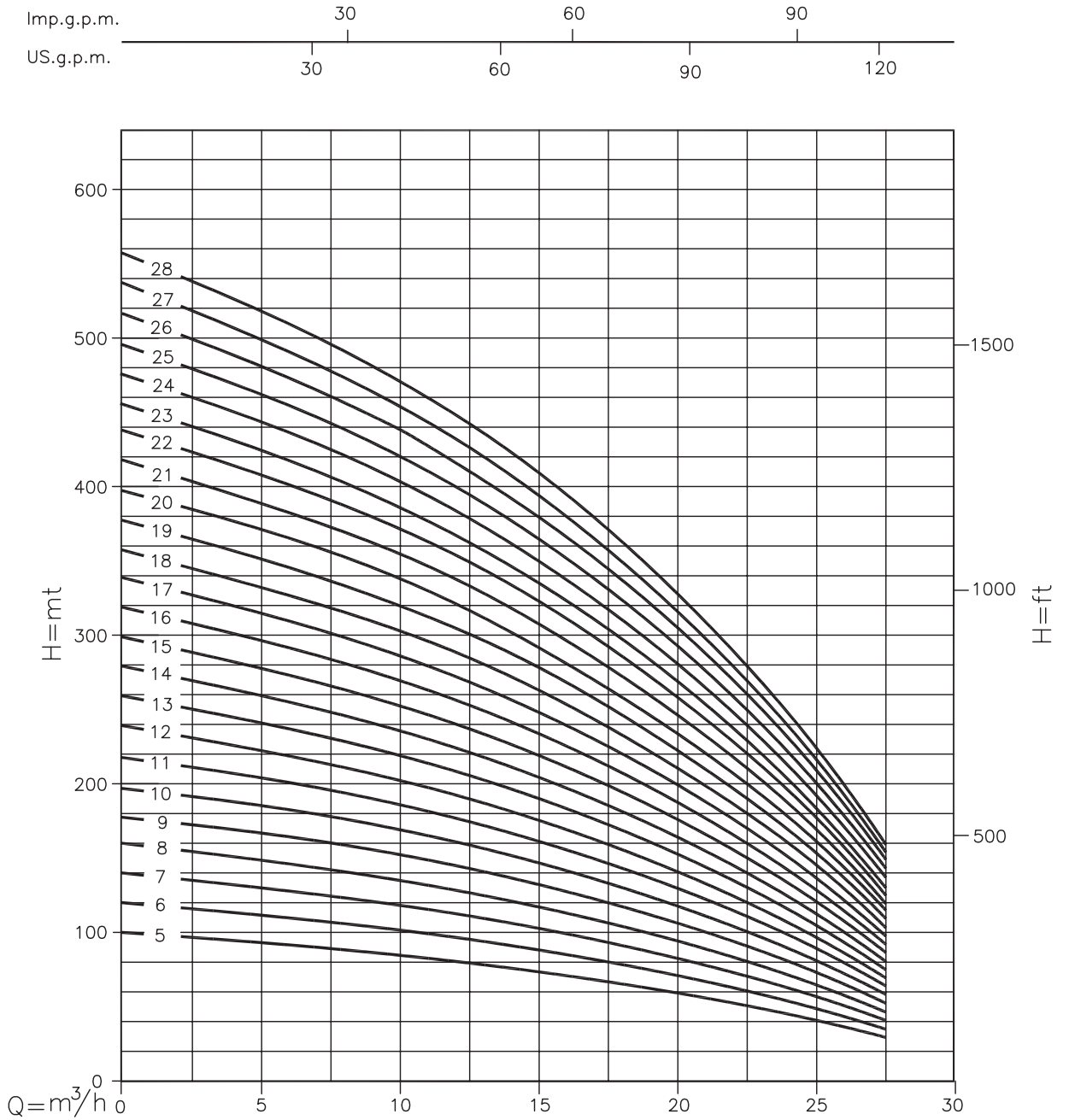
by



Performances range at 2900 r.p.m

A8RA

50Hz



Q=l/min 100 200 300 400 500

Q=l/s 2 4 6 8

Manufactured for



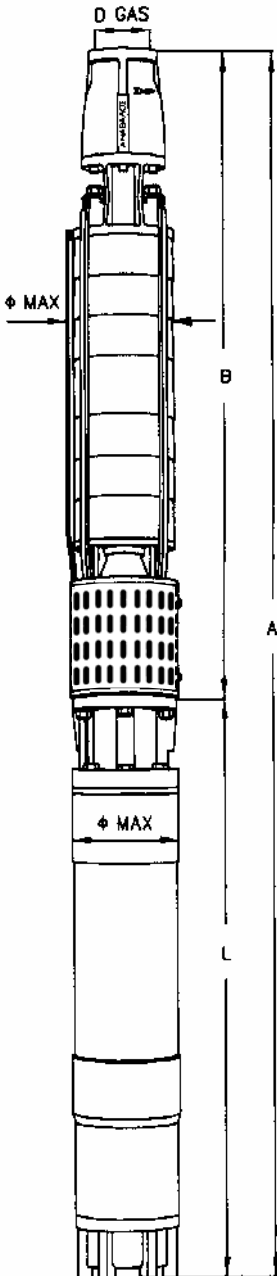
Archimedes Pump

by ANAVALOS PUMPS

Performances range at 2900 r.p.m

A8RB 50Hz

PUMP-MOTOR	CAPACITY									
	m3/h	0	10	15	20	25	30	35	40	
	l/min	0	167	250	333	417	500	583	666	
	l/s	0	2,8	4,2	5,6	6,9	8,3	9,7	11,1	
A8RB/3 6 - 7,5	6"	H = m	65	59	56	52	46	39	30	21
A8RB/4 6 - 10			86	78	74	69	61	51	40	28
A8RB/5 6 - 12,5			107	98	93	86	77	64	50	34
A8RB/6 6 - 12,5			127	117	110	102	91	76	59	41
A8RB/7 6 - 15			149	136	128	118	106	89	69	47
A8RB/8 6 - 17,5			169	155	146	135	121	101	79	54
A8RB/9 6 - 20			191	174	164	152	136	113	88	60
A8RB/10 6 - 20			212	195	184	169	151	127	99	68
A8RB/11-16 - 25			233	214	201	186	166	139	108	74
A8RB/12-16 - 25			253	232	219	202	180	151	117	80
A8RB/13-16 - 30			275	251	237	219	195	163	127	86
A8RB/14-16 - 30			295	271	255	235	210	176	137	93
A8RB/15-16 - 30			317	292	275	253	226	189	147	100
A8RB/16-16 - 35			338	309	292	269	241	201	156	106
A8RB/17-16 - 35			359	328	309	286	255	213	166	112
A8RB/18-16 - 40			379	348	328	302	270	226	176	119
A8RB/19-2 6 - 40			401	367	346	319	285	238	185	126
A8RB/20-2 8 - 50	8"	Total manometric head in metres	422	386	364	336	300	251	195	133
A8RB/21-2 8 - 50			444	406	383	353	316	264	205	139
A8RB/22-2 8 - 50			464	425	401	371	331	277	215	146
A8RB/23-2 8 - 50			486	445	419	387	346	289	225	153
A8RB/24-2 8 - 50			506	464	437	404	360	301	234	159
A8RB/25-2 8 - 60			528	483	455	420	375	314	244	166
A8RB/26-3 8 - 60			548	502	474	437	390	326	254	172
A8RB/27-3 8 - 60			569	521	491	453	405	338	263	178



PUMP TYPE	MOTOR POWER		DIMENSIONS						WEIGHT IN KG				
	KW	HP	A	B	L	Ø		D GAS	PUMP	MOTOR	TOTAL		
						Pump	Max Motor						
A8RB/3	5,5	7,5	1439	740	699	191	143	3"	69	48	117		
A8RB/4	7,5	10	1524	805	719	191	143	3"	75,5	50	125,5		
A8RB/5	9,3	12,5	1619	870	749	191	143	3"	82	53	135		
A8RB/6	9,3	12,5	1684	935	749	191	143	3"	88,5	53	141,5		
A8RB/7	11	15	1779	1000	779	191	143	3"	95	56	151		
A8RB/8	13	17,5	1894	1065	829	191	143	3"	101,5	61	162,5		
A8RB/9	15	20	2004	1130	874	191	143	3"	108	66	174		
A8RB/10	15	20	2069	1195	874	191	143	3"	114,5	66	180,5		
A8RB/11-1	6"	18,5	25	2273	1354	919	191	143	3"	129	70	199	
A8RB/12-1		18,5	25	2338	1419	919	191	143	3"	135,5	70	205,5	
A8RB/13-1		22	30	2493	1484	1009	191	143	3"	142	79	221	
A8RB/14-1		22	30	2558	1549	1009	191	143	3"	148,5	79	227,5	
A8RB/15-1		22	30	2623	1614	1009	191	143	3"	155	79	234	
A8RB/16-1		26	35	2793	1679	1114	191	143	3"	161,5	90	251,5	
A8RB/17-1		26	35	2858	1744	1114	191	143	3"	168	90	258	
A8RB/18-1		30	40	3023	1809	1214	191	143	3"	174,5	100	274,5	
A8RB/19-2		30	40	3182	1968	1214	191	143	3"	189	100	289	
A8RB/20-2		8"	37	50	3173	2033	1140	194	189	3"	195,5	140	335,5
A8RB/21-2			37	50	3238	2098	1140	194	189	3"	202	140	342
A8RB/22-2			37	50	3303	2163	1140	194	189	3"	208,5	140	348,5
A8RB/23-2			37	50	3368	2228	1140	194	189	3"	215	140	355
A8RB/24-2			37	50	3433	2293	1140	194	189	3"	221,5	140	361,5
A8RB/25-2			45	60	3588	2358	1230	194	189	3"	228	156	384
A8RB/26-3			45	60	3747	2517	1230	194	189	3"	242,5	156	398,5
A8RB/27-3			45	60	3812	2582	1230	194	189	3"	249	156	405

Manufactured for

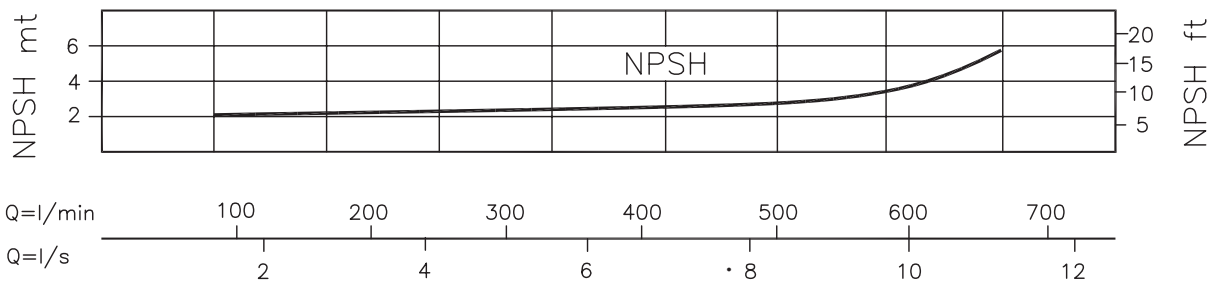
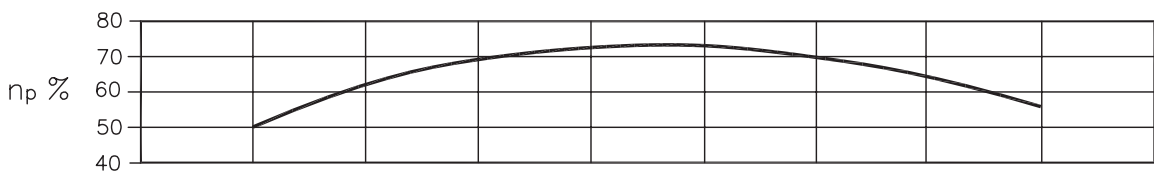
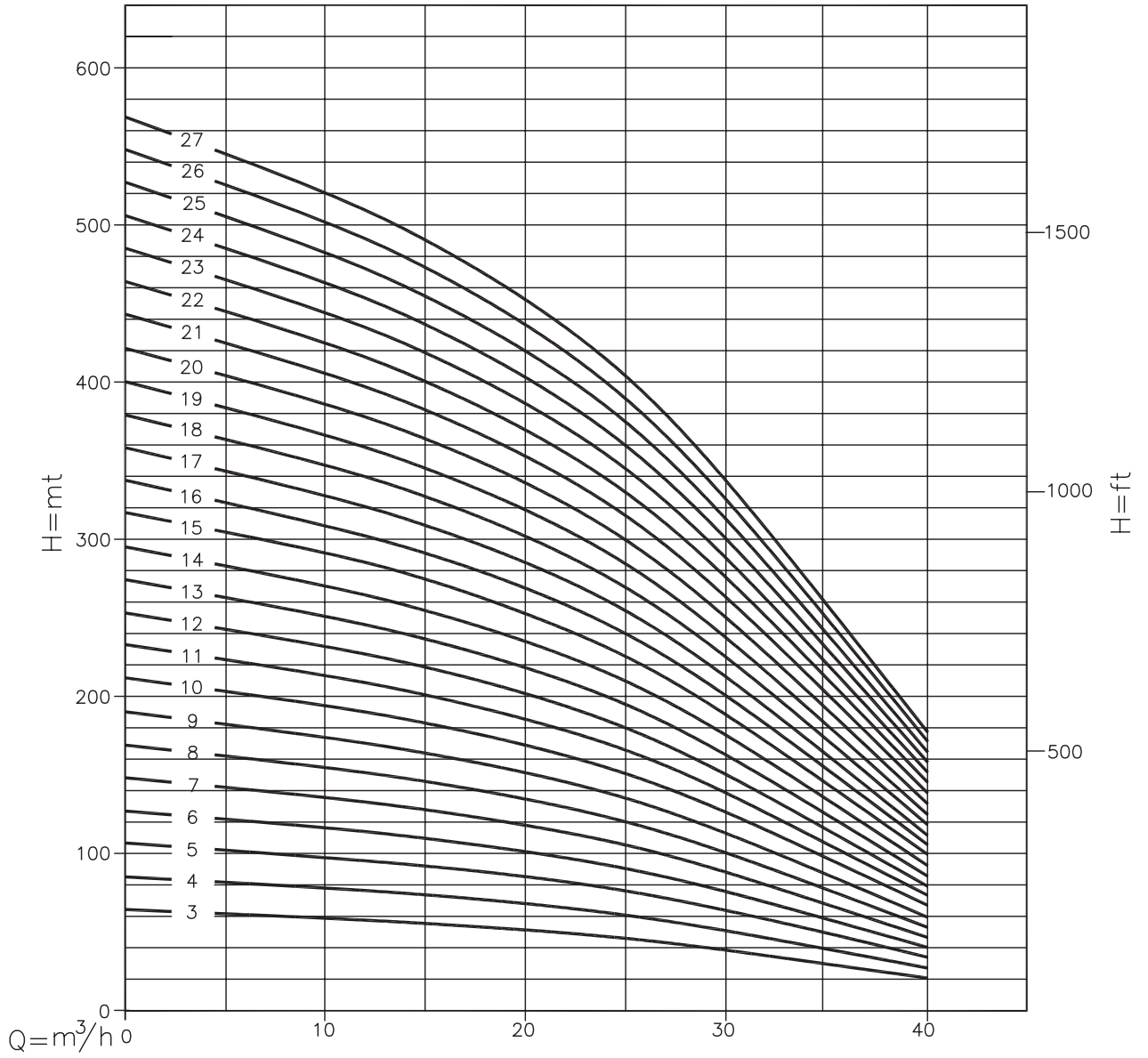
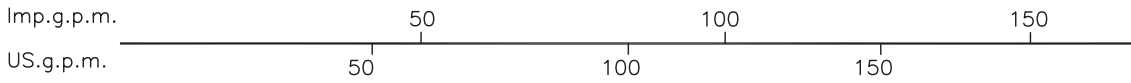


by **ANAVALOS PUMPS**

Performances range at 2900 r.p.m

A8RB

50Hz



CURVE No 2.5.10.039.1

Manufactured for



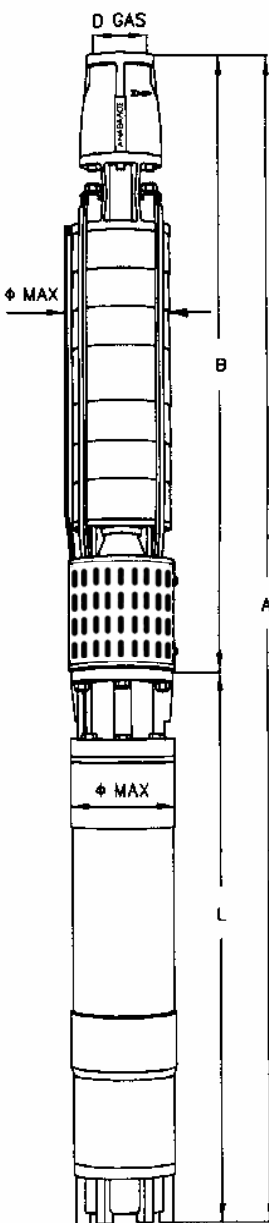
Archimedes Pump

by ANAVALOS PUMPS

Performances range at 2900 r.p.m

A8RNB 50Hz

PUMP-MOTOR	CAPACITY										
	m3/h	0	10	15	20	25	30	35	40		
	l/min	0	167	250	333	417	500	583	666		
	l/s	0	2,8	4,2	5,6	6,9	8,3	9,7	11,1		
A8RNB/3 6 - 7,5	Total manometric head in metres	6"		65	59	56	52	46	39	30	21
A8RNB/4 6 - 10		86	78	74	69	61	51	40	28		
A8RNB/5 6 - 12,5		107	98	93	86	77	64	50	34		
A8RNB/6 6 - 12,5		127	117	110	102	91	76	59	41		
A8RNB/7 6 - 15		149	136	128	118	106	89	69	47		
A8RNB/8 6 - 17,5		169	155	146	135	121	101	79	54		
A8RNB/9 6 - 20		191	174	164	152	136	113	88	60		
A8RNB/10 6 - 20		212	195	184	169	151	127	99	68		
A8RNB/11-16 - 25		233	214	201	186	166	139	108	74		
A8RNB/12-16 - 25		253	232	219	202	180	151	117	80		
A8RNB/13-16 - 30		275	251	237	219	195	163	127	86		
A8RNB/14-16 - 30		295	271	255	235	210	176	137	93		
A8RNB/15-16 - 30		317	292	275	253	226	189	147	100		
A8RNB/16-16 - 35		338	309	292	269	241	201	156	106		
A8RNB/17-16 - 35		359	328	309	286	255	213	166	112		
8RNB/18-1 6 - 40		379	348	328	302	270	226	176	119		
8RNB/19-2 6 - 40		401	367	346	319	285	238	185	126		
8RNB/20-2 8 - 50		422	386	364	336	300	251	195	133		
8RNB/21-2 8 - 50		444	406	383	353	316	264	205	139		
8RNB/22-2 8 - 50		464	425	401	371	331	277	215	146		
8RNB/23-2 8 - 50		486	445	419	387	346	289	225	153		
8RNB/24-2 8 - 50		506	464	437	404	360	301	234	159		
8RNB/25-2 8 - 60		528	483	455	420	375	314	244	166		



PUMP TYPE	MOTOR POWER		DIMENSIONS						WEIGHT IN KG		
	KW	HP	A	B	L	φ		D GAS	ANTAIA PUMP	MOTEP MOTOR	OAIKO TOTAL
						Pump	Motor				
A8RNB/3	5,5	7,5	1439	740	699	191	143	3"	66	48	114
A8RNB/4	7,5	10	1524	805	719	191	143	3"	71,5	50	121,5
A8RNB/5	9,3	12,5	1619	870	749	191	143	3"	77	53	130
A8RNB/6	9,3	12,5	1684	935	749	191	143	3"	82,5	53	135,5
A8RNB/7	11	15	1779	1000	779	191	143	3"	88	56	144
A8RNB/8	13	17,5	1894	1065	829	191	143	3"	93,5	61	154,5
A8RNB/9	15	20	2004	1130	874	191	143	3"	99	66	165
A8RNB/10	15	20	2069	1195	874	191	143	3"	104,5	66	170,5
A8RNB/11-1	18,5	25	2273	1354	919	191	143	3"	116,5	70	186,5
A8RNB/12-1	18,5	25	2338	1419	919	191	143	3"	122	70	192
A8RNB/13-1	22	30	2493	1484	1009	191	143	3"	127,5	79	206,5
A8RNB/14-1	22	30	2558	1549	1009	191	143	3"	133	79	212
A8RNB/15-1	22	30	2623	1614	1009	191	143	3"	138,5	79	217,5
A8RNB/16-1	26	35	2793	1679	1114	191	143	3"	144	90	234
A8RNB/17-1	26	35	2858	1744	1114	191	143	3"	149,5	90	239,5
A8RNB/18-1	30	40	3023	1809	1214	191	143	3"	155	100	255
A8RNB/19-2	30	40	3182	1968	1214	191	143	3"	167	100	267
A8RNB/20-2	37	50	3173	2033	1140	194	189	3"	172,5	140	312,5
A8RNB/21-2	37	50	3238	2098	1140	194	189	3"	178	140	318
A8RNB/22-2	37	50	3303	2163	1140	194	189	3"	183,5	140	323,5
A8RNB/23-2	37	50	3368	2228	1140	194	189	3"	189	140	329
A8RNB/24-2	37	50	3433	2293	1140	194	189	3"	194,5	140	334,5
A8RNB/25-2	45	60	3588	2358	1230	194	189	3"	200	156	356

Manufactured for



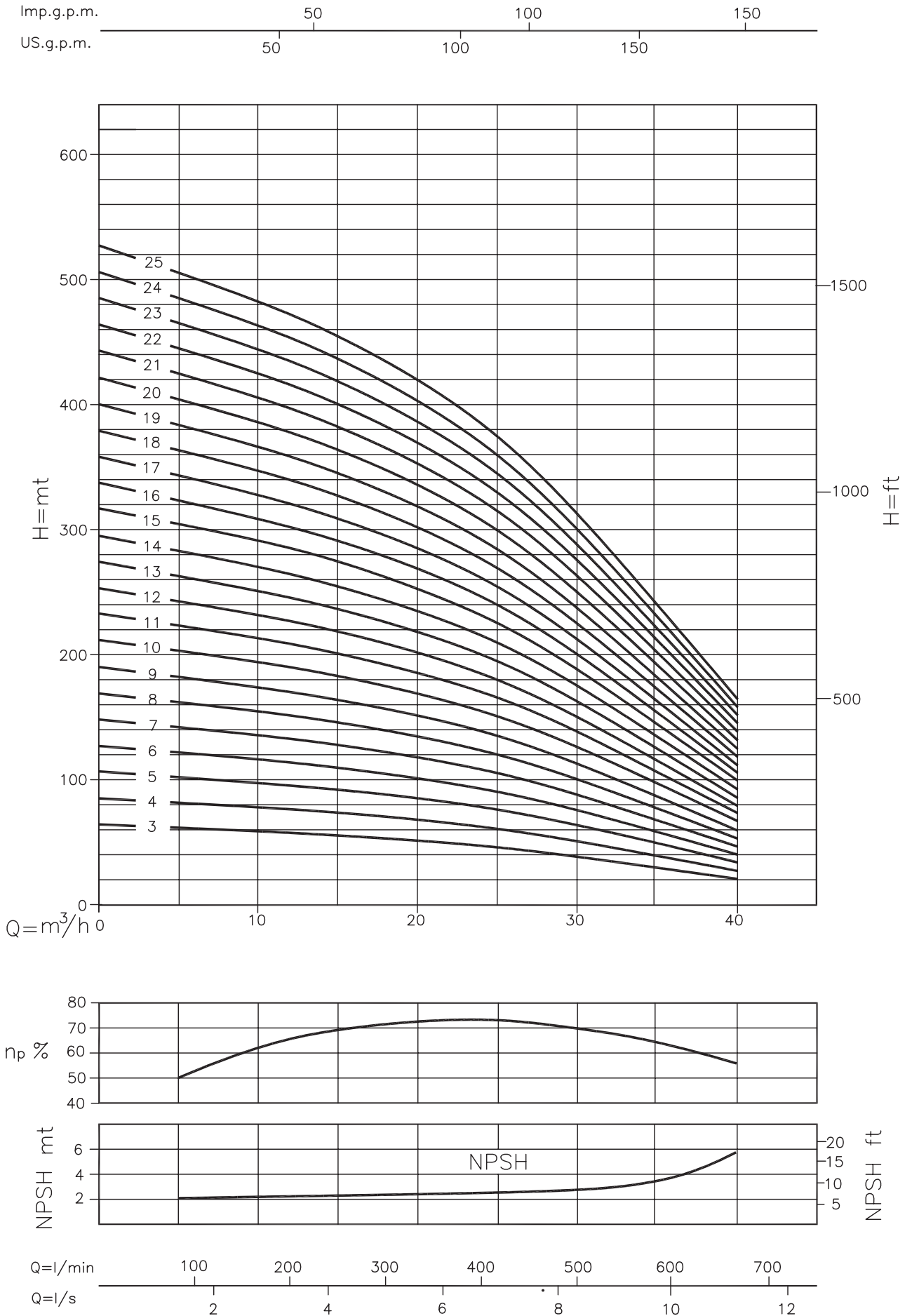
by



Performances range at 2900 r.p.m

A8RNB

50Hz



Manufactured for



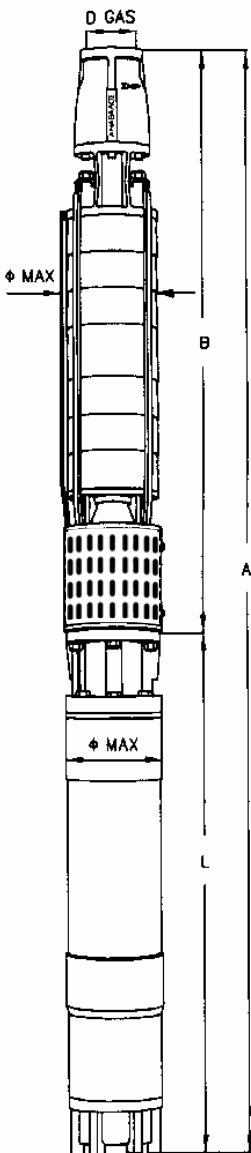
Archimedes Pump

by ANAVALOS PUMPS

Performances range at 2900 r.p.m

A8RC 50Hz

PUMP-MOTOR	CAPACITY									
	m3/h	0	20	25	30	35	40	45	50	
	l/min	0	333	417	500	583	666	750	833	
	l/s	0	5,6	6,9	8,3	9,7	11,1	12,5	13,9	
A8RC/2 6 - 7,5	6"	H = m	43	38	36	35	32	28	24	19
A8RC/3 6 - 10			64	57	54	52	48	42	36	28
A8RC/4 6 - 12,5			85	76	73	69	64	56	48	38
A8RC/5 6 - 15			106	95	91	86	80	70	60	47
A8RC/6 6 - 17,5			128	114	109	103	95	85	71	57
A8RC/7 6 - 20			149	133	127	121	112	99	83	66
A8RC/8 6 - 25			170	152	146	138	128	113	95	75
A8RC/9 6 - 30			192	171	164	156	144	127	107	85
A8RC/10 6 - 30			213	190	182	173	160	141	119	94
A8RC/11-1 6 - 35			234	208	200	190	175	155	131	103
A8RC/12-1 6 - 35			255	228	218	208	191	169	143	113
A8RC/13-1 6 - 40			277	246	236	225	207	183	155	122
A8RC/14-1 6 - 40			298	265	254	242	223	197	166	131
A8RC/15-1 8 - 50			8"	Total manometric head in metres	319	285	274	260	240	213
A8RC/16-1 8 - 50	341	303			291	276	256	226	190	150
A8RC/17-1 8 - 50	362	322			309	294	271	240	202	160
A8RC/18-1 8 - 60	383	341			327	311	287	253	214	169
A8RC/19-2 8 - 60	404	360			345	328	303	267	226	178
A8RC/20-2 8 - 60	424	380			365	347	320	283	239	189
A8RC/21-2 8 - 60	447	398			381	363	335	295	249	197
A8RC/22-2 8 - 70	468	417			400	380	351	310	261	207
A8RC/23-2 8 - 70	489	436			418	397	366	324	273	216
A8RC/24-2 8 - 70	510	455			436	414	382	338	285	225
A8RC/25-2 8 - 75	532	474			454	432	398	352	297	235
A8RC/26-3 8 - 75	552	494			473	450	415	367	310	245
A8RC/27-3 8 - 80	575	513			492	467	431	381	322	254



PUMP TYPE	MOTOR POWER		DIMENSIONS						WEIGHT IN KG		
	KW	HP	A	B	L	Ø		D GAS	PUMP	MOTOR	TOTAL
						Pump	Motor				
A8RC/2	5,5	7,5	1374	675	699	191	143	3"	62,5	48	110,5
A8RC/3	7,5	10	1459	740	719	191	143	3"	69	50	119
A8RC/4	9,3	12,5	1554	805	749	191	143	3"	75,5	53	128,5
A8RC/5	11	15	1649	870	779	191	143	3"	82	56	138
A8RC/6	13	17,5	1764	935	829	191	143	3"	88,5	61	149,5
A8RC/7	15	20	1874	1000	874	191	143	3"	95	66	161
A8RC/8	18,5	25	1984	1065	919	191	143	3"	101,5	70	171,5
A8RC/9	22	30	2139	1130	1009	191	143	3"	108	79	187
A8RC/10	22	30	2204	1195	1009	191	143	3"	114,5	79	193,5
A8RC/11-1	26	35	2468	1354	1114	191	143	3"	129	90	219
A8RC/12-1	26	35	2533	1419	1114	191	143	3"	135,5	90	225,5
A8RC/13-1	30	40	2698	1484	1214	191	143	3"	142	100	242
A8RC/14-1	30	40	2763	1549	1214	191	143	3"	148,5	100	248,5
A8RC/15-1	37	50	2754	1614	1140	194	189	3"	155	140	295
A8RC/16-1	37	50	2819	1679	1140	194	189	3"	161,5	140	301,5
A8RC/17-1	37	50	2884	1744	1140	194	189	3"	168	140	308
A8RC/18-1	45	60	3039	1809	1230	194	189	3"	174,5	156	330,5
A8RC/19-2	45	60	3198	1968	1230	194	189	3"	189	156	345
A8RC/20-2	45	60	3263	2033	1230	194	189	3"	195,5	156	351,5
A8RC/21-2	45	60	3328	2098	1230	194	189	3"	202	156	358
A8RC/22-2	52	70	3503	2163	1340	194	189	3"	208,5	179	387,5
A8RC/23-2	52	70	3568	2228	1340	194	189	3"	215	179	394
A8RC/24-2	52	70	3633	2293	1340	194	189	3"	221,5	179	400,5
A8RC/25-2	55	75	3698	2358	1340	194	189	3"	228	179	407
A8RC/26-3	55	75	3857	2517	1340	194	189	3"	242,5	179	421,5
A8RC/27-3	60	80	4052	2582	1470	194	189	3"	249	198	447

Manufactured for

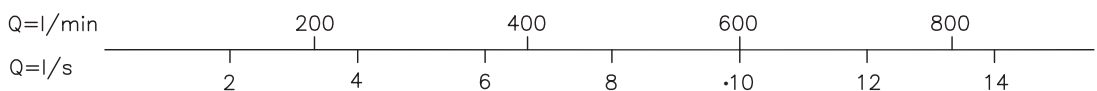
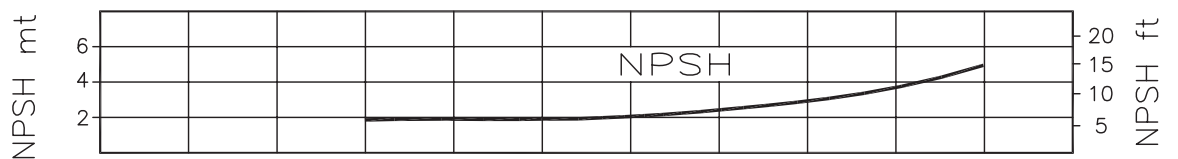
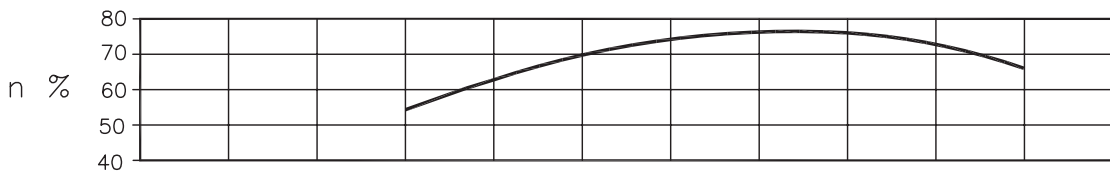
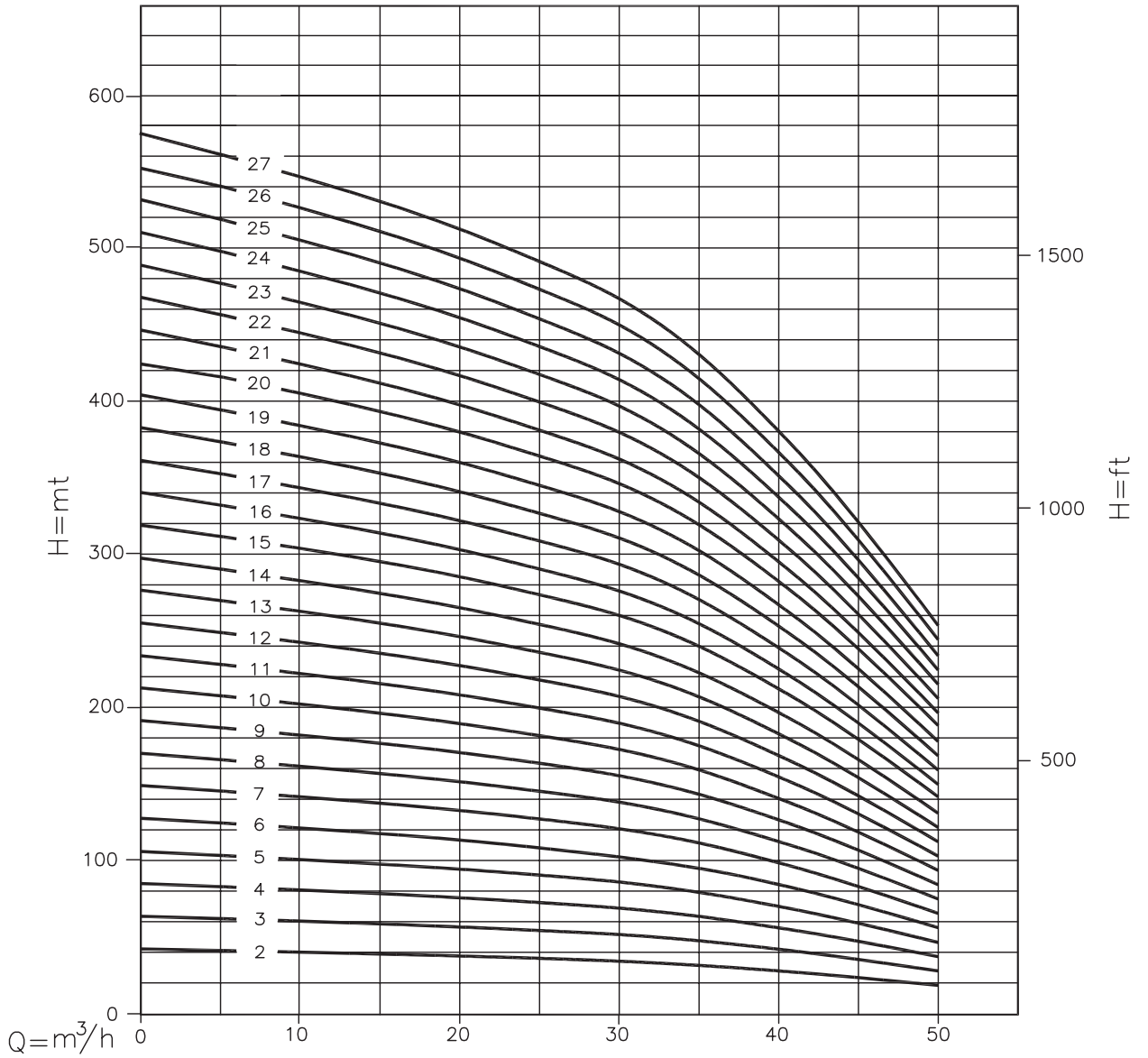
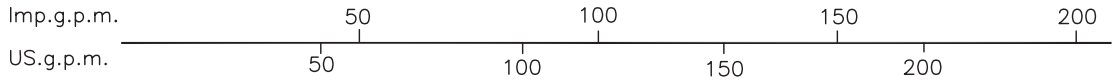


by **ANAVALOS PUMPS**

Performances range at 2900 r.p.m

A8RC

50Hz



CURVE No 2.5.10.041.1

Manufactured for



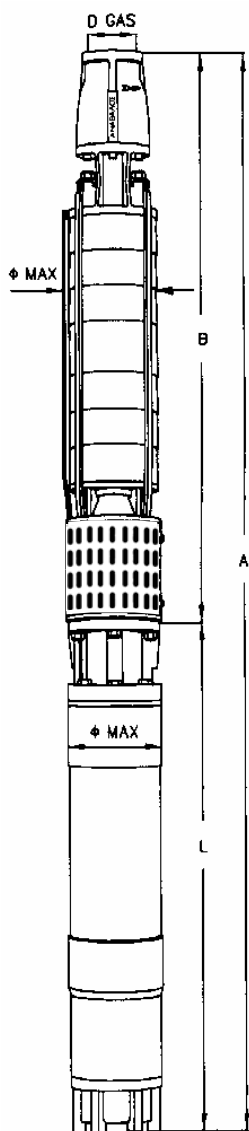
Archimedes Pump

by ANAVALOS PUMPS

Performances range at 2900 r.p.m

A8RNC 50Hz

PUMP-MOTOR	CAPACITY									
	m3/h	0	20	25	30	35	40	45	50	
	l/min	0	333	417	500	583	666	750	833	
	l/s	0	5,6	6,9	8,3	9,7	11,1	12,5	13,9	
A8RNC/2 6 - 7,5	6"	H = m	46	40	38	36	34	31	27	23
A8RNC/3 6 - 10			67	58	56	53	49	45	39	29
A8RNC/4 6 - 12,5			88	80	76	72	66	59	51	39
A8RNC/5 6 - 15			110	99	95	89	84	76	65	49
A8RNC/6 6 - 20			131	117	112	105	98	88	77	60
A8RNC/7 6 - 25			153	137	132	125	117	105	91	71
A8RNC/8 6 - 25			175	157	151	143	133	119	102	79
A8RNC/9 6 - 30			195	176	168	160	149	133	114	89
A8RNC/10 6 - 30			216	195	188	177	166	150	128	99
A8RNC/11-1 6 - 35			238	216	208	197	184	163	139	109
A8RNC/12-1 6 - 4	8"	Total manometric head in metres	260	236	226	214	198	177	152	117
A8RNC/13-1 6 - 4			285	255	244	231	216	193	164	128
A8RNC/14-1 8 - 5			305	274	262	247	231	206	177	138
A8RNC/15-1 8 - 50			327	292	279	265	248	222	189	150
A8RNC/16-1 8 - 5			349	314	300	284	265	237	202	159
A8RNC/17-1 8 - 6			370	332	318	301	281	251	214	168
A8RNC/18-1 8 - 6			393	354	338	319	297	266	227	177
A8RNC/19-2 8 - 60			414	371	355	336	313	279	238	186
A8RNC/20-2 8 - 70			435	390	373	353	330	294	252	196
A8RNC/21-2 8 - 70			458	408	392	372	347	312	267	207
A8RNC/22-2 8 - 7	480	428	410	391	366	328	278	218		
A8RNC/23-2 8 - 75	503	448	430	408	380	340	290	226		
A8RNC/24-2 8 - 75	528	469	448	425	395	353	302	235		



PUMP TYPE	MOTOR POWER		DIMENSIONS						WEIGHT IN KG		
	KW	HP	A	B	L	Ø		D GAS	PUMP	MOTOR	TOTAL
						Pump	Max Motor				
A8RNC/2	5,5	7,5	1374	675	699	191	143	3"	60,5	48	108,5
A8RNC/3	7,5	10	1459	740	719	191	143	3"	66	50	116
A8RNC/4	9,3	12,5	1554	805	749	191	143	3"	71,5	53	124,5
A8RNC/5	11,0	15	1649	870	779	191	143	3"	77	56	133
A8RNC/6	15	20	1809	935	874	191	143	3"	82,5	66	148,5
A8RNC/7	18,5	25	1919	1000	919	191	143	3"	88	70	158
A8RNC/8	18,5	25	1984	1065	919	191	143	3"	93,5	70	163,5
A8RNC/9	22	30	2139	1130	1009	191	143	3"	99	79	178
A8RNC/10	22	30	2204	1195	1009	191	143	3"	104,5	79	183,5
A8RNC/11-1	26	35	2468	1354	1114	191	143	3"	116,5	90	206,5
A8RNC/12-1	30	40	2633	1419	1214	191	143	3"	122	100	222
A8RNC/13-1	30	40	2698	1484	1214	191	143	3"	127,5	100	227,5
A8RNC/14-1	37	50	2689	1549	1140	194	189	3"	133	140	273
A8RNC/15-1	37	50	2754	1614	1140	194	189	3"	138,5	140	278,5
A8RNC/16-1	37	50	2819	1679	1140	194	189	3"	144	140	284
A8RNC/17-1	45	60	2974	1744	1230	194	189	3"	149,5	156	305,5
A8RNC/18-1	45	60	3039	1809	1230	194	189	3"	155	156	311
A8RNC/19-2	45	60	3198	1968	1230	194	189	3"	167	156	323
A8RNC/20-2	52	70	3373	2033	1340	194	189	3"	172,5	179	351,5
A8RNC/21-2	52	70	3438	2098	1340	194	189	3"	178	179	357
A8RNC/22-2	52	70	3503	2163	1340	194	189	3"	183,5	179	362,5
A8RNC/23-2	55	75	3568	2228	1340	194	189	3"	189	179	368
A8RNC/24-2	55	75	3633	2293	1340	194	189	3"	194,5	179	373,5

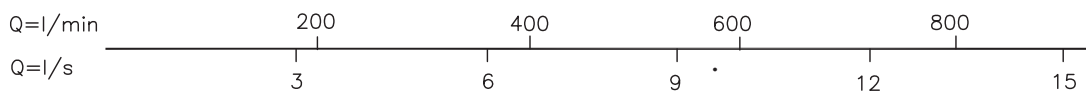
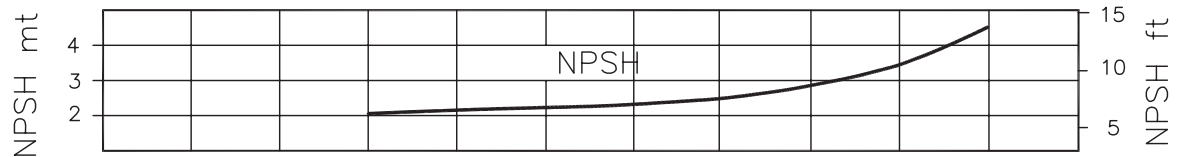
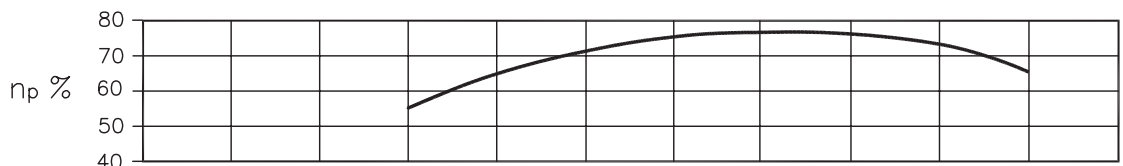
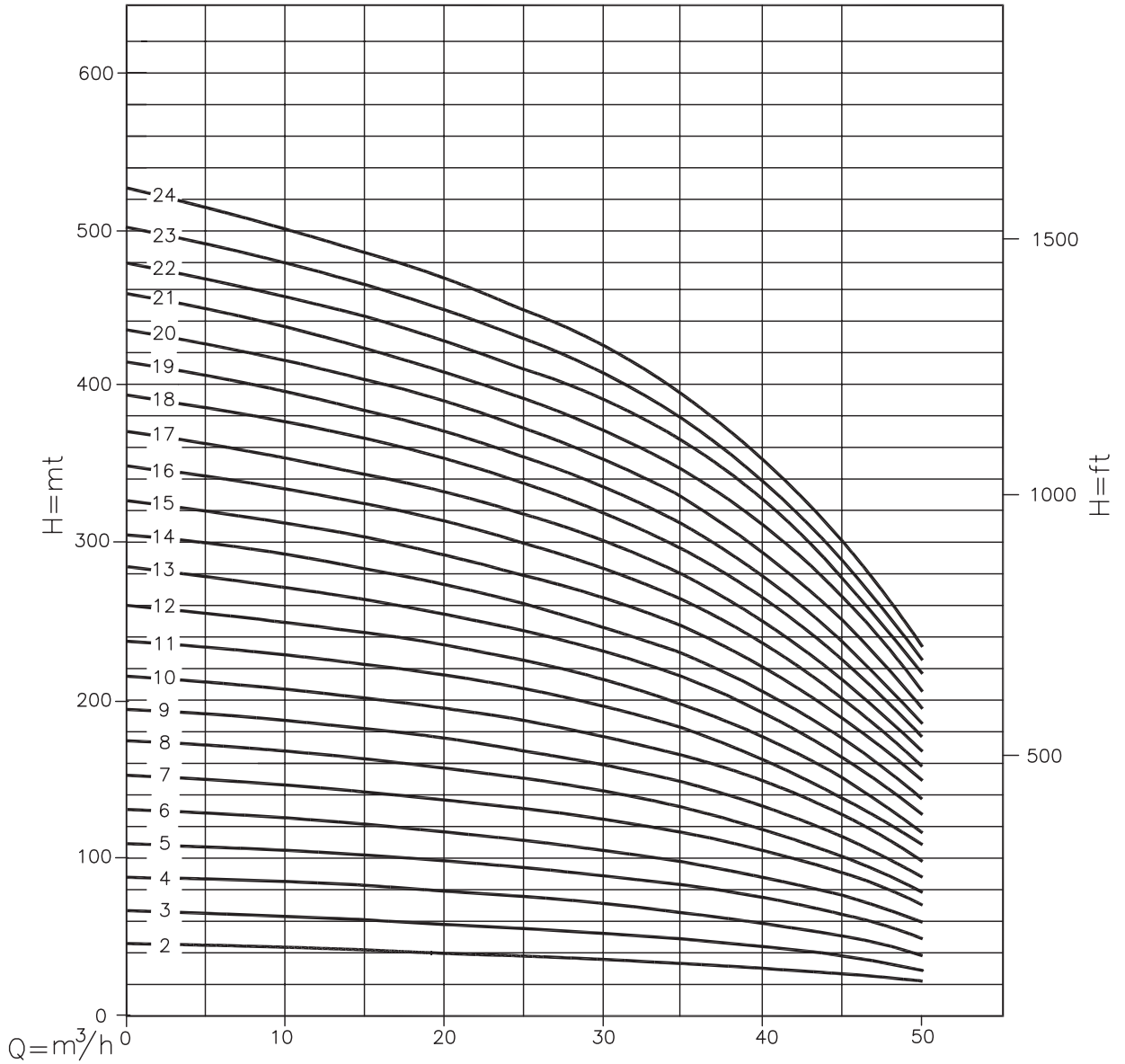
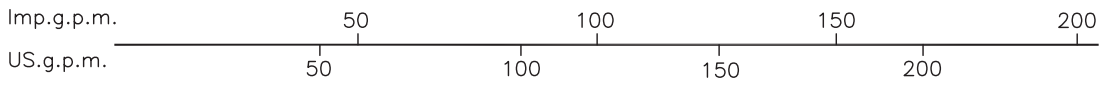
Manufactured for



by **ANAVALOS PUMPS**

Performances range at 2900 r.p.m

A8RNC 50Hz



CURVE No 2.5.10.042.1

Manufactured for



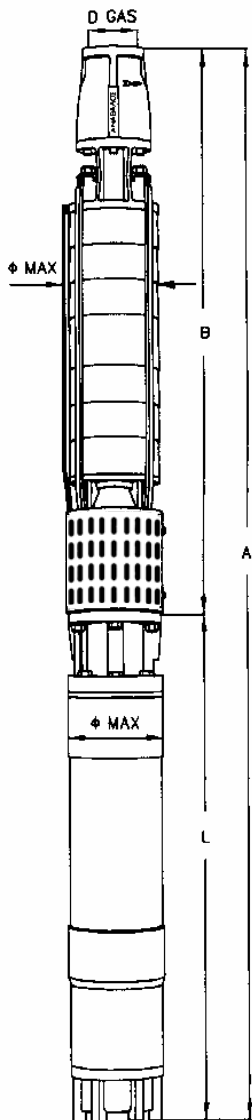
Archimedes Pump

by ANAVALOS PUMPS

Performances range at 2900 r.p.m

A8RD 50Hz

PUMP-MOTOR	CAPACITY									
	m3/h	0	20	30	40	50	60	70	80	
	l/min	0	333	500	666	833	1000	1166	1333	
	l/s	0	5,6	8,3	11,1	13,9	16,7	19,4	22,2	
A8RD/2 6 - 10	6"	H = m	48	44	42	40	36	29	21	13
A8RD/3 6 - 15			73	67	63	60	53	43	31	19
A8RD/4 6 - 20			96	88	84	79	71	58	41	25
A8RD/5 6 - 25			120	110	105	99	88	72	51	31
A8RD/6 6 - 30			144	132	126	119	106	86	61	37
A8RD/7 6 - 35			168	154	147	139	123	100	71	42
A8RD/8 6 - 40			192	176	168	158	141	114	81	49
A8RD/9 8 - 40			8"	Total manometric head in metres	216	198	188	178	158	128
A8RD/10-1 8 - 50	240	220			209	197	176	143	101	60
A8RD/11-1 8 - 50	264	242			231	217	194	158	112	67
A8RD/12-1 8 - 60	288	264			252	237	211	172	122	73
A8RD/13-1 8 - 60	312	287			273	257	229	186	132	79
A8RD/14-1 8 - 70	336	308			293	276	246	200	142	85
A8RD/15-1 8 - 70	360	330			314	296	264	214	152	91
A8RD/16-1 8 - 75	384	353			335	316	281	229	162	97
A8RD/17-1 8 - 75	408	374			356	335	299	242	172	103
A8RD/18-1 8 - 80	432	397			377	355	317	257	182	109
A8RD/19-2 8 - 90	456	419			398	375	334	272	193	115
A8RD/20-2 8 - 90	480	439			419	394	350	284	202	121
A8RD/21-2 8 - 100	503	462			439	414	368	299	212	126
A8RD/22-2 8 - 100	528	484			460	433	386	314	222	133



PUMP TYPE	MOTOR POWER		DIMENSIONS						WEIGHT IN KG		
	KW	HP	A	B	L	Ø		D GAS	PUMP	MOTOR	TOTAL
						Pump	Max Motor				
A8RD/2	7,5	10	1394	675	719	191	143	3"	62,5	50	112,5
A8RD/3	11	15	1519	740	779	191	143	3"	69	56	125
A8RD/4	15	20	1679	805	874	191	143	3"	75,5	66	141,5
A8RD/5	18,5	25	1789	870	919	191	143	3"	82	70	152
A8RD/6	22	30	1944	935	1009	191	143	3"	88,5	79	167,5
A8RD/7	26	35	2114	1000	1114	191	143	3"	95	90	185
A8RD/8	30	40	2279	1065	1214	191	143	3"	101,5	100	201,5
A8RD/9	30	40	2270	1130	1140	194	189	3"	108	140	248
A8RD/10-1	37	50	2429	1289	1140	194	189	3"	122,5	140	262,5
A8RD/11-1	37	50	2494	1354	1140	194	189	3"	129	140	269
A8RD/12-1	45	60	2649	1419	1230	194	189	3"	135,5	156	291,5
A8RD/13-1	45	60	2714	1484	1230	194	189	3"	142	156	298
A8RD/14-1	52	70	2889	1549	1340	194	189	3"	148,5	179	327,5
A8RD/15-1	52	70	2954	1614	1340	194	189	3"	155	179	334
A8RD/16-1	55	75	3019	1679	1340	194	189	3"	161,5	179	340,5
A8RD/17-1	55	75	3084	1744	1340	194	189	3"	168	179	347
A8RD/18-1	60	80	3279	1809	1470	194	189	3"	174,5	198	372,5
A8RD/19-2	67	90	3438	1968	1470	194	189	3"	189	198	387
A8RD/20-2	67	90	3503	2033	1470	194	189	3"	195,5	198	393,5
A8RD/21-2	75	100	3658	2098	1560	194	189	3"	202	215	417
A8RD/22-2	75	100	3723	2163	1560	194	189	3"	208,5	215	423,5

Manufactured for

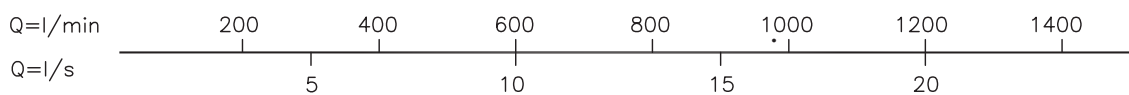
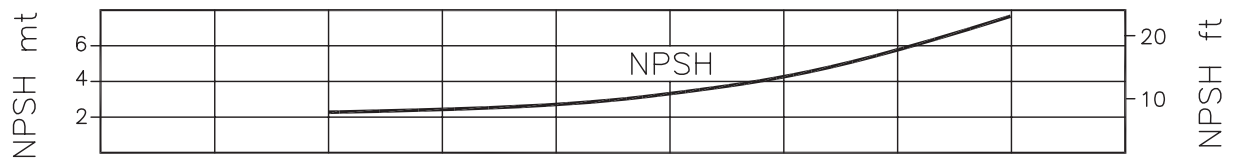
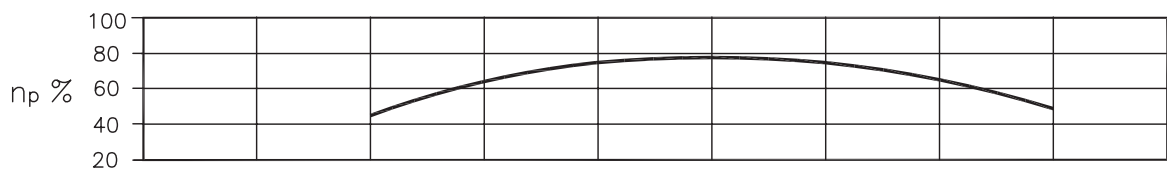
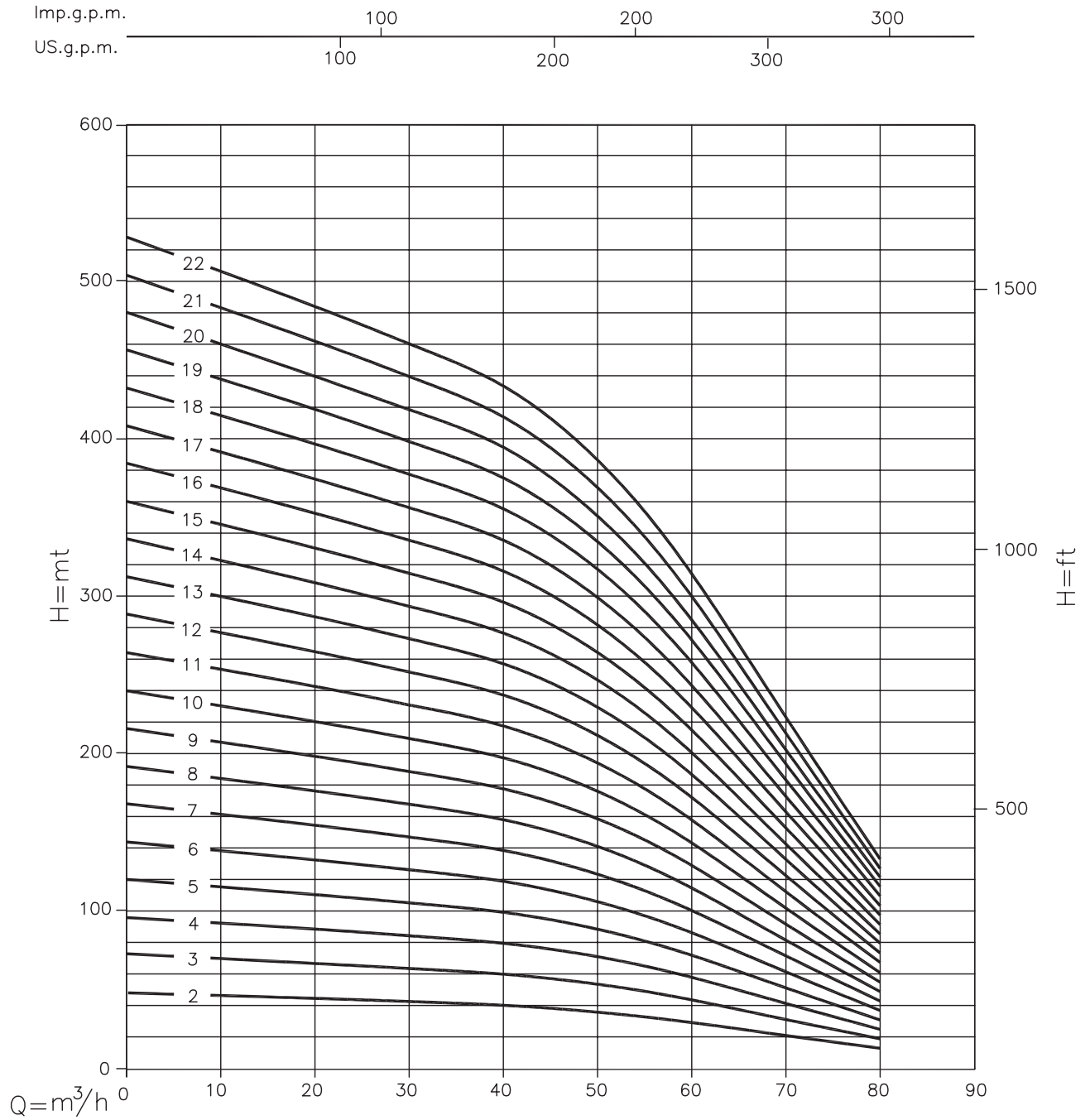


by **ANAVALOS PUMPS**

Performances range at 2900 r.p.m

A8RD

50Hz



Manufactured for



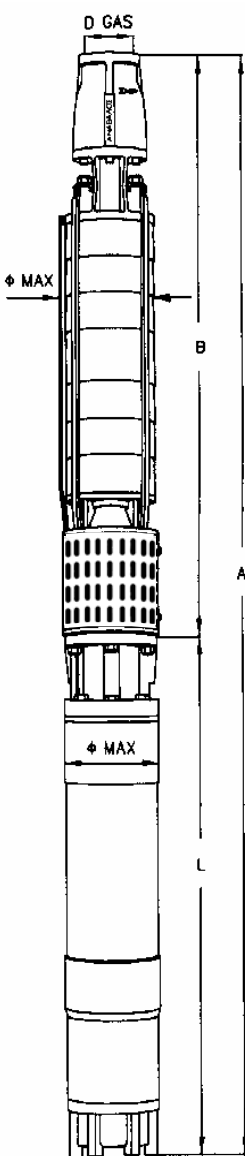
Archimedes Pump

by ANAVALOS PUMPS

Performances range at 2900 r.p.m

A8RND 50Hz

PUMP-MOTOR	CAPACITY											
	m3/h	0	20	30	40	50	60	70	80			
	l/min	0	333	500	667	833	1000	1167	1333			
	l/s	0	5,6	8,3	11,1	13,9	16,7	19,4	22,2			
A8RND/2 6 - 10	6"	H = m	48	44	42	40	36	29	21	13		
A8RND/3 6 - 15			73	67	63	60	53	43	31	19		
A8RND/4 6 - 20			96	88	84	79	71	58	41	25		
A8RND/5 6 - 25			120	110	105	99	88	72	51	31		
A8RND/6 6 - 30			144	132	126	119	106	86	61	37		
A8RND/7 6 - 35			168	154	147	139	123	100	71	42		
A8RND/8 6 - 40			192	176	168	158	141	114	81	49		
A8RND/9 8 - 40			8"	Total manometric head in metres	216	198	188	178	158	128	91	55
A8RND/10-18 - 50					240	220	209	197	176	143	101	60
A8RND/11-18 - 50	264	242			231	217	194	158	112	67		
A8RND/12-18 - 60	288	264			252	237	211	172	122	73		
A8RND/13-18 - 60	312	287			273	257	229	186	132	79		
A8RND/14-18 - 70	336	308			293	276	246	200	142	85		
A8RND/15-18 - 70	360	330			314	296	264	214	152	91		
A8RND/16-18 - 75	384	353			335	316	281	229	162	97		
A8RND/17-18 - 75	408	374			356	335	299	242	172	103		
A8RND/18-18 - 80	432	397			377	355	317	257	182	109		
A8RND/19-28 - 90	456	419			398	375	334	272	193	115		
A8RND/20-28 - 90	480	439			419	394	350	284	202	121		
A8RND/21-28 - 100	503	462			439	414	368	299	212	126		
A8RND/22-28 - 100	528	484			460	433	386	314	222	133		



PUMP TYPE	MOTOR POWER		DIMENSIONS						WEIGHT IN KG			
	KW	HP	A	B	L	Ø		D GAS	PUMP	MOTOR	TOTAL	
						Pump	Max Motor					
A8RND/2	6"	7,5	10	1394	675	719	191	143	3"	60,5	50	110,5
A8RND/3		11	15	1519	740	779	191	143	3"	66	56	122
A8RND/4		15	20	1679	805	874	191	143	3"	71,5	66	137,5
A8RND/5		18,5	25	1789	870	919	191	143	3"	77	70	147
A8RND/6		22	30	1944	935	1009	191	143	3"	82,5	79	161,5
A8RND/7		26	35	2114	1000	1114	191	143	3"	88	90	178
A8RND/8		30	40	2279	1065	1214	191	143	3"	93,5	100	193,5
A8RND/9		30	40	2270	1130	1140	194	189	3"	99	140	239
A8RND/10-1		37	50	2429	1289	1140	194	189	3"	111	140	251
A8RND/11-1	37	50	2494	1354	1140	194	189	3"	116,5	140	256,5	
A8RND/12-1	8"	45	60	2649	1419	1230	194	189	3"	122	156	278
A8RND/13-1		45	60	2714	1484	1230	194	189	3"	127,5	156	283,5
A8RND/14-1		52	70	2889	1549	1340	194	189	3"	133	179	312
A8RND/15-1		52	70	2954	1614	1340	194	189	3"	138,5	179	317,5
A8RND/16-1		55	75	3019	1679	1340	194	189	3"	144	179	323
A8RND/17-1		55	75	3084	1744	1340	194	189	3"	149,5	179	328,5
A8RND/18-1		60	80	3279	1809	1470	194	189	3"	155	198	353
A8RND/19-2		67	90	3438	1968	1470	194	189	3"	167	198	365
A8RND/20-2		67	90	3503	2033	1470	194	189	3"	172,5	198	370,5
A8RND/21-2		75	100	3658	2098	1560	194	189	3"	178	215	393
A8RND/22-2	75	100	3723	2163	1560	194	189	3"	183,5	215	398,5	

Manufactured for

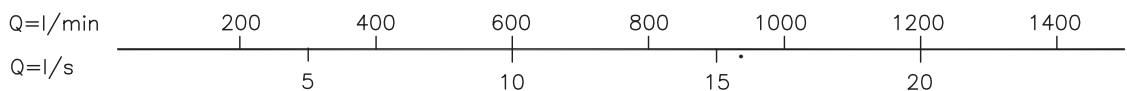
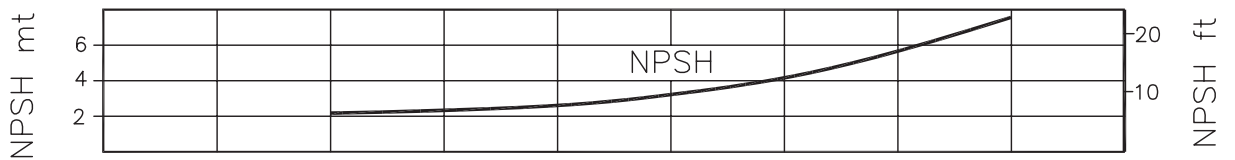
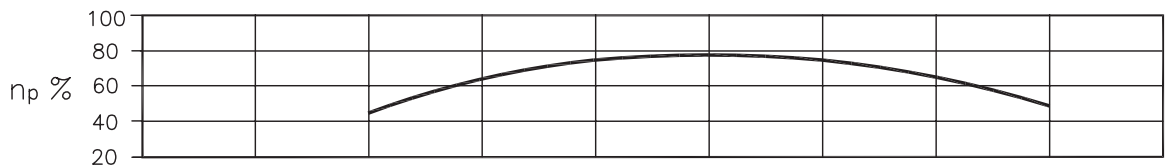
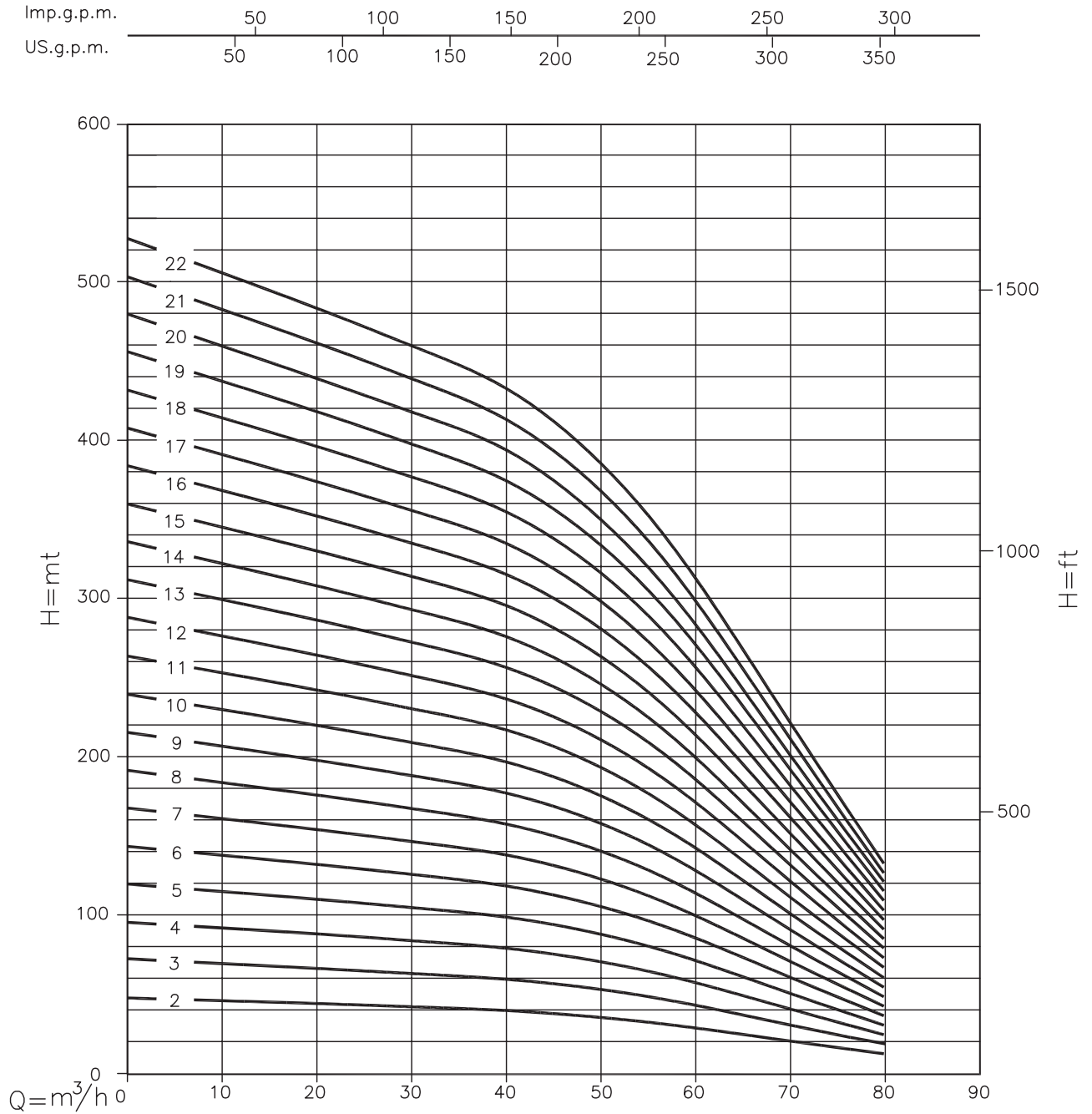


by **ANAVALOS PUMPS**

Performances range at 2900 r.p.m

A8RD

50Hz



Manufactured for



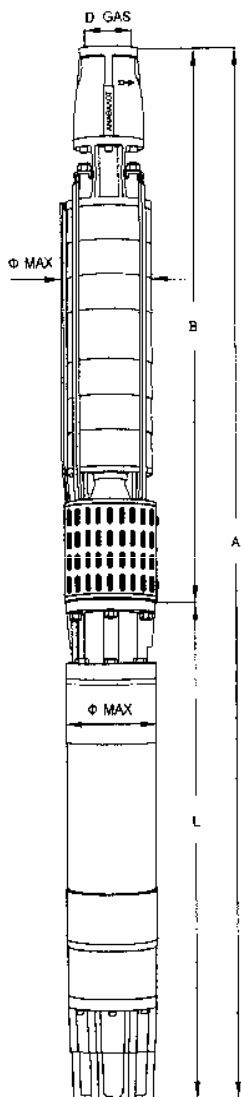
Archimedes
Pump

 by  **ANAVALOS**
PUMPS

Performances range at 2900 r.p.m

A8RE 50Hz

PUMP-MOTOR		CAPACITY									
		Q ³ /h	0	30	40	50	55	60	70	80	
		l/min	0	500	666	833	916	1000	1166	1333	
		l/s	0	8,3	11,1	13,9	15,3	16,7	19,4	22,2	
A8RE/2	6 - 10	6"	H = m	50	43	40	37	34	31	24	15
A8RE/3	6 - 15			74	65	61	55	51	47	37	22
A8RE/4	6 - 20			99	86	81	73	69	62	49	30
A8RE/5	6 - 25			124	108	101	92	86	78	61	37
A8RE/6	6 - 30			149	129	121	110	103	94	73	45
A8RE/7	6 - 35			173	151	142	128	120	109	86	52
A8RE/8	6 - 40			198	173	162	147	137	125	98	60
A8RE/10-1	8 - 50			8"	Total Manometric hea in metres	248	216	202	183	171	156
A8RE/12-1	8 - 60	297	259			243	220	206	187	147	90
A8RE/14-1	8 - 70	347	302			283	257	240	219	171	105
A8RE/15-1	8 - 75	371	324			304	275	257	234	184	112
A8RE/16-1	8 - 80	396	345			324	293	274	250	196	120
A8RE/17-1	8 - 80	421	367			344	312	291	266	208	127
A8RE/18-1	8 - 90	446	388			364	330	309	281	220	135
A8RE/19-2	8 - 90	470	410			385	348	326	297	233	142
A8RE/20-2	8 - 100	495	431			405	367	343	312	245	150
A8RE/21-2	8 - 100	520	453			425	385	360	328	257	157



PUMP TYPE	MOTOR POWER		DIMENSIONS						WEIGHT IN KG			
	kW	HP	A	B	L	Φ		D GAS	ΑΝΤΛΙΑ PUMP	ΜΟΤΕΡ MOTOR	ΟΛΙΚΟ TOTAL	
						Pump	Max Motor					
A8RE/2	6"	7,5	10	1394	675	719	191	143	3"	62,5	50	112,5
A8RE/3		11	15	1519	740	779	191	143	3"	69	56	125
A8RE/4		15,0	20	1679	805	874	191	143	3"	75,5	66	141,5
A8RE/5		18,5	25	1789	870	919	191	143	3"	82	70	152
A8RE/6		22	30	1944	935	1009	191	143	3"	88,5	79	167,5
A8RE/7		26	35	2114	1000	1114	191	143	3"	95	90	185
A8RE/8		30	40	2279	1065	1214	191	143	3"	101,5	100	201,5
A8RE/10-1		8"	37	50	2429	1289	1140	194	189	3"	122,5	140
A8RE/12-1	45		60	2649	1419	1230	194	189	3"	135,5	156	291,5
A8RE/14-1	52		70	2889	1549	1340	194	189	3"	148,5	179	327,5
A8RE/15-1	55		75	2954	1614	1340	194	189	3"	155	179	334
A8RE/16-1	60		80	3149	1679	1470	194	189	3"	161,5	198	359,5
A8RE/17-1	60		80	3214	1744	1470	194	189	3"	168	198	366
A8RE/18-1	67		90	3279	1809	1470	194	189	3"	174,5	198	372,5
A8RE/19-2	67		90	3438	1968	1470	194	189	3"	189	198	387
A8RE/20-2	75		100	3593	2033	1560	194	189	3"	195,5	215	410,5
A8RE/21-2	75		100	3658	2098	1560	194	189	3"	202	215	417

Manufactured for

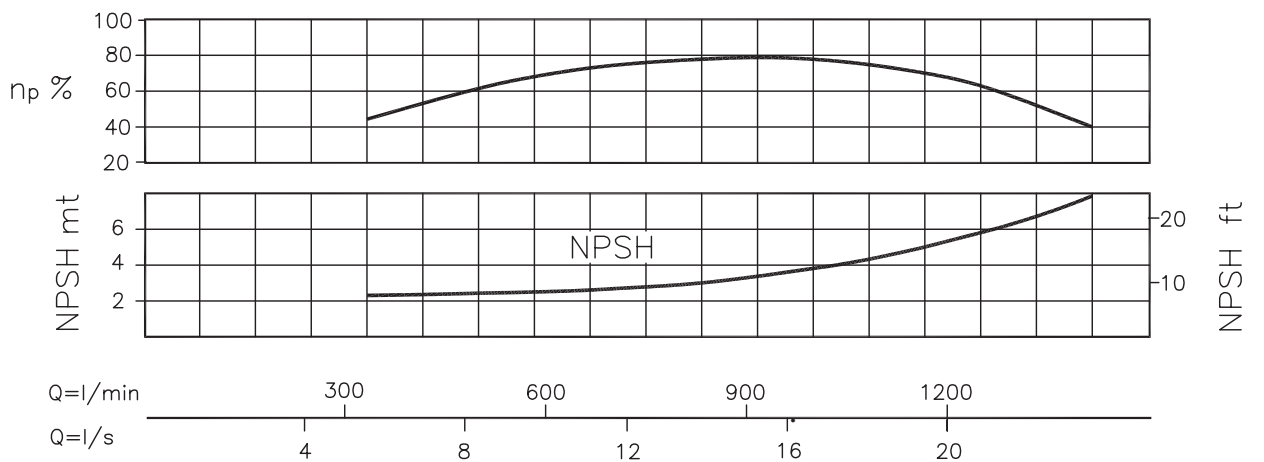
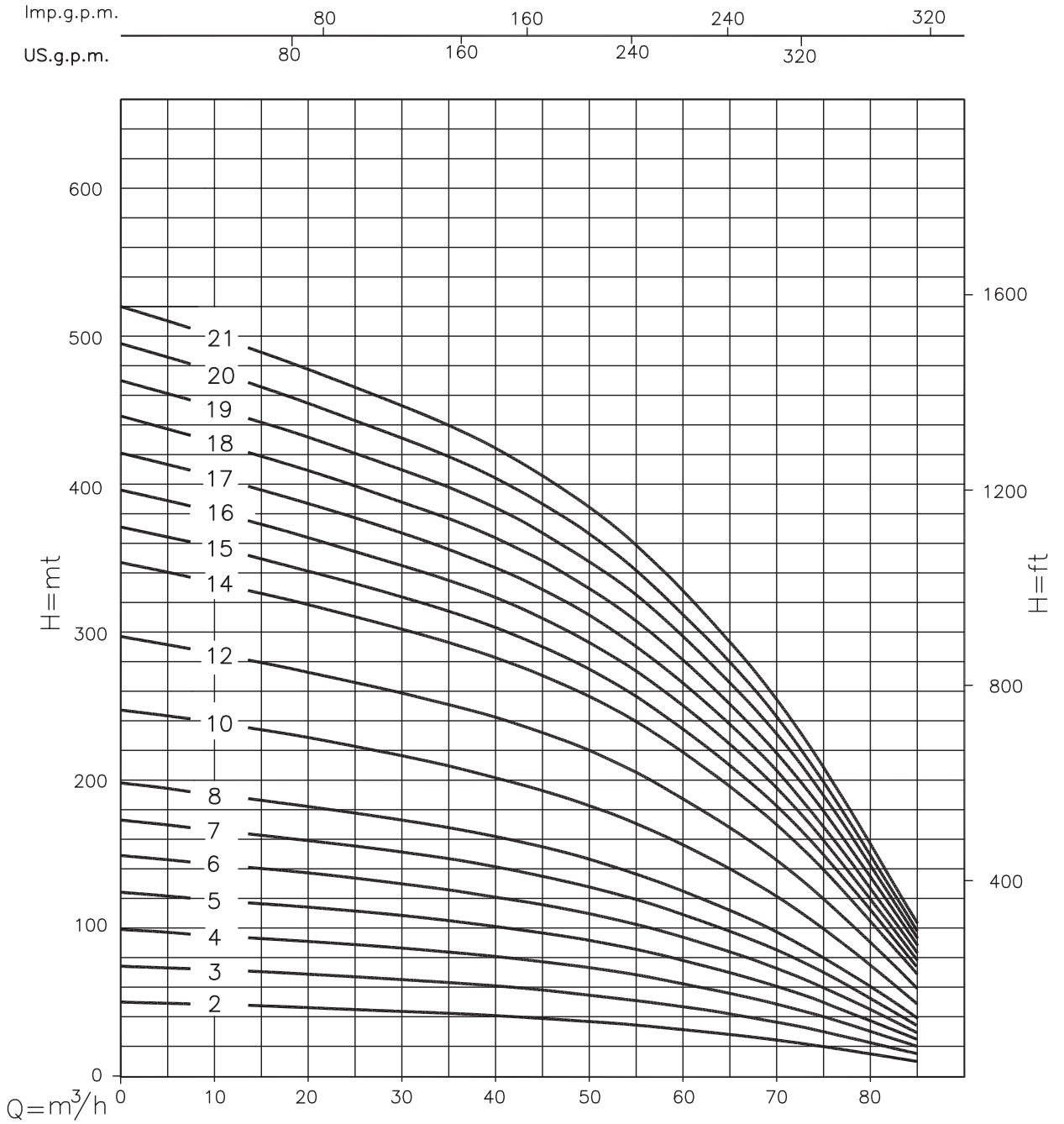


by **ANAVALOS PUMPS**

Performances range at 2900 r.p.m

A8RE

50Hz



CURVE No 2.5.10.045.1

Manufactured for



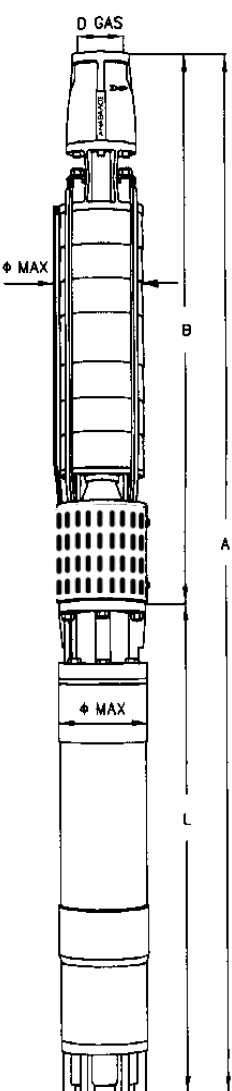
Archimedes Pump

by ANAVALOS PUMPS

Performances range at 2900 r.p.m

A8RNE 50Hz

PUMP-MOTOR	CAPACITY									
	Q ³ /h	0	30	40	50	55	60	70	80	
	l/min	0	500	666	833	916	1000	1166	1333	
	l/s	0	8,3	11,1	13,9	15,3	16,7	19,4	22,2	
A8RNE/2 6 - 10	6"	H = m	50	43	40	37	34	31	24	15
A8RNE/3 6 - 15			74	65	61	55	51	47	37	22
A8RNE/4 6 - 20			99	86	81	73	69	62	49	30
A8RNE/5 6 - 25			124	108	101	92	86	78	61	37
A8RNE/6 6 - 30			149	129	121	110	103	94	73	45
A8RNE/7 6 - 35			173	151	142	128	120	109	86	52
A8RNE/8 6 - 40			198	173	162	147	137	125	98	60
A8RNE/10-1 8 - 50			8"	Total Manometric head in metres	248	216	202	183	171	156
A8RNE/12-1 8 - 60	297	259			243	220	206	187	147	90
A8RNE/14-1 8 - 70	347	302			283	257	240	219	171	105
A8RNE/15-1 8 - 75	371	324			304	275	257	234	184	112
A8RNE/16-1 8 - 80	396	345			324	293	274	250	196	120
A8RNE/17-1 8 - 80	421	367			344	312	291	266	208	127
A8RNE/18-1 8 - 90	446	388			364	330	309	281	220	135
A8RNE/19-2 8 - 90	470	410			385	348	326	297	233	142
A8RNE/20-2 8 - 100	495	431			405	367	343	312	245	150
A8RNE/21-2 8 - 100	520	453			425	385	360	328	257	157



PUMP TYPE	MOTOR POWER		DIMENSIONS						WEIGHT IN KG		
	kW	HP	A	B	L	φ Pump	Max Motor	D GAS	ANTAIA PUMP	MOTEP MOTOR	OAIKO TOTAL
A8RNE/2	7,5	10	1394	675	719	191	143	3"	60,5	50	110,5
A8RNE/3	11	15	1519	740	779	191	143	3"	66	56	122
A8RNE/4	15	20	1679	805	874	191	143	3"	71,5	66	137,5
A8RNE/5	18,5	25	1789	870	919	191	143	3"	77	70	147
A8RNE/6	22	30	1944	935	1009	191	143	3"	82,5	79	161,5
A8RNE/7	26	35	2114	1000	1114	191	143	3"	88	90	178
A8RNE/8	30	40	2279	1065	1214	191	143	3"	93,5	100	193,5
A8RNE/10-1	37	50	2429	1289	1140	194	189	3"	111	140	251
A8RNE/12-1	45	60	2649	1419	1230	194	189	3"	122	156	278
A8RNE/14-1	52	70	2889	1549	1340	194	189	3"	133	179	312
A8RNE/15-1	55	75	2954	1614	1340	194	189	3"	138,5	179	317,5
A8RNE/16-1	60	80	3149	1679	1470	194	189	3"	144	198	342
A8RNE/17-1	60	80	3214	1744	1470	194	189	3"	149,5	198	347,5
A8RNE/18-1	67	90	3279	1809	1470	194	189	3"	155	198	353
A8RNE/19-2	67	90	3438	1968	1470	194	189	3"	167	198	365
A8RNE/20-2	75	100	3593	2033	1560	194	189	3"	172,5	215	387,5
A8RNE/21-2	75	100	3658	2098	1560	194	189	3"	178	215	393

Manufactured for

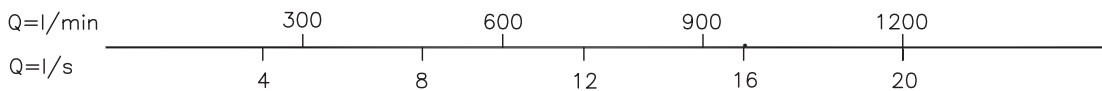
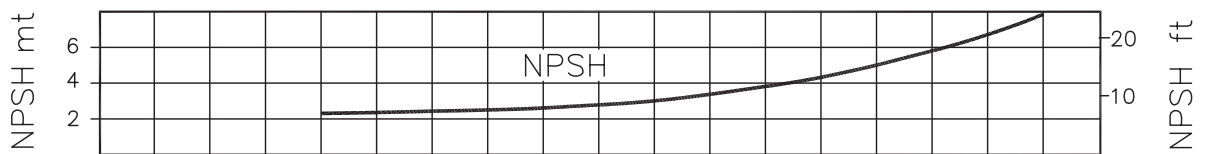
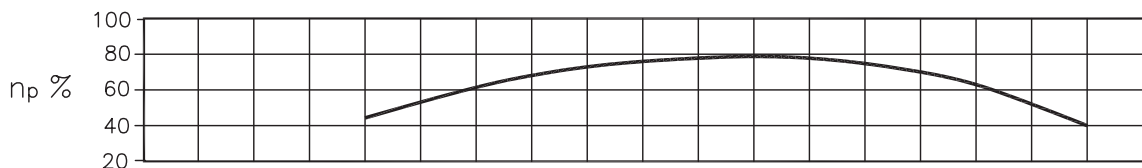
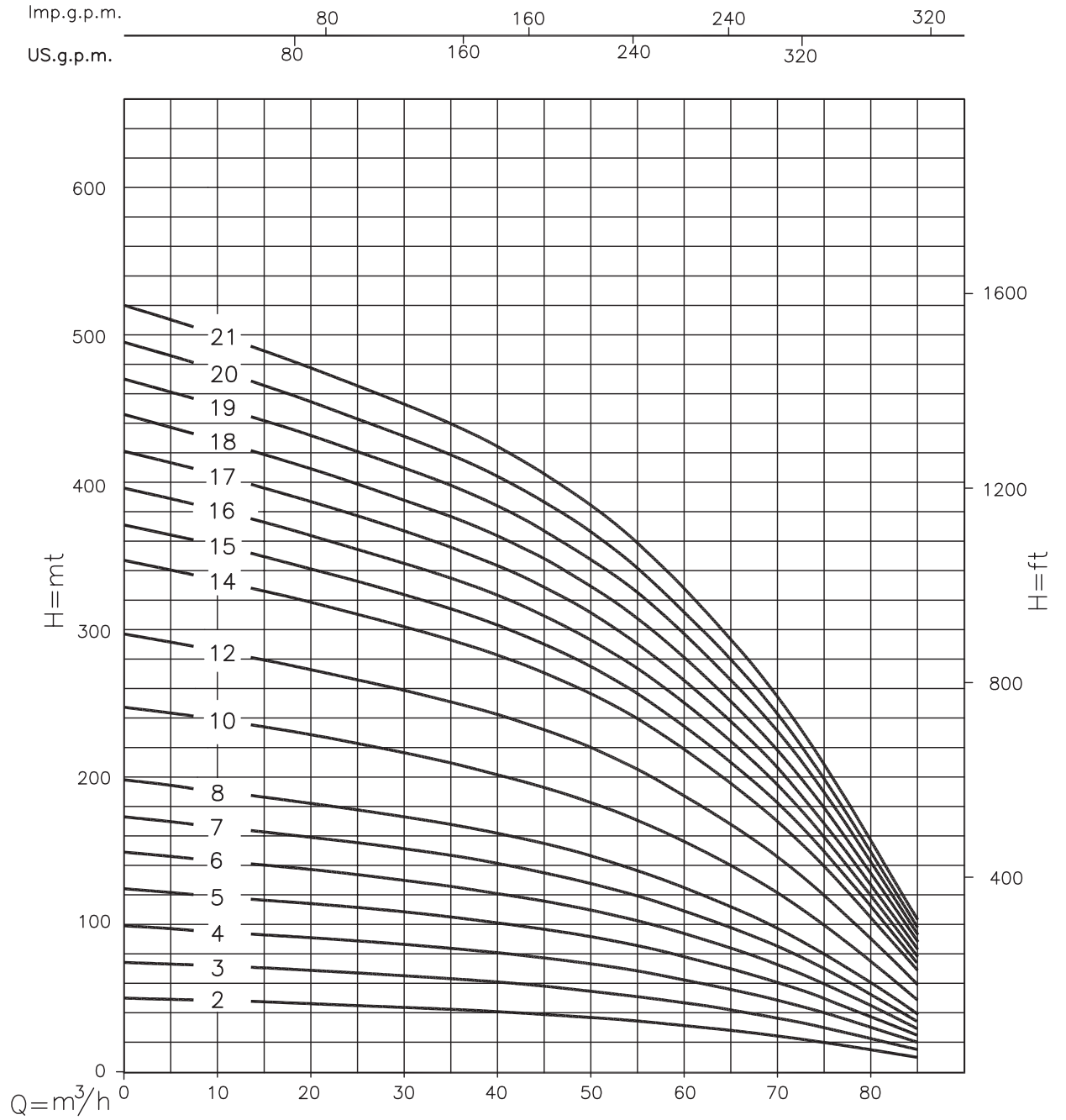


by **ANAVALOS PUMPS**

Performances range at 2900 r.p.m

A8RNE

50Hz



Manufactured for



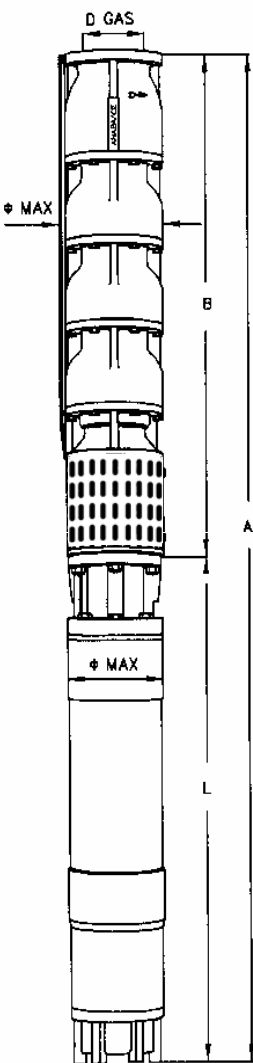
Archimedes
Pump

 by  **ANAVALOS**
PUMPS

Performances range at 2900 r.p.m

A8MAC 50Hz

PUMP-MOTOR	CAPACITY									
	m3/h	0	10	20	25	30	35	40	45	
	l/min	0	167	333	417	500	583	666	750	
	l/s	0	2,8	5,6	6,9	8,3	9,7	11,1	12,5	
A8MAC/1 6 - 5,5	6"	H = m	30	29	28	27	26	25	22	
A8MAC/2 6 - 10			60	59	58	56	54	51	45	37
A8MAC/3 6 - 15			90	88	85	82	79	74	65	54
A8MAC/4 6 - 20			119	116	112	109	105	98	86	70
A8MAC/5 6 - 25			148	145	140	135	130	122	107	88
A8MAC/6 6 - 30			177	173	167	162	156	146	128	105
A8MAC/7 6 - 35			206	202	194	188	181	170	149	121
A8MAC/8 8 - 40			235	230	222	215	206	193	170	139
A8MAC/9 8 - 50			264	258	249	241	232	217	191	156
A8MAC/10 8 - 50			293	287	277	268	257	241	212	173
A8MACZ/11 8 - 60			322	315	304	294	282	265	232	189
A8MACZ/12A 8 - 60			337	329	317	307	294	275	240	
A8MACZ/12 8 - 60			350	343	331	321	308	289	254	205
A8MACZ/13 8 - 70			380	372	358	347	333	312	274	224
A8MACZ/14 8 - 70			408	400	386	374	359	336	295	241
A8MACZ/15 8 - 75	438	429	413	400	384	360	316	257		



PUMP TYPE	MOTOR POWER		DIMENSIONS						WEIGHT IN KG		
	KW	HP	A	B	L	Ø Max		D GAS	PUMP	MOTOR	TOTAL ^o
						Pump	Motor				
A8MAC/1	4	5,5	1189	490	699	195	143	4"	32	48	80
A8MAC/2	7,5	10	1324	605	719	195	143	4"	43	50	93
A8MAC/3	11	15	1499	720	779	195	143	4"	54	56	110
A8MAC/4	15	20	1709	835	874	195	143	4"	65	66	131
A8MAC/5	18,5	25	1869	950	919	195	143	4"	76	70	146
A8MAC/6	22	30	2074	1065	1009	195	143	4"	87	79	166
A8MAC/7	26	35	2294	1180	1114	195	143	4"	98	90	188
A8MAC/8	30	40	2435	1295	1140	195	189	4"	109	140	249
A8MAC/9	37	50	2550	1410	1140	195	189	4"	120	140	260
A8MAC/10	37	50	2665	1525	1140	195	189	4"	131	140	271
A8MACZ/11	45	60	2870	1640	1230	195	189	4"	142	156	298
A8MACZ/12A	45	60	2985	1755	1230	195	189	4"	153	156	309
A8MACZ/12	45	60	2985	1755	1230	195	189	4"	153	156	309
A8MACZ/13	52	70	3210	1870	1340	195	189	4"	164	179	343
A8MACZ/14	52	70	3325	1985	1340	195	189	4"	175	179	354
A8MACZ/15	55	75	3440	2100	1340	195	189	4"	186	179	365

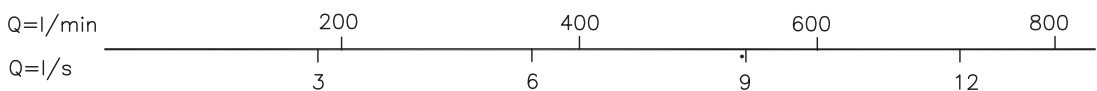
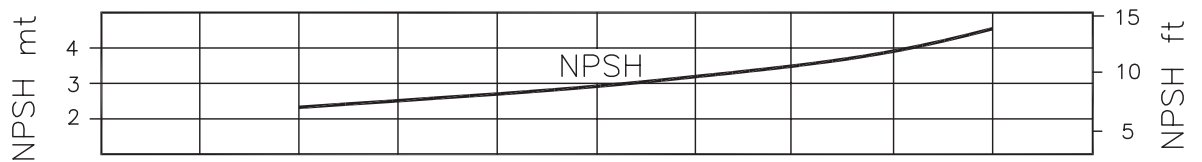
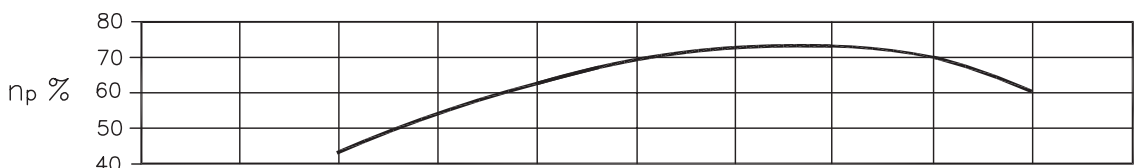
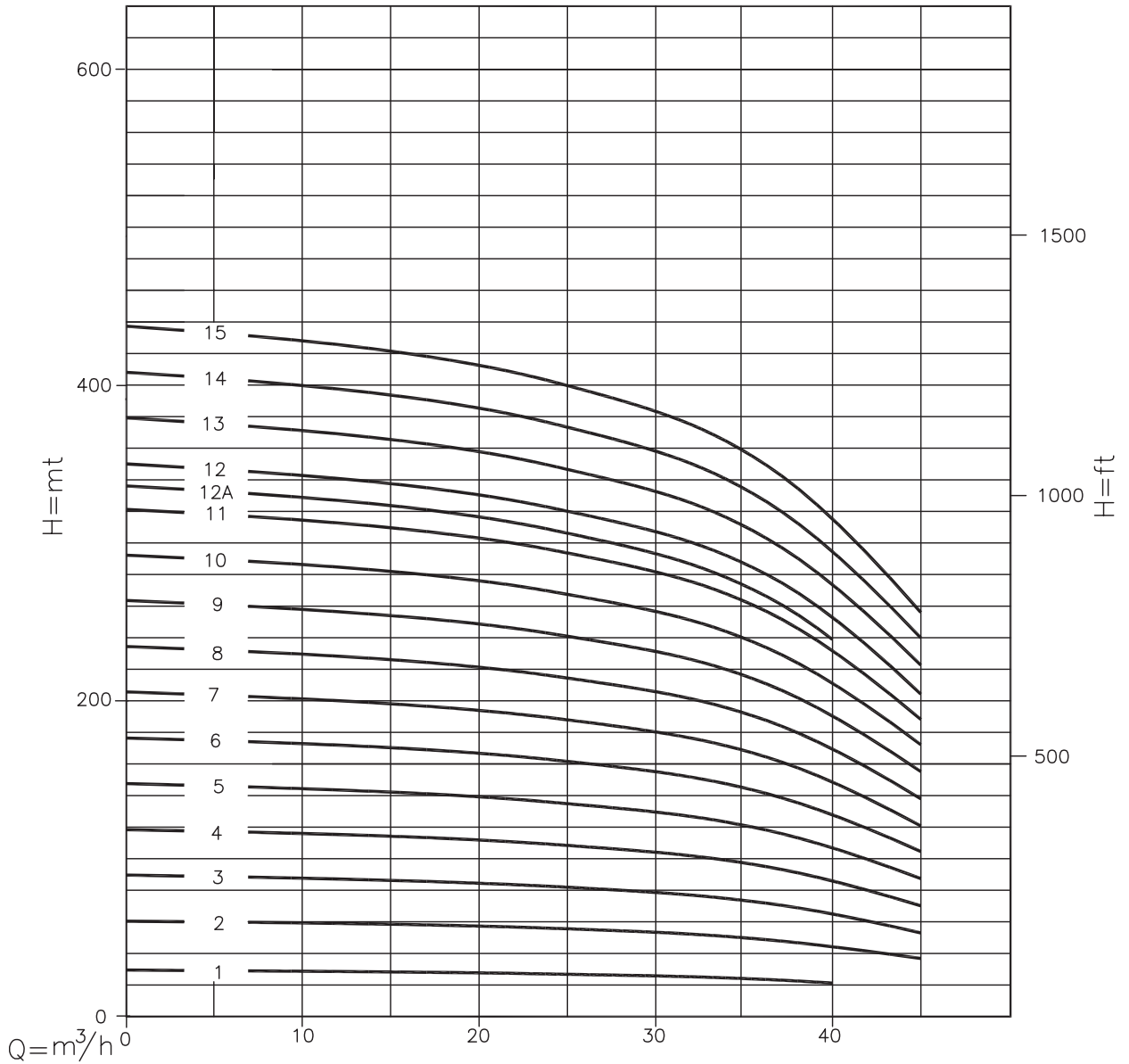
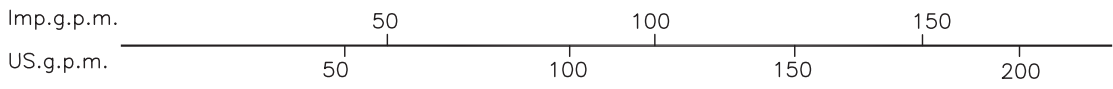
Manufactured for



by **ANAVALOS PUMPS**

Performances range at 2900 r.p.m

A8MAC 50Hz



Manufactured for



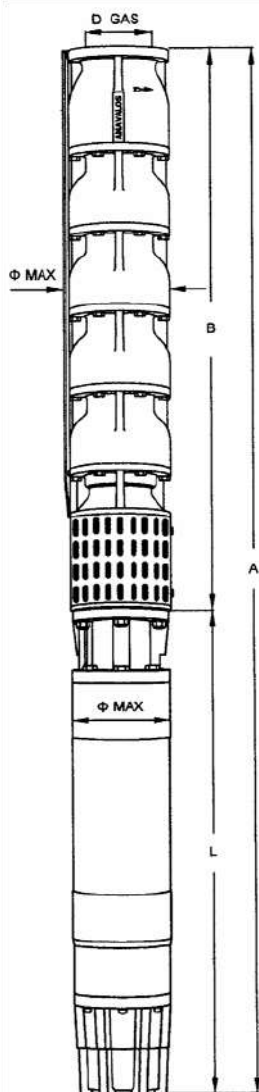
Archimedes
Pump

 by 

Performances range at 2900 r.p.m

A8MA 50Hz

PUMP-MOTOR	CAPACITY											
	m ³ /h	0	20	30	40	50	60	70	80			
	l/min	0	333	500	667	833	1000	1167	1333			
	l/s	0	5,6	8,3	11,1	13,9	16,7	19,4	22,2			
A8MA/1 6 - 7,5	6"	H = m	Total manometric head in metres	28	27	26	25	23	20	16		
A8MA/2A 6 - 12,5				54	52	51	48	44	38	30		
A8MA/3 6 - 20				82	80	77	74	67	58	46	31	
A8MA/4A 6 - 25				106	102	99	94	87	74	58		
A8MA/5B 6 - 30				129	125	122	116	106	91	72		
A8MA/6C 6 - 35				147	142	138	132	121	102	77		
A8MA/6 6 - 40				164	159	154	147	134	116	91	61	
A8MA/7 8 - 50				191	185	180	171	156	135	106	71	
A8MA/8A 8 - 50				212	205	200	190	174	150	118		
A8MA/9 8 - 60				244	238	232	220	201	173	136	90	
A8MA/10 8 - 70				272	265	257	245	224	194	152	102	
A8MAZ/11A8 - 70				8"	291	282	273	262	239	205	162	
A8MAZ/11 8 - 75					298	291	283	269	246	213	167	112
A8MAZ/12A8 - 75					310	303	295	283	260	223	175	
A8MAZ/12 8 - 80					326	317	308	293	269	232	182	122
A8MAZ/13 8 - 90					354	343	333	317	291	250	195	132
A8MAZ/14A8 - 90	369	357	346		330	302	263	205				
A8MAZ/14 8 - 100	380	369	359		341	313	270	212	142			
A8MAZ/15 8 - 100	407	395	384		365	334	289	227	151			
A8MAZ/16 8 - 110	434	421	409	389	357	308	242	161				



PUMP TYPE	MOTOR POWER		DIMENSIONS						WEIGHT IN KG		
	KW	HP	A	B	L	Ø		D GAS	PUMP	MOTOR	TOTAL
						Pump	Max Motor				
A8MA/1	5,5	7,5	1189	490	699	195	143	4"	32	48	80
A8MA/2A	9,3	12,5	1354	605	749	195	143	4"	43	53	96
A8MA/3	15	20	1594	720	874	195	143	4"	54	66	120
A8MA/4A	18,5	25	1754	835	919	195	143	4"	65	70	135
A8MA/5B	22	30	1959	950	1009	195	143	4"	76	79	155
A8MA/6C	26	35	2179	1065	1114	195	143	4"	87	90	177
A8MA/6	30	40	2279	1065	1214	195	143	4"	87	100	187
A8MA/7	37	50	2320	1180	1140	195	189	4"	98	140	238
A8MA/8A	37	50	2435	1295	1140	195	189	4"	109	140	249
A8MA/9	45	60	2640	1410	1230	195	189	4"	120	156	276
A8MA/10	52	70	2865	1525	1340	195	189	4"	131	179	310
A8MAZ/11A	52	70	2980	1640	1340	195	189	4"	142	179	321
A8MAZ/11	55	75	2980	1640	1340	195	189	4"	142	179	321
A8MAZ/12A	55	75	3095	1755	1340	195	189	4"	153	179	332
A8MAZ/12	60	80	3225	1755	1470	195	189	4"	153	198	351
A8MAZ/13	67	90	3340	1870	1470	195	189	4"	164	198	362
A8MAZ/14A	67	90	3455	1985	1470	195	189	4"	175	198	373
A8MAZ/14	75	100	3545	1985	1560	195	189	4"	175	215	390
A8MAZ/15	75	100	3660	2100	1560	195	189	4"	186	215	401
A8MAZ/16	83	110	3775	2215	1560	195	189	4"	197	247	444

Manufactured for

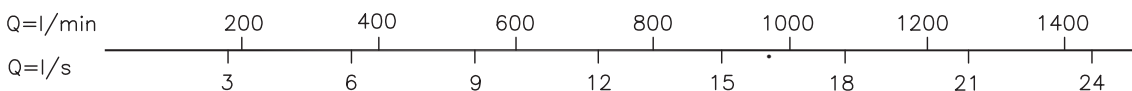
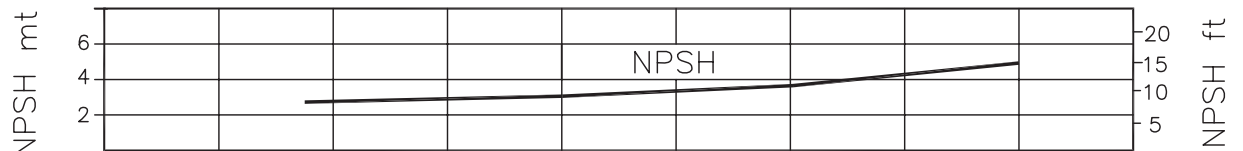
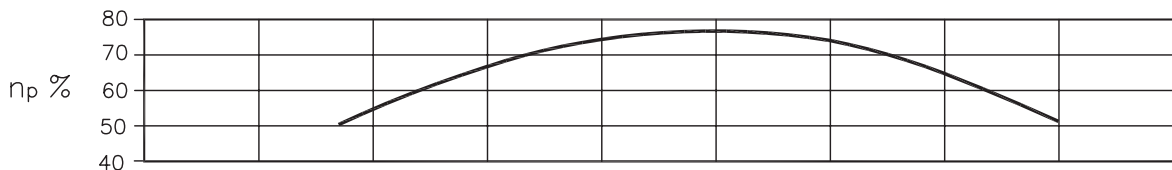
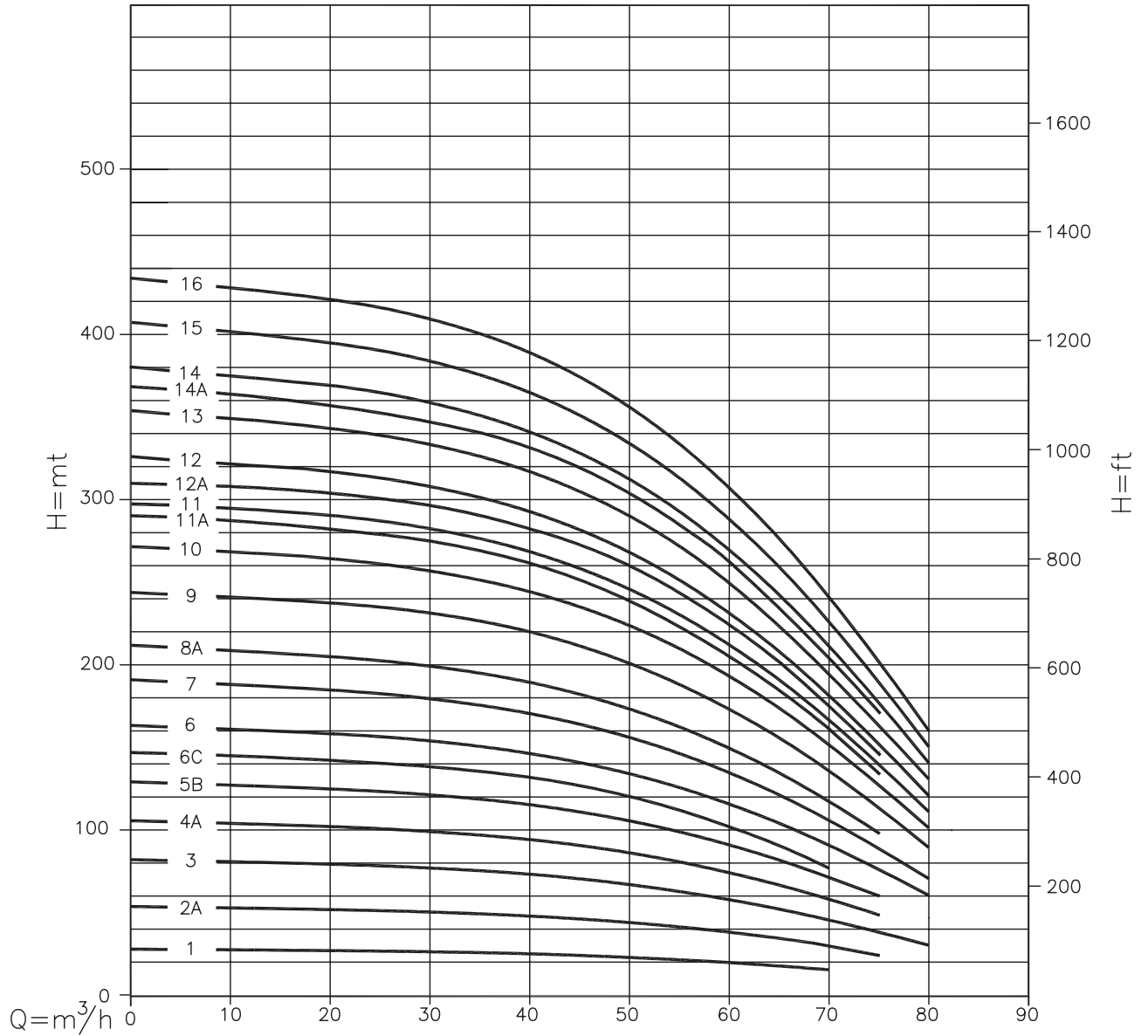
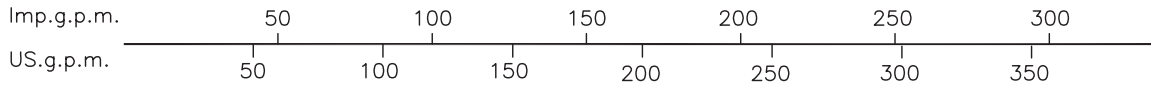


by **ANAVALOS PUMPS**

Performances range at 2900 r.p.m

A8MA

50Hz



Manufactured for



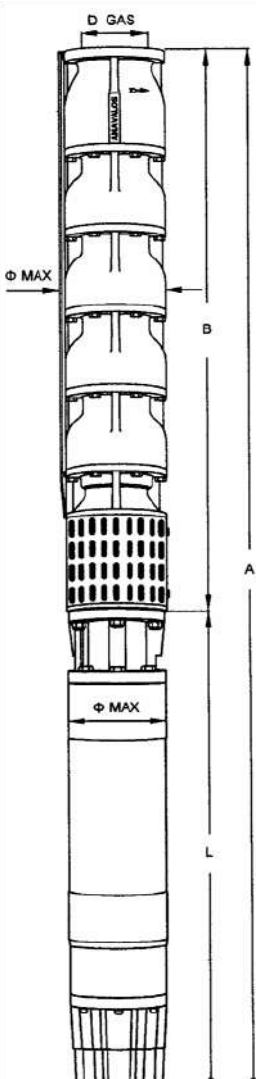
Archimedes Pump

by ANAVALOS PUMPS

Performances range at 2900 r.p.m

A8MA 50Hz

PUMP-MOTOR	CAPACITY									
	m3/h	0	30	40	50	60	70	80	90	
	l/min	0	500	666	833	1000	1166	1333	1499	
	l/s	0,0	8,3	11,1	13,9	16,7	19,4	22,2	25,0	
A8MAD/1 6 - 7,5	H = m Total manometric head in metres	6"	29	28	27	26	24	21	16	
A8MAD/2 6 - 15			57	55	54	52	47	40	30	19
A8MAD/3 6 - 25			85	82	80	76	70	59	44	27
A8MAD/4 6 - 30			113	109	106	101	93	79	58	36
A8MAD/5C 6 - 35			130	126	123	117	106	88	63	
A8MAD/5 6 - 40			140	136	133	127	117	98	73	45
A8MAD/6 8 - 50		8"	168	163	159	152	140	118	87	53
A8MAD/7B 8 - 50			187	181	177	169	154	129	93	
A8MAD/8A 8 - 60			220	213	208	198	182	153	113	68
A8MAD/9 8 - 70			252	244	238	228	209	177	131	80
A8MAD/10B 8 - 75			268	260	254	242	221	185	135	
A8MAD/10 8 - 80			279	271	264	253	232	196	145	89
A8MADZ/11 8 - 90			306	297	290	278	255	215	159	97
A8MADZ/12A8 - 90			327	317	309	296	271	227	166	
A8MADZ/13 8 - 100			366	352	342	327	301	255	189	115
A8MADZ/14 8 - 110			391	378	368	353	324	273	202	123
A8MADZ/15 8 - 125	418	404	394	378	346	292	216	131		
A8MADZ/16 8 - 125	446	432	421	403	370	312	230	140		



PUMP TYPE	MOTOR POWER		DIMENSIONS						WEIGHT IN KG		
	KW	HP	A	B	L	Ø Max		D GAS	PUMP	MOTOR	TOTAL
						Pump	Motor				
A8MAD/1	5,5	7,5	1189	490	699	195	143	4"	32	48	80
A8MAD/2	11	15	1384	605	779	195	143	4"	43	56	99
A8MAD/3	18,5	25	1639	720	919	195	143	4"	54	70	124
A8MAD/4	22	30	1844	835	1009	195	143	4"	65	79	144
A8MAD/5C	26	35	2064	950	1114	195	143	4"	76	90	166
A8MAD/5	30	40	2164	950	1214	195	143	4"	76	100	176
A8MAD/6	37	50	2205	1065	1140	195	189	4"	87	140	227
A8MAD/7B	37	50	2320	1180	1140	195	189	4"	98	140	238
A8MAD/8A	45	60	2525	1295	1230	195	189	4"	109	156	265
A8MAD/9	52	70	2750	1410	1340	195	189	4"	120	179	299
A8MAD/10B	55	75	2865	1525	1340	195	189	4"	131	179	310
A8MAD/10	60	80	2995	1525	1470	195	189	4"	131	198	329
A8MADZ/11	67	90	3110	1640	1470	195	189	4"	142	198	340
A8MADZ/12A	67	90	3225	1755	1470	195	189	4"	153	198	351
A8MADZ/13	75	100	3430	1870	1560	195	189	4"	164	215	379
A8MADZ/14	83	110	3545	1985	1560	195	189	4"	175	247	422
A8MADZ/15	93	125	3840	2100	1740	195	189	4"	186	247	433
A8MADZ/16	93	125	3955	2215	1740	195	189	4"	197	247	444

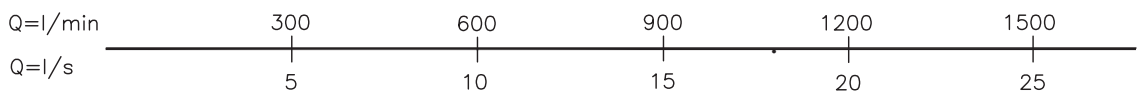
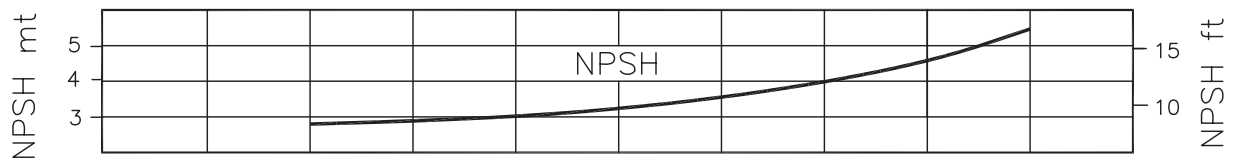
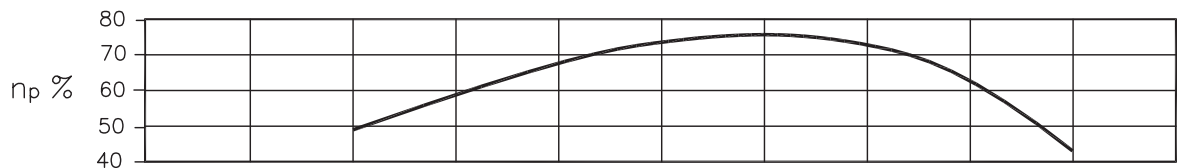
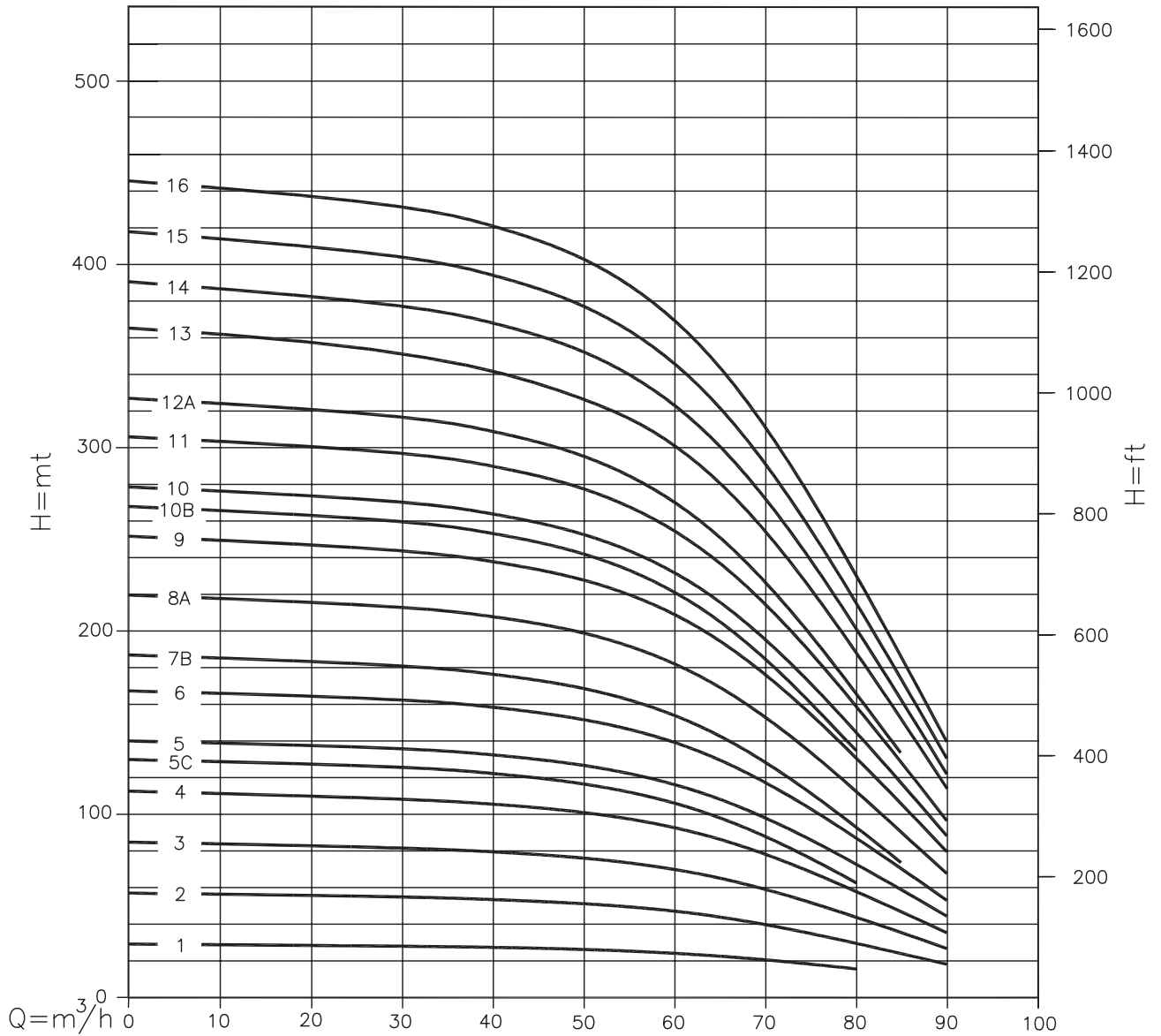
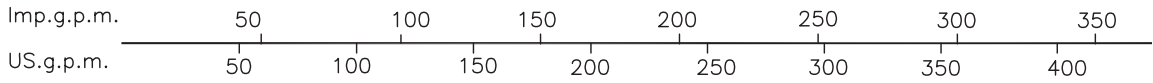
Manufactured for



by **ANAVALOS PUMPS**

Performances range at 2900 r.p.m

A8MAD 50Hz



CURVE No 2.5.10.024.1

Manufactured for



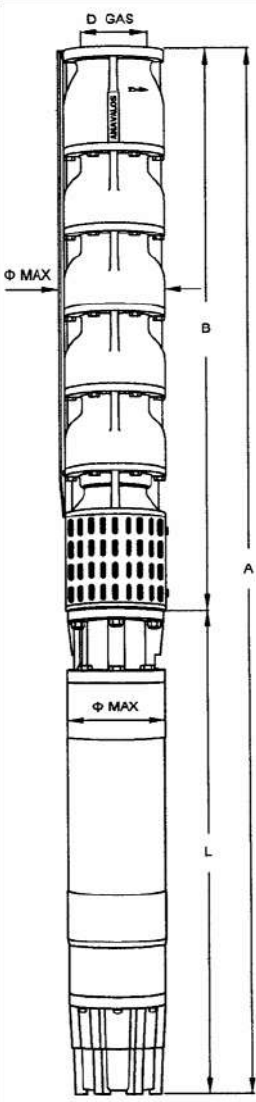
Archimedes Pump

by ANAVALOS PUMPS

Performances range at 2900 r.p.m

A8MB 50Hz

PUMP-MOTOR	CAPACITY											
	m3/h	0	40	60	70	80	90	100	120			
	l/min	0	667	1000	1167	1333	1500	1667	2000			
	l/s	0	11,1	16,7	19,4	22,2	25,0	27,8	33,3			
A8MB/1 6 - 7,5	6"	H = m	Total manometric head in metres	30	27	25	23	21	18	16		
A8MB/2A 6 - 15				57	49	44	41	37	33	28		
A8MB/3 6 - 25				89	75	68	64	58	51	44	25	
A8MB/4B 6 - 30				110	95	85	79	72	64	55		
A8MB/4 6 - 35				119	100	91	85	77	68	59	33	
A8MB/5 6 - 40				146	125	111	103	94	84	72	40	
A8MB/6 8 - 50				8"	174	151	135	126	114	101	86	48
A8MB/7 8 - 60					204	174	157	146	133	118	102	55
A8MB/8A 8 - 60					226	196	175	162	148	132	113	
A8MB/9 8 - 70					263	226	203	188	171	152	130	73
A8MB/10B 8 - 75					275	238	213	198	181	161	137	
A8MB/10 8 - 80					292	250	223	207	189	167	144	82
A8MB/11 8 - 90					319	275	247	230	209	185	158	90
A8MB/12 8 - 100					351	301	270	252	229	203	173	97
A8MBZ/13A 8-100					368	318	284	264	241	214	183	
A8MBZ/14A 8-110	395	342	305		284	260	231	198				
A8MBZ/14 8 - 125	406	349	313	292	267	238	205	117				
A8MBZ/15 8 - 125	435	377	337	314	287	255	220	124				



PUMP TYPE	MOTOR POWER		DIMENSIONS						WEIGHT IN KG			
	KW	HP	A	B	L	Φ		D GAS	PUMP	MOTOR	TOTAL	
						Pump	Max Motor					
A8MB/1	6"	5,5	7,5	1249	550	699	195	143	5"	38	48	86
A8MB/2A		11	15	1479	700	779	195	143	5"	50	56	106
A8MB/3		18,5	25	1769	850	919	195	143	5"	62	70	132
A8MB/4B		22	30	2009	1000	1009	195	143	5"	74	79	153
A8MB/4		26	35	2114	1000	1114	195	143	5"	74	90	164
A8MB/5		30	40	2364	1150	1214	195	143	5"	86	100	186
A8MB/6	8"	37	50	2440	1300	1140	195	189	5"	98	140	238
A8MB/7		45	60	2680	1450	1230	195	189	5"	110	156	266
A8MB/8A		45	60	2830	1600	1230	195	189	5"	122	156	278
A8MB/9		52	70	3090	1750	1340	195	189	5"	134	179	313
A8MB/10B		55	75	3240	1900	1340	195	189	5"	146	179	325
A8MB/10		60	80	3370	1900	1470	195	189	5"	146	198	344
A8MB/11		67	90	3520	2050	1470	195	189	5"	158	198	356
A8MB/12		75	100	3760	2200	1560	195	189	5"	170	215	385
A8MBZ/13A		75	100	3910	2350	1560	195	189	5"	182	215	397
A8MBZ/14A		83	110	4060	2500	1560	195	189	5"	194	247	441
A8MBZ/14	93	125	4240	2500	1740	195	189	5"	194	247	441	
A8MBZ/15	93	125	4390	2650	1740	195	189	5"	206	247	453	

Manufactured for



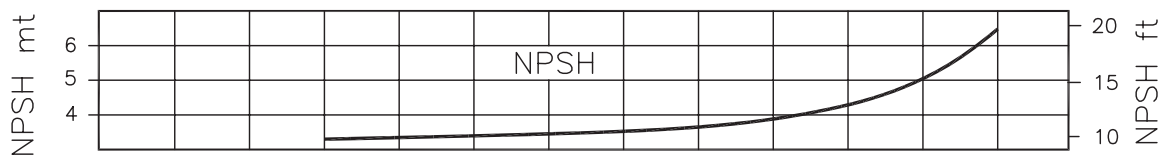
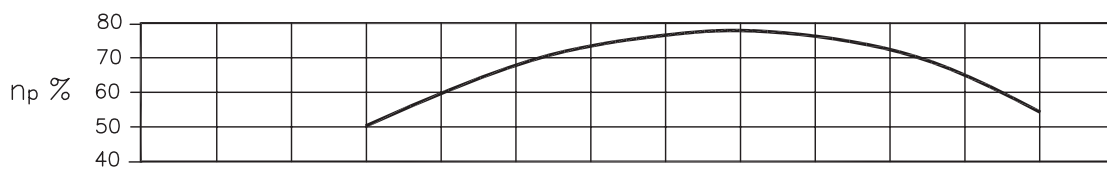
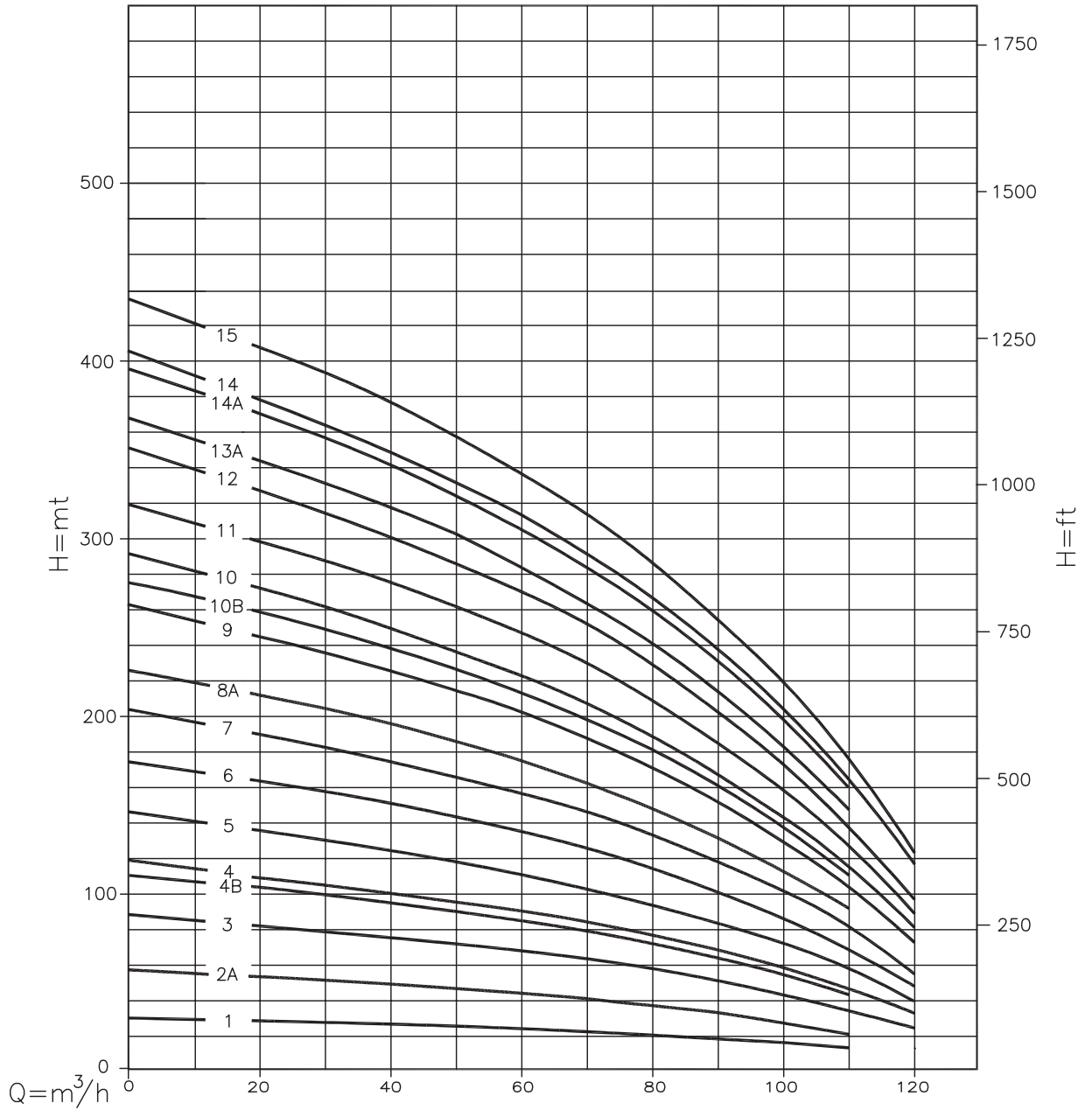
by **ANAVALOS PUMPS**

Performances range at 2900 r.p.m

A8MB

50Hz

Imp.g.p.m. 50 100 150 200 250 300 350 400 450
 US.g.p.m. 50 100 150 200 250 300 350 400 450 500 550



Q=l/min 500 1000 1500 2000
 Q=l/s 5 10 15 20 25 30

CURVE No 2.5.10.025.1

Manufactured for



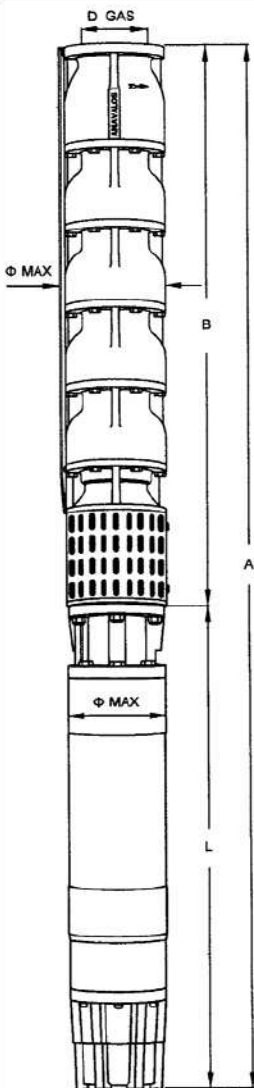
Archimedes
Pump

 by  **ANAVALOS**
PUMPS

Performances range at 2900 r.p.m

A8MC 50Hz

PUMP-MOTOR	CAPACITY									
	m ³ /h	0	60	80	90	100	110	120	140	
	l/min	0	1000	1333	1500	1667	1833	2000	2333	
	l/s	0	16,7	22,2	25,0	27,8	30,6	33,3	38,9	
A8MC/1 6 - 10	6"	H = m Total manometric head in metres	30	26	24	23	21	20	18	
A8MC/2 6 - 20			58	49	46	43	41	38	34	25
A8MC/3 6 - 30			86	73	67	64	60	56	50	37
A8MC/4 6 - 40			115	97	89	85	80	74	66	48
A8MC/5 8 - 50			142	121	112	107	100	93	83	61
A8MC/6A 8 - 60	8"		160	137	126	120	113	104	93	
A8MC/6 8 - 60			172	145	134	127	119	110	99	72
A8MC/7 8 - 75			200	169	156	148	139	128	115	84
A8MC/8 8 - 80			228	192	178	169	158	146	131	95
A8MC/9 8 - 90			257	216	200	190	178	164	147	107
A8MC/10A 8-100	10"	274	231	213	201	188	173	154		
A8MC/10 8-100		284	241	223	211	198	183	164	120	
A8MCZ/11 8-125		313	264	244	232	218	201	180	131	
A8MCZ/12 8-125		342	288	266	253	237	219	196	143	
A8MCZ/13 10-150		370	312	288	274	257	237	213	155	
A8MCZ/14 10-150	10"	388	336	310	295	277	255	229	166	
A8MCZ/15 10-175		427	360	332	316	296	273	245	178	
A8MCZ/16 10-175		456	384	355	338	317	293	263	191	



PUMP TYPE	MOTOR POWER		DIMENSIONS						WEIGHT IN KG			
	KW	HP	A	B	L	Φ Pump	Max Motor	D GAS	PUMP	MOTOR	TOTAL	
A8MC/1	6"	7,5	10	1269	550	719	195	143	5"	38	50	88
A8MC/2		15	20	1574	700	874	195	143	5"	50	66	116
A8MC/3		22	30	1859	850	1009	195	143	5"	62	79	141
A8MC/4		30	40	2214	1000	1214	195	143	5"	74	100	174
A8MC/5		37	50	2290	1150	1140	195	189	5"	86	140	226
A8MC/6A	8"	45	60	2530	1300	1230	195	189	5"	98	156	254
A8MC/6		45	60	2530	1300	1230	195	189	5"	98	156	254
A8MC/7		55	75	2790	1450	1340	195	189	5"	110	179	289
A8MC/8		60	80	3070	1600	1470	195	189	5"	122	198	320
A8MC/9		67	90	3220	1750	1470	195	189	5"	134	198	332
A8MC/10A	10"	75	100	3460	1900	1560	195	189	5"	146	215	361
A8MC/10		75	100	3460	1900	1560	195	189	5"	146	215	361
A8MCZ/11		93	125	3790	2050	1740	195	189	5"	158	247	405
A8MCZ/12		93	125	3940	2200	1740	195	189	5"	170	247	417
A8MCZ/13		110	150	3879	2350	1529	195	232	5"	182	315	497
A8MCZ/14	10"	110	150	4029	2500	1529	195	232	5"	194	315	509
A8MCZ/15		130	175	4309	2650	1659	195	232	5"	206	362	568
A8MCZ/16		130	175	4459	2800	1659	195	232	5"	218	362	580

Manufactured for

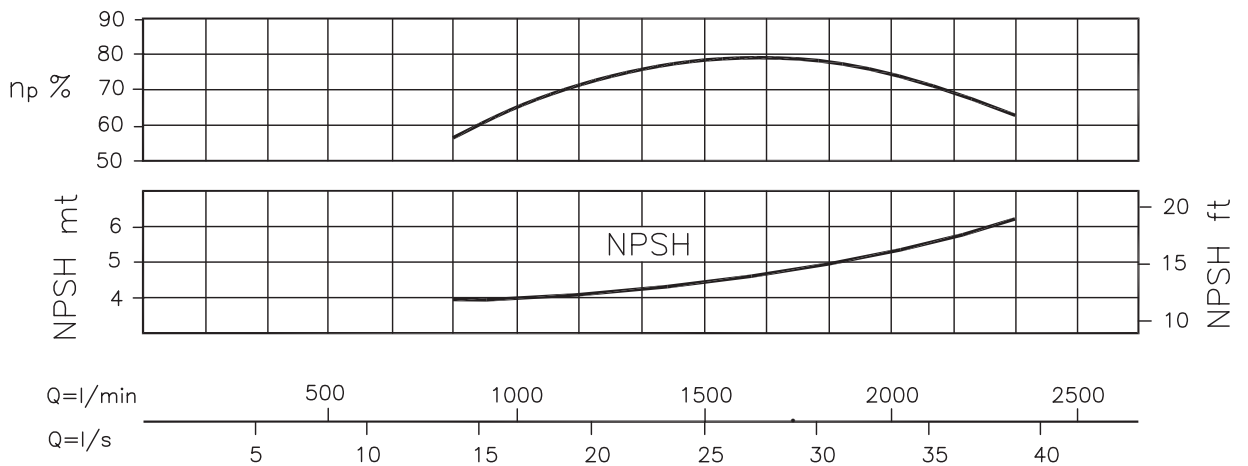
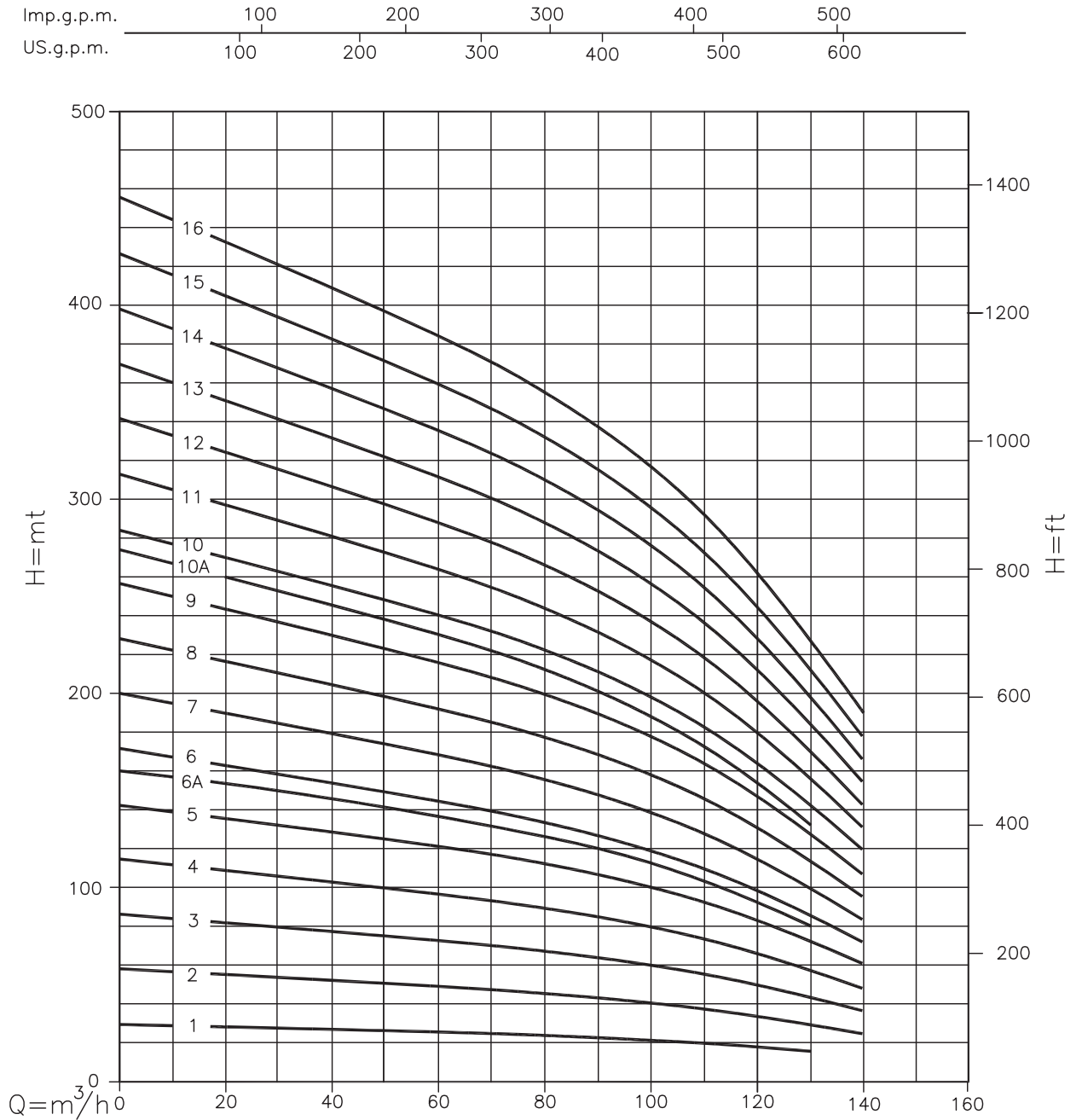


by **ANAVALOS PUMPS**

Performances range at 2900 r.p.m

A8MC

50Hz



CURVE No 2.5.10.026.1

Manufactured for



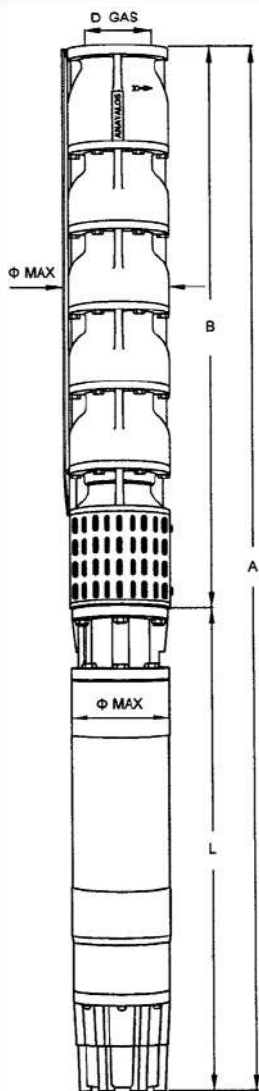
Archimedes Pump

by ANAVALOS PUMPS

Performances range at 2900 r.p.m

A8MD 50Hz

PUMP-MOTOR	CAPACITY									
	m3/h	0	80	100	120	130	140	160	180	
	l/min	0	1333	1667	2000	2167	2333	2667	3000	
	l/s	0	22,2	27,8	33,3	36,1	38,9	44,4	50	
A8MD/1 6 - 12,5	6"	H = m	29	26	24	22	21	19	16	11
A8MD/2 6 - 25			54	48	45	41	39	36	29	22
A8MD/3B 6 - 35			82	68	63	59	55	51	41	29
A8MD/3 6 - 40			85	72	68	62	59	55	45	33
A8MD/4 8 - 50	8"	Total manometric head in metres	112	96	90	83	78	73	60	44
A8MD/5B 8 - 60			136	116	108	99	92	85	69	49
A8MD/5 8 - 70			140	120	113	103	97	90	73	53
A8MD/6 8 - 75			170	143	134	124	119	111	89	64
A8MD/7 8 - 90			196	168	157	144	137	128	103	74
A8MD/8A 8 - 100			217	186	175	161	152	142	115	82
A8MD/9B 8 - 110	10"		238	204	192	176	166	154	125	89
A8MD/9 8 - 125			253	215	201	185	175	163	130	92
A8MD/10A 8 - 125			272	232	218	201	190	176	142	101
A8MDZ/11 10 - 150			309	263	246	226	215	202	162	115
A8MDZ/12A10 - 150			328	280	262	241	228	212	171	122
A8MDZ/13 10 - 175			364	310	290	268	255	237	192	135
A8MDZ/14A10 - 175			384	327	305	281	266	248	200	143



PUMP TYPE	MOTOR POWER		DIMENSIONS						WEIGHT IN KG			
	KW	HP	A	B	L	Φ Pump	Max Motor	D GAS	PUMP	MOTOR	TOTAL	
A8MD/1	6"	9,3	12,5	1299	550	749	193	143	5"	38	53	91
A8MD/2		18,5	25	1619	700	919	193	143	5"	50	70	120
A8MD/3B		26,0	35	1964	850	1114	193	143	5"	62	90	152
A8MD/3		30	40	2064	850	1214	193	143	5"	62	100	162
A8MD/4	8"	37	50	2140	1000	1140	193	189	5"	74	140	214
A8MD/5B		45	60	2380	1150	1230	193	189	5"	86	156	242
A8MD/5		52	70	2490	1150	1340	193	189	5"	86	179	265
A8MD/6		55	75	2640	1300	1340	193	189	5"	98	179	277
A8MD/7		67	90	2920	1450	1470	195	189	5"	110	198	308
A8MD/8A		75	100	3160	1600	1560	195	189	5"	122	215	337
A8MD/9B	10"	83	110	3310	1750	1560	195	189	5"	134	247	381
A8MD/9		93	125	3490	1750	1740	195	189	5"	134	247	381
A8MD/10A		93	125	3640	1900	1740	195	189	5"	146	247	393
A8MDZ/11		110	150	3579	2050	1529	200	232	5"	158	315	473
A8MDZ/12A		110	150	3729	2200	1529	200	232	5"	170	315	485
A8MDZ/13		130	175	4009	2350	1659	200	232	5"	182	362	544
A8MDZ/14A	130	175	4159	2500	1659	200	232	5"	194	362	556	

Manufactured for

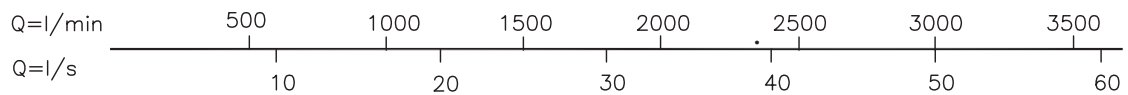
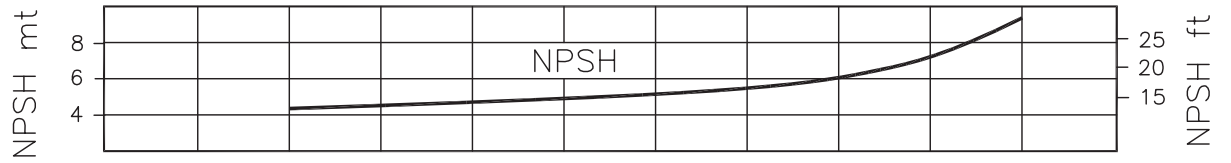
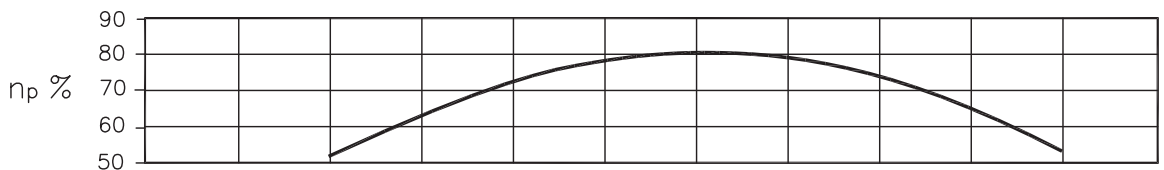
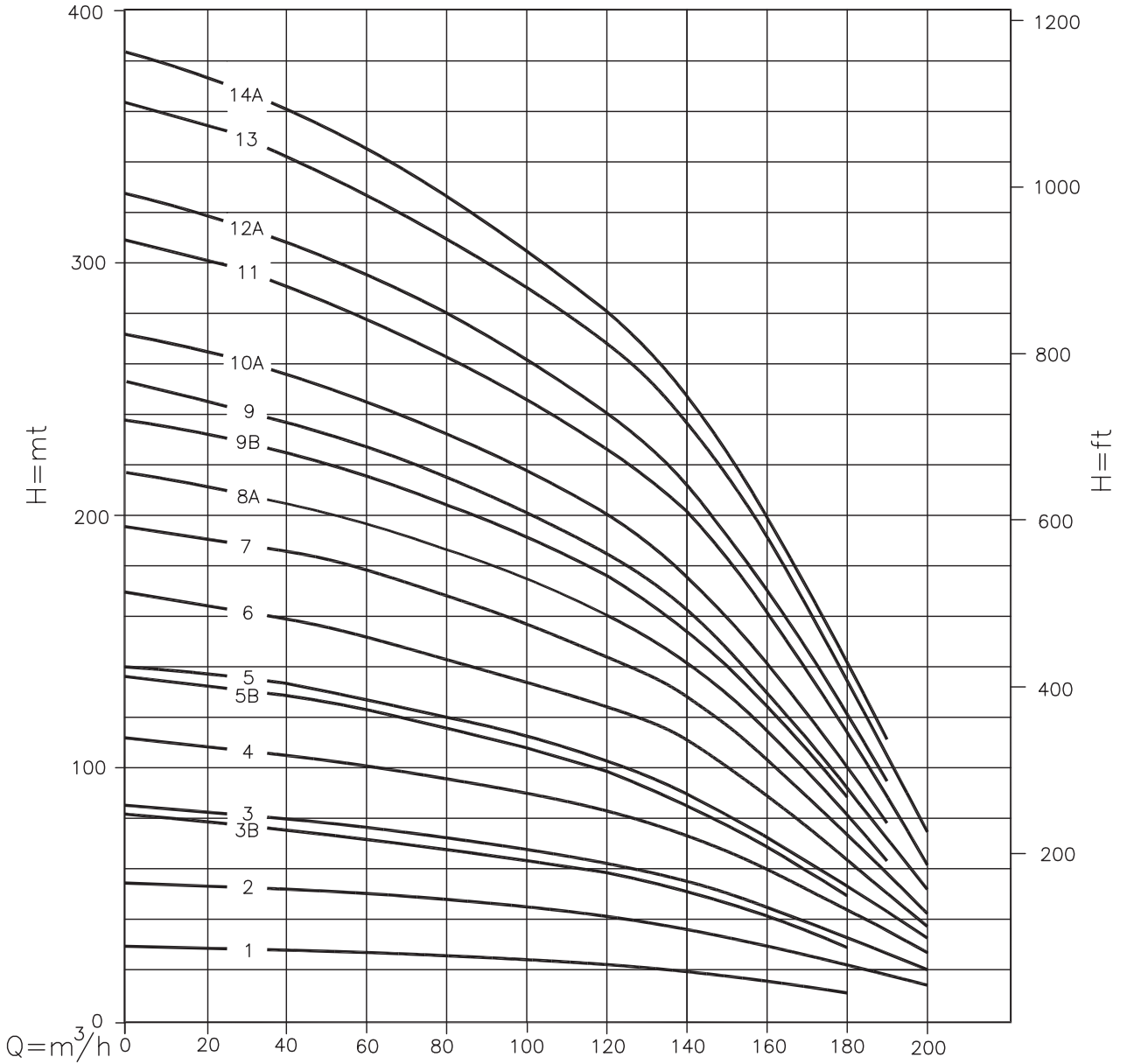
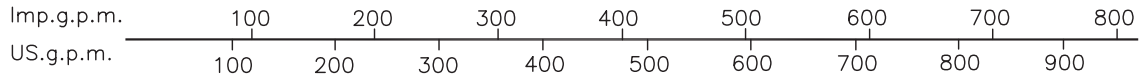


by **ANAVALOS PUMPS**

Performances range at 2900 r.p.m

A8MD

50Hz



CURVE No 2.5.10.027.1

Manufactured for



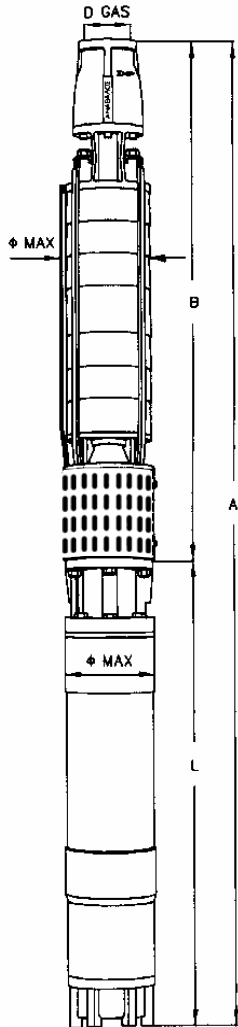
Archimedes Pump

by ANAVALOS PUMPS

Performances range at 2900 r.p.m

A10RA 50Hz

PUMP-MOTOR	CAPACITY								
	Q ³ /h	0	30	40	50	55	60	65	70
	l/min	0	500	667	833	917	1000	1083	1167
	l/s	0	8,3	11,1	13,9	15,3	16,7	18,1	19,4
A10RA/5 8" - 40HP	8" H = m Total Manometric head in metres	186	171	160	146	137	126	114	98
A10RA/6 8" - 50HP		223	205	192	175	165	151	137	118
A10RA/7 8" - 60HP		260	239	224	204	192	177	160	137
A10RA/8 8" - 70HP		297	273	256	233	220	202	183	157
A10RA/9 8" - 75HP		334	307	288	262	247	227	206	177
A10RA/10A 8" - 80HP		371	341	320	291	274	252	229	197
A10RA/11 8" - 90HP		408	375	352	320	302	277	252	216
A10RA/12 8" - 100HP		445	409	384	349	329	303	274	236
A10RA/13 10" - 115HP		482	443	416	378	357	328	298	255
A10RA/14A 10"-115HP		520	478	448	408	384	353	320	275
A10RA/15 10" - 125HP		557	512	480	437	412	378	343	295
A10RA/16 10" - 150HP		594	546	512	466	439	404	366	314
A10RA/17 10" - 150HP		631	580	544	495	467	429	389	334
A10RA/18A 10"-150HP		668	614	576	524	494	454	412	354



ΤΥΠΟΣ ΑΝΤΛΙΑΣ PUMP TYPE	ΙΣΧΥΣ ΜΟΤΕΡ MOTOR POWER		ΔΙΑΣΤΑΣΕΙΣ DIMENSIONS						ΒΑΡΟΣ ΣΕ KG WEIGHT IN KG		
	kW	HP	A	B	L	∅ Pump	Max Motor	D GAS	ΑΝΤΛΙΑ PUMP	ΜΟΤΕΡ MOTOR	ΟΛΙΚΟ TOTAL
A10RA/5	30	40	2158	1018	1140	242	189	4"	124	140	264
A10RA/6	37	50	2236	1096	1140	242	189	4"	136	140	276
A10RA/7	45	60	2404	1174	1230	242	189	4"	148	156	304
A10RA/8	52	70	2592	1252	1340	242	189	4"	160	179	339
A10RA/9	55	75	2670	1330	1340	242	189	4"	172	179	351
A10RA/10A	60	80	2878	1408	1470	242	189	4"	184	198	382
A10RA/11	67	90	2956	1486	1470	242	189	4"	196	198	394
A10RA/12	75	100	3124	1564	1560	242	189	4"	208	215	423
A10RA/13	85	115	3061	1642	1419	245	232	4"	220	280	500
A10RA/14A	85	115	3139	1720	1419	245	232	4"	232	280	512
A10RA/15	93	125	3327	1798	1529	245	232	4"	244	315	559
A10RA/16	110	150	3405	1876	1529	245	232	4"	256	315	571
A10RA/17	110	150	3483	1954	1529	245	232	4"	268	315	583
A10RA/18A	110	150	3561	2032	1529	245	232	4"	280	315	595

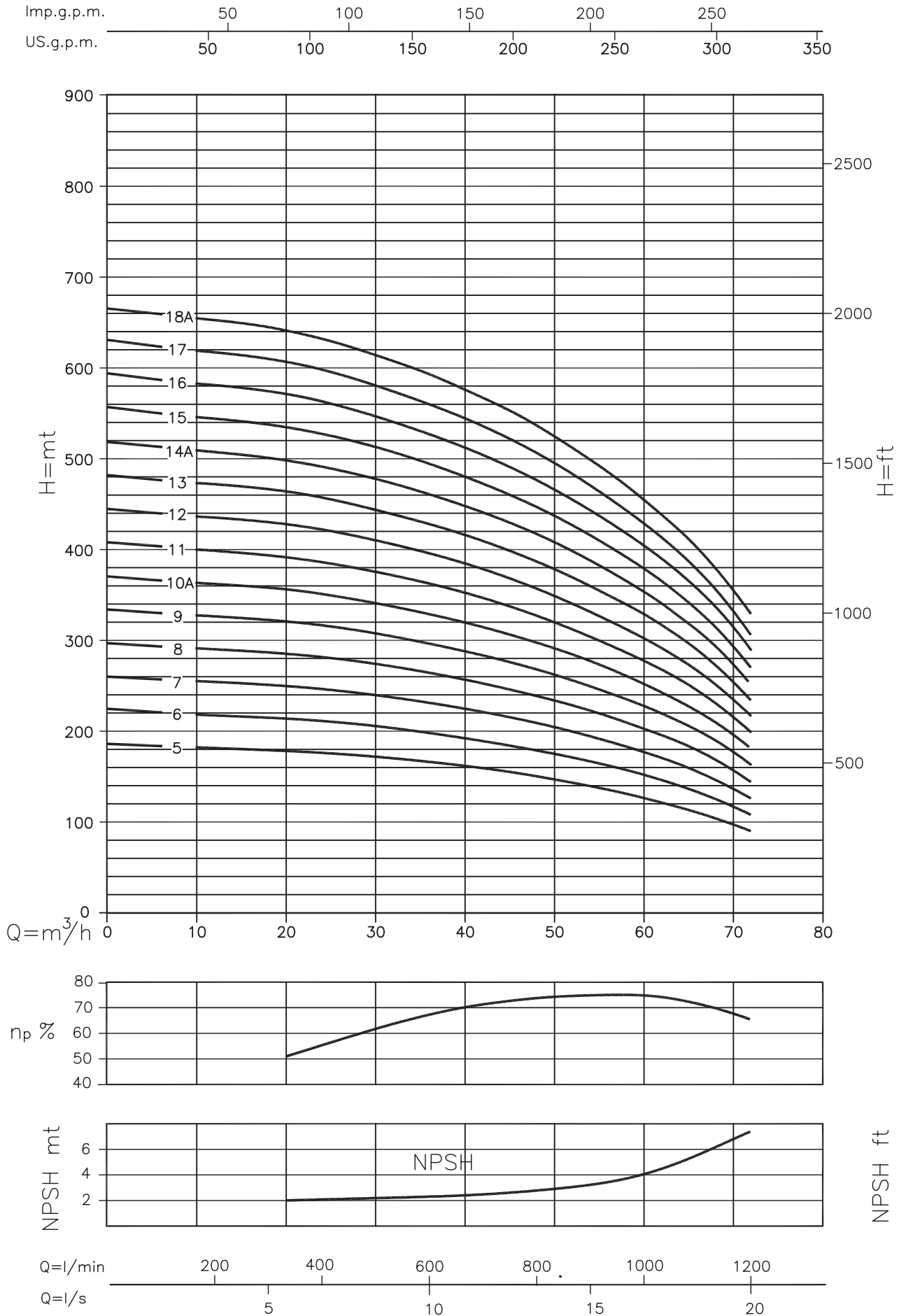
Manufactured for



by **ANAVALOS PUMPS**

Performances range at 2900 r.p.m

A10RA 50Hz



Manufactured for



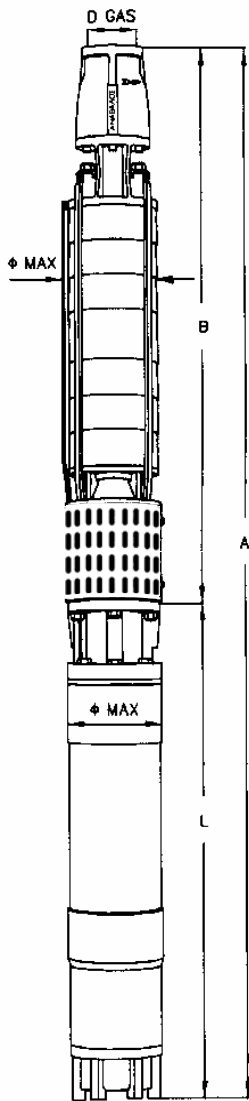
Archimedes
Pump

by **ANAVALOS**
PUMPS

Performances range at 2900 r.p.m

A10RB 50Hz

PUMP-MOTOR	CAPACITY											
	Q ³ /h	0	40	60	70	80	90	100	120			
	l/min	0	667	1000	1167	1333	1500	1667	2000			
	l/s	0	11,1	16,7	19,4	22,2	25,0	27,8	33,3			
A10RB/3 8 - 30	8"	H = m	104	94	87	82	74	64	52	30		
A10RB/4 8 - 40			139	126	116	109	99	85	69	40		
A10RB/5 8 - 50			173	157	145	137	123	107	86	49		
A10RB/6 8 - 60			208	189	174	164	148	128	103	59		
A10RB/7 8 - 70			243	220	203	191	173	149	121	69		
A10RB/8 8 - 80			277	252	232	219	197	171	138	79		
A10RB/9 8 - 90			312	283	261	246	222	192	155	89		
A10RB/10 8 - 100			347	314	290	273	247	213	172	99		
A10RB/11 10 - 115			10"	Total Manometric head in metres	381	346	319	301	271	235	189	109
A10RB/12 10 - 125					416	377	348	328	296	256	207	119
A10RB/13 10 - 150	451	409			377	355	321	277	224	129		
A10RB/14 10 - 150	485	440			406	383	345	299	241	138		
A10RB/15 10 - 150	520	472			435	410	370	320	258	148		
A10RB/16 10 - 175	555	503			464	437	395	341	276	158		
A10RB/17 10 - 175	589	535			493	465	419	363	293	168		



PUMP TYPE	MOTOR POWER		DIMENSIONS						WEIGHT IN KG		
	KW	HP	A	B	L	∅ Pump	Max Motor	D GAS	PUMP	MOTOR	TOTAL
A10RB/3	22	30	2002	862	1140	242	189	4"	98	140	238
A10RB/4	30	40	2080	940	1140	242	189	4"	110	140	250
A10RB/5	37	50	2158	1018	1140	242	189	4"	122	140	262
A10RB/6	45	60	2326	1096	1230	242	189	4"	134	156	290
A10RB/7	52	70	2514	1174	1340	242	189	4"	146	179	325
A10RB/8	60	80	2722	1252	1470	242	189	4"	158	198	356
A10RB/9	67	90	2800	1330	1470	242	189	4"	170	198	368
A10RB/10	75	100	2968	1408	1560	242	189	4"	182	215	397
A10RB/11	85	115	2905	1486	1419	245	232	4"	194	280	474
A10RB/12	93	125	3093	1564	1529	245	232	4"	206	315	521
A10RB/13	110	150	3171	1642	1529	245	232	4"	218	315	533
A10RB/14	110	150	3249	1720	1529	245	232	4"	230	315	545
A10RB/15	110	150	3327	1798	1529	245	232	4"	242	315	557
A10RB/16	130	175	3535	1876	1659	245	232	4"	254	362	616
A10RB/17	130	175	3613	1954	1659	245	232	4"	266	362	628

Manufactured for

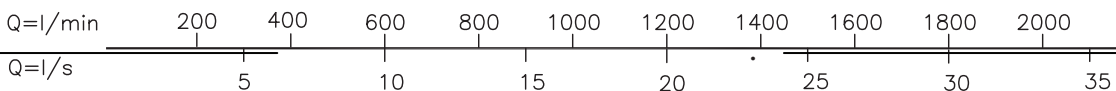
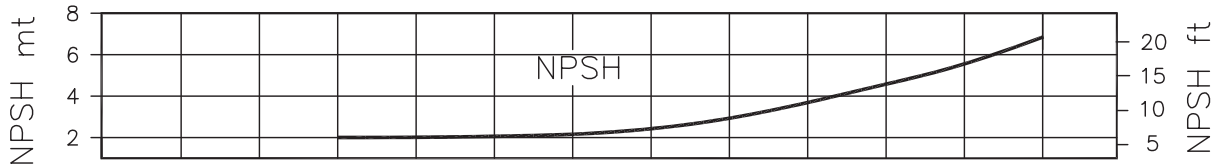
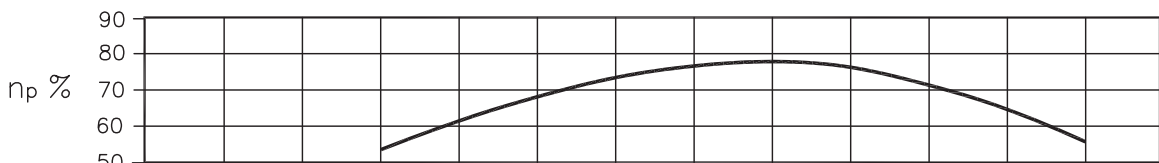
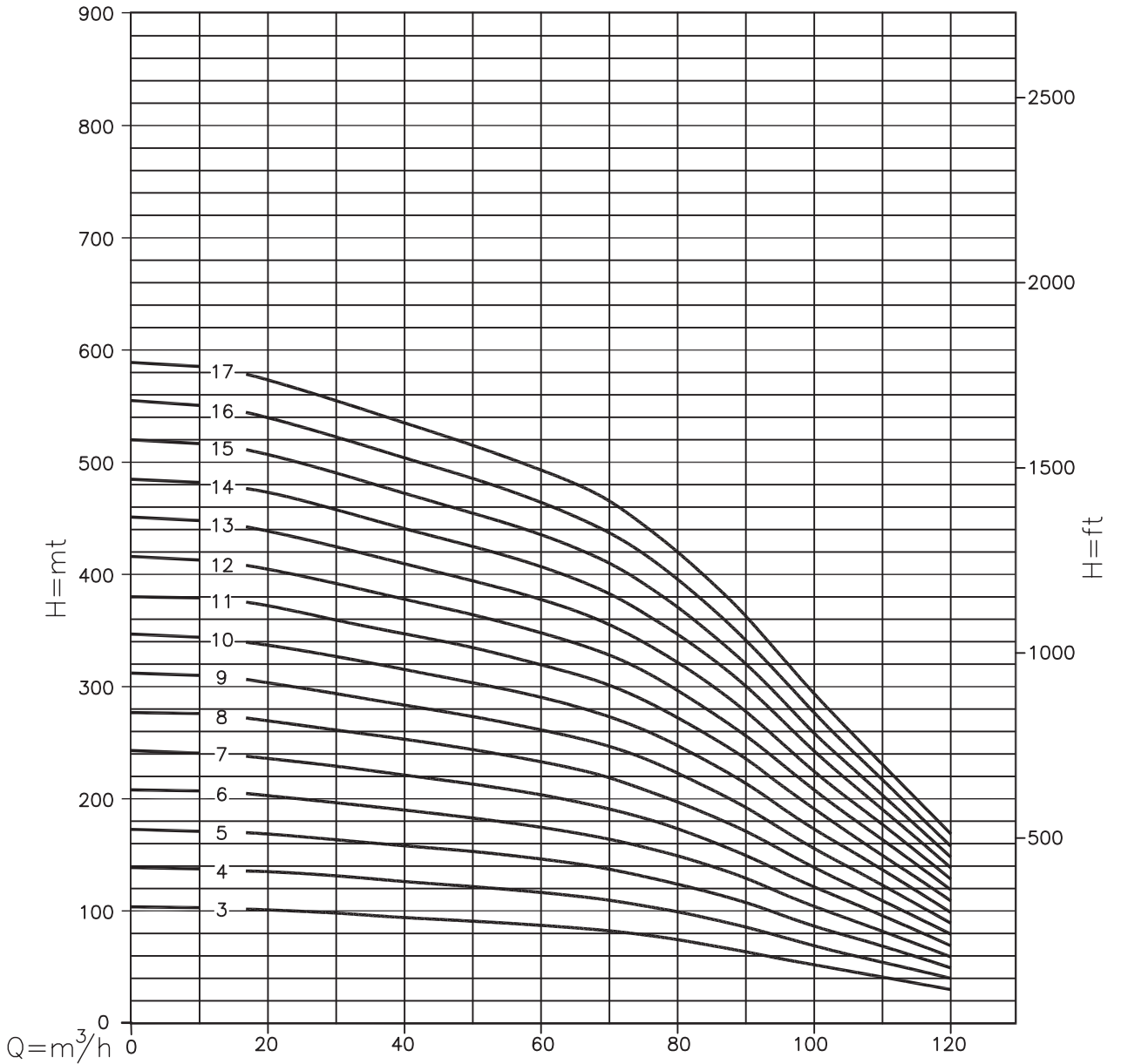
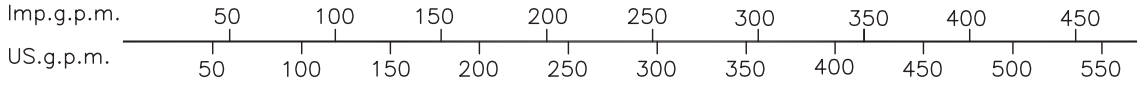


by **ANAVALOS PUMPS**

Performances range at 2900 r.p.m

A10RB

50Hz



Manufactured for



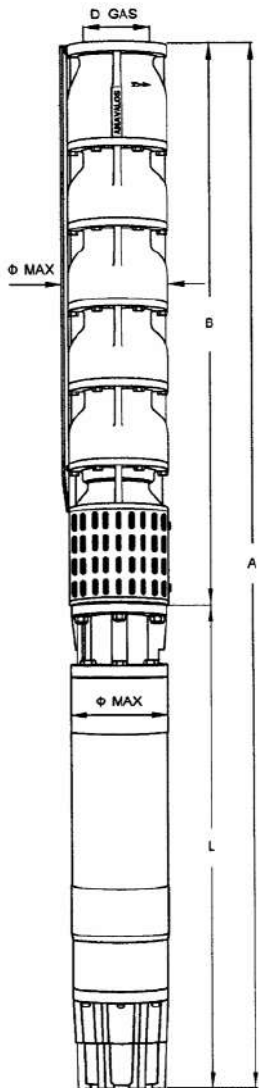
Archimedes
Pump

 by  **ANAVALOS**
PUMPS

Performances range at 2900 r.p.m

A10MA 50Hz

PUMP-MOTOR		ΠΑΡΟΧΗ - CAPACITY								
		m ³ /h	0	75	125	150	175	200	225	235
		l/min	0	1250	2083	2499	2916	3332	3749	3915
		l/s	0	20,8	34,7	41,7	48,6	55,5	62,5	65,3
A10MA/1F 8 - 25	8"	Ολικό μανομετρικό σε μέτρα	42	36	32	29	25	22	17	
A10MA/1 8 - 30			46	41	37	34	31	28	23	21
A10MA/2F 8 - 50			83	73	64	59	53	46	37	
A10MA/2 8 - 60			94	83	75	69	63	56	47	43
A10MA/3F 8 - 75		H = m	125	110	97	89	80	69	56	
A10MA/3 8 - 90			140	125	112	104	95	84	71	64
A10MA/4F 8 - 100			167	147	129	118	106	92	74	
A10MA/4 8 - 125			188	167	149	139	127	113	94	85
A10MA/5 10 - 150	10"	Total manometric head in metres	234	209	187	174	158	141	118	106
A10MA/6A10 - 175			276	245	220	204	185	165	137	123
A10MAZ/7B10-200		315	279	250	231	209	185	152	136	
A10MAZ/710 - 250		329	293	263	245	223	199	166	148	
A10MAZ/810 - 250		375	334	300	279	254	226	189	169	
A10MAZ/912 - 300		12"	423	376	337	313	285	254	212	189
A10MAZ/1012 -300	470		418	375	349	317	282	236	209	



PUMP TYPE	MOTOR POWER		DIMENSIONS						WEIGHT IN KG		
	KW	HP	A	B	L	∅		D GAS	PUMP	MOTOR	TOTAL
						Pump	Max Motor				
A10MA/1F	18,5	25	1880	740	1140	255	189	6"	79	140	219
A10MA/1	22	30	1880	740	1140	255	189	6"	79	140	219
A10MA/2F	37	50	2065	925	1140	255	189	6"	104	140	244
A10MA/2	45	60	2155	925	1230	255	189	6"	104	156	260
A10MA/3F	55	75	2450	1110	1340	255	189	6"	129	179	308
A10MA/3	67	90	2580	1110	1470	255	189	6"	129	198	327
A10MA/4F	75	100	2855	1295	1560	255	189	6"	154	215	369
A10MA/4	93	125	3035	1295	1740	255	189	6"	154	247	401
A10MA/5	110	150	3009	1480	1529	260	232	6"	179	315	494
A10MA/6A	130	175	3324	1665	1659	260	232	6"	204	362	566
A10MAZ/7B	150	200	3619	1850	1769	260	232	6"	229	413	642
A10MAZ/7	185	250	3769	1850	1919	260	232	6"	229	449	678
A10MAZ/8	185	250	3954	2035	1919	260	232	6"	254	449	703
A10MAZ/9	220	300	4104	2220	1884	260	276	6"	279	616	895
A10MAZ/10	220	300	4289	2405	1884	260	276	6"	304	616	920

Manufactured for

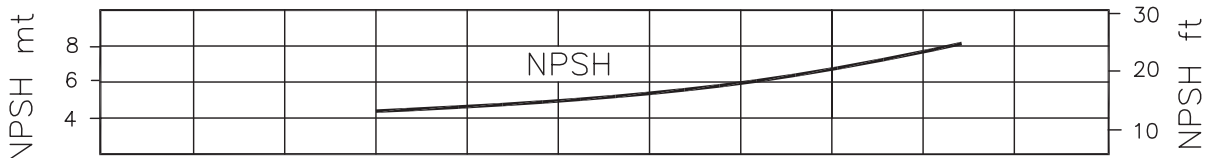
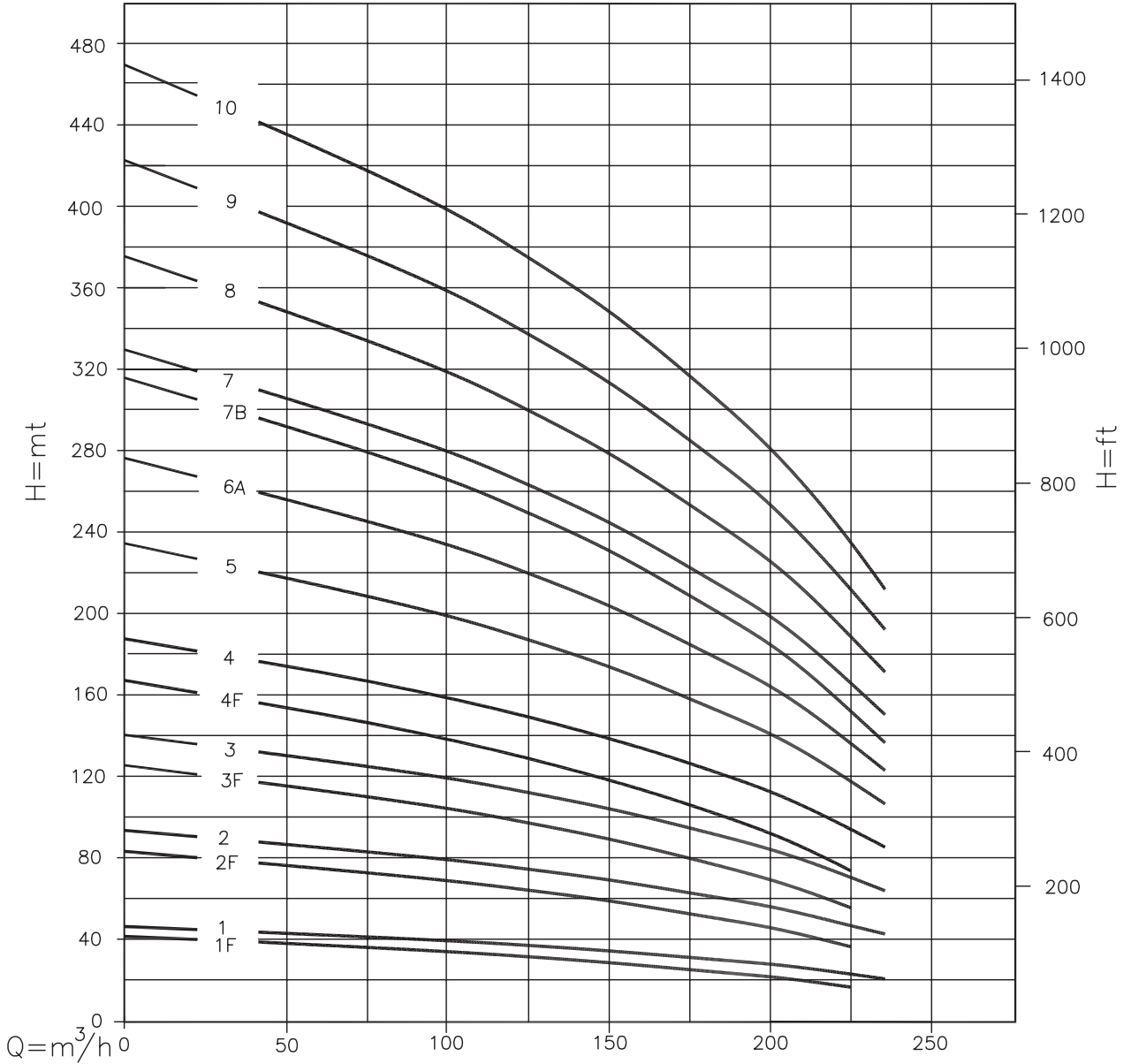


by **ANAVALOS PUMPS**

Performances range at 2900 r.p.m

A10MA 50Hz

Imp.g.p.m. 200 400 600 800 1000
 US.g.p.m. 200 400 600 800 1000 1200



Q=l/min 500 1000 1500 2000 2500 3000 3500 4000
 Q=l/s 10 20 30 40 50 60 70

Manufactured for



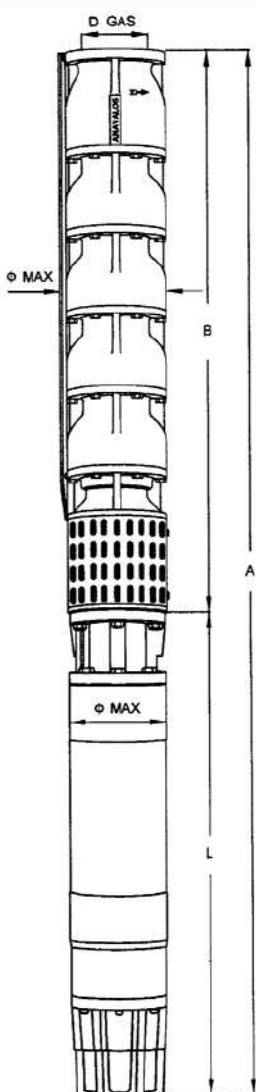
Archimedes Pump

by ANAVALOS PUMPS

Performances range at 2900 r.p.m

A10MB 50Hz

PUMP-MOTOR	CAPACITY									
	m3/h	0	100	150	175	200	225	250	260	
	l/min	0	1666	2499	2916	3332	3749	4165	4332	
	l/s	0	27,8	41,7	48,6	55,5	62,5	69,4	72,2	
A10MB/1F 8 - 25	8"	H = m Total manometric head in metres	36	32	30	28	26	23	15	
A10MB/1 8 - 30			42	37	35	33	30	27	19	14
A10MB/2F 8 - 50			72	63	59	55	51	45	29	
A10MB/2 8 - 60			85	75	69	66	61	54	38	28
A10MB/3F 8 - 75			108	95	89	83	77	68	44	
A10MB/3 8 - 90			126	111	103	97	91	80	56	42
A10MB/4F 8 - 100			144	126	118	110	102	90	58	
A10MB/4 8 - 125			165	146	134	127	118	105	73	54
A10MB/5 10 -150			209	191	171	161	151	133	92	69
A10MB/6A 10 -175			243	215	197	186	173	151	102	75
A10MBZ/7B10-200	10"	281	248	227	214	199	173	117	82	
A10MBZ/7 10 -250		292	259	239	225	210	185	128	93	
A10MBZ/8 10 -250		331	297	273	258	240	206	145	103	
A10MBZ/9 12 -300	12"	373	333	306	289	268	232	165	116	
A10MBZ/1012 -300		415	371	341	321	297	260	192	143	



PUMP TYPE	MOTOR POWER		DIMENSIONS						WEIGHT IN KG		
	KW	HP	A	B	L	∅ Pump	Max Motor	D GAS	PUMP	MOTOR	TOTAL
A10MB/1F	18,5	25	1880	740	1140	255	189	6"	79	140	219
A10MB/1	22	30	1880	740	1140	255	189	6"	79	140	219
A10MB/2F	37	50	2065	925	1140	255	189	6"	104	140	244
A10MB/2	45	60	2155	925	1230	255	189	6"	104	156	260
A10MB/3F	55	75	2450	1110	1340	255	189	6"	129	179	308
A10MB/3	67	90	2580	1110	1470	255	189	6"	129	198	327
A10MB/4F	75	100	2855	1295	1560	255	189	6"	154	215	369
A10MB/4	93	125	3035	1295	1740	255	189	6"	154	247	401
A10MB/5	110	150	3009	1480	1529	260	232	6"	179	315	494
A10MB/6A	130	175	3324	1665	1659	260	232	6"	204	362	566
A10MBZ/7B	150	200	3619	1850	1769	260	232	6"	229	413	642
A10MBZ/7	185	250	3769	1850	1919	260	232	6"	229	449	678
A10MBZ/8	185	250	3954	2035	1919	260	232	6"	254	449	703
A10MBZ/9	200	300	4104	2220	1884	276	276	6"	279	616	895
A10MBZ/10	200	300	4289	2405	1884	276	276	6"	304	616	920

Manufactured for

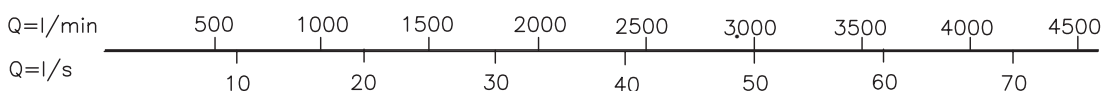
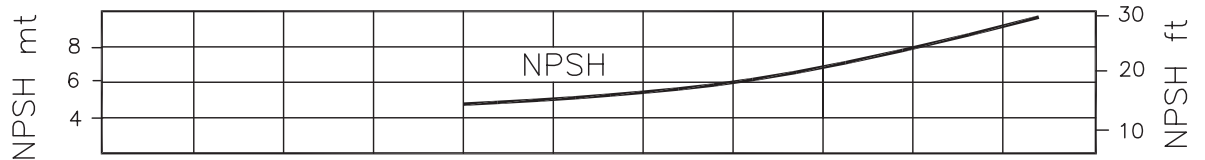
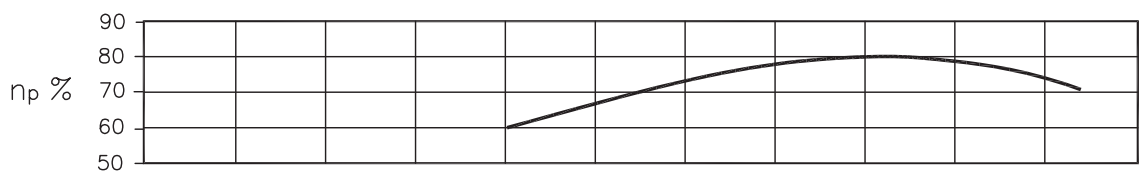
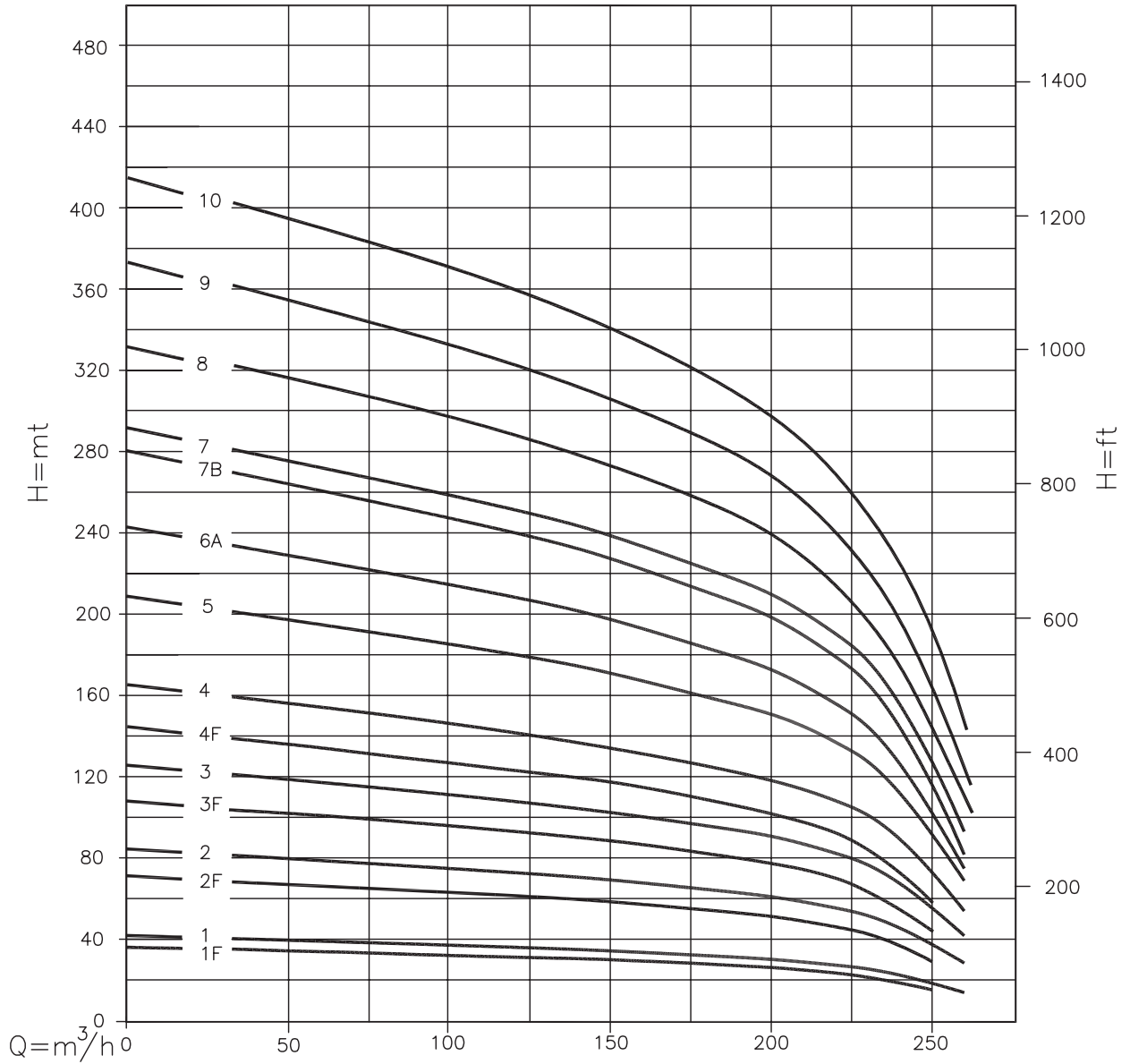
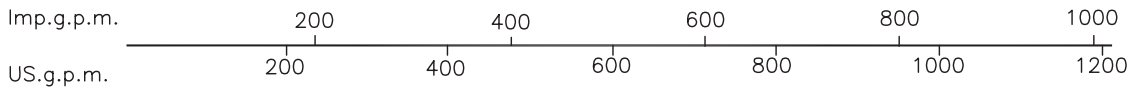


by **ANAVALOS PUMPS**

Performances range at 2900 r.p.m

A10MB

50Hz



CURVE No 2.5.10.029.1

Manufactured for



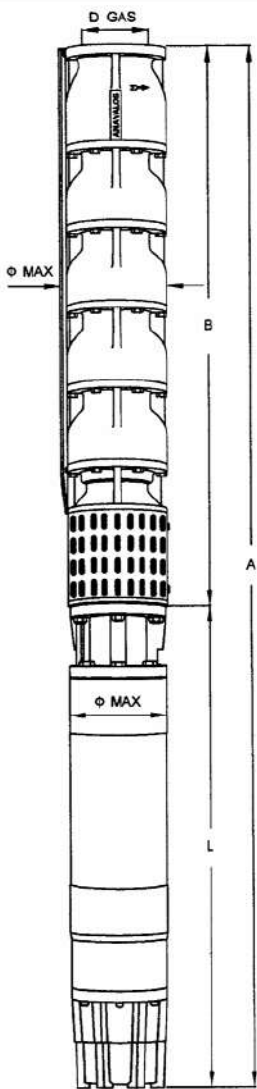
by



Performances range at 2900 r.p.m

A10MC 50Hz

PUMP-MOTOR	CAPACITY								
	m ³ /h	0	100	150	200	250	270	300	330
	l/min	0	1667	2500	3333	4167	4500	5000	5500
	l/s	0	27,8	41,7	55,6	69,4	75,0	83,3	91,7
A10MC/1H 8 - 30	8" Total manometric head in metres	38	34	31	28	24	22	17	
A10MC/1 8 - 40		45	41	38	35	31	29	24	19
A10MC/2H 8 - 60		75	67	62	55	48	44	34	
A10MC/2 8 - 75		89	80	75	69	61	57	48	37
A10MC/3H 8 - 90		114	100	93	83	71	65	52	
A10MC/3E 8 - 100		121	107	100	90	78	72	59	
A10MC/3 8 - 125		133	120	112	103	91	84	71	54
A10MC/4A 10 - 150		173	156	146	133	118	109	91	63
A10MC/5C 10 - 175		208	186	174	158	139	129	106	
A10MC/5 10 - 200		221	199	187	172	153	142	119	91
A10MC/6 10 - 250		265	238	223	204	182	170	143	109
A10MCZ/7 12 - 300		309	278	260	239	211	196	165	128
A10MCZ/8B 12-300		330	301	283	261	232	217	185	136



PUMP TYPE	MOTOR POWER		DIMENSIONS						WEIGHT IN KG		
	KW	HP	A	B	L	Ø		D GAS	PUMP	MOTOR	TOTAL
						Pump	Motor				
A10MC/1H	22	30	1880	740	1140	255	189	6"	79	140	219
A10MC/1	30	40	1880	740	1140	255	189	6"	79	140	219
A10MC/2H	45	60	2155	925	1230	255	189	6"	104	156	260
A10MC/2	55	75	2265	925	1340	255	189	6"	104	179	283
A10MC/3H	67	90	2580	1110	1470	255	189	6"	129	198	327
A10MC/3E	75	100	2670	1110	1560	255	189	6"	129	215	344
A10MC/3	93	125	2850	1110	1740	255	189	6"	129	247	376
A10MC/4A	110	150	2824	1295	1529	260	232	6"	154	315	469
A10MC/5C	130	175	3139	1480	1659	260	232	6"	179	362	541
A10MC/5	150	200	3249	1480	1769	260	232	6"	179	413	592
A10MC/6	185	250	3584	1665	1919	260	232	6"	204	449	653
A10MCZ/7	220	300	3734	1850	1884	276	276	6"	229	616	845
A10MCZ/8B	220	300	3919	2035	1884	276	276	6"	254	616	870

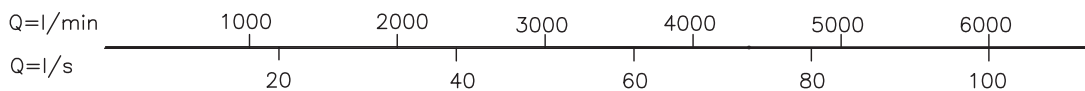
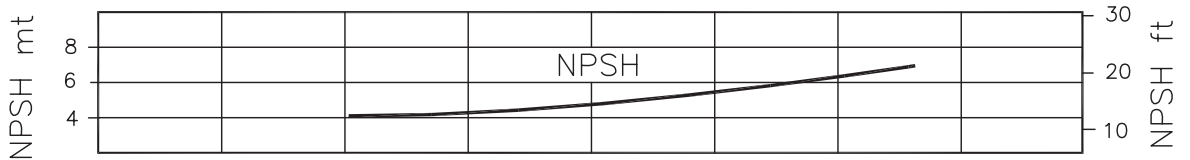
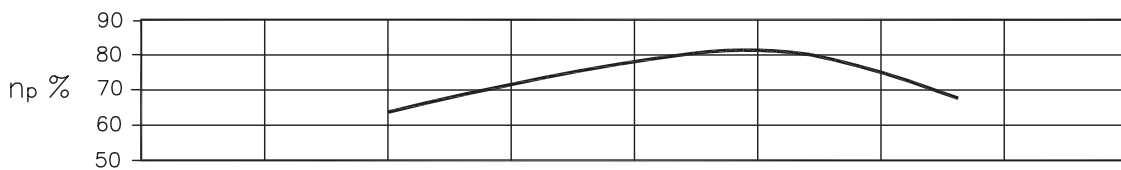
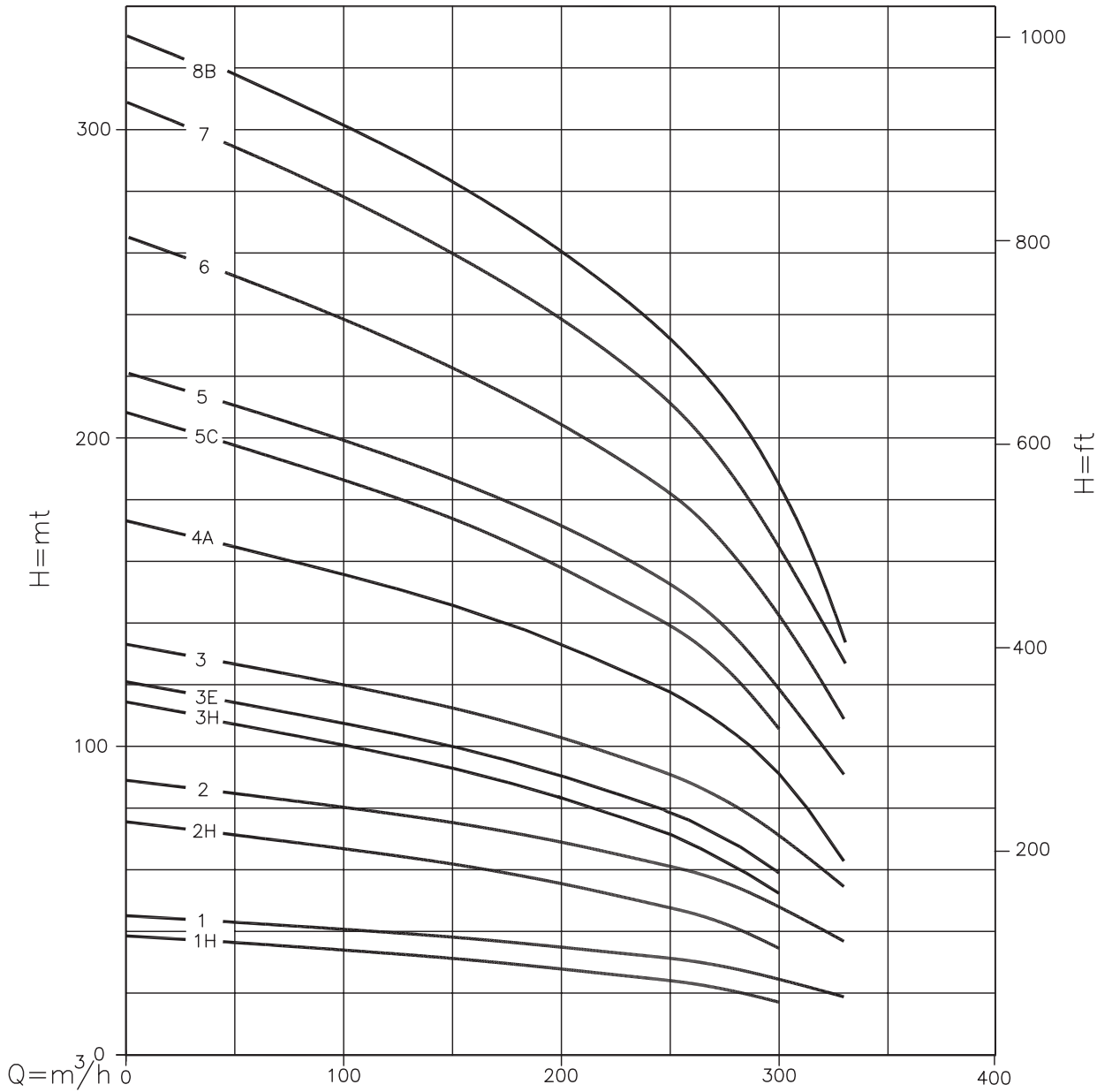
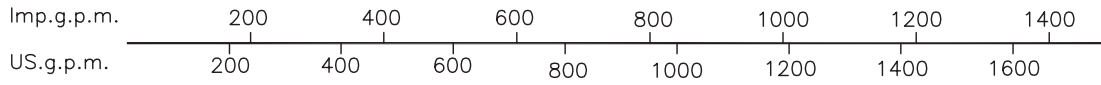
Manufactured for



by **ANAVALOS PUMPS**

Performances range at 2900 r.p.m

A10MC 50Hz



Manufactured for



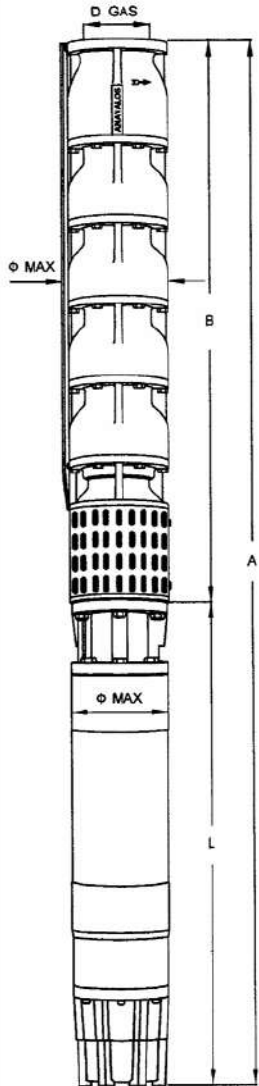
by



Performances range at 2900 r.p.m

A10MD 50Hz

PUMP-MOTOR		CAPACITY								
		m3/h	0	150	200	250	300	350	400	420
		l/min	0	2500	3333	4167	5000	5833	6666	7000
		l/s	0	41,7	55,6	69,4	83,3	97,2	111,1	116,7
A10MD/1K 8 - 40	8"	H = m	40	32	30	27	23	18		
A10MD/1 8 - 50			47	41	38	35	32	27	20	17
A10MD/2K 8 - 75			79	65	60	54	47	37		
A10MD/2D 8 - 90			89	75	70	64	57	46	33	
A10MD/2 8 - 100			94	81	76	70	64	54	41	34
A10MD/3F 8 - 125			127	106	98	89	79	64	43	
A10MD/3 10 - 150	10"	Total manometric head in metres	141	122	114	106	95	81	61	51
A10MD/4D 10 - 175			176	149	139	127	113	93	66	
A10MD/4 10 - 200			188	162	152	140	126	108	81	68
A10MD/5D 10 - 250			221	188	175	160	142	119	85	
A10MD/5 10 - 250										
A10MD/6 12 - 300	12"									
			281	243	228	210	189	161	121	103



PUMP TYPE	MOTOR POWER		DIMENSIONS							WEIGHT IN KG		
	KW	HP	A	B	L	Ø		D GAS	PUMP	MOTOR	TOTAL	
						Pump	Max Motor					
A10MD/1K	8"	30	40	1880	740	1140	255	189	6"	79	140	219
A10MD/1		37	50	1880	740	1140	255	189	6"	79	140	219
A10MD/2K		55	75	2265	925	1340	255	189	6"	104	179	283
A10MD/2D		67	90	2395	925	1470	255	189	6"	104	198	302
A10MD/2		75	100	2485	925	1560	255	189	6"	104	215	319
A10MD/3F		93	125	2850	1110	1740	255	189	6"	129	247	376
A10MD/3	10"	110	150	2639	1110	1529	260	232	6"	129	315	444
A10MD/4D		130	175	2954	1295	1659	260	232	6"	154	362	516
A10MD/4		150	200	3064	1295	1769	260	232	6"	154	413	567
A10MD/5D		185	250	3399	1480	1919	260	232	6"	179	449	628
A10MD/5		185	250	3399	1480	1919	260	232	6"	179	449	628
A10MD/6	12"	220	300	3549	1665	1884	276	276	6"	204	616	820

Manufactured for



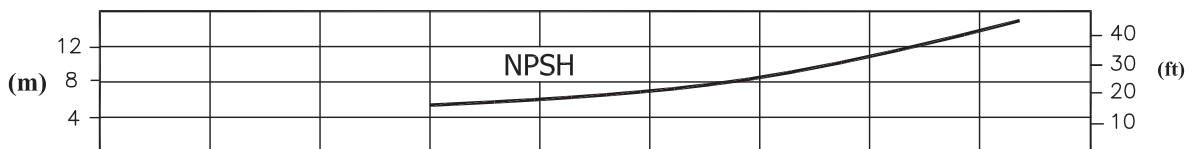
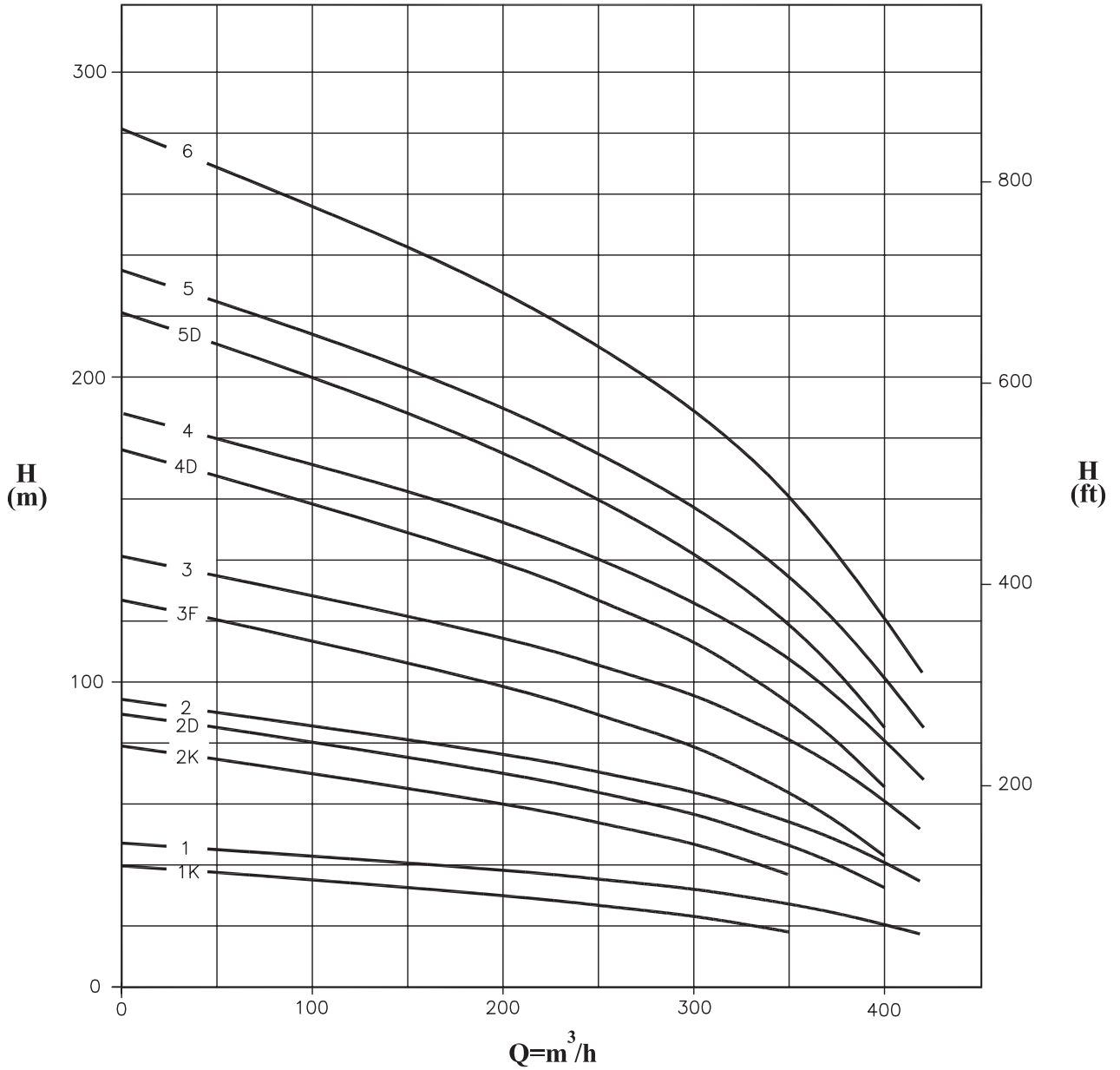
by **ANAVALOS PUMPS**

Performances range at 2900 r.p.m

A10MD 50Hz

Imp.g.p.m
US.g.p.m

400 800 1200 1600
400 800 1200 1600



Q=l/min 1000 2000 3000 4000 5000 6000 7000
Q=l/s 20 40 60 80 100 120

Manufactured for

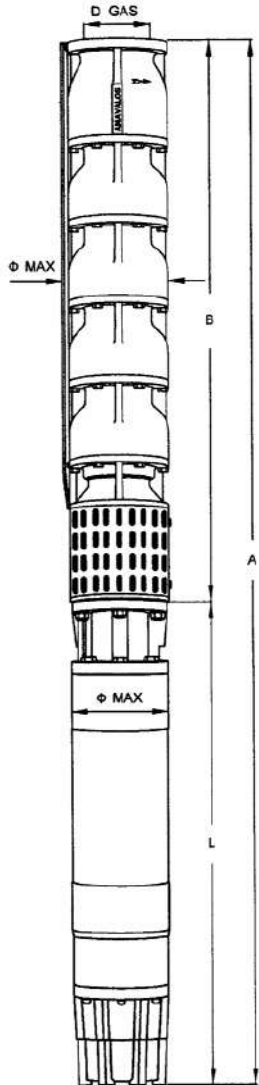


Archimedes
Pump

by **ANAVALOS**
PUMPS

Performances range at 2900 r.p.m

A12MC 50Hz



PUMP-MOTOR	CAPACITY										
	m3/h	0	250	300	350	400	450	500	550	600	
	l/min	0	4167	5000	5833	6666	7500	8333	9166,3	10000	
	l/s	0	69,4	83,3	97,2	111,1	125,0	138,9	152,8	166,7	
A12MC/1K 8 - 75	8"	H = m Total manometric head in metres	52	40	37	34	32	29	25	17	
A12MC/1 8 - 100			62	50	47	44	42	40	36	31	24
A12MC/2K 10 - 150	10"		104	79	74	70	64	58	50	36	
A12MC/2D 10 - 175			116	90	86	81	76	69	62	48	
A12MC/2 10 - 200			124	99	94	90	84	79	72	61	48
A12MC/3F 10 - 250	12"		167	129	123	116	108	100	90	69	
A12MC/3 12 - 300			186	148	141	135	126	119	109	92	72
A12MC/4D 12 - 350			230	179	171	161	151	140	127	102	
A12MC/4 12 - 400			248	197	189	179	169	158	146	125	97

PUMP TYPE	MOTOR POWER		DIMENSIONS						WEIGHT IN KG			
	KW	HP	A	B	L	∅		D GAS	PUMP	MOTOR	TOTAL	
						Pump	Max Motor					
A12MC/1K	8"	55	75	2280	940	1340	300	189	8"	150	179	329
A12MC/1		75	100	2500	940	1560	300	189	8"	150	215	365
A12MC/2K	10"	110	150	2684	1155	1529	305	232	8"	180	315	495
A12MC/2D		130	175	2814	1155	1659	305	232	8"	180	362	542
A12MC/2		150	200	2924	1155	1769	305	232	8"	180	413	593
A12MC/3F	12"	185	250	3289	1370	1919	305	232	8"	210	449	659
A12MC/3		220	300	3254	1370	1884	305	276	8"	210	616	826
A12MC/4D		260	350	3619	1585	2034	305	276	8"	240	680	920
A12MC/4		300	400	3769	1585	2184	305	276	8"	240	745	985

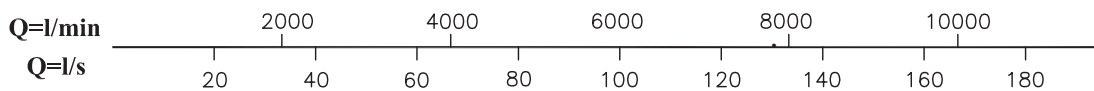
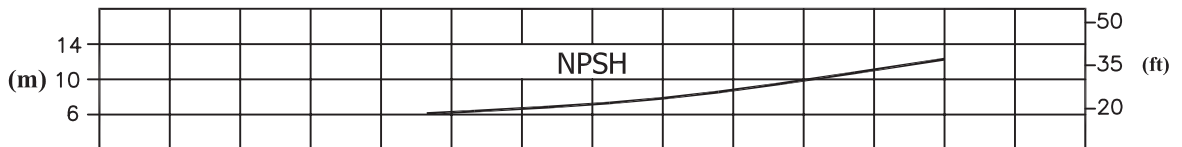
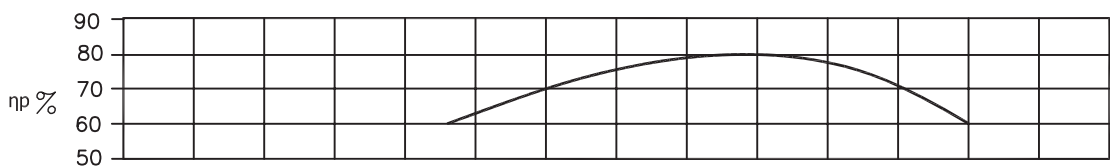
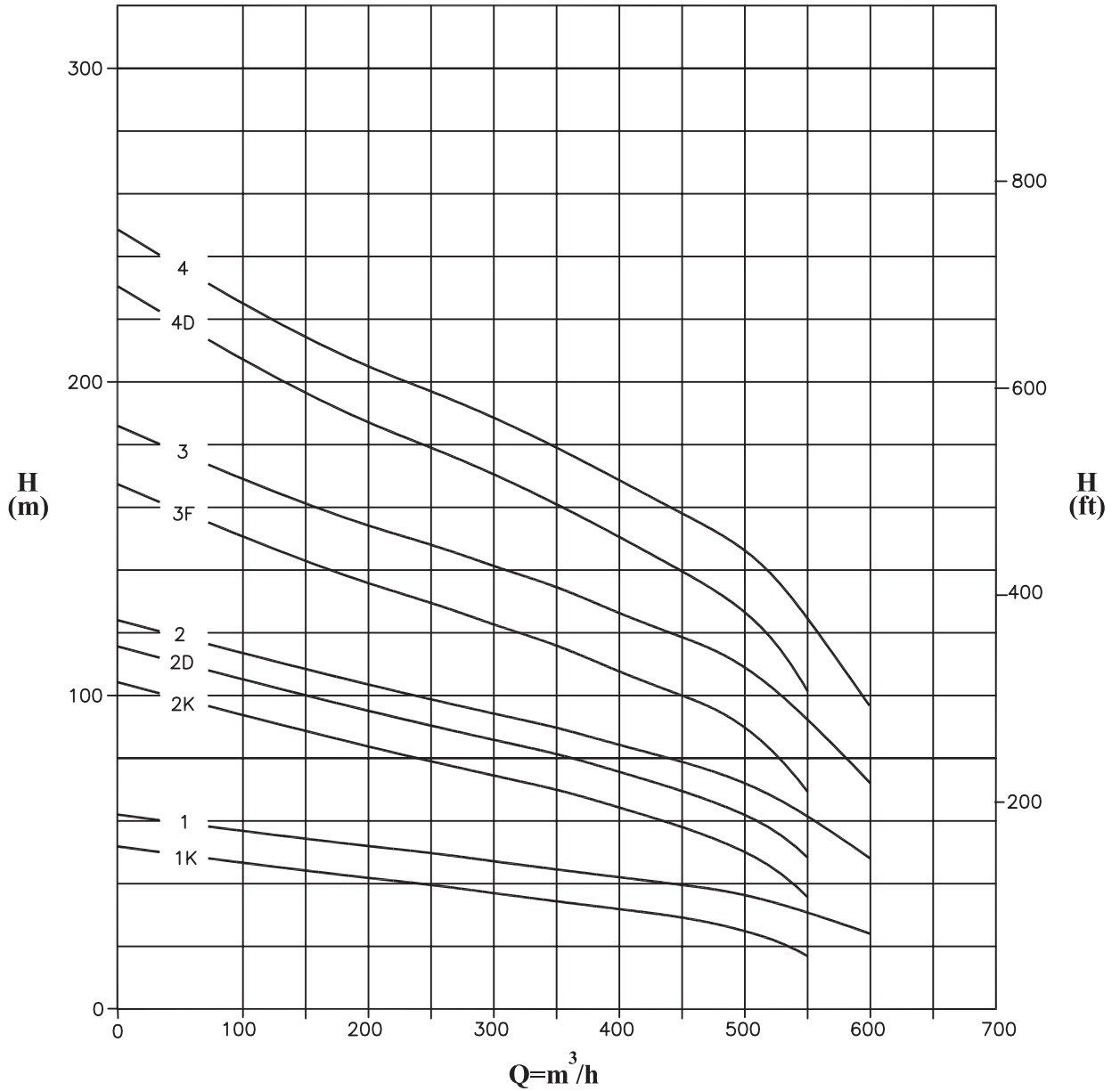
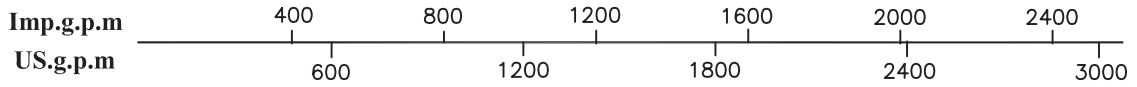
Manufactured for



by **ANAVALOS PUMPS**

Performances range at 2900 r.p.m

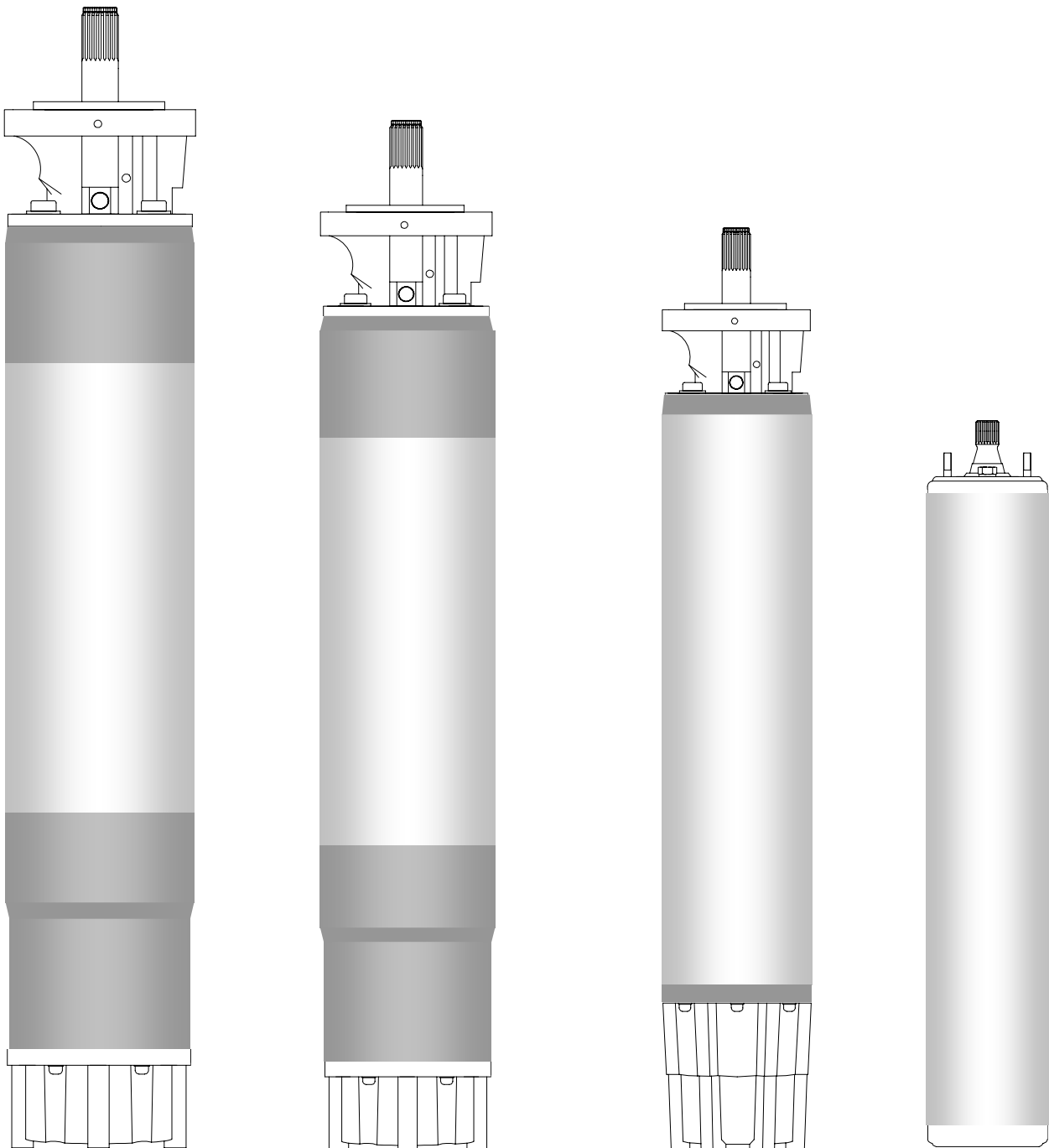
A12MC 50Hz



Manufactured for



SPECIFICATIONS OF REWINDABLE AND CANED TYPE SUBMERSIBLE MOTORS



Manufactured for



SPECIFICATIONS

REWINDABLE MOTORS 6"- THREE PHASE / 50HZ

PN	PN	UN	nN	iN	iA	n(%)			cos φ			MA MN	Αξ. φορτίο Axial thtust
						50	75	100	50	75	100		
4,0	5,5	380	2910	10,4	48	71,0	75,0	76,0	0,59	0,71	0,78	1,2	15500 Nt
		400	2930	10,6	51	68,0	73,0	76,0	0,53	0,65	0,73		
		415	2930	10,9	53	65,0	72,0	76,0	0,50	0,61	0,69		
5,5	7,5	380	2860	13,7	48	74,0	76,0	75,0	0,67	0,78	0,83	0,8	15500 Nt
		400	2890	13,3	51	72,0	76,0	76,0	0,62	0,74	0,81		
		415	2890	13,4	53	71,0	75,0	75,0	0,59	0,71	0,78		
7,5	10,0	380	2860	18,3	59	77,0	78,0	76,0	0,70	0,80	0,84	0,8	15500 Nt
		400	2880	17,7	63	75,0	78,0	77,0	0,65	0,76	0,82		
		415	2890	17,7	65	73,0	77,0	77,0	0,61	0,73	0,80		
9,3	12,5	380	2850	22,0	74	79,0	80,0	79,0	0,71	0,80	0,86	0,8	15500 Nt
		400	2870	21,4	78	78,0	79,0	78,0	0,64	0,76	0,82		
		415	2880	21,2	81	76,0	79,0	78,0	0,60	0,72	0,80		
11,0	15,0	380	2860	25,8	93	78,0	80,0	78,0	0,71	0,80	0,85	0,9	15500 Nt
		400	2880	25,2	98	77,0	80,0	79,0	0,65	0,76	0,83		
		415	2890	25,1	102	75,0	78,0	79,0	0,61	0,73	0,80		
13,0	17,5	380	2880	30,1	118	80,0	81,0	80,0	0,68	0,79	0,84	1,0	15500 Nt
		400	2900	29,6	125	78,0	80,0	80,0	0,61	0,74	0,81		
		415	2900	29,7	130	76,0	79,0	80,0	0,57	0,70	0,78		
15,0	20,0	380	2880	33,9	140	81,0	82,0	81,0	0,71	0,81	0,85	1,1	15500 Nt
		400	2890	33,1	148	79,0	81,0	81,0	0,65	0,77	0,83		
		415	2900	33,0	154	77,0	80,0	81,0	0,60	0,73	0,81		
18,5	25,0	380	2860	42,3	172	81,0	82,0	81,0	0,68	0,78	0,84	1,2	15500 Nt
		400	2880	42,0	182	78,0	81,0	81,0	0,61	0,74	0,80		
		415	2890	42,5	189	76,0	79,0	80,0	0,57	0,70	0,77		
22,0	30,0	380	2880	49,1	218	82,0	84,0	83,0	0,68	0,78	0,84	1,3	15500 Nt
		400	2900	49,0	231	80,0	82,0	82,0	0,61	0,73	0,80		
		415	2910	49,6	240	77,0	81,0	82,0	0,56	0,69	0,77		
26,0	35,0	380	2880	57,5	268	83,0	84,0	83,0	0,68	0,79	0,86	1,4	15500 Nt
		400	2900	56,7	284	81,0	83,0	83,0	0,61	0,74	0,83		
		415	2910	57,3	296	78,0	82,0	82,0	0,56	0,69	0,80		
30,0	40,0	380	2900	66,4	328	82,0	84,0	83,0	0,67	0,78	0,84	1,4	27500 Nt
		400	2910	66,4	347	80,0	83,0	83,0	0,60	0,73	0,80		
		415	2910	67,5	361	77,0	81,0	82,0	0,55	0,68	0,77		
37,0	50,0	380	2890	82,0	409	83,0	84,0	83,0	0,67	0,78	0,85	1,6	27500 Nt
		400	2900	81,9	433	80,0	83,0	83,0	0,60	0,72	0,80		
		415	2910	83,9	450	77,0	81,0	82,0	0,55	0,68	0,76		

Performance is typical not guaranteed at specified voltage

* Locked rotor Amp for Star - Delta starting is 33% of value shown

PN : Ισχύς - Power

UN : Τάση - Voltage

nN : Στροφές/λεπτό - RPM

iN : Ενταση λειτουργίας - Operation current

iA : Ενταση εκκινήσεως - Starting current

n% : Βαθμός αποδόσεως % - Efficiency %

cos φ : Συντελεστής ισχύος % - Power factor %

MA : Ροπή εκκινήσεως - Starting torque

MN : Ονομαστική σύμπλεξη - Nominal coupling

SPECIFICATIONS

REWINDABLE MOTORS 8"- THREE PHASE / 50HZ

PN	PN	UN	nN	iN	iA	n(%)			cos φ			MA MN	Axial thrust
						50	75	100	50	75	100		
kw	PS	V	r.p.m.	A	A								
30	40	380	2880	63	300	83,5	84,4	83,1	0,89	0,88	0,89	1,27	45000 Nt
		400	2900	60	318	83,6	85,0	84,3	0,80	0,86	0,89	1,42	
		415	2910	58	332	83,5	85,2	84,9	0,77	0,89	0,88	1,54	
37	50	380	2890	79	378	84,6	85,3	83,9	0,80	0,86	0,88	1,27	45000 Nt
		400	2900	76	400	83,9	85,2	84,6	0,74	0,82	0,86	1,44	
		415	2910	75	412	82,6	84,5	84,3	0,70	0,80	0,84	1,57	
45	60	380	2900	93	491	85,8	86,4	85,2	0,79	0,86	0,88	1,46	45000 Nt
		400	2910	90	520	85,3	86,5	85,9	0,74	0,82	0,86	1,63	
		415	2910	89	541	84,5	86,2	85,8	0,69	0,79	0,84	1,78	
52	70	380	2900	107	575	86,5	86,7	85,3	0,81	0,87	0,89	1,62	45000 Nt
		400	2910	103	608	86,4	87,1	86,2	0,76	0,84	0,87	1,82	
		415	2920	101	633	85,6	87,0	86,7	0,71	0,80	0,85	1,98	
55	75	380	2900	114	624	86,5	86,9	85,7	0,78	0,85	0,88	1,65	45000 Nt
		400	2915	110	660	85,9	87,0	86,4	0,72	0,82	0,86	1,88	
		415	2920	109	688	84,8	86,4	86,2	0,67	0,78	0,84	2,02	
60	80	380	2900	122	698	87,2	87,6	86,5	0,81	0,87	0,89	1,61	45000 Nt
		400	2910	116	725	86,8	87,7	87,0	0,77	0,84	0,88	1,81	
		415	2920	115	768	86,1	87,4	87,1	0,73	0,82	0,86	1,96	
67	90	380	2900	137	759	87,2	87,6	86,4	0,79	0,86	0,89	1,60	45000 Nt
		400	2910	133	797	86,5	87,5	86,9	0,74	0,82	0,86	1,80	
		415	2920	131	828	85,6	87,0	86,6	0,69	0,79	0,84	1,95	
75	100	380	2900	154	892	86,7	87,1	85,9	0,79	0,86	0,89	1,70	45000 Nt
		400	2910	148	942	86,2	87,3	86,7	0,74	0,83	0,87	1,92	
		415	2920	147	982	85,4	86,9	86,6	0,69	0,79	0,84	2,08	
83	111	380	2910	166	1019	87,8	88,3	87,2	0,81	0,87	0,89	1,76	45000 Nt
		400	2920	160	1077	87,5	88,4	87,6	0,77	0,84	0,88	1,99	
		415	2925	156	1120	87,2	88,4	88,0	0,73	0,82	0,86	2,15	
93	125	380	2910	188	1186	87,8	88,4	87,5	0,77	0,85	0,88	1,82	45000 Nt
		400	2920	183	1276	87,2	88,3	87,8	0,71	0,81	0,86	2,05	
		415	2930	184	1308	86,2	87,8	87,7	0,65	0,76	0,83	2,22	

Performance is typical not guaranteed at specified voltage

* Locked rotor Amp for Star - Delta starting is 33% of value shown

PN : Ισχύς - Power

UN : Τάση - Voltage

nN : Στροφές/λεπτό - RPM

iN : Ενταση λειτουργίας - Operation current

iA : Ενταση εκκινήσεως - Starting current

n% : Βαθμός αποδόσεως % - Efficiency %

cos φ : Συντελεστής ισχύος % - Power factor %

MA : Ροπή εκκινήσεως - Starting torque

MN : Ονομαστική σύμπλεξη - Nomimal coupling

Manufactured for



SPECIFICATIONS

REWINDABLE MOTORS 10"- THREE PHASE / 50HZ

PN kw	PN PS	UN V	nN r.p.m.	iN A	IA A	n(%)			cos φ			MA MN	Axial thrust
						50	75	100	50	75	100		
85	115	380	2890	179	783	85	86	85	0,78	0,85	0,87	1,00	60000 Nt
		400	2900	174	828	83	85	85	0,72	0,81	0,85	1,12	
		415	2910	171	863	83	85	85	0,68	0,78	0,83	1,22	
110	150	380	2910	235	1095	86	87	86	0,72	0,81	0,85	1,16	60000 Nt
		400	2920	232	1158	84	86	86	0,65	0,76	0,82	1,30	
		415	2920	233	1206	83	85	86	0,59	0,71	0,79	1,41	
130	175	380	2900	266	1271	88	88	87	0,79	0,85	0,87	1,14	60000 Nt
		400	2920	256	1344	87	88	88	0,74	0,82	0,86	1,28	
		415	2920	255	1400	87	88	87	0,69	0,78	0,83	1,39	
150	200	380	2910	307	1502	87	87	86	0,79	0,85	0,88	1,15	60000 Nt
		400	2920	298	1590	86	88	87	0,73	0,81	0,85	1,29	
		415	2930	296	1655	86	87	87	0,67	0,77	0,83	1,41	
185	250	380	2900	390	2030	87	88	87	0,72	0,81	0,85	1,50	60000 Nt
		400	2920	384	2148	86	88	88	0,64	0,75	0,81	1,69	
		415	2920	389	2237	84	86	86	0,57	0,70	0,79	1,83	

REWINDABLE MOTORS 12"- THREE PHASE / 50HZ

PN kw	PN PS	UN V	nN r.p.m.	iN A	n(%)			cos φ			MA MN	Axial thrust
					50	75	100	50	75	100		
220	300	380	2900	428	87	88	85	0,73	0,82	0,87	1,07	6600 Kg
260	350	380	2900	495	87	89	88	0,77	0,84	0,87	1,22	6600 Kg
300	400	380	2900	570	89	89	85	0,75	0,83	0,87	1,00	6600 Kg

Performance is typical not guaranteed at specified voltage

* Locked rotor Amp for Star - Delta starting is 33% of value shown

PN : Ισχύς - Power

UN : Τάση - Voltage

nN : Στροφές/λεπτό - RPM

iN : Ενταση λειτουργίας - Operation current

n% : Βαθμός αποδόσεως % - Efficiency %

cos φ : Συντελεστής ισχύος % - Power factor %

MA : Ροπή εκκινήσεως - Starting torque

MN : Ονομαστική σύμπλεξη - Nominal coupling

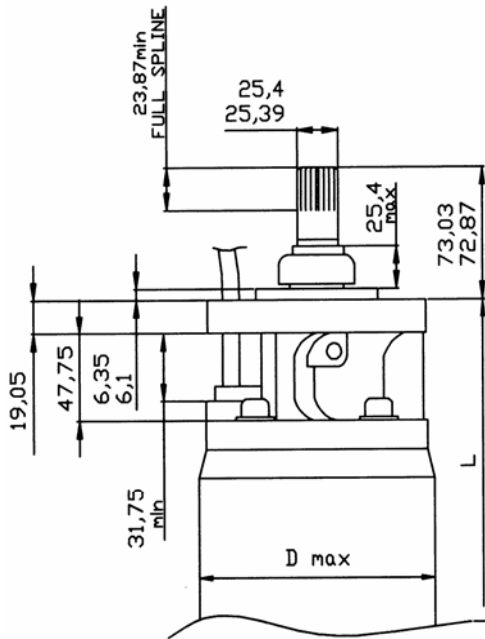
Manufactured for



DIMENSIONS AND WEIGHTS

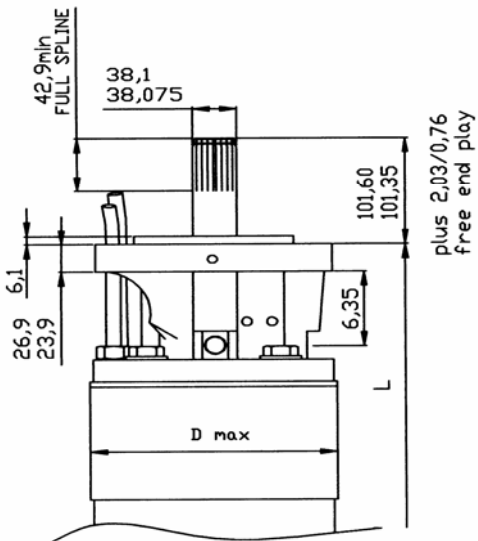
REWINDABLE MOTORS 6" and 8"

MOTOR 6"



ΙΣΧΥΣ POWER		L mm	D max mm	ΒΑΡΟΣ WEIGHT kg	ΑΞ.ΦΟΡΤΙΟ AXIAL THRUST Nt
KW	HP				
4,0	5,5	699	143	48	15500
5,5	7,5	699	"	48	15500
7,5	10	719	"	50	15500
9,3	12,5	749	"	53	15500
11	15	779	"	56	15500
13	17,5	829	"	61	15500
15	20	874	"	66	15500
18,5	25,0	919	"	70	15500
22	30	1009	"	79	15500
26	35	1114	"	90	15500
30	40	1214	"	100	27500
37	50	1294	"	107	27500

MOTOR 8"



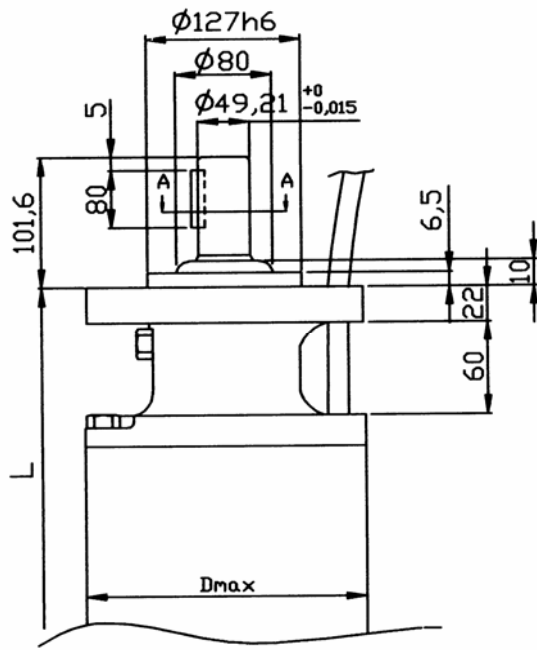
ΙΣΧΥΣ POWER		L mm	D max mm	ΒΑΡΟΣ WEIGHT kg	ΑΞ.ΦΟΡΤΙΟ AXIAL THRUST Nt
KW	HP				
30	40	1140	189	140	45000
37	50	1140	"	140	45000
45	60	1230	"	156	45000
52	70	1340	"	179	45000
55	75	1340	"	179	45000
60	80	1470	"	198	45000
67	90	1470	"	198	45000
75	100	1560	"	215	45000
83	110	1560	"	247	45000
93	125	1740	"	247	45000

Manufactured for by ISO 9001:2008

DIMENSIONS AND WEIGHTS

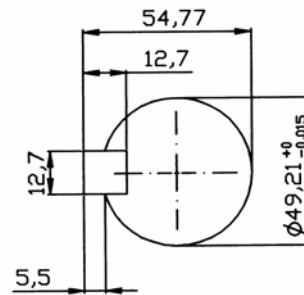
REWINDABLE MOTORS 10" and 12"

MOTOR 10"

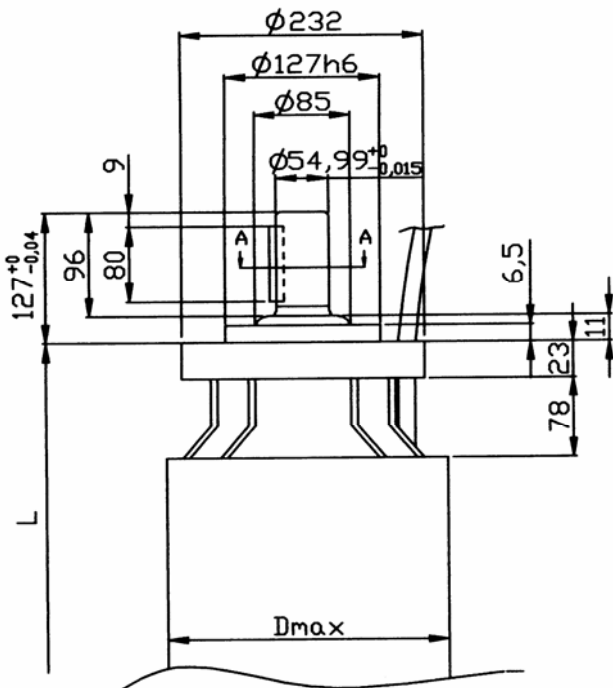


POWER		L mm	D max mm	WEIGHT kg	AXIAL THRUST Nt
KW	HP				
85	115	1419	232	280	60000
110	150	1529	"	315	60000
130	175	1659	"	362	60000
150	200	1769	"	413	60000
185	250	1919	"	449	60000

TOMH SECTION A - A

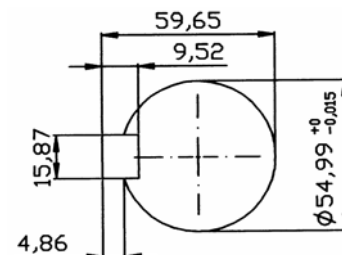


MOTOR 12"



POWER		L mm	D max mm	WEIGHT kg	AXIAL THRUST Kg
KW	HP				
220	300	1884	276	616	6600
260	350	2034	"	680	6600
300	400	2184	"	745	6600

TOMH SECTION A - A



Manufactured for



SPECIFICATIONS

CANED TYPE MOTORS 4"- SINGLE PHASE / 50Hz

PN kw	PN PS	UN V	nN r.p.m.	iN A	iA A	n(%)			cos φ			MA MN	Axial thrust
						50	75	100	50	75	100		
0,25	0,33	220	2900	2,9	12,0	45	53	57	0,50	0,60	0,69	1,69	1500Nt
		230	2900	2,8	11,5	45	53	57	0,50	0,60	0,69	1,69	
0,37	0,50	220	2890	4,2	15,1	51	59	62	0,52	0,64	0,73	1,66	1500Nt
		230	2890	4,0	14,4	51	59	62	0,52	0,64	0,73	1,66	
0,55	0,75	220	2900	6,3	24,1	52	59	63	0,48	0,59	0,69	1,50	1500Nt
		230	2900	6,0	23,1	52	59	63	0,48	0,59	0,69	1,50	
0,75	1,0	220	2890	7,6	29,6	56	62	64	0,54	0,66	0,75	1,64	1500Nt
		230	2890	7,3	28,3	56	62	64	0,54	0,66	0,75	1,64	
1,10	1,50	220	2890	9,6	41,4	58	65	68	0,59	0,71	0,80	1,62	3000Nt
		230	2890	8,9	39,6	58	65	68	0,59	0,71	0,80	1,62	
1,50	2,0	220	2875	11,6	55,8	60	66	68	0,71	0,81	0,88	1,69	3000Nt
		230	2875	11,1	53,4	60	66	68	0,71	0,81	0,88	1,69	
2,20	3,0	220	2885	16,7	84,0	61	68	70	0,72	0,82	0,88	1,89	4000Nt
		230	2885	15,9	88,0	61	68	70	0,72	0,82	0,88	1,89	

CANED TYPE MOTORS 4"- THREE PHASE / 50 Hz

PN kw	PN PS	UN V	nN r.p.m.	iN A	iA A	n(%)			cos φ			MA MN	Axial thrust
						50	75	100	50	75	100		
0,37	0,50	380	2840	1,1	4,4	59	64	66	0,57	0,69	0,76	1,9	1500Nt
		400	2865	1,1	4,7	56	63	66	0,53	0,65	0,70	2,1	
		415	2875	1,2	4,9	54	62	66	0,49	0,60	0,76	2,3	
0,55	0,75	380	2830	1,6	6,0	61	67	67	0,59	0,72	0,80	1,6	1500Nt
		400	2855	1,6	6,4	58	64	67	0,54	0,67	0,75	1,8	
		415	2870	1,7	6,6	55	63	66	0,50	0,63	0,80	1,9	
0,75	1,00	380	2850	2,1	8,9	63	68	70	0,57	0,70	0,79	1,9	1500Nt
		400	2870	2,1	9,3	60	67	69	0,52	0,65	0,75	2,1	
		415	2880	2,2	9,8	57	65	68	0,49	0,61	0,71	2,4	
1,10	1,50	380	2820	3,0	13,8	69	72	72	0,59	0,73	0,81	2,5	3000Nt
		400	2840	3,0	14,5	66	71	73	0,53	0,67	0,76	2,9	
		415	2860	3,1	15,3	64	70	72	0,49	0,62	0,72	3,1	
1,50	2,00	380	2840	3,9	18,6	69	72	73	0,59	0,72	0,81	2,3	3000Nt
		400	2855	4,0	19,2	66	71	73	0,53	0,66	0,76	2,5	
		415	2870	4,1	20,2	63	69	72	0,48	0,61	0,72	2,8	
2,20	3,00	380	2815	5,8	28,7	72	75	75	0,58	0,72	0,81	2,9	4000Nt
		400	2840	5,9	28,9	69	73	75	0,51	0,64	0,75	3,1	
		415	2870	6,3	30,8	66	71	73	0,45	0,59	0,69	3,5	
3,00	4,00	380	2830	7,5	39,9	73	76	76	0,58	0,72	0,81	2,8	4000Nt
		400	2850	7,8	41,6	70	74	76	0,51	0,65	0,75	3,2	
		415	2860	8,2	43,3	67	73	75	0,46	0,59	0,70	3,4	

Manufactured for



SPECIFICATIONS

CANED TYPE MOTORS 4"- THREE PHASE H.T./ 50 Hz

PN kw	PN PS	UN V	nN r.p.m.	iN A	iA A	n(%)			cos φ			MA MN	Axial thrust
						50	75	100	50	75	100		
2,2	3,0	220	2815	10,0	49,9	72	75	75	0,58	0,72	0,81	2,9	6500Nt
		230	2840	10,2	50,3	69	73	75	0,51	0,64	0,75	3,1	
		380	2815	5,8	28,7	72	75	75	0,58	0,72	0,81	2,9	
		400	2840	5,9	28,9	69	73	75	0,51	0,64	0,75	3,1	
		415	2870	6,3	30,8	66	71	73	0,45	0,59	0,69	3,5	
		500	2815	4,4	21,8	72	75	75	0,58	0,72	0,81	2,9	
3,0	4,0	220	2830	13,0	67,5	73	76	76	0,58	0,72	0,81	2,9	6500Nt
		230	2850	13,5	69,4	70	74	76	0,51	0,65	0,75	3,3	
		380	2830	7,5	39,9	73	76	76	0,58	0,72	0,81	3,1	
		400	2850	7,8	41,6	70	74	76	0,51	0,65	0,75	3,4	
		415	2860	8,2	43,3	67	73	75	0,46	0,59	0,70	3,7	
		500	2830	5,7	30,3	73	76	76	0,58	0,72	0,82	3,1	
3,7	5,0	220	2830	15,9	79,5	75	78	77	0,64	0,76	0,84	3,0	6500Nt
		230	2850	15,8	82,8	73	77	77	0,55	0,70	0,79	3,3	
		380	2830	9,0	46	75	78	77	0,64	0,76	0,84	2,8	
		400	2850	9,1	49	73	77	77	0,55	0,70	0,79	3,1	
		415	2860	9,4	50	71	76	76	0,51	0,64	0,74	3,4	
		500	2830	6,8	35	75	78	77	0,64	0,76	0,84	2,8	
4,0	5,5	220	2835	17,1	95	75	78	77	0,63	0,76	0,84	3,0	6500Nt
		230	2855	17,3	99	73	77	78	0,56	0,69	0,78	3,4	
		380	2835	9,8	55	75	78	77	0,63	0,76	0,84	3,0	
		400	2855	10,0	58	73	77	78	0,56	0,69	0,78	3,4	
		415	2870	10,3	60	71	76	77	0,50	0,63	0,73	3,6	
		500	2835	7,5	42	75	78	77	0,63	0,76	0,84	3,0	
5,5	7,5	220	2830	23,7	125	73	76	76	0,64	0,76	0,84	2,6	6500Nt
		230	2850	23,7	129	71	75	76	0,57	0,70	0,79	2,9	
		380	2830	13,5	72	73	76	76	0,64	0,76	0,84	2,5	
		400	2850	13,7	76	71	75	76	0,57	0,70	0,79	2,8	
		415	2860	14,2	79	69	74	75	0,52	0,65	0,74	3,0	
		500	2830	10,4	55	73	76	76	0,64	0,76	0,84	2,5	
7,5	10,0	380	2800	18,3	97	70	74	77	0,53	0,65	0,84	3,2	6500Nt
		400	2820	18,4	102	70	73	74	0,47	0,57	0,79	3,6	
		415	2820	17,4	96	74	77	77	0,56	0,70	0,79	3,2	

For start-delta starting : iAx 0,33

Manufactured for



ISO 9001:2008

SPECIFICATIONS

CANED TYPE MOTORS 6"- THREE PHASE / 50Hz

PN	PN	UN	nN	iN	iA	n(%)			cos φ			MA MN	Axial thrust
						50	75	100	50	75	100		
kw	PS	V	r.p.m.	A	A								
4,0	5,5	220	2840	16,4	73	76	78,5	77	0,70	0,80	0,85	1,4	15500 Nt
		230	2860	16,1	75	74	77,5	78	0,62	0,74	0,82	1,6	
		380	2840	9,5	42	76	78,5	77	0,70	0,80	0,85	1,4	
		400	2860	9,3	43	74	77,5	78	0,62	0,74	0,82	1,6	
		415	2880	9,3	46	74,5	78	78,5	0,57	0,70	0,78	1,7	
		500	2840	7,2	32	76	78,5	77	0,70	0,80	0,85	1,4	
5,5	7,5	220	2850	22,1	104	77	79	78	0,70	0,80	0,85	1,6	15500 Nt
		230	2870	21,7	106	74	78	79	0,63	0,75	0,82	1,9	
		380	2850	12,8	60	77	79	78	0,70	0,80	0,85	1,6	
		400	2870	12,5	64	74	78	79	0,63	0,75	0,82	1,9	
		415	2880	12,8	66	74	77,5	78	0,58	0,70	0,78	1,9	
		500	2850	9,7	46	77	79	78	0,70	0,80	0,85	1,6	
7,5	10,0	220	2850	28,2	143	77,5	79,5	79	0,74	0,83	0,87	1,7	15500 Nt
		230	2860	27,7	144	75	78,5	79	0,70	0,81	0,86	1,9	
		380	2850	16,3	83	77,5	79,5	79	0,74	0,83	0,87	1,7	
		400	2860	16	83	75	78,5	79	0,70	0,81	0,86	1,9	
		415	2880	16,2	91	75	78,5	79	0,61	0,74	0,81	2,1	
		500	2850	12,4	63	77,5	79,5	79	0,74	0,83	0,87	1,7	
9,3	12,5	220	2870	36,4	183	79	81	81	0,71	0,81	0,86	2,0	15500 Nt
		230	2870	36	189	78	81	81	0,58	0,72	0,80	2,2	
		380	2870	21	106	79	81	81	0,71	0,81	0,86	2,0	
		400	2870	20,7	112	78	81	81	0,58	0,72	0,80	2,2	
		415	2890	21	116	74	79	80	0,55	0,70	0,78	2,4	
		500	2870	16	80	79	81	81	0,71	0,81	0,86	2,0	
11,0	15,0	220	2860	41,5	218	80	82	81	0,73	0,82	0,87	1,9	15500 Nt
		230	2860	40,4	224	78,5	81	81	0,68	0,79	0,85	2,1	
		380	2860	24	126	80	82	81	0,73	0,82	0,87	1,9	
		400	2860	23,3	129	78,5	81	81	0,68	0,79	0,85	2,1	
		415	2870	24,1	136	74,5	78,5	79,5	0,61	0,74	0,81	2,3	
		500	2860	18,2	96	80	82	81	0,73	0,82	0,87	1,9	
15,0	20,0	220	2850	55	283	81	83	82	0,76	0,84	0,86	2,1	15500 Nt
		230	2860	54,2	289	79	81,5	81	0,70	0,80	0,85	2,2	
		380	2850	32	164	81	83	82	0,76	0,84	0,86	2,1	
		400	2860	31,3	169	79	81,5	81	0,70	0,80	0,85	2,2	
		415	2870	31	179	77	81	81	0,65	0,77	0,83	2,4	
		500	2850	24,3	124	81	83	82	0,76	0,84	0,86	2,1	
18,5	25,0	220	2850	69,2	380	82	83	82	0,76	0,84	0,87	2,2	15500 Nt
		230	2860	66,7	392	80	82,5	82	0,68	0,79	0,85	2,6	
		380	2850	40	220	82	83	82	0,76	0,84	0,87	2,2	
		400	2850	38,5	231	80	82,5	82	0,68	0,79	0,85	2,5	
		415	2850	38,5	240	78,5	81,5	82	0,64	0,76	0,83	2,7	
		500	2850	30,5	168	82	83	82	0,76	0,84	0,87	2,2	
22,0	30,0	220	2840	81,2	441	82	83	82	0,78	0,86	0,88	2,1	15500 Nt
		230	2860	78,5	455	81	83	83	0,71	0,81	0,86	2,4	
		380	2840	47	255	82	83	82	0,78	0,86	0,88	2,1	
		400	2860	45,3	268	81	83	83	0,71	0,81	0,86	2,4	
		415	2870	45	278	79,5	82,5	82,5	0,66	0,78	0,84	2,5	
		500	2840	35,8	194	82	83	82	0,78	0,86	0,88	2,1	
30,0	40,0	220	2860	111	645	83	83,5	82,5	0,74	0,82	0,85	2,4	27500 Nt
		230	2860	107	670	80,5	83	83	0,67	0,79	0,84	2,6	
		380	2860	64,1	373	83	83,5	82,5	0,74	0,82	0,85	2,4	
		400	2860	63,5	393	80,5	83	83	0,67	0,79	0,84	2,6	
		415	2880	64,5	407	79	82	82,5	0,62	0,74	0,81	2,9	
		500	2860	49	283	83	83,5	82,5	0,74	0,82	0,85	2,4	
37,0	50,0	220	2840	138	675	81,5	83,5	83,5	0,77	0,84	0,86	2,0	27500 Nt
		230	2880	127	713	82,0	84,5	84,5	0,72	0,82	0,87	2,3	
		380	2840	80	390	81,5	83,5	83,5	0,77	0,84	0,86	2,0	
		400	2880	73	410	82	84,5	84,5	0,72	0,82	0,87	2,3	
		415	2890	73,5	426	81	84	84,7	0,68	0,79	0,85	2,5	
		500	2840	62,3	300	83	84,5	84	0,78	0,86	0,86	1,9	
45,0	60,0	380	2850	95,5	488	83,5	84	83	0,77	0,84	0,87	2,0	27500 Nt
		400	2870	93,9	514	82	84,5	86	0,70	0,80	0,84	2,2	
		415	2880	93,2	582	81	84	84,2	0,65	0,77	0,82	2,4	
		500	2850	72	363	84	85,5	85,5	0,77	0,83	0,86	1,9	

For start-delta starting : iAx0,33

Manufactured for  by     
 ISO 9001:2008

SPECIFICATIONS

CANED TYPE MOTORS 8"- THREE PHASE / 50Hz

PN	PN	UN	nN	iN	iA	n(%)			cos φ			MA	Axial thrust
kw	PS	V	r.p.m.	A	A	50	75	100	50	75	100	MN	
30	40	380	2890	61	397	85	86	86	0,75	0,84	0,88	2,4	45000Nt
		400	2900	61	418	83	86	86	0,68	0,78	0,84	2,6	
		415	2910	62	433	82	85	86	0,62	0,73	0,80	2,8	
		500	2890	47	302	85	86	86	0,75	0,84	0,88		
		525	2900	47	318	83	86	86	0,68	0,78	0,84		
37	50	380	2905	75	507	85	87	87	0,78	0,85	0,89	2,2	45000Nt
		400	2920	74	534	84	87	87	0,71	0,81	0,86	2,4	
		415	2925	74	554	83	86	87	0,66	0,76	0,83	2,6	
		500	2905	57	385	85	87	87	0,78	0,85	0,89		
		525	2920	57	404	84	87	87	0,71	0,81	0,86		
45	60	380	2910	89	612	86	87	87	0,77	0,85	0,89	2,5	45000Nt
		400	2920	89	645	85	87	87	0,71	0,81	0,85	2,7	
		415	2925	89	669	84	86	87	0,65	0,76	0,82	2,9	
		500	2910	68	466	86	87	87	0,77	0,85	0,89		
		525	2920	68	494	85	87	87	0,71	0,81	0,85		
55	75	380	2910	111	819	86	88	88	0,79	0,86	0,89	2,8	45000Nt
		400	2920	108	862	85	87	88	0,72	0,82	0,87	3,1	
		415	2925	108	895	84	87	88	0,67	0,78	0,84	3,3	
		500	2910	85	623	86	88	88	0,79	0,86	0,89		
		525	2920	83	661	85	87	88	0,72	0,82	0,87		
75	100	380	2920	148	1099	86	88	88	0,79	0,86	0,89	2,1	45000Nt
		400	2925	145	1157	85	87	87	0,72	0,82	0,87	2,3	
		415	2930	145	1200	84	87	87	0,67	0,78	0,84	2,5	
		500	2920	113	835	86	88	88	0,79	0,86	0,89		
		525	2925	111	861	85	87	87	0,72	0,82	0,87		
93	125	380	2920	194	1265	85	87	87	0,75	0,83	0,86	1,7	45000 Nt
		400	2930	190	1332	84	86	87	0,68	0,78	0,83	1,9	
		415	2935	191	1382	83	86	87	0,63	0,74	0,80	2,0	
		500	2920	148	961	85	87	87	0,75	0,83	0,86		
		525	2930	145	1015	84	86	87	0,68	0,78	0,83		
110	150	380	2920	226	1517	86	88	88	0,77	0,84	0,87	1,9	45000 Nt
		400	2930	222	1597	85	87	88	0,70	0,80	0,84	2,1	
		415	2935	223	1657	84	87	88	0,64	0,75	0,81	2,3	
		500	2920	172	1153	86	88	88	0,77	0,84	0,87		
		525	2930	170	1217	85	87	88	0,70	0,80	0,84		
130	175	380	2910	260	1651	86	87	87	0,83	0,87	0,89	2,0	45000 Nt
		400	2920	252	1738	86	87	88	0,79	0,84	0,87	2,2	
		415	2930	247	1803	85	87	88	0,74	0,81	0,86	2,7	
		500	2910	198	1255	86	87	87	0,83	0,87	0,89		
		525	2920	192	1324	86	87	88	0,79	0,84	0,87		
150	200	380	2910	294	1765	86	88	88	0,83	0,88	0,90	1,9	45000 Nt
		400	2920	284	1858	86	88	88	0,79	0,86	0,88	2,1	
		415	2930	277	1928	86	88	88	0,75	0,83	0,87	2,3	
		500	2910	224	1341	86	88	88	0,83	0,88	0,90		
		525	2920	217	1416	86	88	88	0,79	0,86	0,88		

For start-delta starting : iAx0,33

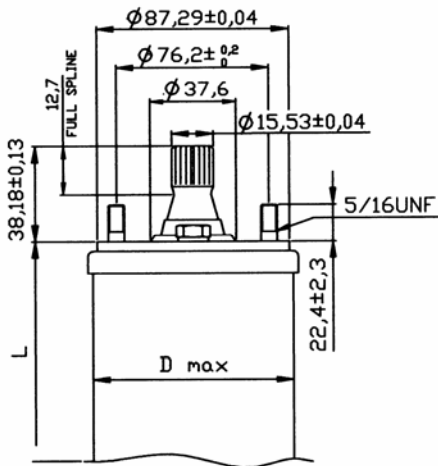
Manufactured for



DIMENSIONS AND WEIGHTS

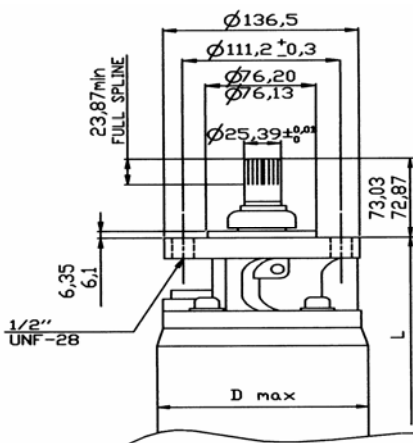
CANED TYPE MOTORS 4",6",8"

MOTOR 4"



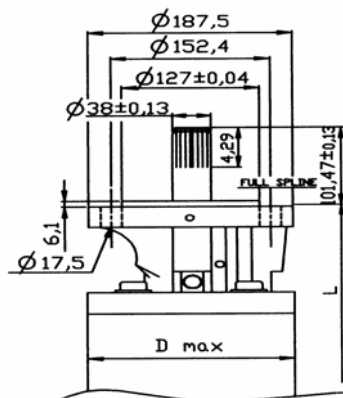
ΙΣΧΥΣ POWER		L mm	D max mm	WEIGHT kg	AXIAL THRUST Nt
KW	HP				
0,25	0,33	223	95	7,9	1500
0,37	0,50	242	"	8,7	1500
0,55	0,75	271	"	10,0	1500
0,75	1,00	299	"	11,4	1500
1,10	1,50	327	"	12,7	3000
1,50	2,00	356	"	14,0	3000
2,20	3,00	460	"	18,6	4000
0,37	0,50	223	"	7,4	1500
0,55	0,75	242	"	8,3	1500
0,75	1,00	271	"	9,5	1500
1,10	1,50	299	"	10,9	3000
1,50	2,00	327	"	12,1	3000
2,20	3,00	356	"	13,5	4000
3,00	4,00	423	"	16,5	4000
2,20	3,00	440	"	16,1	6500
3,00	4,00	507	"	19,1	6500
3,70	5,00	545	"	20,9	6500
4,00	5,50	583	"	24,1	6500
5,50	7,50	698	"	29,4	6500
7,50	10,00	774	"	33,0	6500

MOTOR 6"



ΙΣΧΥΣ POWER		L mm	D max mm	WEIGHT kg	AXIAL THRUST Nt
KW	HP				
4	5,5	581	137	38	15500
5,5	7,5	614	"	41	15500
7,5	10	646	"	45	15500
9,3	12,5	679	"	48	15500
11	15	711	"	51	15500
15	20	776	"	57	15500
18,5	25	842	"	63	15500
22	30	907	"	69	15500
30	40	1037	"	84	27500
37	50	1405	"	135	27500
45	60	1557	"	148	27500

MOTOR 8"



ΙΣΧΥΣ POWER		L mm	D max mm	WEIGHT kg	AXIAL THRUST Nt
KW	HP				
30	40	925	191	145	45000
37	50	1000	"	157	45000
45	60	1077	"	172	45000
55	75	1394	"	202	45000
75	100	1496	"	240	45000
93	125	1748	196	318	45000
110	150	1976	"	381	45000
130	175	2179	"	420	45000
150	200	2408	"	494	45000

Manufactured for  by     
 ISO 9001:2008

FEEDING CABLE DATA

Calculation of cross section

The choice of feeding cables cross-section is made considering :

1. The acceptable voltage drop
2. The power loss along the cables
3. The max. current(A)admitted by the cables

Voltage drop ΔU(%)in three-wire cables(resistance)

a-Three phase motor with direct starting by statoric impedance and autotransformer.

1 three-wire cable 3*s

b-Three phase motor with star-delta starting

2 three-wire cables 3*s

c-Single phase motor

1 three-wire cables 3*s

$$\Delta U = \frac{I \times L \times \cos \phi}{s \times 32,3} \times \frac{100}{U} \Rightarrow s = \frac{I \times L \times \cos \phi}{\Delta U \times 32,3} \times \frac{100}{U}$$

Voltage drop (ΔU) in single – wire cables

(rasistance and reactance)

$$\Delta U = 1,73 \times I \times L \times (R \times \cos \phi + X \times \sin \phi) \times \frac{100}{U}$$

The voltage drop changes according to the resistance and the reactance induced by single wire each other according to:

- a)cables cross- section
- b)their respective position(single-multi pole ,flat side by side)
- c)their angular position (120° – 180°)

Voltage drop for different power supply

$$L_N = L \frac{U_N}{230} \quad L_N = L \frac{U_N}{400}$$

Voltage drop for different power factor

$$L_N = L \frac{0,8}{\cos \phi}$$

2. Power loss along the feeding cables

$$P_v = I^2 \times \frac{L}{s \times 18,7} (W)$$

EXPLANATION OF SYMBOLS

I = Motor nominal current (A)

X = Reactance (Ω/m)

L = Cable length (m)

U = Nominal voltage (V)

L_N = New cable length (m)

U_N = New voltage (%)

cos φ = Power factor

ΔU = Voltage drop (%)

R = Cable resistance (Ω/m)

s = Copper wire cross section

3. Maximum current (A) admitted by the cables

Three-wire cables isolated with EPR

Cable cross section 3*s (mm ²)	1,5	2,5	4	6	10	16	25	35	50	70	95
In open air at 30°C (A)	22	30	40	52	71	96	127	157	190	242	293
Underground at 20°C (A)	28,5	38	49	61	81	104	133	159	188	230	275
Max. operating temp. (°C)	90										

Three-wire cables isolated with PVC

Cable cross section 3*s (mm ²)	1,5	2,5	4	6	10	16	25	35	50	70	95
In open air at 30°C (A)	17,5	24	32	41	57	76	101	125	151	192	232
Underground at 20°C (A)	25	34	43	53	71	93	120	145	172	215	250
Max. operating temp. (°C)	60										

Manufactured for



For different ambient temperatures multiply by coefficient K

Ambient temperature	(°C)	10	15	20	25	30	35	40	45	50
In open air	K	1,22	1,17	1,12	1,07	1	0,93	0,87	0,79	0,71
Underground	K	-	-	1	0,95	0,9	0,83	0,77	-	-

Note: For 2 three wire cables multiply the max. current (A) admitted and is stated in the chart by coefficient 2 for direct starting and coefficient 1,73 for Star-Delta starting.

Single-wire cables isolated with EPR

Cable section cross3*s (mm ²)	35	50	70	95	120	150
In open air at 30 (°C)	175	212	270	327	379	435
Underground at (20°C)	180	210	260	310	355	395
Max.operating temp. (°C)	90					

For different ambient temperatures multiply by coefficient K

Ambient temperature	(°C)	10	15	20	25	30	35	40	45	50
In open air	K	1,17	1,13	1,09	1,04	1	0,95	0,9	0,85	0,8
Underground	K	-	-	1	0,96	0,92	0,88	0,83	-	-

Manufactured for



CHOISE OF FEEDING CABLES

MAX LENGTH OF 4 ELECTRIC FEEDING CABLES IN METTERS

50Hz

MOTEP MOTOR				For Motors 4" Single Phase - Three Phase CABLE CROSS SECTION IN mm ²					
	Power		Voltage V	4 X 1,5	4 X 2,5	4 X 4	4 X 6	4 X 10	4 X 16
	kW	HP							
SINGLE PHASE	0,25	0,3	230	95	160				
	0,37	0,50	230	84	140	223	335		
	0,55	0,75	230	61	102	163	245		
	0,75	1,00	230	47	79	126	189	315	
	1,10	1,50	230	33	55	88	132	220	
	1,50	2,00	230	27	44	71	107	178	
	2,20	3,00	230		30	51	73	115	180
THREE PHASE	0,37	0,5	400	524					
	0,55	0,75	400	422					
	0,75	1,00	400	328	547				
	1,10	1,50	400	209	349	588			
	1,50	2,00	400	160	266	427			
	2,20	3,00	400	113	188	302	452		
	3,00	4,00	400	90	151	241	362		
	3,70	5,00	400	67	110	179	269	450	
	4,00	5,50	400	67	110	179	269	450	
	5,50	7,50	400	50	78	124	179	313	497
7,50	10,00	400		60	90	150	240	360	

The max cable length shown on this table is calculated for a 6,6% voltage for single phase motor & 3% voltage for three phase motor drop at a temperature of 25°C

Note : For temperatures other than 25°C consult our technical department

Manufactured for  by    ISO 9001:2008

CHOISE OF FEEDING CABLES

MAX LENGTH OF 6 ELECTRIC FEEDING CABLES IN METTERS

50Hz

MOTOR			STARTING :Star - Delta																		
D"	Power		Voltage V	CABLE CROSS SECTION IN mm ²																	
	KW	HP		2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	300	400		
6"	4	5,5	380	153	243	365	618	988	1550	2180											
			400	151	242	363	605	968	1513												
	5,5	7,5	380	112	179	269	448	740	1175	1645											
			400	118	189	285	485	779	1215	1705											
	7,5	10	380	88	140	210	353	565	885	1240	1770										
			400	91	146	216	365	585	915	1282	1832										
	9,3	12,5	380	73	116	175	295	470	736	1032	1474	2065									
			400	75	120	180	300	485	758	1060	1515	2120									
	11	15	380	62	100	150	250	402	628	880	1258	1761									
			400	64	101	152	257	410	643	900	1285	1802									
	13	17,5	380	53	85	128	213	343	538	753	1077	1509									
			400	54	87	130	218	350	547	767	1084	1526									
	15	20	380	47	75	114	189	306	478	670	956	1338									
			400	48	78	116	195	312	490	685	979	1360									
	18,5	25	380	37	60	91	152	245	383	536	766	1070									
			400	38	60	92	153	246	385	540	771	1080									
22	30	380		51	78	130	210	330	462	658	923										
		400		52	79	131	211	330	463	661	925										
26	35	380		44	67	111	180	281	394	562	788										
		400		45	68	113	182	285	400	570	800										
30	40	380			58	97	155	244	341	488	683										
		400			58	97	155	244	341	488	683										
37	50	380			47	78	126	197	276	395	553										
		400			47	79	126	197	277	396	554										
8"	30	40	380				102	164	256	359	512	717	973	1230	1537	1902	2465	3085	4120		
			400				107	172	270	378	540	755	1025	1297	1623	2002	2597	3247	4330		
	37	50	380					130	203	284	405	569	779	986	1230	1518	1970	2465	3285		
			400					136	212	298	425	595	810	1024	1280	1580	2050	2562	3417		
	45	60	380					111	174	244	348	488	662	837	1047	1291	1675	2093	2793		
			400					115	180	252	360	504	685	865	1080	1335	1730	2165	2885		
	52	70	380					96	151	212	302	424	576	728	909	1122	1455	1820	2428		
			400					100	157	220	314	440	598	756	945	1166	1513	1891	2522		
	55	75	380					90	141	198	283	398	541	682	854	1053	1366	1708	2278		
			400					94	147	206	295	412	560	707	885	1092	1415	1770	2361		
	60	80	380					84	132	185	265	372	505	638	797	984	1277	1597	2127		
			400					89	139	195	279	391	531	671	839	1035	1343	1679	2239		
	67	90	380						118	165	236	331	450	568	710	876	1137	1422	1896		
			400						122	170	243	341	463	585	732	903	1171	1464	1953		
	75	100	380						105	147	210	295	400	505	632	780	1012	1265	1686		
			400						109	153	219	307	416	526	658	811	1053	1316	1755		
83	111	380							136	195	273	371	469	586	723	938	1173	1565			
		400							141	202	284	385	487	608	750	974	1217	1623			
93	125	380							120	172	241	327	414	518	639	829	1036	1381			
		400							123	177	248	337	425	532	656	851	1064				
10"	85	111	400						130	186	261										
	110	150	400							139	195	265									
	130	175	400								177	240	304								
	150	200	400								152	206	261								
	185	250	400									160	202	253							
12"	185	250	380								126	171	216								
	220	300	380									144	182	227							
	260	350	380								131*	183*	249*								
	300	400	380									159*	216*	273*							

The max cable length shown on this table is calculated for a 3% voltage drop at a temperature of 25°C and cos φ=0,85

Note : For temperatures other than 25°C consult our technical department

* : 2 Cables of given cross section in parallel

Manufactured for



CHOISE OF FEEDING CABLES

MAX LENGTH OF 3 ELECTRIC FEEDING CABLES IN METTERS

50Hz

MOTOR			STARTING :Direct - Autotransformer																		
D"	Power		Voltage V	CABLE CROSS SECTION IN mm ²																	
	kW	HP		2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	300	400		
6"	4	5,5	380	103	165	248	415	665	1040	1460	2085										
			400	101	161	243	407	654	1020	1430	2045										
	5,5	7,5	380	78	125	187	307	505	791	1107	1582	2215									
			400	81	129	193	322	520	814	1140	1600	2280									
	7,5	10	380	59	93	141	236	378	591	829	1184	1658									
			400	61	97	146	243	390	611	857	1224	1714									
	9,3	12,5	380	49	78	117	196	315	492	690	985	1380									
			400	50	80	120	201	323	506	708	1012	1415									
	11	15	380		66	100	167	267	420	588	840	1177									
			400		68	102	170	274	429	601	859	1204									
	13	17,5	380		57	85	143	230	359	503	720	1008									
			400		56	87	145	233	365	512	731	1025									
	15	20	380		50	76	127	204	319	447	639	895									
			400		51	77	130	208	326	458	654	917									
	18,5	25	380			60	101	163	255	358	510	715									
			400			61	102	164	257	360	515	721									
	22	30	380			87	140	220	308	440	618										
			400			88	141	221	309	442	619										
26	35	380			74	120	188	263	376	527											
		400			75	122	190	267	382	535											
30	40	380				104	162	228	326	454											
		400				104	162	228	326	454											
37	50	380					132	185	264	370											
		400					132	185	264	370											
8"	30	40	380					109	171	240	342	481	654	825	1032	1274	1653	2066	2755		
			400					115	180	252	361	505	686	867	1084	1337	1735	2169	2893		
	37	50	380						137	192	274	384	521	658	823	1016	1318	1648	2197		
			400						142	199	285	399	542	684	856	1056	1370	1713	2284		
	45	60	380						116	163	233	326	443	559	699	863	1119	1400	1866		
			400						120	168	240	337	457	578	723	891	1156	1446	1929		
	52	70	380						101	141	202	283	385	486	608	750	973	1216	1621		
			400						105	147	210	293	400	505	631	779	1011	1264	1685		
	55	75	380						94	132	190	266	361	456	570	704	913	1142	1522		
			400						98	137	196	275	374	473	591	729	946	1183	1578		
	60	80	380							124	177	248	337	426	533	658	853	1067	1423		
			400							130	186	261	355	448	561	692	898	1122	1496		
	67	90	380							110	158	221	300	379	475	586	760	950	1267		
			400							114	162	228	309	391	489	603	783	978	1305		
	75	100	380								140	197	267	338	422	521	676	845	1127		
			400								146	205	278	351	439	542	703	879	1173		
	83	111	380									182	248	313	392	483	627	784	1045		
			400									189	257	325	406	501	650	813	1085		
93	125	380										161	219	276	346	427	554	691	923		
		400										165	225	284	355	438	569	711	948		
10"	85	111	400						124*	174*	248*										
	110	150	400							130*	186*	261*									
	130	175	400								169*	237*	322*								
	150	200	400									203*	276*	349*							
	185	250	400										214*	271*	338*						
12"	185	250	380									168*	229*	289*							
	220	300	380									142*	192*	243*							
	260	350	380										166*	210*	263*						
	300	400	380										144*	182*	228*						

The max cable length shown on this table is calculated for a 3% voltage drop at a temperature of 25°C and cos φ=0,85

Note : For temperatures other than 25°C consult our technical department

* : 2 Cables of given cross section in parallel

Manufactured for



RECOMMENDED GENERATOR POWER FOR CONNECTION WITH MOTOR

SUBMERSIBLE MOTOR		ELECTRIC GENERATOR			
		DIRECT STARTING		START - DELTA STARTING	
NOMINAL POWER		MINIMUM POWER OF GENERATOR		MINIMUM POWER OF GENERATOR	
kW	HP	kW	KVA	kW	KVA
2,2	3	6	7,5	-	-
3	4	8	10	-	-
4	5,5	10	12,5	8	10
5,5	7,5	12,5	15,6	11	13,8
7,5	10	15	18,8	14	17,5
9	12,5	19	24	17	21
11	15	22,5	28	21	26
13	17,5	26,5	33	24	30
15	20	30	37,5	28	35
16,5	22,5	33	41	30	37,5
18,5	25	37	46	34	42,5
20	27,5	40	50	37	46,5
22	30	45	56,3	41	51
26	35	52	65	45	56
30	40	60	75	52	65
33	45	66	82,5	57	71
37	50	75	94	64	80
40	55	80	100	69	86
45	60	90	112	78	97
51,5	70	105	131	89	111
56	75	110	138	95	119
66	90	135	169	114	142
75	100	150	188	130	162
93	125	185	231	156	195
110	150	210	263	190	237
130	175	260	325	225	281
150	200	300	375	260	325

ELECTROTECHNICAL DATA OF MOTORS

ALTERNATING CURRENT		
	SINGLE-PHASE	THREE-PHASE
$M_N = \frac{Pr \cdot 1000}{1,027 \cdot n}$	$Pa = \frac{U \cdot I \cdot \cos \phi}{1000}$	$Pa = \frac{1,73 \cdot U \cdot I \cdot \cos \phi}{1000}$
$n_M = \frac{Pr}{Pa} \cdot 100$	$Pr = \frac{U \cdot I \cdot \cos \phi \cdot n_M}{1000}$	$Pr = \frac{1,73 \cdot U \cdot I \cdot \cos \phi \cdot n_M}{1000}$
$ns = \frac{f \cdot 120}{No.Poli}$	$I = \frac{Pr \cdot 1000}{U \cdot \cos \phi \cdot n_M}$	$I = \frac{Pr \cdot 1000}{1,73 \cdot U \cdot \cos \phi \cdot n_M}$
$S = \frac{ns \cdot n}{ns} \cdot 100$	$\cos \phi = \frac{Pa \cdot 1000}{U \cdot I}$	$\cos \phi = \frac{Pa \cdot 1000}{1,73 \cdot U \cdot I}$

Electrical Tolerances of Motor

Tolerances on the guaranteed values of the electrical characteristics of asynchronous motors as per CEI in accordance with IEC norms

VALUES	TOLERANCE	VALUES	TOLERANCE
Real efficiency	$[\eta] - 0,15 \cdot (1 - \cos \phi) [\%]$	Maximum torque	$[M_M] - 10\% (\min 1,6 M_N [kgm])$
Power factor	$[\cos \phi] - \frac{1}{6} \cdot (1 - \cos \phi) \frac{\min 0,02}{\max 0,07}$	Starting torque	$[M_S] + 25\% - 15\%$
Slippage	$[S] \pm 20 \%$	Starting current	$[I_S] + 20\% [A]$

Manufactured for



EXPLANATION OF SYMBOLS

P_a = Absorbed power (active) [kW]

M_N = Nominal torque [kgm]

P_r = Nominal power [kW]

M_m = Max. torque [kgm]

U = Nominal voltage [V]

M_s = Starting torque [kgm]

I = Nominal current [A]

η_M = Motor efficiency [%]

I_s = Starting current [A]

n_s = Synchronous speed

f = Frequency of stator current

S = Slippage [%]

$\cos\phi$ = Power factor [0,..]

n = Motor speed [rpm]

$N^{\circ} \text{ Poli}$ = Pole pairs N of stator winding.

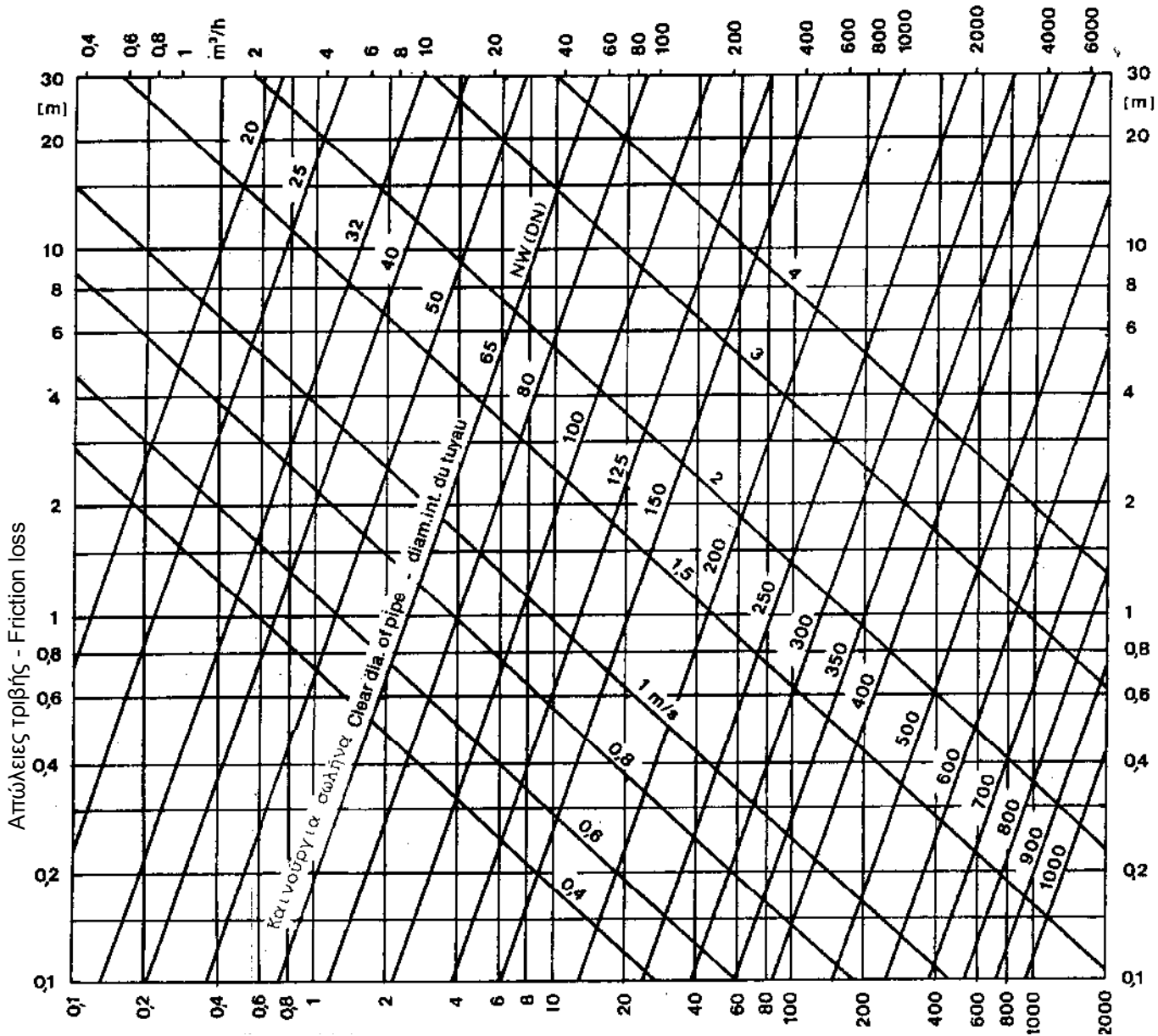
η = Efficiency [%]

Manufactured for


 BUREAU VERITAS
Certification
ISO 9001:2008


CHOICE OF STRAIGHT PIPE

FRICTION LOSS IN m FOR EACH 100 m OF STRAIGHT PIPE LINE



Flow - Debit [l/s]

Above mentioned values are to be intended

for new cast iron pipes

For rusted cast iron pipes x 1,25

For new steel pipes x 0,8

For rusted steel pipes x1,25

For new PVC pipes x 0,65

For aluminum pipes x 0,7

For pipes with scale x 1,7

