



# Vertical Turbine Pumps Catalogue



## PT. Archimedes Global Pump

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## Introduction

### Pumps

Archimedes vertical turbine pump series 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 Archimedes vertical turbine 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.

### Motors

The motors used with Archimedes vertical turbine pumps are made by well known brands all over the world and follow all international standards. Standard motors V1 mounting or Vertical Hollow Shaft motors (VHS) can be used.

## Operation Limits And Tolerances

### VERTICAL TURBINE PUMPS

- a) Pumped liquids: Clean water non aggressive chemically or mechanically.
- b) Maximum content of suspended solids in the water: 100gr/m<sup>3</sup>
- c) Maximum time of operation with gate valve closed and the pump immersed in water: 1min
- 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/dm<sup>3</sup> and kinematic viscosity of not more than 1mm<sup>2</sup>/s. The foot valve loading losses are not included in this catalogue.

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## General

Archimedes pumps are mixed flow, vertical installation having the advantage of small space requirement at the pump stations and the ability to start automatic or manually without any suction problem.

Their construction is single or multistage with mixed flow impellers and height adjustable pump setting with standard column parts. Different discharge heads under or above floor available to meet specific requirements. They are driven by electric motor and diesel engine, directly or through a right angle gear drive or through a pulley and belt. These pumps are being manufactured with standard interchangeable parts construction.

They are divided on following series:

M Series – Multistage with closed type impellers

C Series – Multistage with closed type impellers for deeper wells

S Series – Multistage with semi-closed type impellers for deeper wells

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## Applications

These pumps are used for:

- Municipality
- Water transfer
- Water treating plants
- Irrigation
- River and lake pumping
- Sump pumping
- Construction dewatering

## Advantages

- Space saving:  
Vertical arrangements save valuable floor space.
- Self priming:  
Submerged impellers allow pump to be started without priming and with low initial and operating cost.
- Low operation cost:  
High efficiency pump design and high reliability result in lower operating cost.
- Long Life-Low Maintenance  
Flanged or threaded bowls and column pipes for easier assembly – disassembly and perfect alignment

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## Identification

The example shows a pump 10MAV/13

### Example

**10 M AV/ 13**

10: refers to the nominal outside diameter of pump assembly in inches (10")

M: multistage pumps with closed type impellers for sumps or small wells

ML: higher capacity multistage pumps with closed type impellers for sumps or small wells

S: refers to multistage pumps with open type impellers for deeper wells

SL: refers to higher capacity multistage pumps with open type impellers for deeper wells

C: refers to multistage pumps with closed type impellers for deeper wells

CL: refers to higher capacity multistage pumps with closed type impellers for deeper wells

AV: type of impeller (A lower capacity, B, C, D higher capacity)

13: number of stages

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## Product Features

1. Driver:
  - a. VHS motor
  - b. Standard motor V1, solid shaft
  - c. Pulley with belt
  - d. Right angle gear box with diesel engine

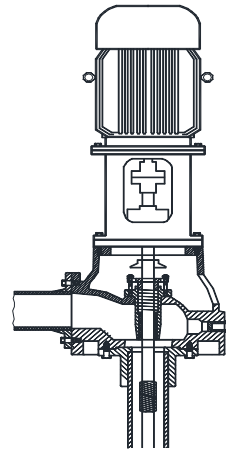


Fig. 1a

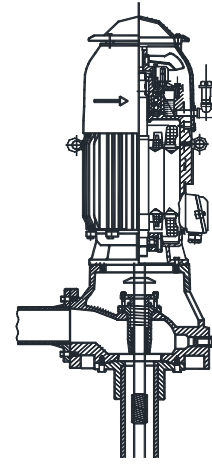


Fig. 1b

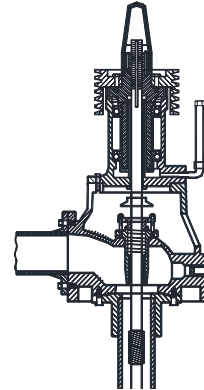


Fig. 1c

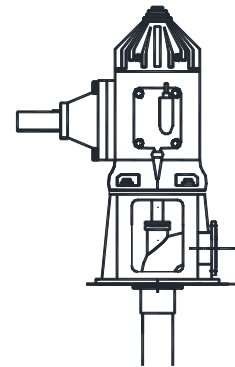


Fig. 1d

2. Discharge head:
  - a. Made of fabricated steel, above ground
  - b. Made of fabricated steel, below ground
  - c. Made of cast iron, above ground (fig. 1a)

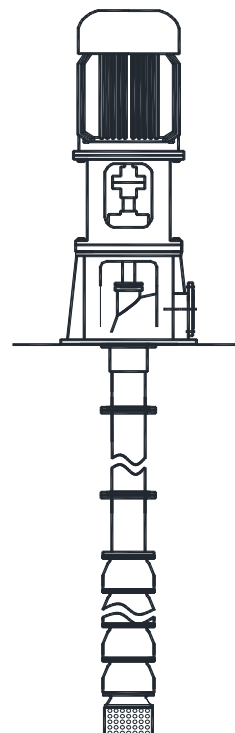


Fig. 2a

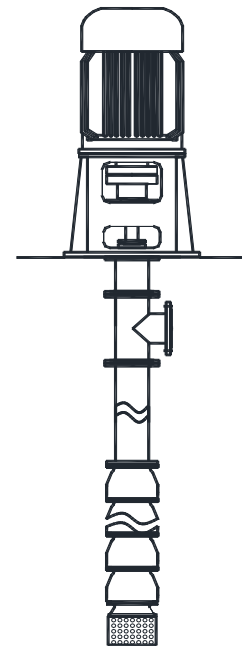


Fig. 2b

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3. Column by standard construction for easy replacement with threaded (fig. 3a) or flanged connection (fig. 3b) consisted of:
  - a. Pipe made of steel St37 or stainless steel AISI304, 316L or other  
 Threaded connection in standard length 5ft or 10ft and diameter 2.5'', 3'', 4'', 5'', 6'', 8''.  
 Flanged connection in standard length 1,5m or 2m and diameter 10'', 12'', 14'', 16''.
  - b. Shaft made of stainless steel AISI420, 316L or other
  - c. Bearing made of bronze or cast iron GG25

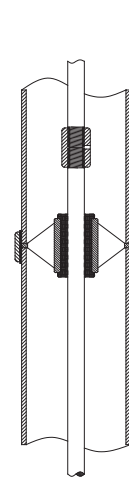


Fig. 3a

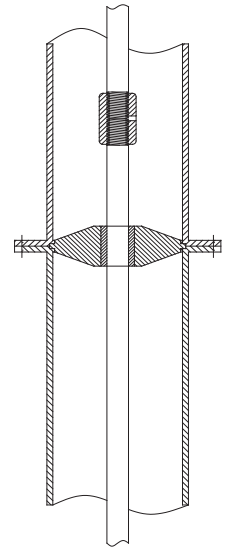


Fig. 3b

4. Pump bowl assembly is the most important part of complete pump unit with following main parts:
  - a. Impellers dynamic balanced semi-open or closed type made of cast iron, bronze or stainless steel
  - b. Intermediate bowls made of cast iron, bronze or stainless steel
  - c. Suction bowl made of cast iron, bronze or stainless steel
  - d. Shaft made of stainless steel AISI 420 or 316L
  - e. Bearings on each stage for shaft support
  - f. Wear rings fully interchangeable
  - g. Strainer specially designed to prevent big particles from entering

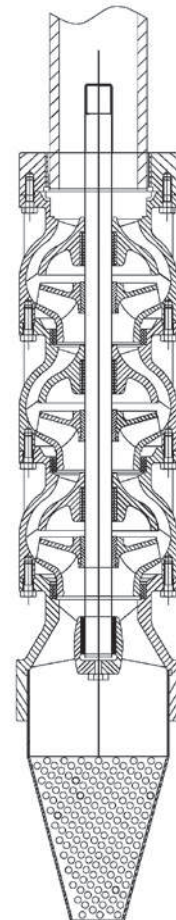


Fig. 4

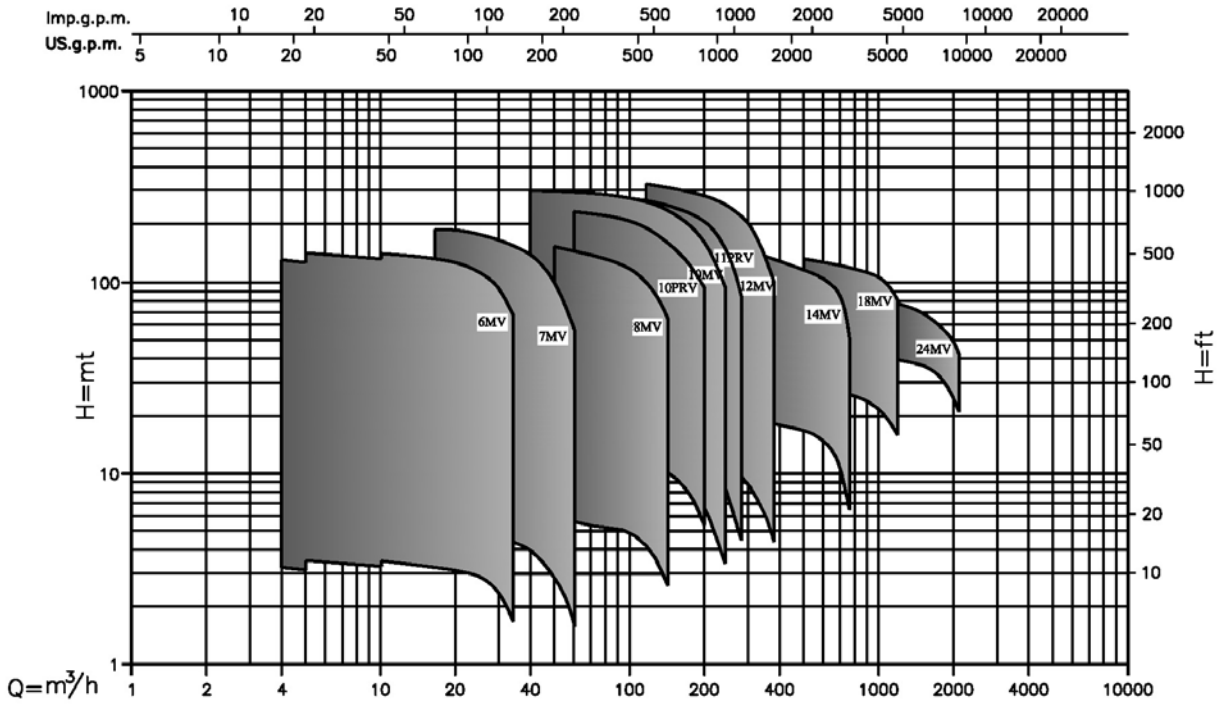
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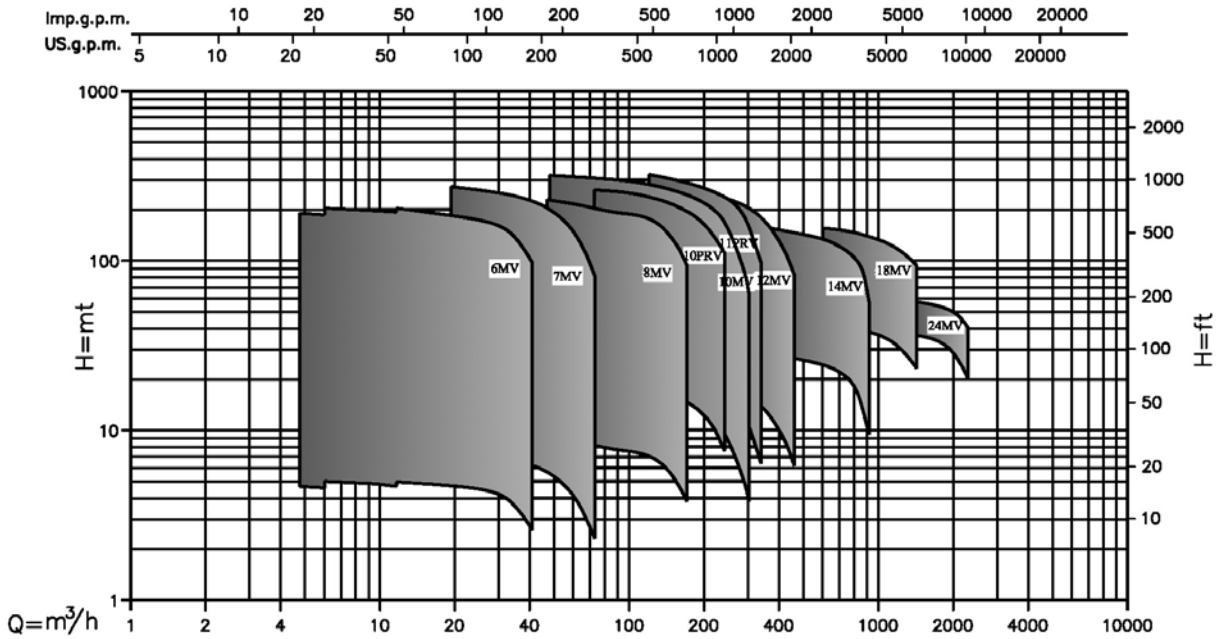
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### Performance range at 1450 r.p.m.



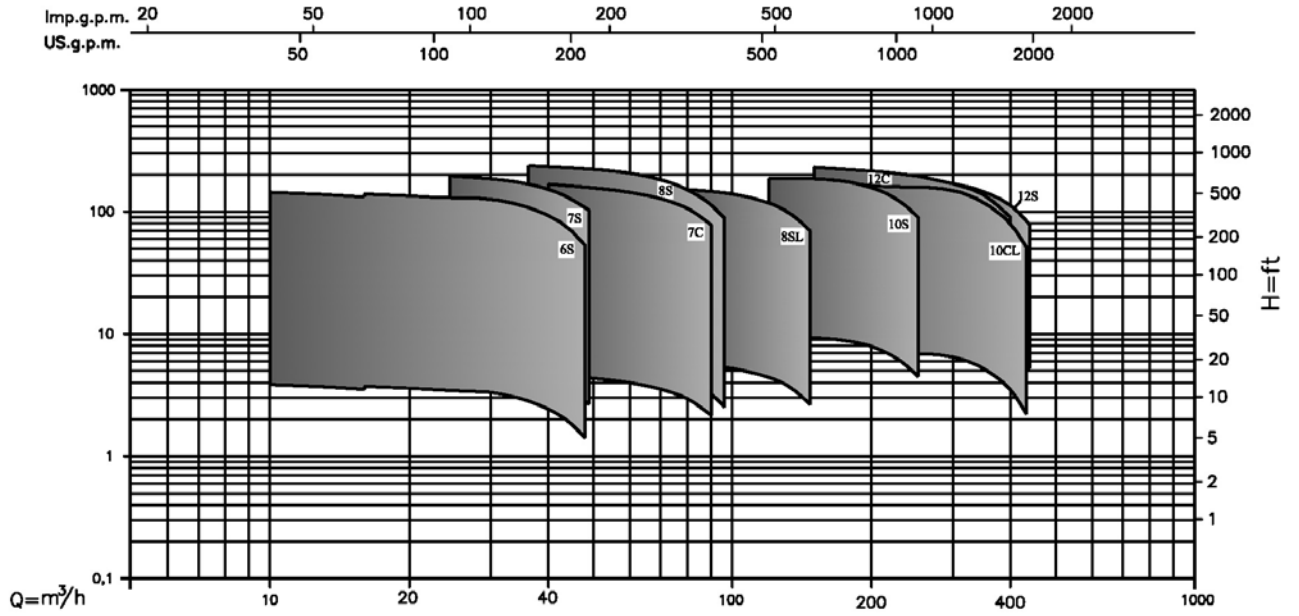
### Performance range at 1750 r.p.m.



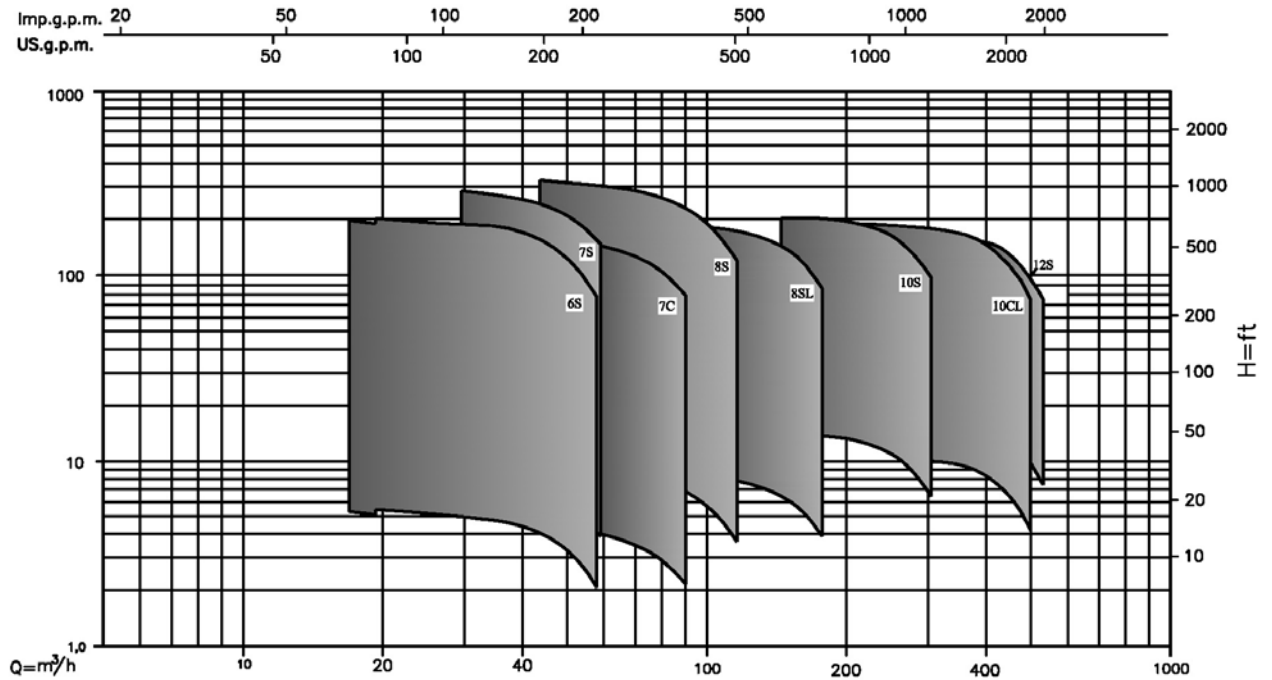
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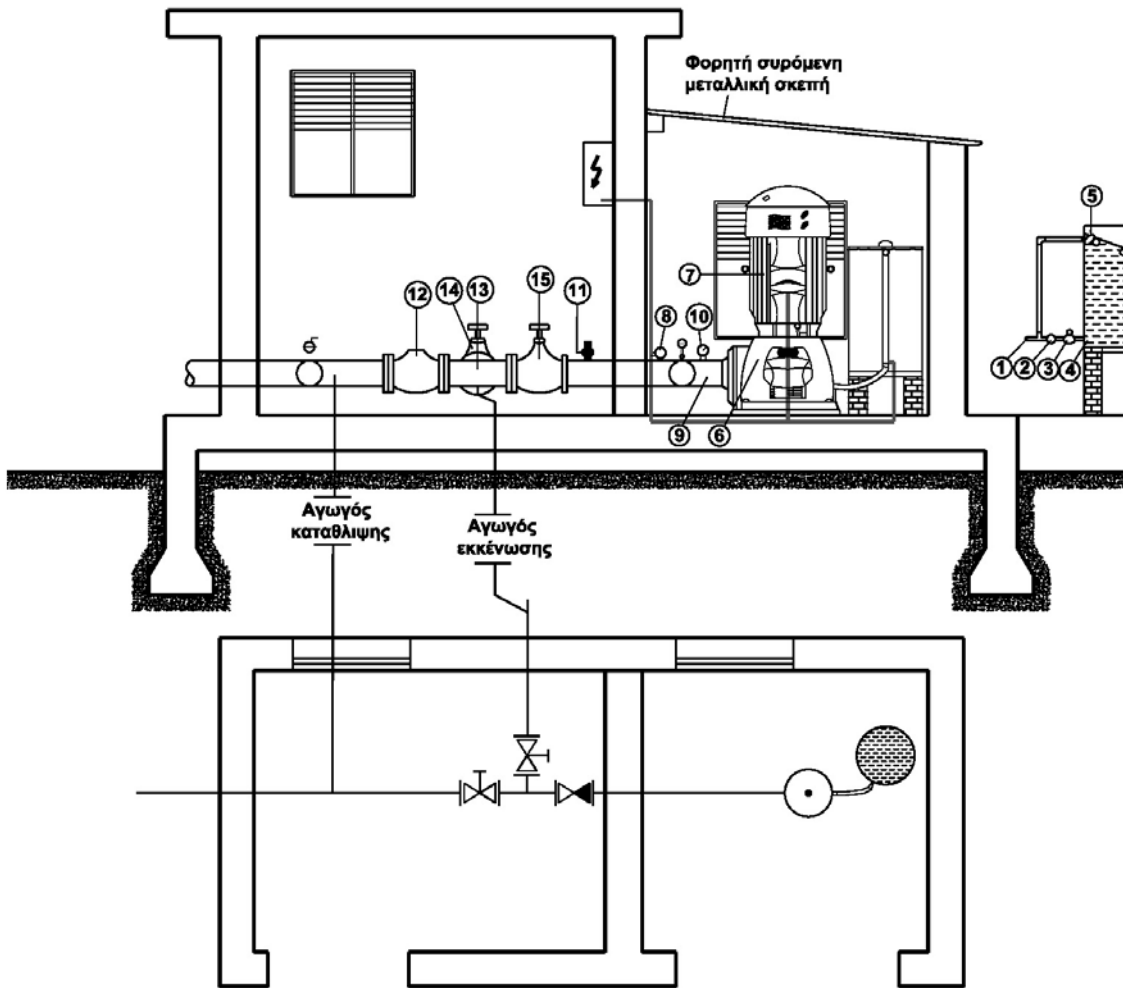
### Performance range at 1450 r.p.m.



### Performance range at 1750 r.p.m.



## Typical installation in pump station with sump



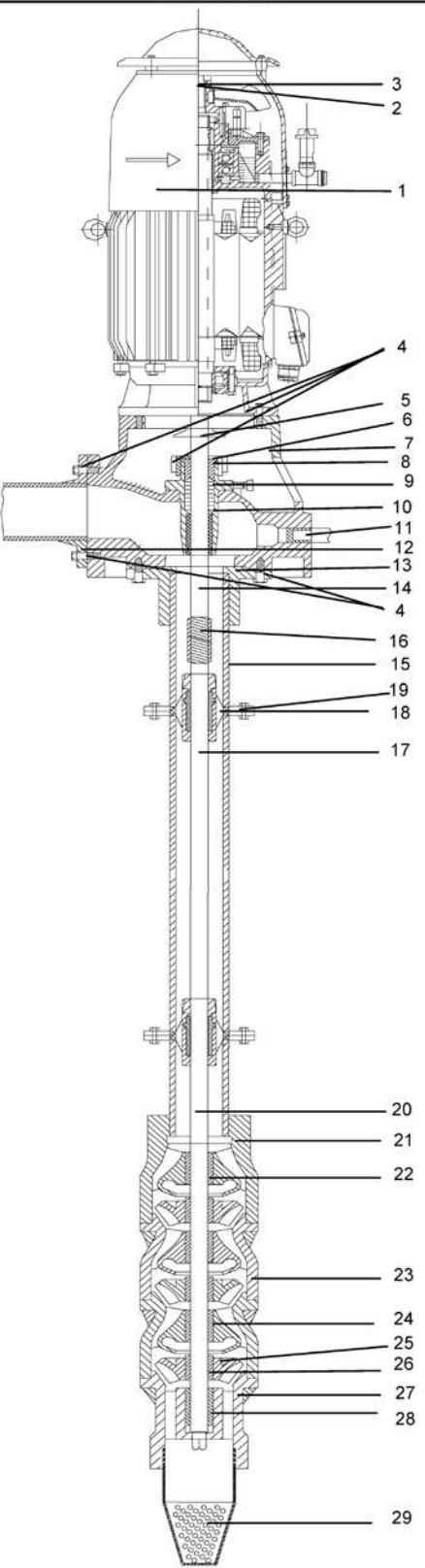
1. Water Lubricated pipe
2. Non return valve
3. Electro-valve
4. Water tank
5. Mechanical float switch
6. Pump
7. Motor
8. Water flow sensor
9. Water pressure pipe
10. Pressure gauge
11. Automatic air relief
12. Non return valve
13. T - pipe
14. Relief valve
15. Discharge valve

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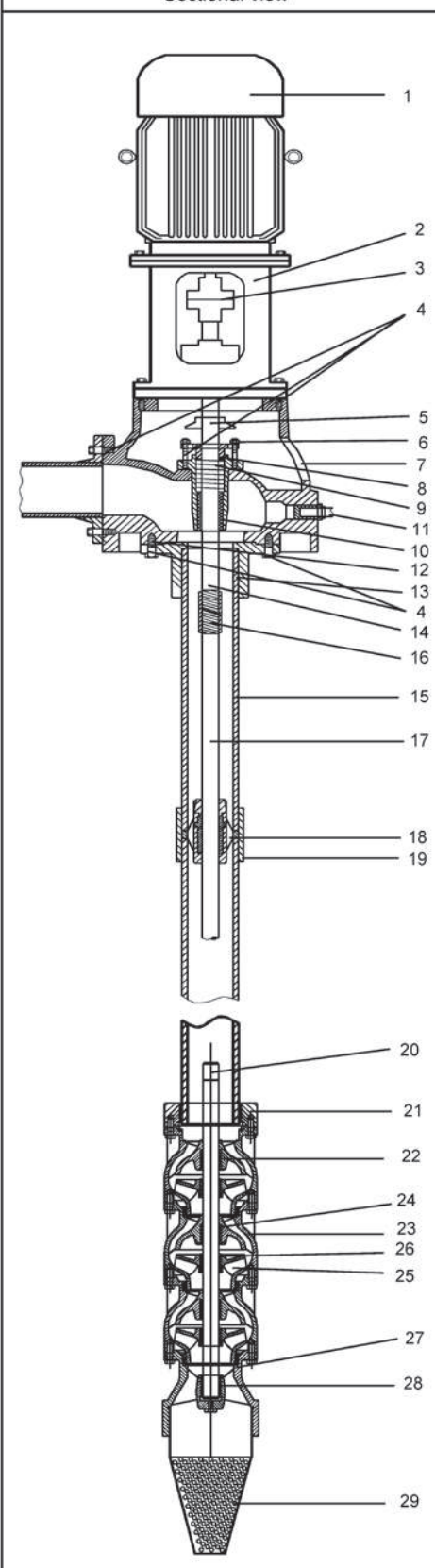
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## Section view VHS motor and pump with semi-open type impellers

Τομή Sectional view	a/a	Περιγραφή εξαρτημάτων Description	Υλικό Material
	1.	Μοτέρ Motor	
	2.	Περισκόχλιο ρυθμιστικό Regulation screw nut	Χάλυβας Steel
	3.	Σφήνα key	Χάλυβας Steel
	4.	Βίδες Screws	Γαλβανιζέ Galvanized
	5.	Προφυλακτήρας νερού Water guard	Λάστιχο Rubber
	6.	Περισκόχλιο Screw nut	Γαλβανιζέ - Ανοξειδωτο Galvanized - Inox
	7.	Σώμα κεφαλής Head body	Χυτοσίδηρος Cast iron
	8.	Οδηγός Στυπιοθαλάμου (πιεστικό) Bronze bearing	Ορείχαλκος Bronze
	9.	Σαλαμάστρα Packing	Τεφλόν Teflon
	10.	Στυπιοθάλαμος Packing chamber	Χυτοσίδηρος Cast iron
	11.	Μαστός υδρολίπανσης Water lubrication pipe	Χυτοσίδηρος - Εμαγιέ Cast iron - Enamelled
	12.	Φλάντζα κατάθλιψης Discharge flange	Χυτοσίδηρος Cast iron
	13.	Φλάντζα αναρρόφησης Column mounting flange	Χυτοσίδηρος Cast iron
	14.	Άξονας κεφαλής (Βάκτρο) head shaft	Ανοξ. Χάλυβας Stainless steel
	15.	Σωλήνας στήλης Column pipe	Χάλυβας Steel
	16.	Μούφα άξονα Shaft coupling	Χάλυβας Steel
	17.	Άξονας στήλης Column shaft	Ανοξ. Χάλυβας Stainless steel
	18.	Κουζινέτο στήλης Bearing column	Χυτοσίδηρος, Ορείχαλκος Λάστιχο Cast Iron, Bronze-Rubber
	19.	Φλάντζα σωλήνας Pipe flange	Χάλυβας Steel
	20.	Άξονας στροβίλου Impeller shaft	Ανοξ. Χάλυβας Stainless steel
	21.	Θάλαμος κατάθλιψης Pressure chamber	Χυτοσίδηρος Cast iron
	22.	Κουζινέτο κατάθλιψης Pressure chamber bearing	Λάστιχο Rubber
	23.	Μεσαίος θάλαμος Intermediate chamber	Χυτοσίδηρος Cast iron
	24.	Κουζινέτο μεσαίου θαλάμου Intermediate chamber bearing	Λάστιχο Rubber
	25.	Πτερωτή Ημικλειστού τύπου Impeller - Semi open	Ορείχαλκος Bronze
	26.	Κώνος πτερωτής Impeller retainer ring	Χάλυβας Steel
	27.	Θάλαμος αναρρόφησης Suction chamber	Χυτοσίδηρος Cast iron
	28.	Κουζινέτο θαλάμου αναρρόφησης Suction chamber bearing	Λάστιχο Rubber
	29.	Φίλτρο αναρρόφησης Suction screen	Χάλυβα Γαλβανιζέ Galvanized

**Section view V1 motor and pump with closed type impellers**

Τομή Sectional view	α/α	Περιγραφή εξαρτημάτων Description	Υλικό Material
	1.	Μοτέρ Vertical Solid Shaft motor	
	2.	Βάση Base	Χυτοσίδηρος Cast iron
	3.	Κόμπλερ Coupling	Χυτοσίδηρος Cast iron
	4.	Βίδες Screws	Γαλβανιζέ Galvanized
	5.	Προφυλακτήρας νερού Water guard	Λάστιχο Rubber
	6.	Περίκωχλιο Screw nut	Γαλβανιζέ / Ανοξείδωτο Galvanized / Inox
	7.	Σώμα κεφαλής Head body	Χυτοσίδηρος / Χάλυβας Cast iron / Steel
	8.	Οδηγός Στυπιοθαλάμου (πιεστικό) Bronze bearing	Ορείχαλκος Bronze
	9.	Σαλαμάστρα Packing	Τεφλόν Teflon
	10.	Στυπιοθάλαμος Packing chamber	Χυτοσίδηρος Cast iron
	11.	Μαστός υδρολίπανσης Water lubrication pipe	Χυτοσίδηρος / Εμαγιέ Cast iron / Enamelled
	12.	Φλάντζα κατάθλιψης Discharge Flange	Χυτοσίδηρος Cast iron
	13.	Φλάντζα αναρρόφησης Column mounting flange	Χυτοσίδηρος Cast iron
	14.	Άξονας κεφαλής (Βάκτρο) Head shaft	Ανοξ. Χάλυβας Stainless steel
	15.	Σωλήνας στήλης Column pipe	Χάλυβας Steel
	16.	Μούφα άξονα Shaft coupling	Χάλυβας Steel
	17.	Άξονας στήλης Column shaft	Ανοξ. Χάλυβας Stainless steel
	18.	Κουζινέτο στήλης Bearing column	Χυτοσίδηρος, Ορείχαλκος Cast Iron, Bronze Lάστιχο Rubber
	19.	Μούφα σωλήνας Pipe coupling	Χάλυβας Steel
	20.	Άξονας στροβίλου Impeller shaft	Ανοξ. Χάλυβας Stainless steel
	21.	Θάλαμος κατάθλιψης Pressure chamber	Χυτοσίδηρος Cast iron
	22.	Κουζινέτο κατάθλιψης Pressure chamber bearing	Μέταλλο / Λάστιχο Metal / Rubber
	23.	Μεσαίος θάλαμος Intermediate chamber	Χυτοσίδηρος Cast iron
	24.	Κουζινέτο μεσαίου θαλάμου Intermediate chamber bearing	Μέταλλο / Λάστιχο Metal / Rubber
	25.	Περωτή Κλειστού Τύπου Impeller Closed	Χυτοσίδηρος / Ορείχαλκος Cast iron / Bronze
	26.	Κώνος περρωτής Impeller retainer ring	Χάλυβας Steel
	27.	Θάλαμος αναρρόφησης Suction chamber	Χυτοσίδηρος Cast iron
	28.	Κουζινέτο θαλάμου αναρρόφησης Suction chamber bearing	Μέταλλο / Λάστιχο Metal / Rubber
	29.	Φίλτρο Αναρρόφησης Strainer	Χάλυβας Γαλβανιζέ Galvanized steel

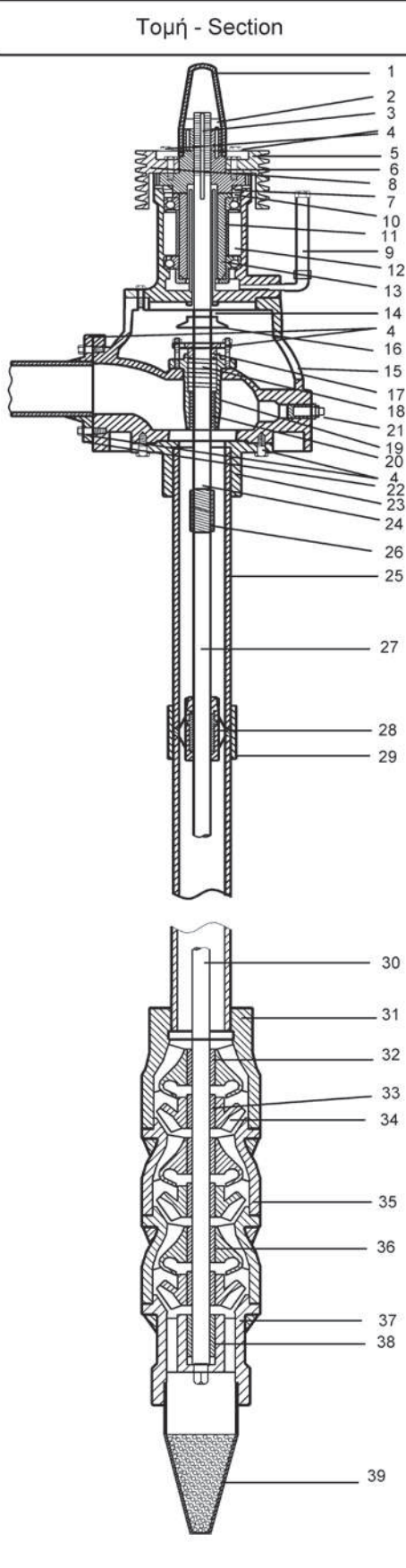
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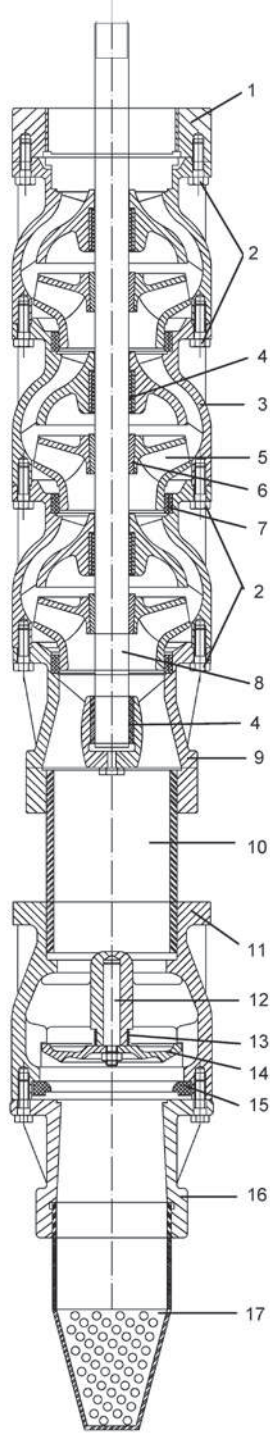


## Section view ulley and pump with semi-open type impellers

Τομή - Section	α/α	Περιγραφή εξαρτημάτων Description	Υλικό - Material
	1.	Κάλυμμα - Cover	Πλαστικό - Noryl
	2.	Περικόχλιο ρυθμιστικό - Regulation screw nut	Χάλυβας - Steel
	3.	Σφήνα - Key	Χάλυβας - Steel
	4.	Βίδες - Screws	Γαλβανιζέ - Galvanized
	5.	Τροχαλία - Pulley	Χυτοσίδηρος - Cast Iron
	6.	Άτρακτος - Body Coupling	Χυτοσίδηρος - Cast Iron
	7.	Ροδέλα ατράκτου-External bearing cover sealing	Πλαστικό - Χυτρός Noryl - Cast Iron
	8.	Πείρος καστανίας - Non reverse backstop pin	Ανοξ. Χάλυβας Stainless Steel
	9.	Σωλήνα πληρώσεως ελαίου - Connecting oil pipe	Χάλυβας - Steel
	10.	Ρουλεμάν ακτινικό - Bearing	Χάλυβας - Steel
	11.	Αποστάτης ρουλεμάν - Bearing spacer	Χάλυβας - Steel
	12.	Ρουλεμάν αξονικό - Axial Bearing	Χάλυβας - Steel
	13.	Αντλία λαδιού (πεरिकόχλιο) - oil rump	Ορείχαλκος - Bronze
	14.	Προφυλακτήρας νερού - Water guard	Λάσπιχο - Rubber
	15.	Σώμα κεφαλής - Head body	Χυτοσίδηρος - Cast Iron
	16.	Περικόχλιο - Screw nut	Γαλβανιζέ - Ανοξειδωτο Galvanized - Inox
	17.	Οδηγός Στυπιοθλίπτη (πριστικό) Bronze Bearing	Ορείχαλκος - Bronze
	18.	Σαλαμάστρα - Packing	Τεφλόν - Teflon
	19.	Στυπιοθάλαμος - Packing chamber	Χυτοσίδηρος - Cast Iron
	20.	Κουζινέτο στυπιοθαλάμου-Bearing Packing	Ορείχαλκος - Bronze
	21.	Μαστός υδρολίπανσης Water Lubrication pipe	Χυτοσίδηρος - Εμαγιέ Cast iron - Enamelled
	22.	Φλάντζα κατάθλιψης - Discharge Flange	Χυτοσίδηρος - Cast Iron
	23.	Φλάντζα αναρρόφησης Column mounting flange	Χυτοσίδηρος - Cast Iron
	24.	Αξονας κεφαλής (βάκτρο) - Head Shaft	Ανοξ. Χάλυβας Stainless Steel
	25.	Σωλήνα στήλης - Column pipe	Χάλυβας - Steel
	26.	Μούφα άξονα - Shaft Coupling	Χάλυβας - Steel
	27.	Αξονας στήλης - Column Shaft	Ανοξ. Χάλυβας Stainless Steel
	28.	Κουζινέτο στήλης - Bearing Column	Χυτοσίδηρος Ορείχαλκος - Λάσπιχο Cast Iron, Bronze - Rubber
	29.	Μούφα σωλήνας στήλης - Pipe coupling	Χάλυβας - Steel
	30.	Αξονας στροβίλου - Impeller Shaft	Ανοξ. Χάλυβας Stainless Steel
	31.	Θάλαμος κατάθλιψης - Pressure chamber	Χυτοσίδηρος - Cast Iron
	32.	Κουζινέτο κατάθλιψης Pressure chamber bearing	Λάσπιχο - Rubber
	33.	Κώνος πτερωτής - Impeller retainer ring	Χάλυβας - Steel
	34.	Πτερωτή - Impeller	Ορείχαλκος - Bronze
	35.	Μεσαίος θάλαμος - Intermediate chamber	Χυτοσίδηρος - Cast Iron
	36.	Κουζινέτο μεσαίου θαλάμου Intermediate chamber bearing	Λάσπιχο - Rubber
	37.	Θάλαμος αναρρόφησης - Suction chamber	Χυτοσίδηρος - Cast Iron
	38.	Κουζινέτο αναρρόφησης Suction chamber bearing	Λάσπιχο - Rubber
	39.	Φίλτρο αναρρόφησης - Strainer	Χάλυβας Γαλβανιζέ Galvanized Steel

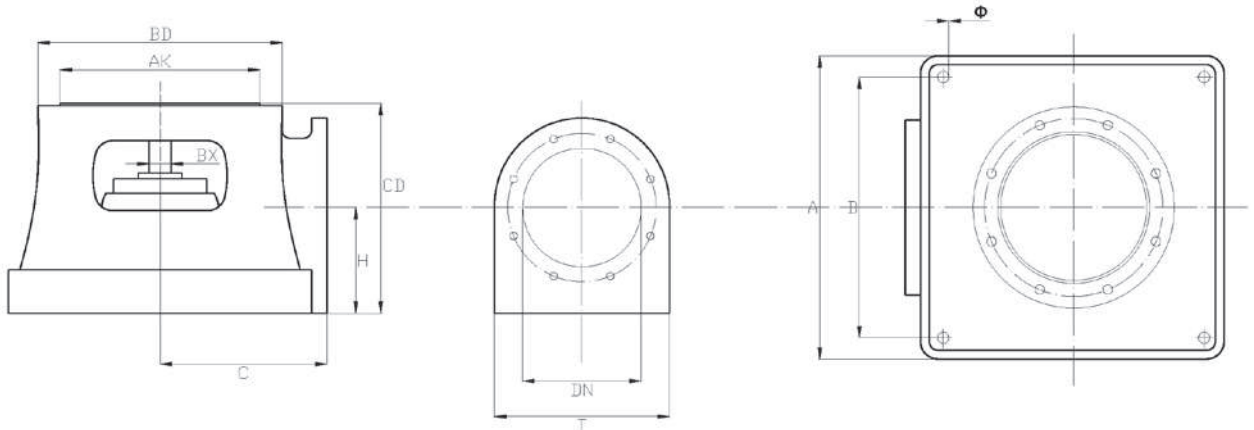
## Section view pump bowl assembly with closed type impellers and foot-valve

### ΠΕΡΙΓΡΑΦΗ ΑΝΤΛΙΑΣ ΚΑΙ ΥΛΙΚΑ ΚΑΤΑΣΚΕΥΗΣ PUMP DESCRIPTION AND MATERIALS

Τομή Sectional view	α/α	Περιγραφή εξαρτημάτων Description	Υλικό Material
	1.	Κατάθλιψη Discharge sleeve	Χυτοσίδηρος Cast iron
	2.	Βίδα Screw	Χάλυβας / Χυτοσίδηρος Steel / Cast iron
	3.	Μπώλ Diffuser	Χυτοσίδηρος Cast iron
	4.	Κουζινέτο Bearing	Μέταλλο / Λάστιχο Metal / Rubber
	5.	Πτερωτή Impeller	Χυτοσίδηρος/Ορείχαλκος Cast iron / Bronze
	6.	Κώνος Σύσφιξης Conical ring clamping	Χάλυβας Steel
	7.	Δαχτυλίδι Στεγανότητας Ring thrust adjusting	Μέταλλο / Λάστιχο Metal / Rubber
	8.	Άξονας Shaft	Ανοξειδωτος Χάλυβας Stainless steel
	9.	Αναρρόφηση Suction casing	Χυτοσίδηρος Cast iron
	10.	Σωλήνας Αναρρόφησης Suction pipe	Χάλυβας Steel
	11.	Σώμα Ποδοβαλβίδας Foot Valve body	Χυτοσίδηρος Cast iron
	12.	Άξονας Βαλβίδας Valve's Shaft	Ανοξειδωτος Χάλυβας Stainless steel
	13.	Ελατήριο Spring	Ανοξειδωτος Χάλυβας Stainless steel
	14.	Βαλβίδα Valve	Ανοξ. Χάλυβας / Ορείχαλκος Stainless steel / Bronze
	15.	Έδρα Βαλβίδας Valve Seat	Λάστιχο Rubber
	16.	Αναρρόφηση Ποδοβαλβίδας Foot Valve's suction	Χυτοσίδηρος Cast iron
	17.	Φίλτρο Strainer	Χάλυβας Γαλβανιζέ Galvanized Steel

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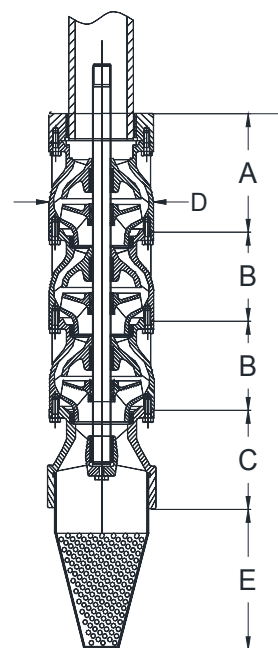
### Dimension of cast iron Discharge Head



TYPE	BD	AK	BX (inch)	CD	H	C	DN	T	A	B	Φ	kg
SE - 10	254	209,44	1,001	280	115	170	80 100	210	330	275	Φ15	50
SB - 10	254	209,44	1,001	315	120	198	80 100	225	385	315	Φ15	70
SB - 12	305	209,44	1,001 1,188	315	140	225	100 125 150	250	440	360	Φ17	105
SB -16 1/2	420	342,9	1,188 1,500 1,688	360	181,5	275	100 125 150 200	300	520	447	Φ19	175
SB -20	510	342,9	1,500 2,188	500	247	400	250 300	490	710	521,8	Φ22	330

## Dimension of Pump Bowl Assembly with Closed Type Impellers

Type	DIMENSIONS					
	Length of 1 stage pump					
	A	B	C	D	E	L1
A6MV	174	115	110	142	300	584
A7MV	193	135	115	170	300	608
A8MAV	173	115	135	192	300	608
A8MV	208	150	120	192	420	748
A8MLV 5"	257	202,5	173	192	420	850
A8MLV 6"	253	202,5	173	192	420	846
A10C	277	223	204	244,5	550	1031
A10MV	245	185	135	245	420	800
A10PR	244	190	190	243	420	854
A11PR	318	270	250	280	400	968
A12MV	280	215	135	290	550	965
A12C	293	203	238	293	450	981
A12C suction bell	293	203	200	293	300	793
A14MV	315	230	230	350	550	1095
A18MV suction bell	235	360	162	500	300	697
A24MV suction bell	-	458	207	654	300	507



Total pump assembly length equals to  $L1 + (\text{total number of stages} - 1) * B$

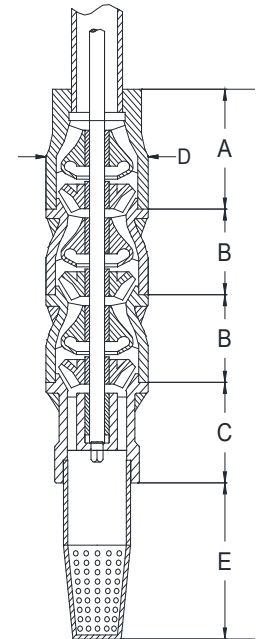
Manufactured for



ISO 9001:2008

## Dimension of Pump Bowl Assembly with Semi-open Type Impellers

Type	DIMENSIONS					
	Length of 1 stage pump					
	A	B	C	D	E	L1
A6H	190	140	157	143	300	647
A7H	200	144	160	166	300	660
A7K	205	150	160	166	300	665
A8H	205	150	157	191	420	782
A8HH	252	203	175	192	420	847
A10H	223	166	190	242	550	963
A12S	297	208	235	293	450	982
A12S suct. bell	297	208	200	293	300	797



Total pump assembly length equals to  $L1 + (\text{total number of stages} - 1) * B$

Manufactured for

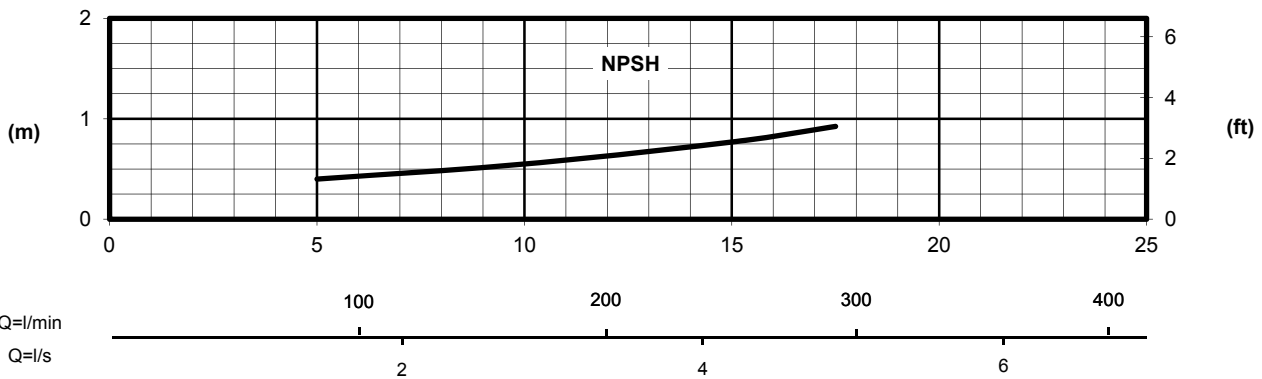
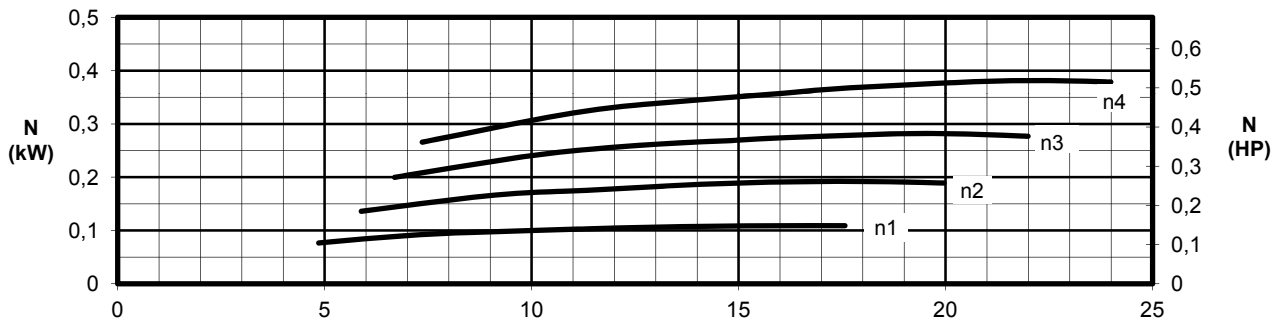
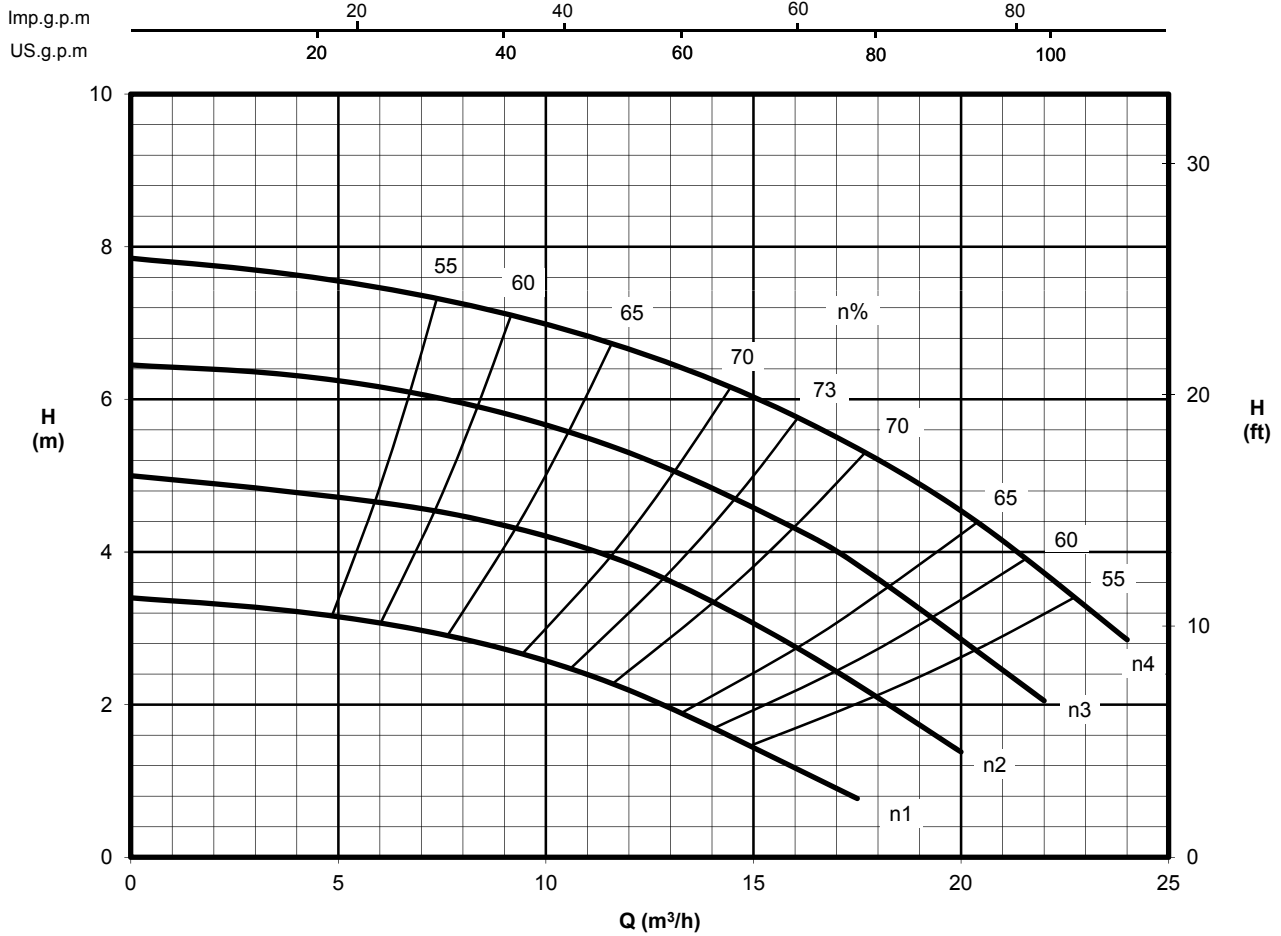


by



Performances per stage:

 n4 = 2200 r.p.m.  
 n3 = 2000 r.p.m.  
 n2 = 1760 r.p.m.  
 n1 = 1460 r.p.m.

**A6MAV**


Bowl diameter : 142mm 5" 9/16

Impeller type : closed

Column losses are not included

Tolerances

ISO 9906 GRADE 2

Manufactured for

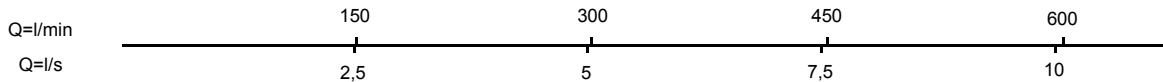
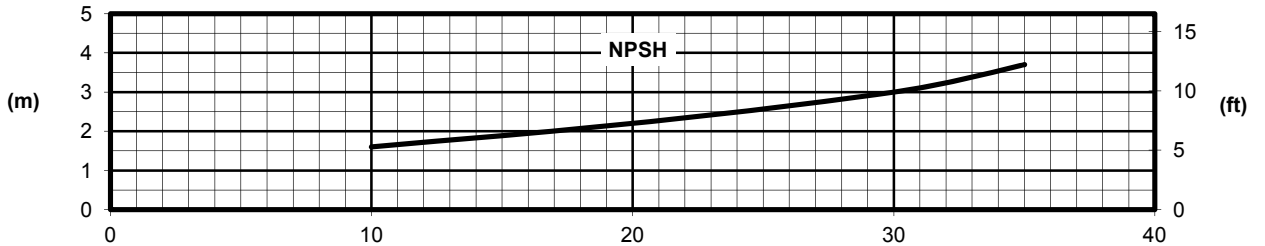
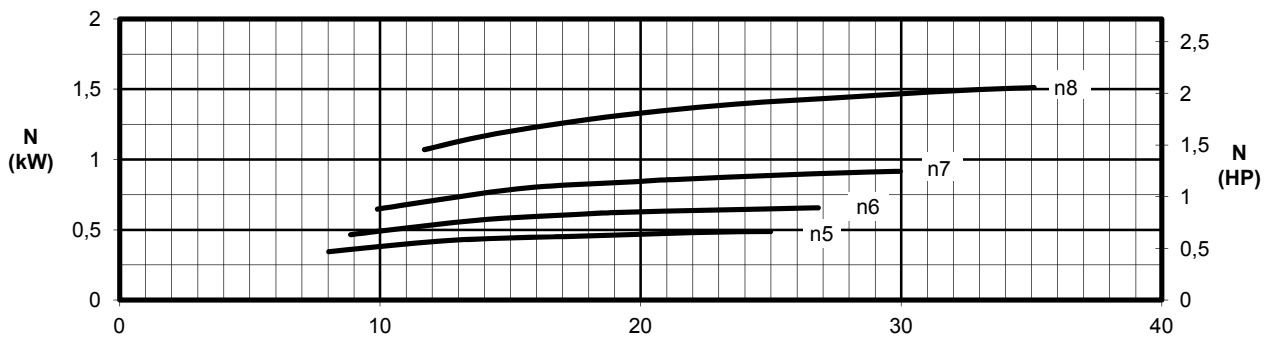
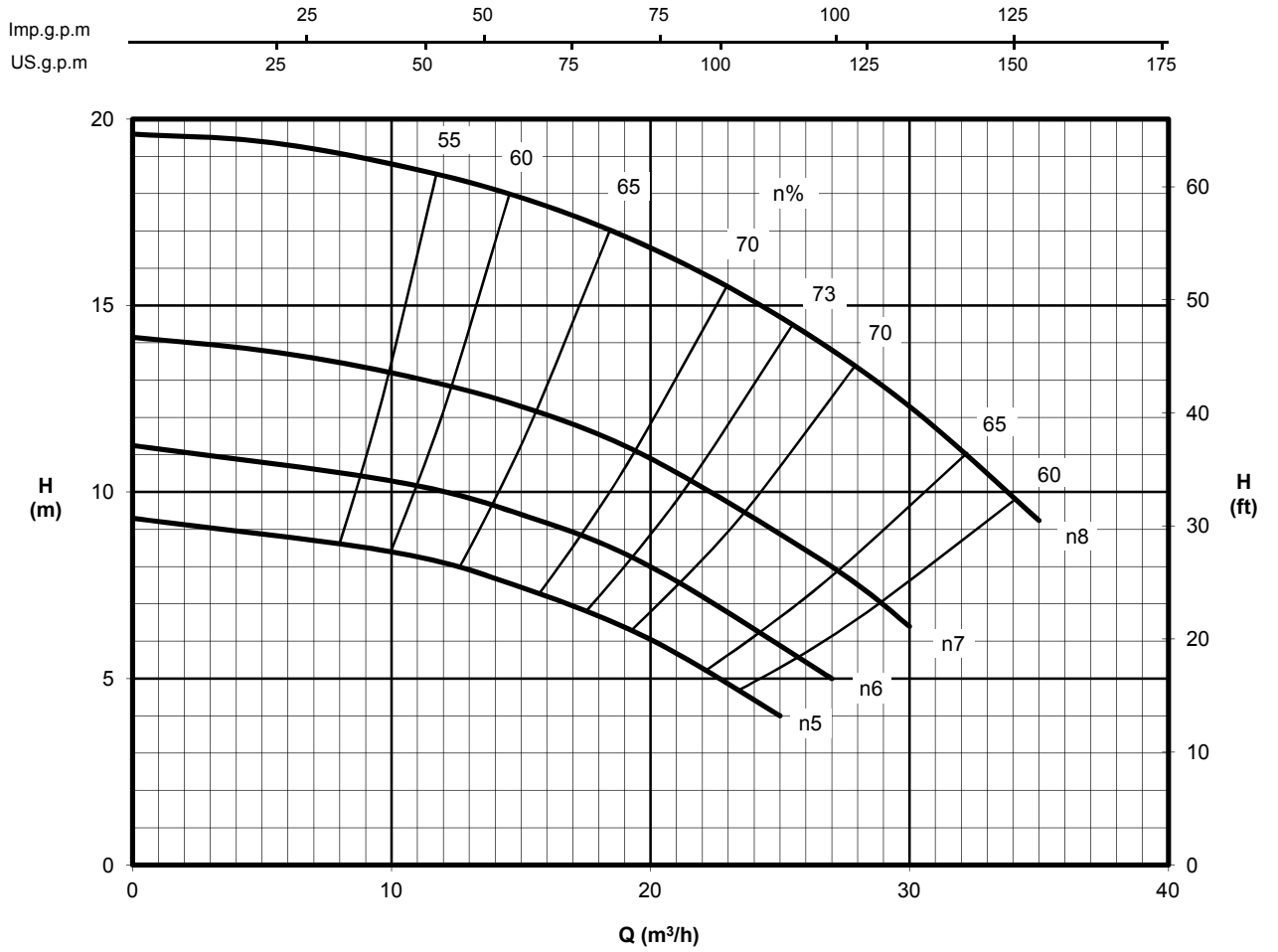


by



Performances per stage: n8 = 3500 r.p.m  
n7 = 2960 r.p.m  
n6 = 2650 r.p.m  
n5 = 2400 r.p.m

# A6MAV



<p>Bowl diameter : 142mm 5" 9/16</p> <p>Impeller type : closed</p>	<p>Column losses are not included</p>	<p>Tolerances</p> <p>ISO 9906 GRADE 2</p>
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Manufactured for

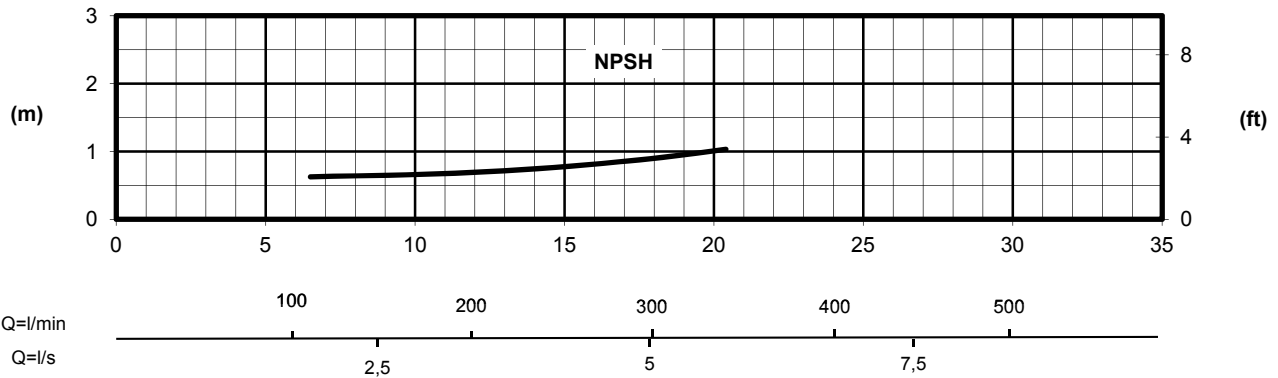
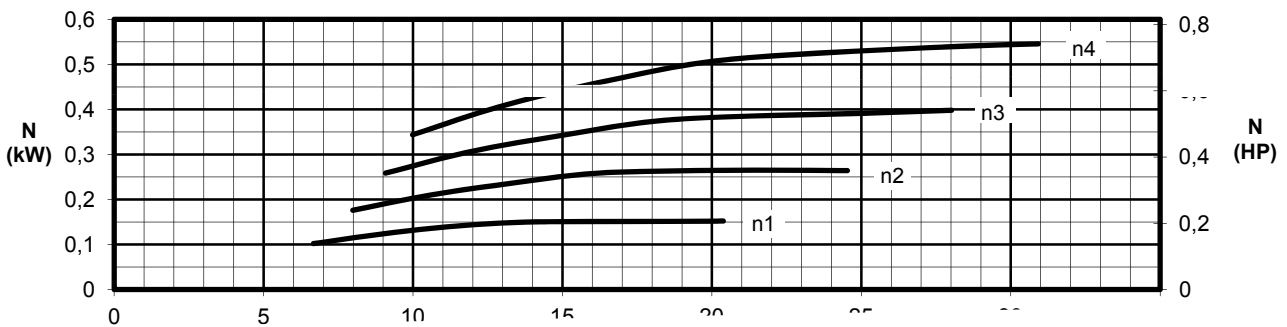
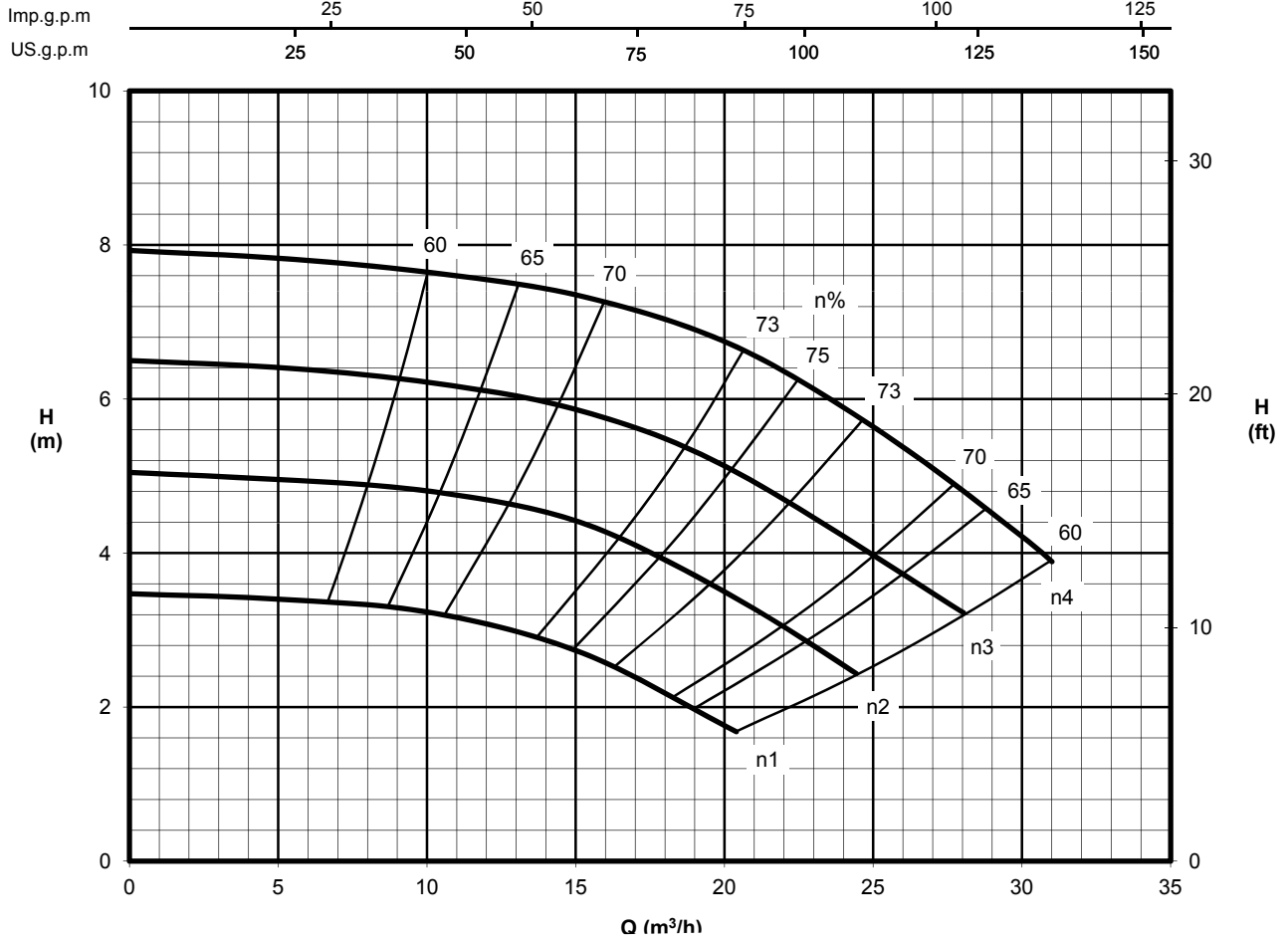


Performances per stage: n4 = 2200 r.p.m

n3 = 2000 r.p.m

n2 = 1760 r.p.m

n1 = 1460 r.p.m

**A6MBV**


Bowl diameter : 142mm 5" 9/16

Impeller type : closed

Column losses are not included

Tolerances

ISO 9906 GRADE 2

Manufactured for



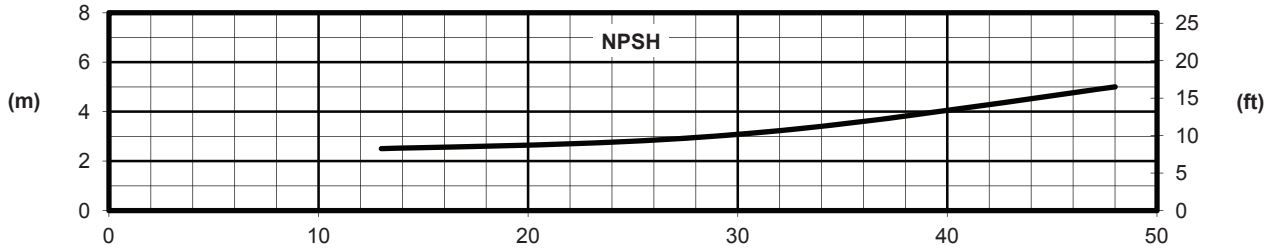
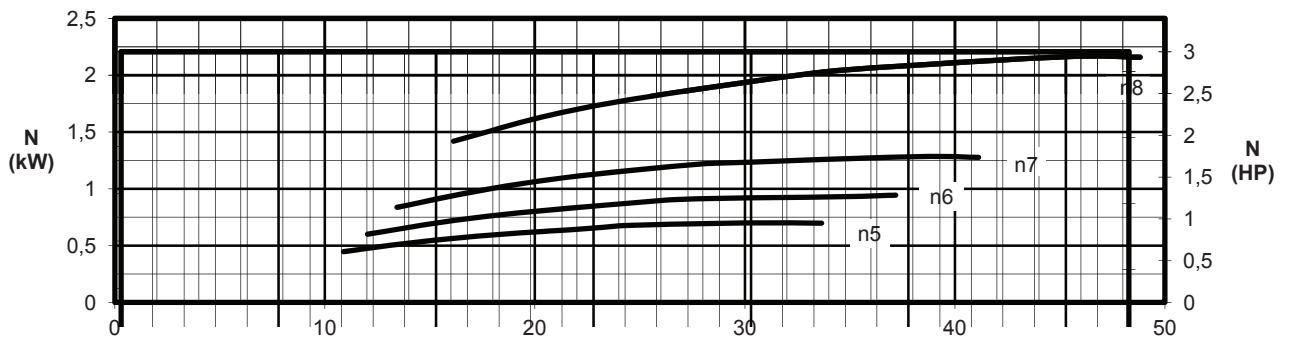
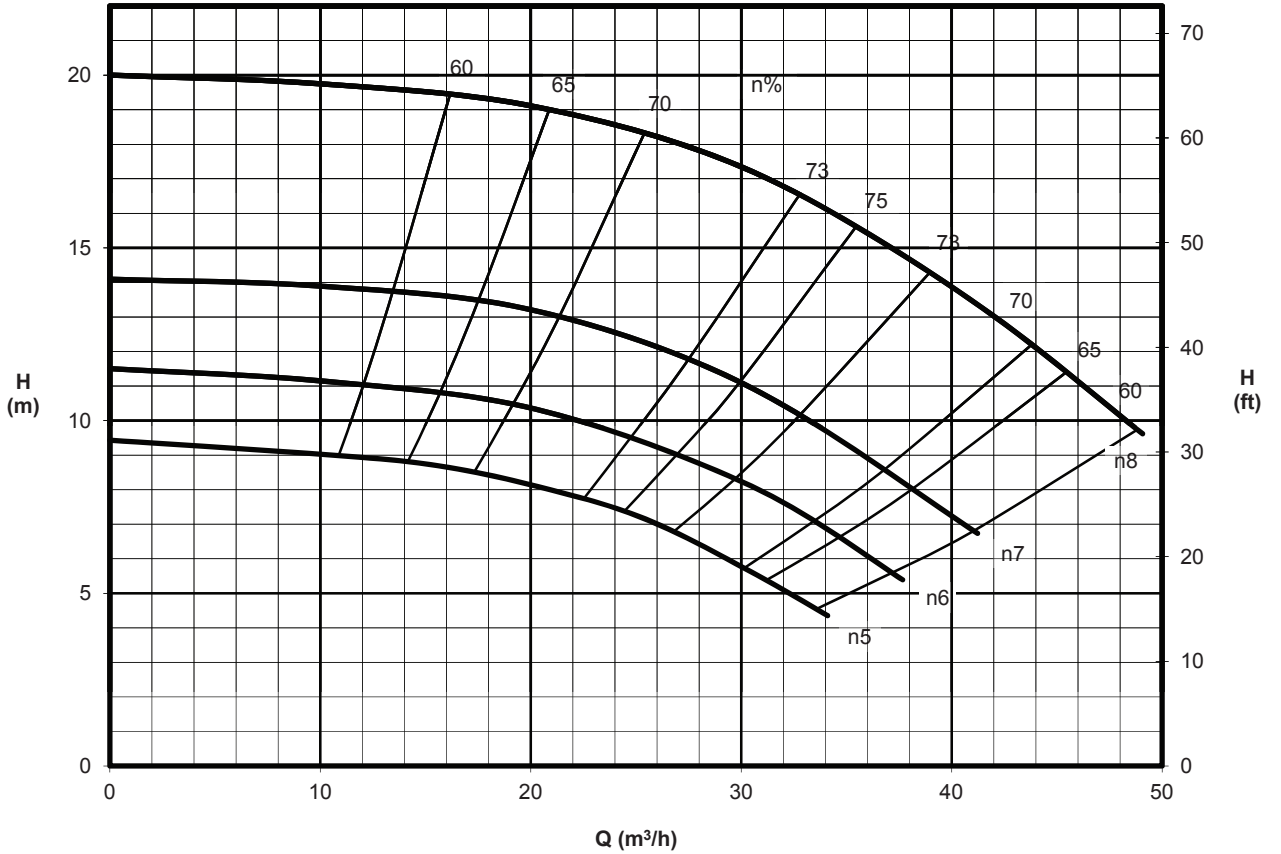
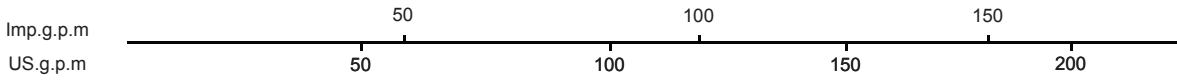
Archimedes Pump

by ANAVALOS PUMPS

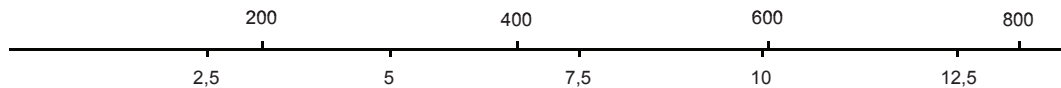
Performances per stage: n8 = 3500 r.p.m  
n7 = 2960 r.p.m  
n6 = 2650 r.p.m  
n5 = 2400 r.p.m

# A6MBV

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



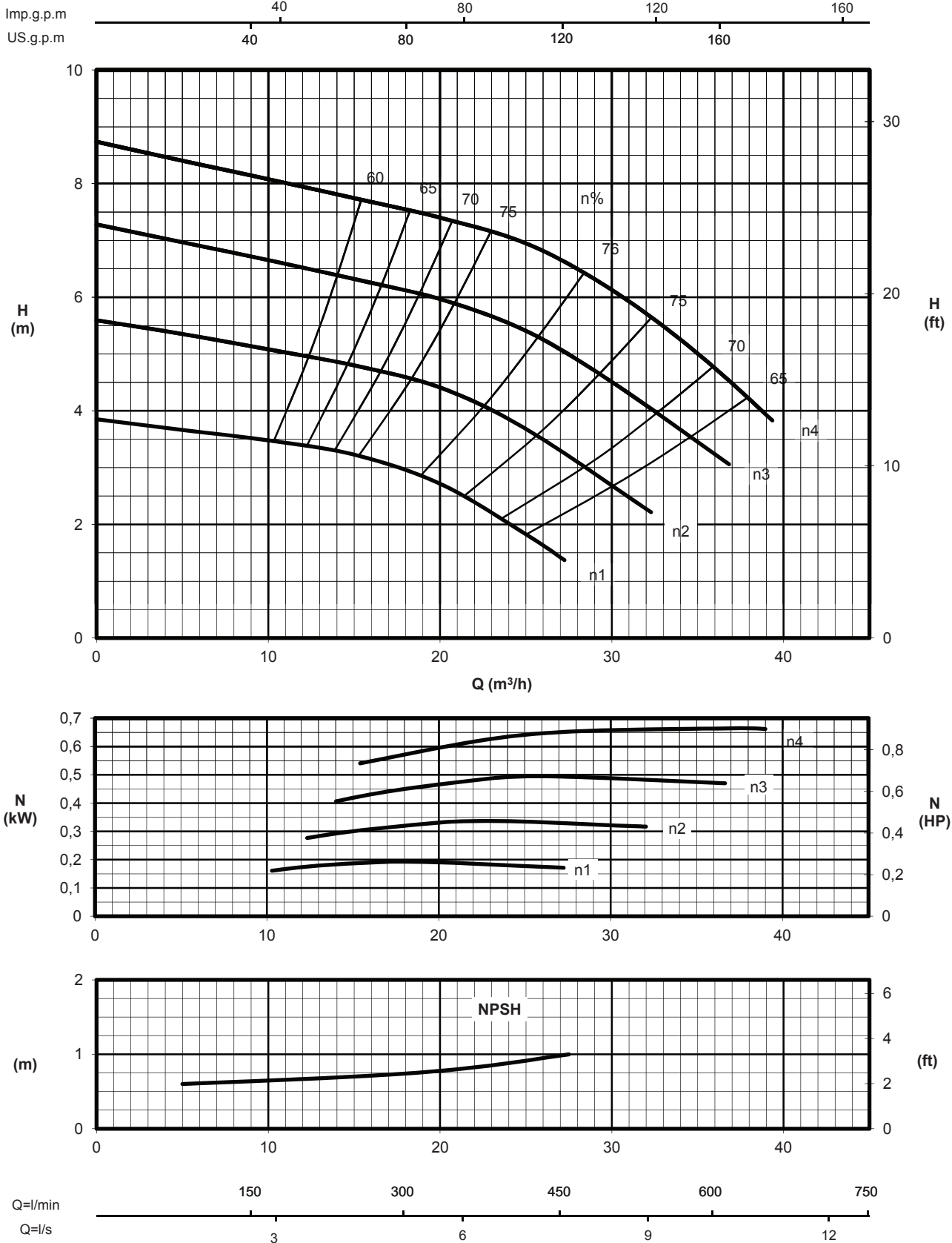
Q=l/min  
Q=l/s



<p>Bowl diameter : 142mm 5" 9/16</p> <p>Impeller type : closed</p>	<p>Column losses are not included</p>	<p>Tolerances</p> <p>ISO 9906 GRADE 2</p>
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Manufactured for


 by **ANAVALOS**  
 PUMPS

 Performances per stage: n4 = 2200 r.p.m  
 n3 = 2000 r.p.m  
 n2 = 1760 r.p.m  
 n1 = 1460 r.p.m  
**A6MCV**


Bowl diameter : 142mm 5" 9/16

Impeller type : closed

Column losses are not included

Tolerances

ISO 9906 GRADE 2

Manufactured for



by



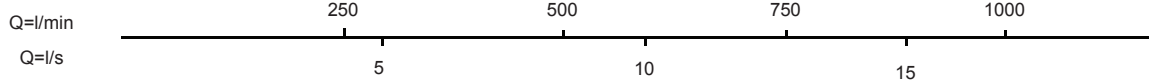
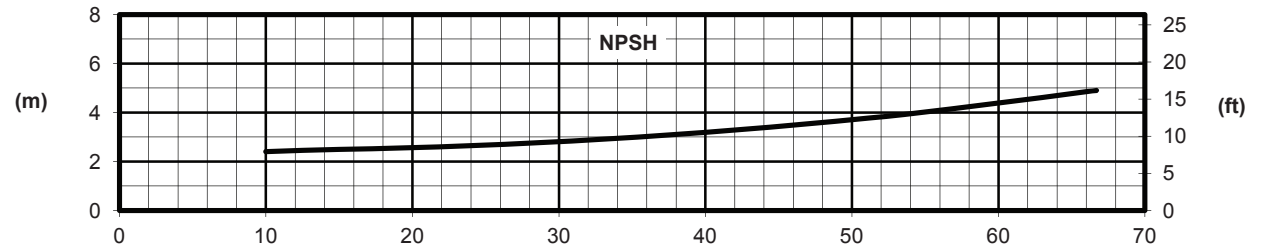
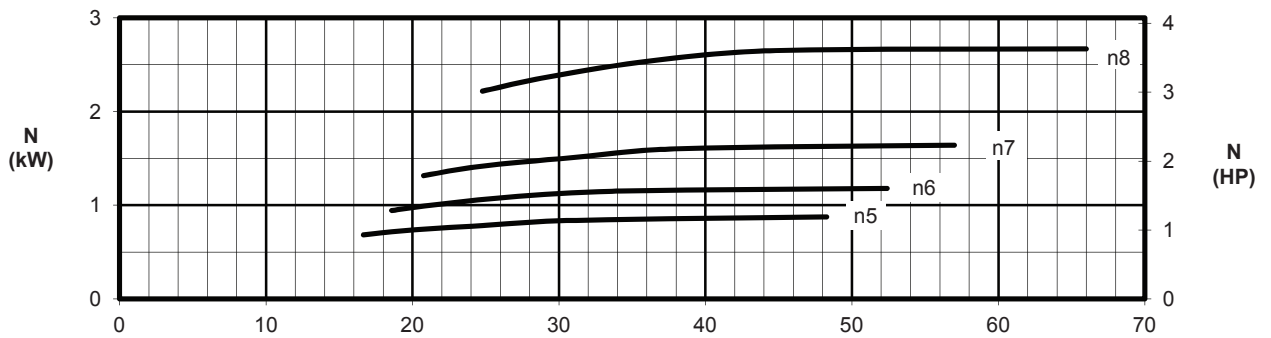
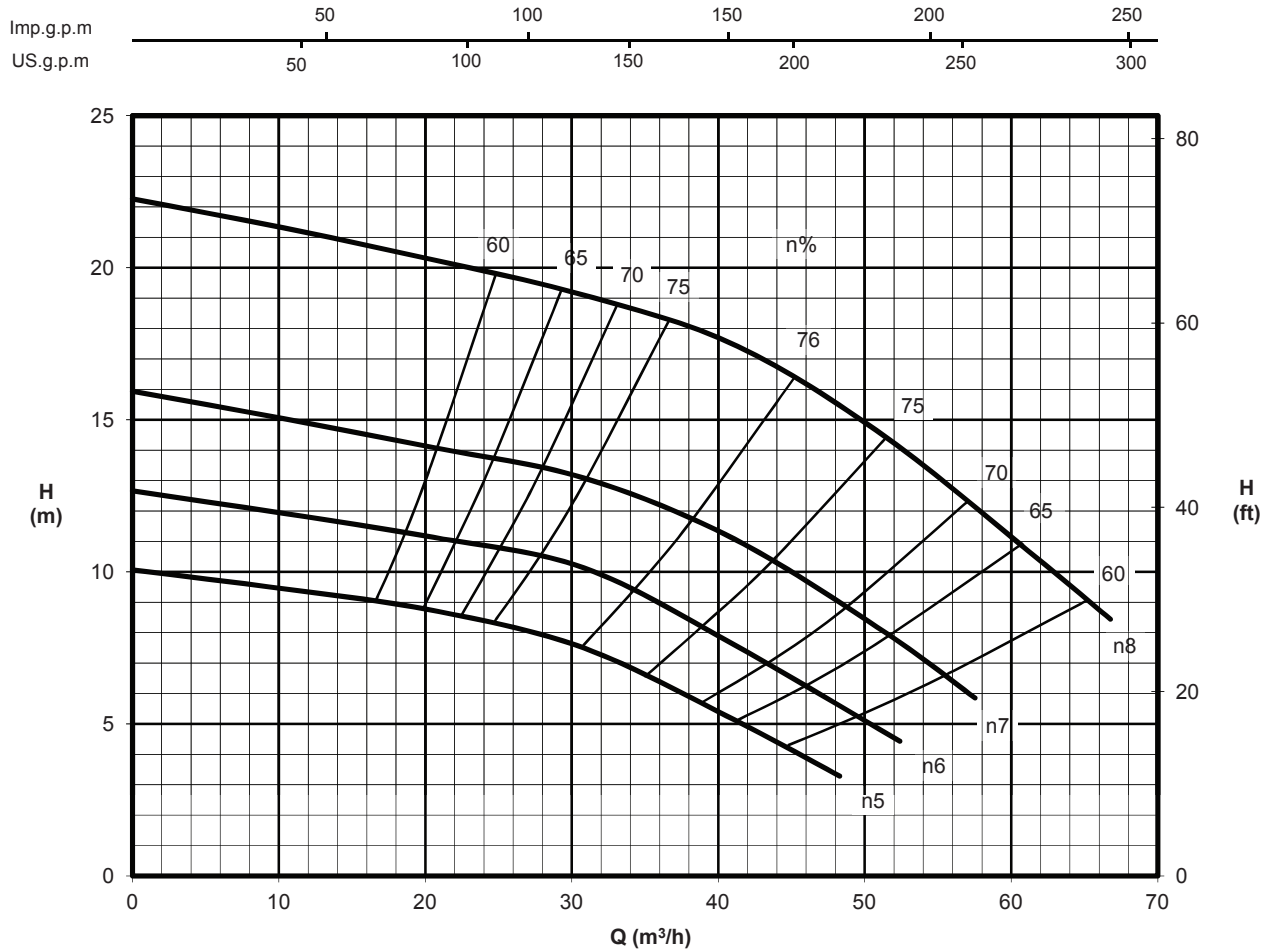
Performances per stage: n8 = 3500 r.p.m

n7 = 2960 r.p.m

n6 = 2650 r.p.m

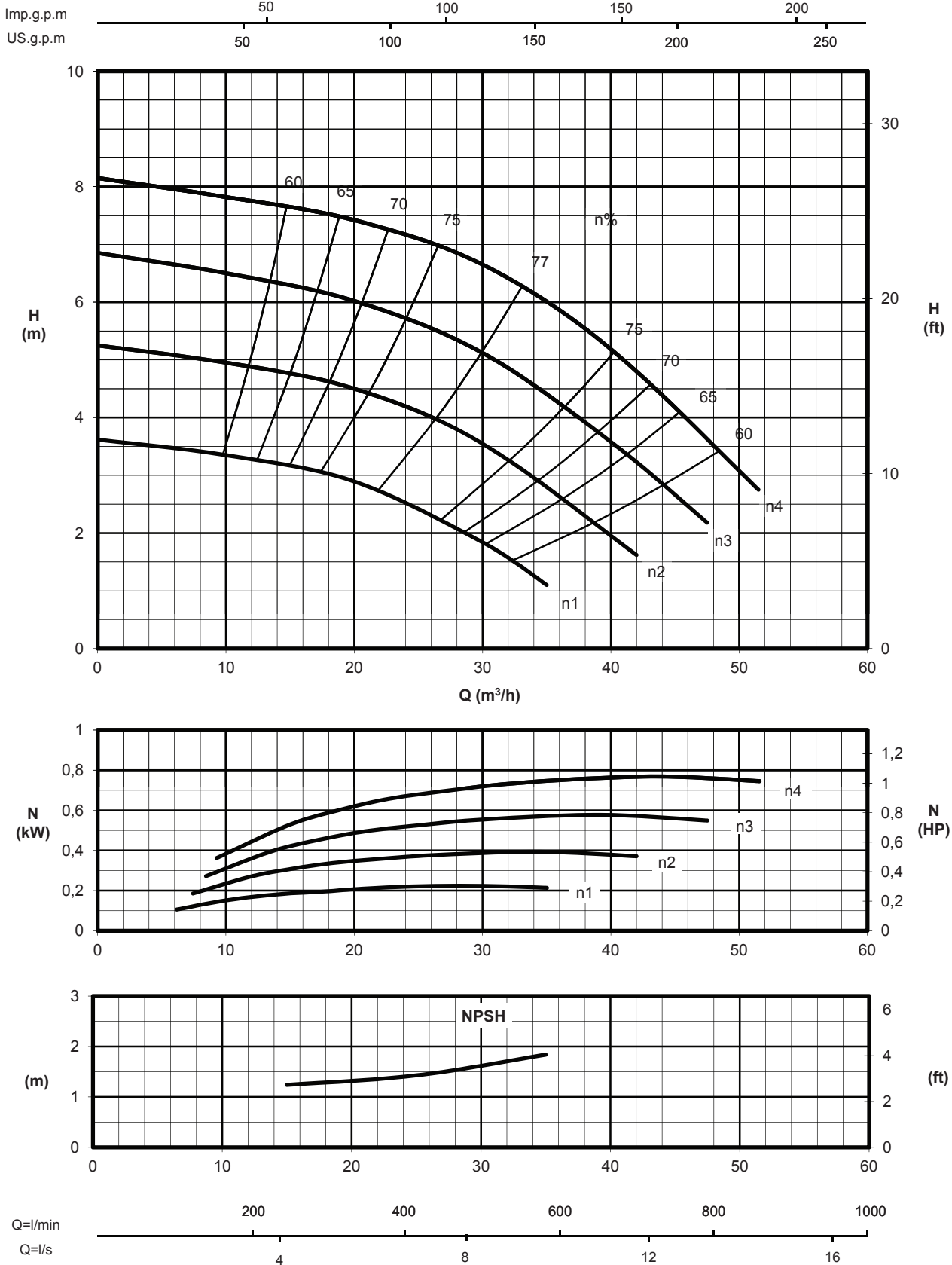
n5 = 2400 r.p.m

# A6MCV



<p><b>Bowl diameter : 142mm 5" 9/16</b></p> <p><b>Impeller type : closed</b></p>	<p><b>Column losses are not included</b></p>	<p><b>Tolerances</b></p> <p><b>ISO 9906 GRADE 2</b></p>
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Manufactured for


 Performances per stage: n4 = 2200 r.p.m  
 n3 = 2000 r.p.m  
 n2 = 1760 r.p.m  
 n1 = 1460 r.p.m  
**A6MDV**


Bowl diameter : 142mm 5" 9/16

Impeller type : closed

Column losses are not included

Tolerances

ISO 9906 GRADE 2

Manufactured for

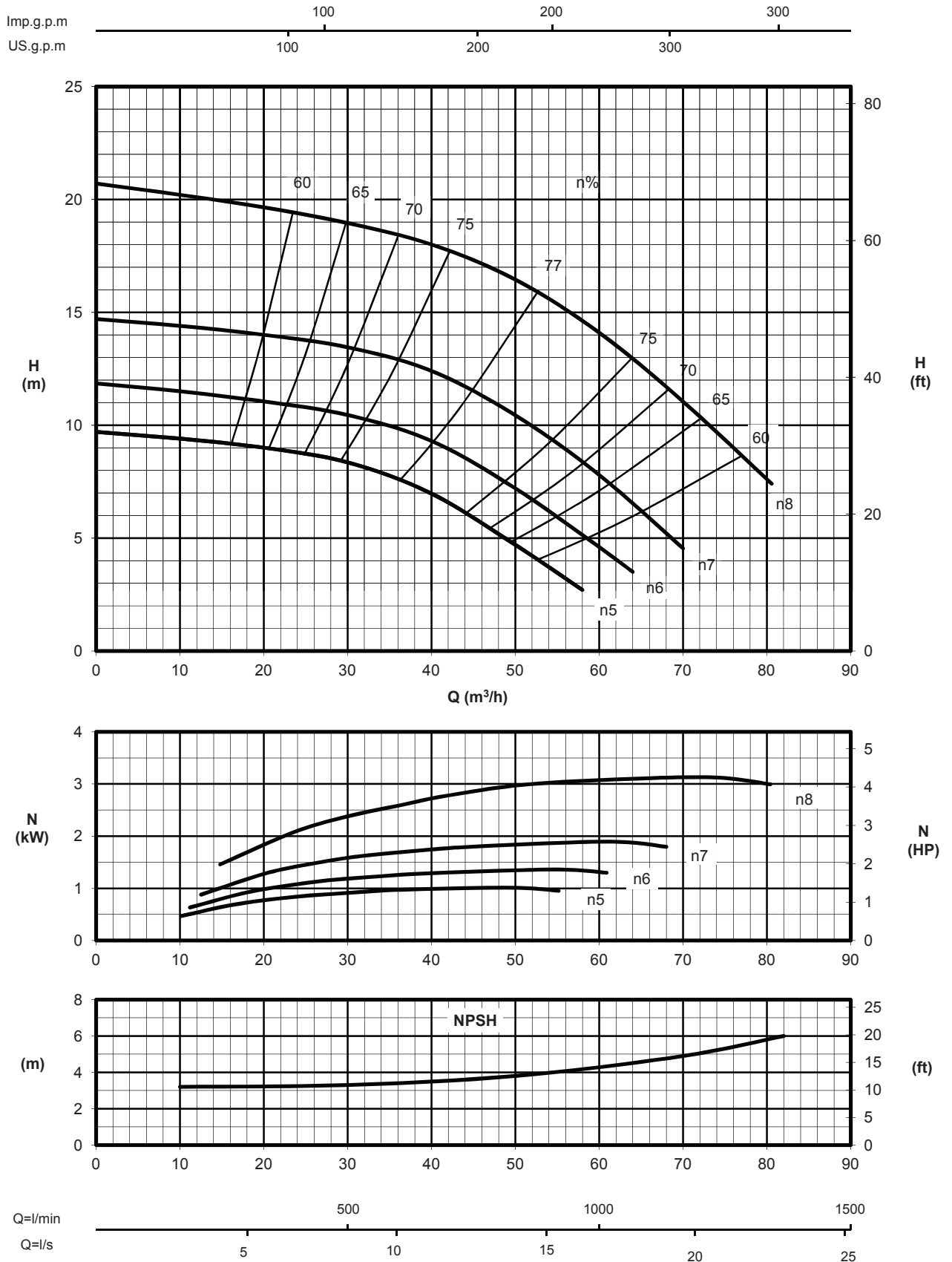


by



Performances per stage: n8 = 3500 r.p.m  
 n7 = 2960 r.p.m  
 n6 = 2650 r.p.m  
 n5 = 2400 r.p.m

# A6MDV



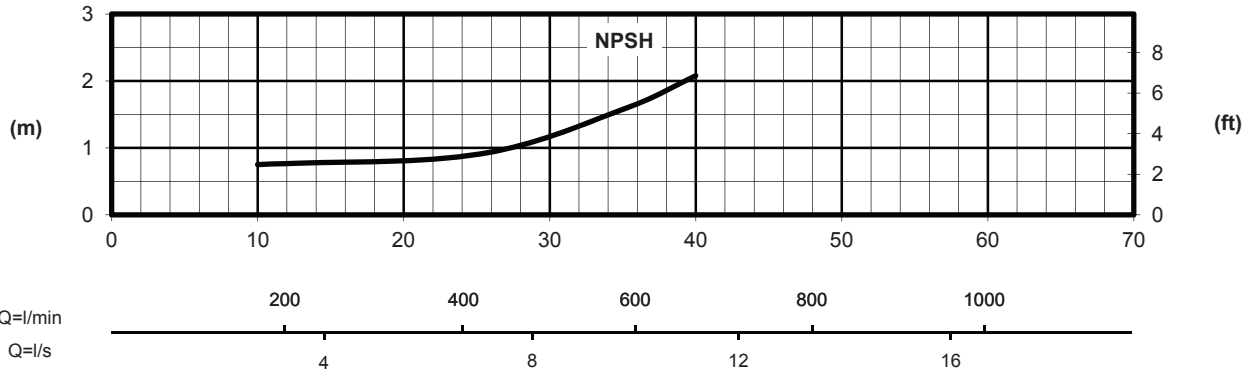
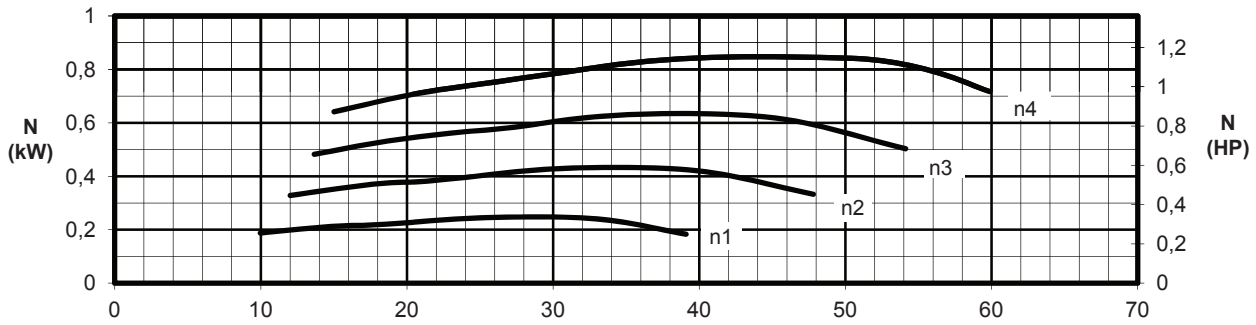
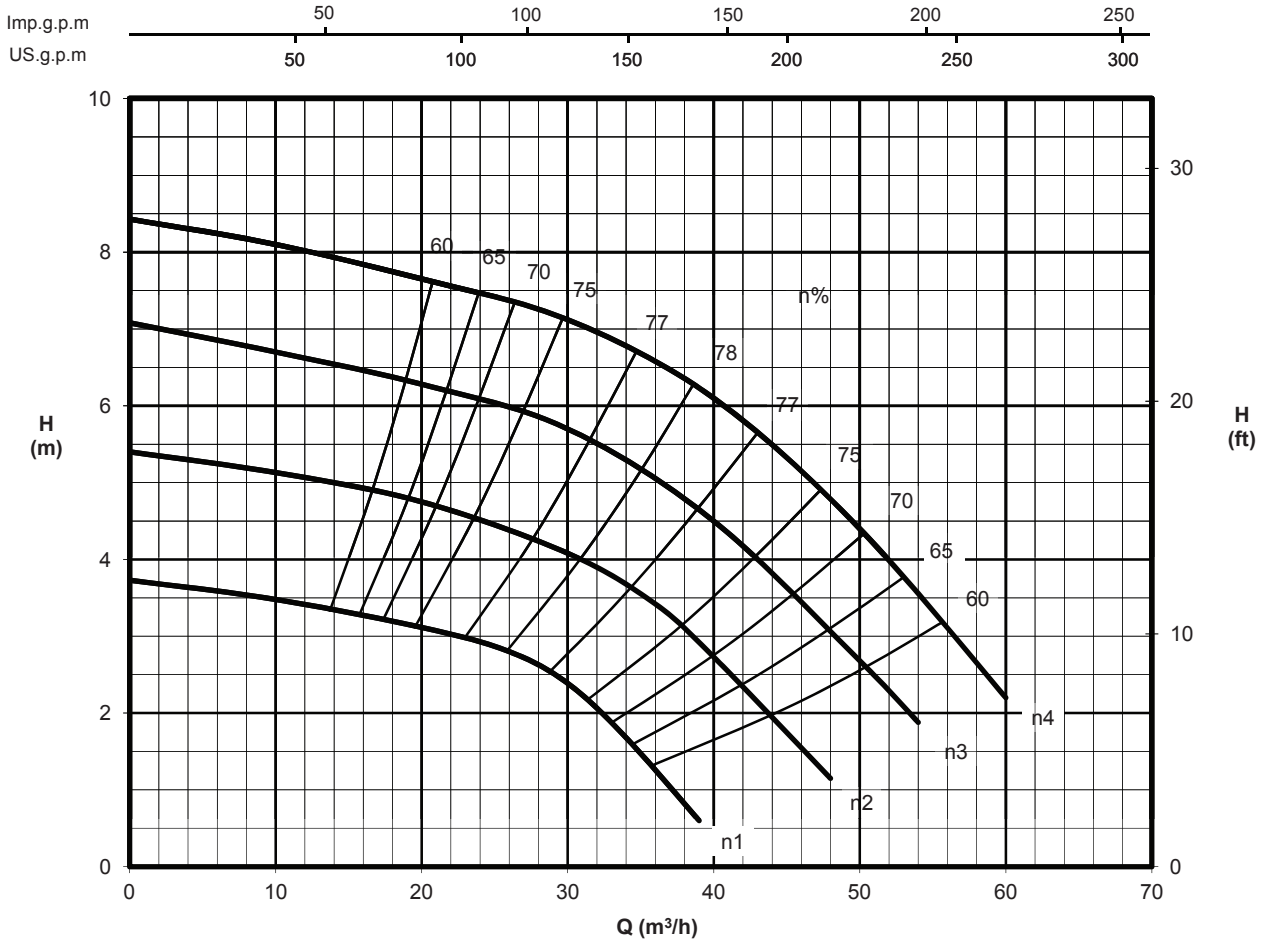
Bowl diameter : 142mm 5" 9/16 Impeller type : closed	Column losses are not included	Tolerances ISO 9906 GRADE 2
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Manufactured for



**Archimedes**  
 Pump

 by  **ANAVALOS**  
 PUMPS

 Performances per stage: n4 = 2200 r.p.m  
 n3 = 2000 r.p.m  
 n2 = 1760 r.p.m  
 n1 = 1460 r.p.m  
**A6MEV**


Bowl diameter : 142mm 5" 9/16

Impeller type : closed

Column losses are not included

Tolerances

ISO 9906 GRADE 2

Manufactured for



by



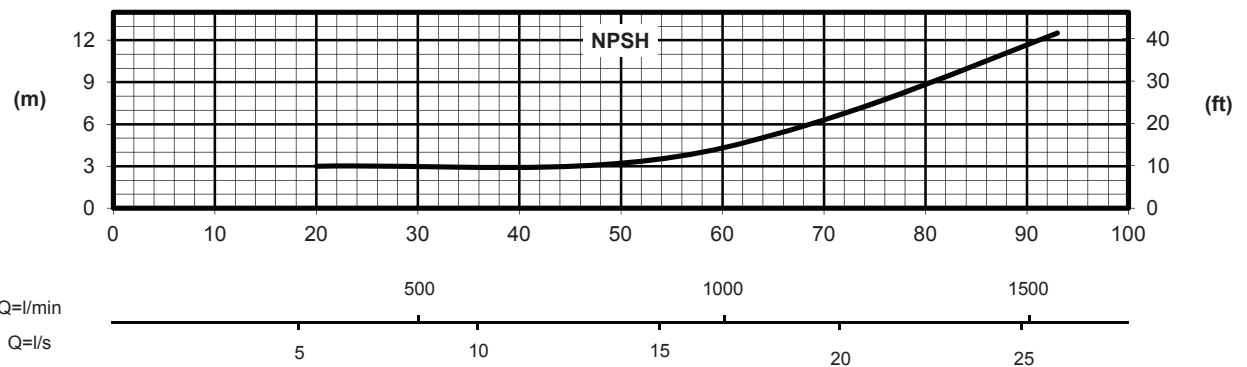
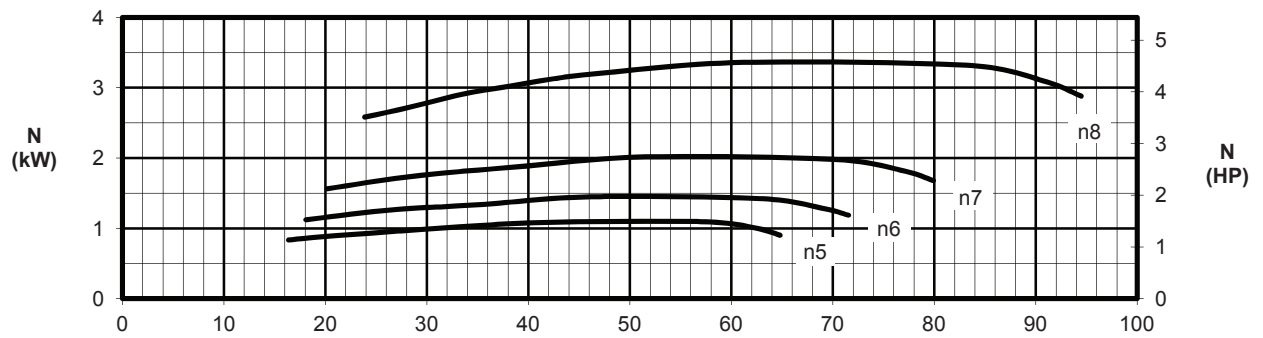
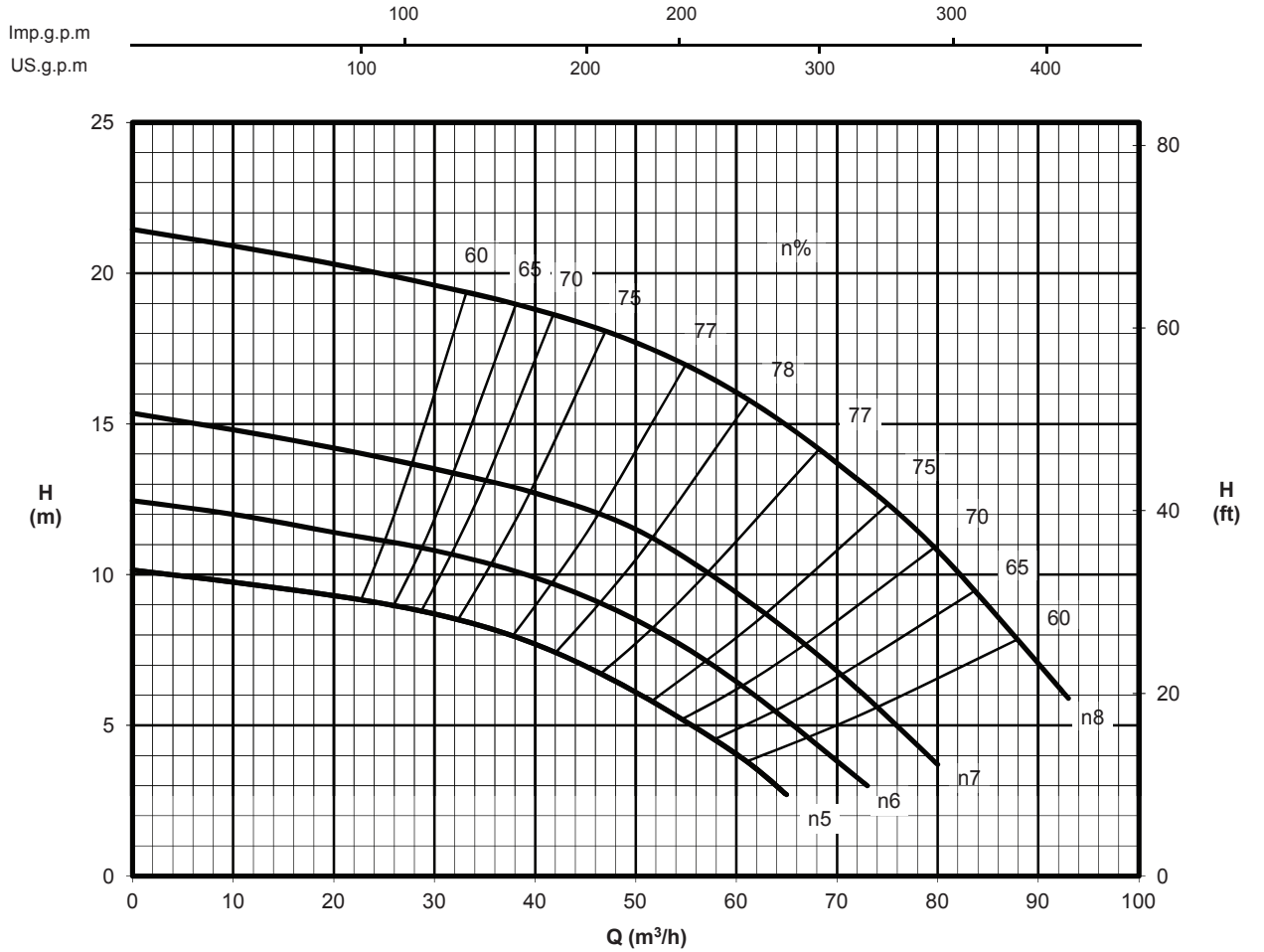
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n7 = 2960 r.p.m

n6 = 2650 r.p.m

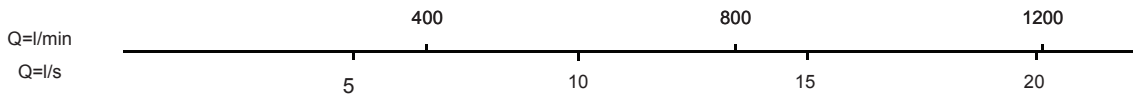
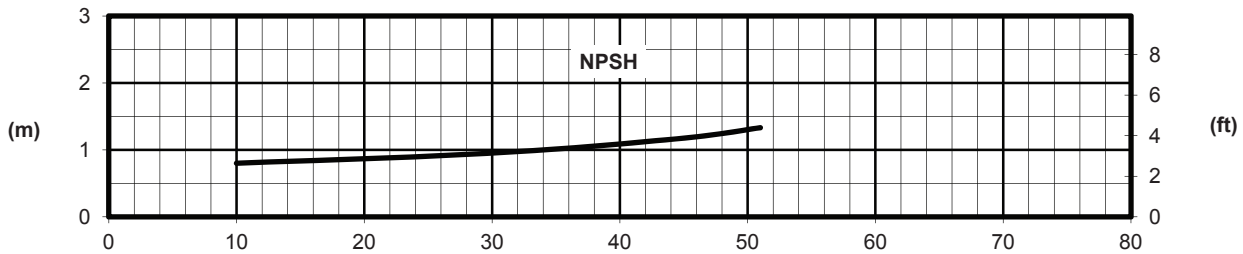
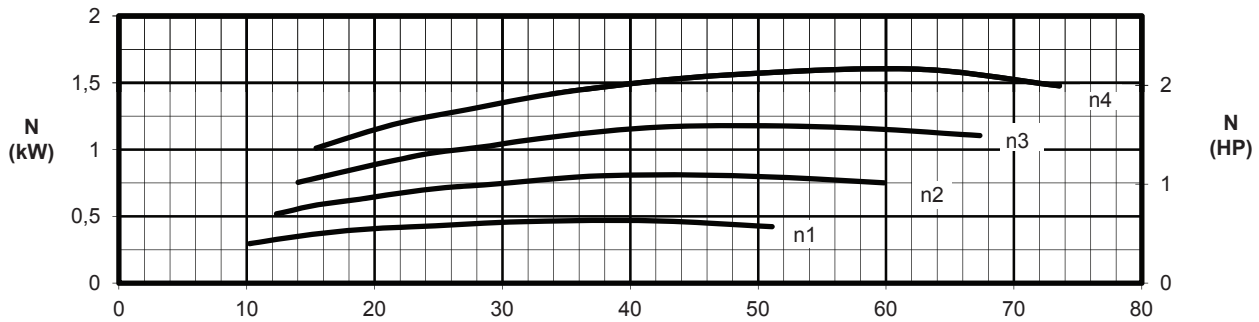
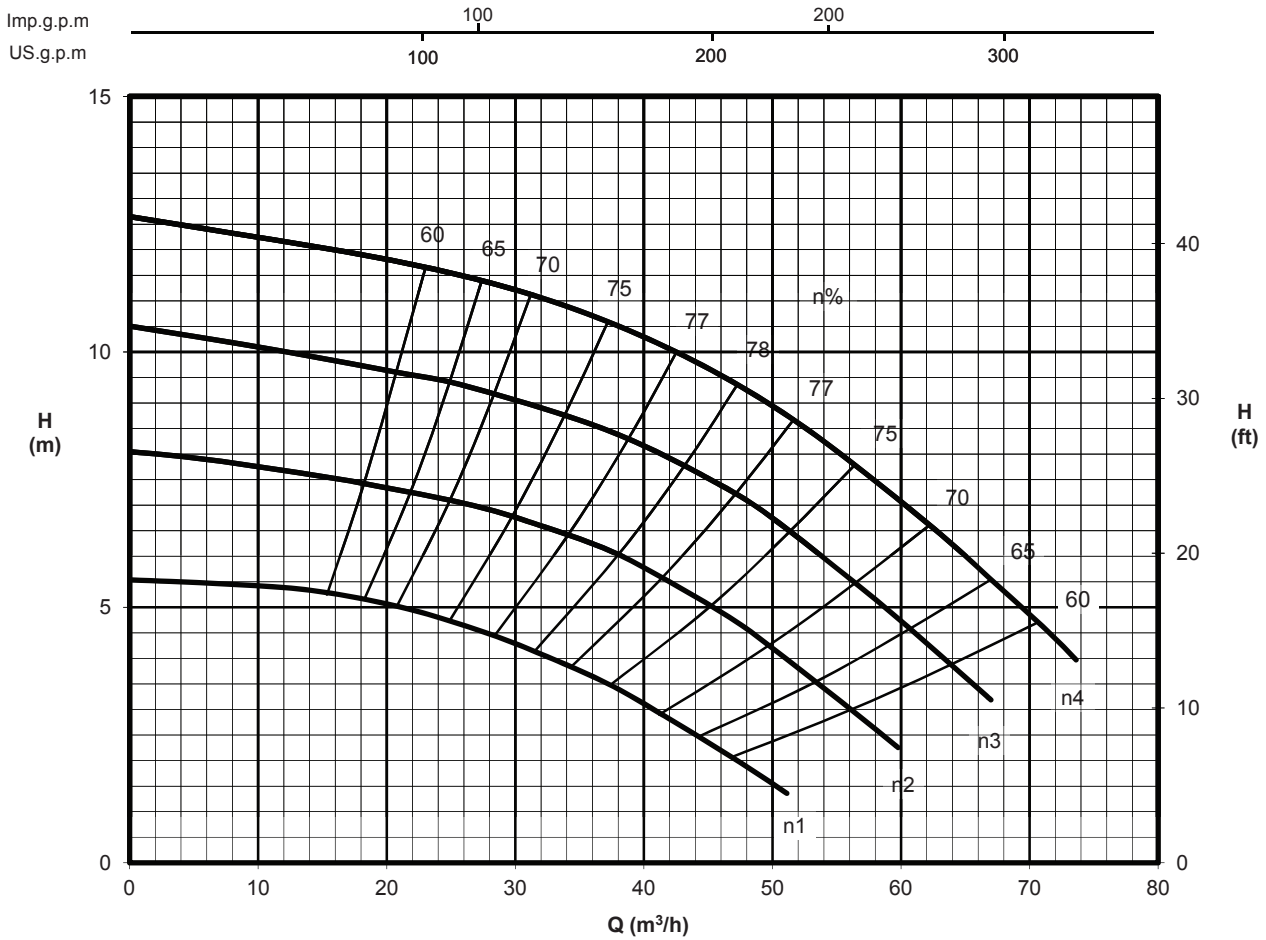
n5 = 2400 r.p.m

# A6MEV



Bowl diameter : 142mm 5" 9/16 Impeller type : closed	Column losses are not included	Tolerances ISO 9906 GRADE 2
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Manufactured for


 Performances per stage: n4 = 2200 r.p.m  
 n3 = 2000 r.p.m  
 n2 = 1760 r.p.m  
 n1 = 1460 r.p.m  
**A7MAV**


Bowl diameter : 170mm 6" 11/16

Impeller type : closed

Column losses are not included

Tolerances

ISO 9906 GRADE 2

Manufactured for



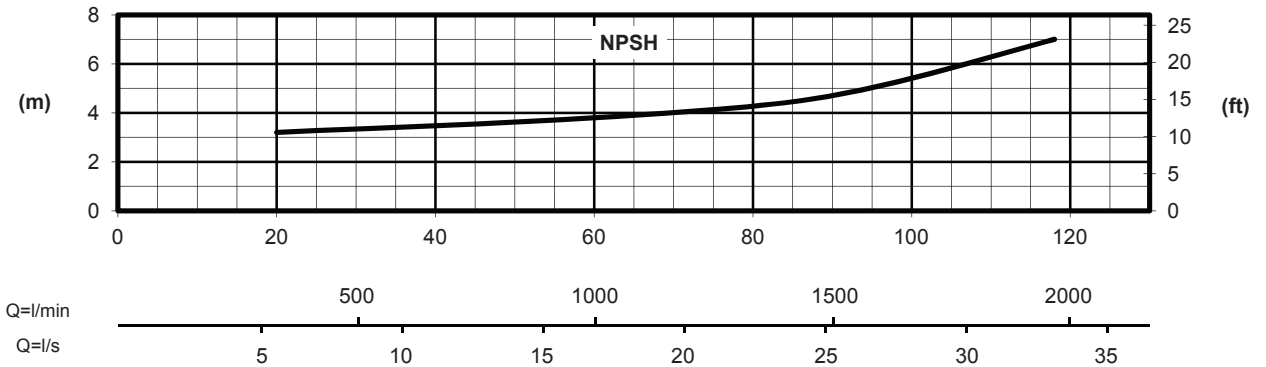
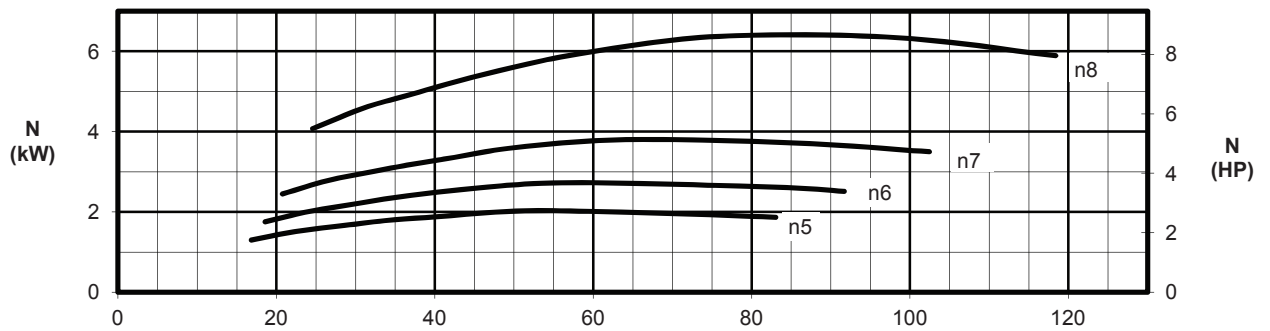
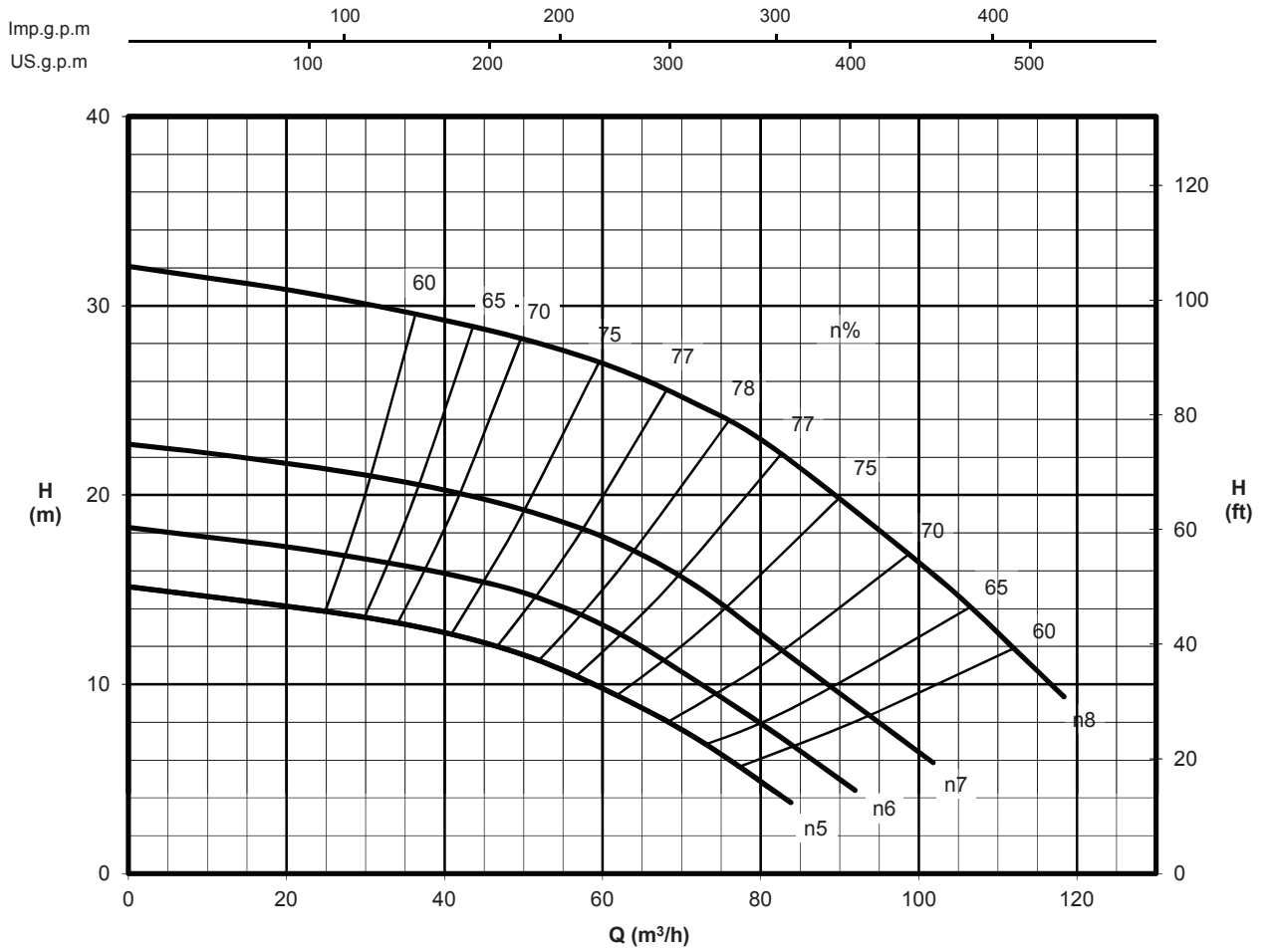
Performances per stage: n8 = 3500 r.p.m

n7 = 2960 r.p.m

n6 = 2650 r.p.m

n5 = 2400 r.p.m

**A7MAV**



Bowl diameter : 170mm 6" 11/16

Impeller type : closed

Column losses are not included

Tolerances

ISO 9906 GRADE 2

Manufactured for

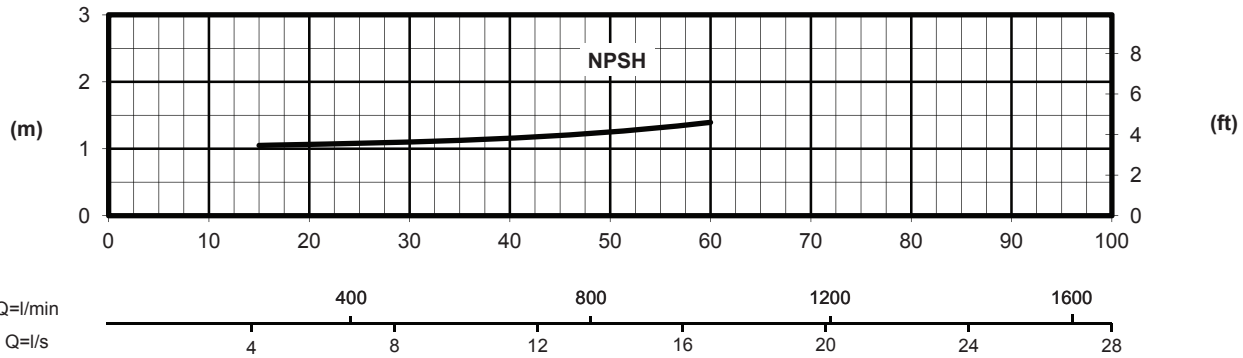
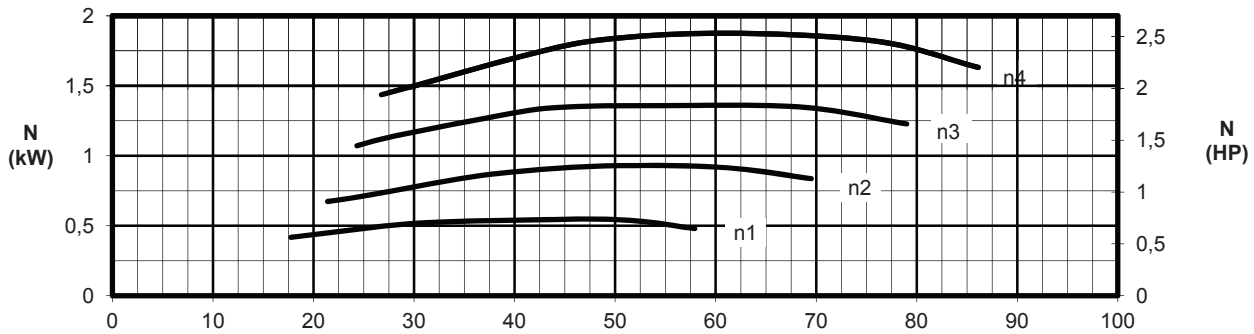
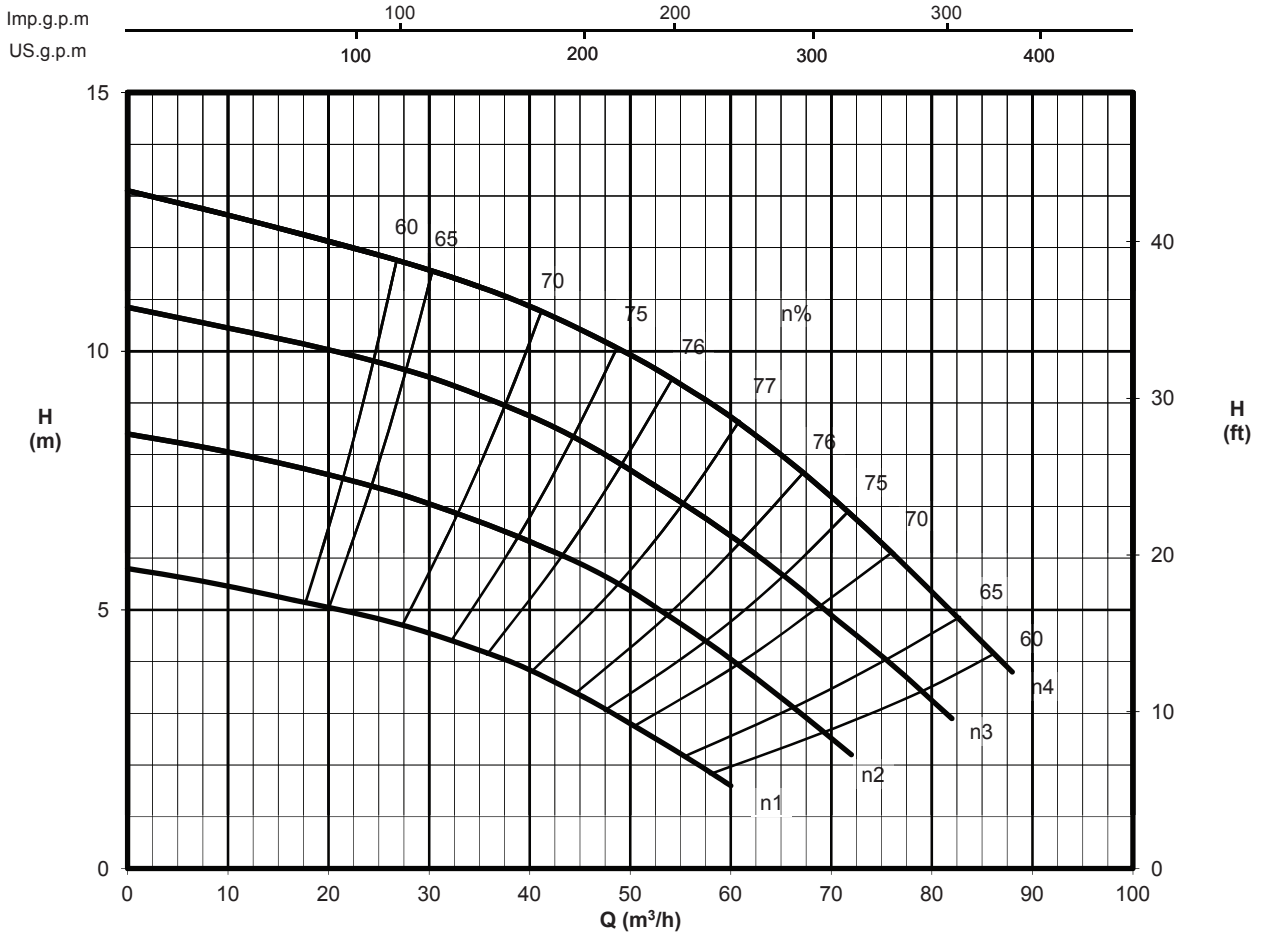


**Archimedes**  
 Pump

by


**ANAVALOS**  
 PUMPS

 Performances per stage: n4 = 2200 r.p.m  
 n3 = 2000 r.p.m  
 n2 = 1760 r.p.m  
 n1 = 1460 r.p.m

**A7MBV**


Bowl diameter : 170mm 6" 11/16	Column losses are not included	Tolerances ISO 9906 GRADE 2
Impeller type : closed		

Manufactured for



by



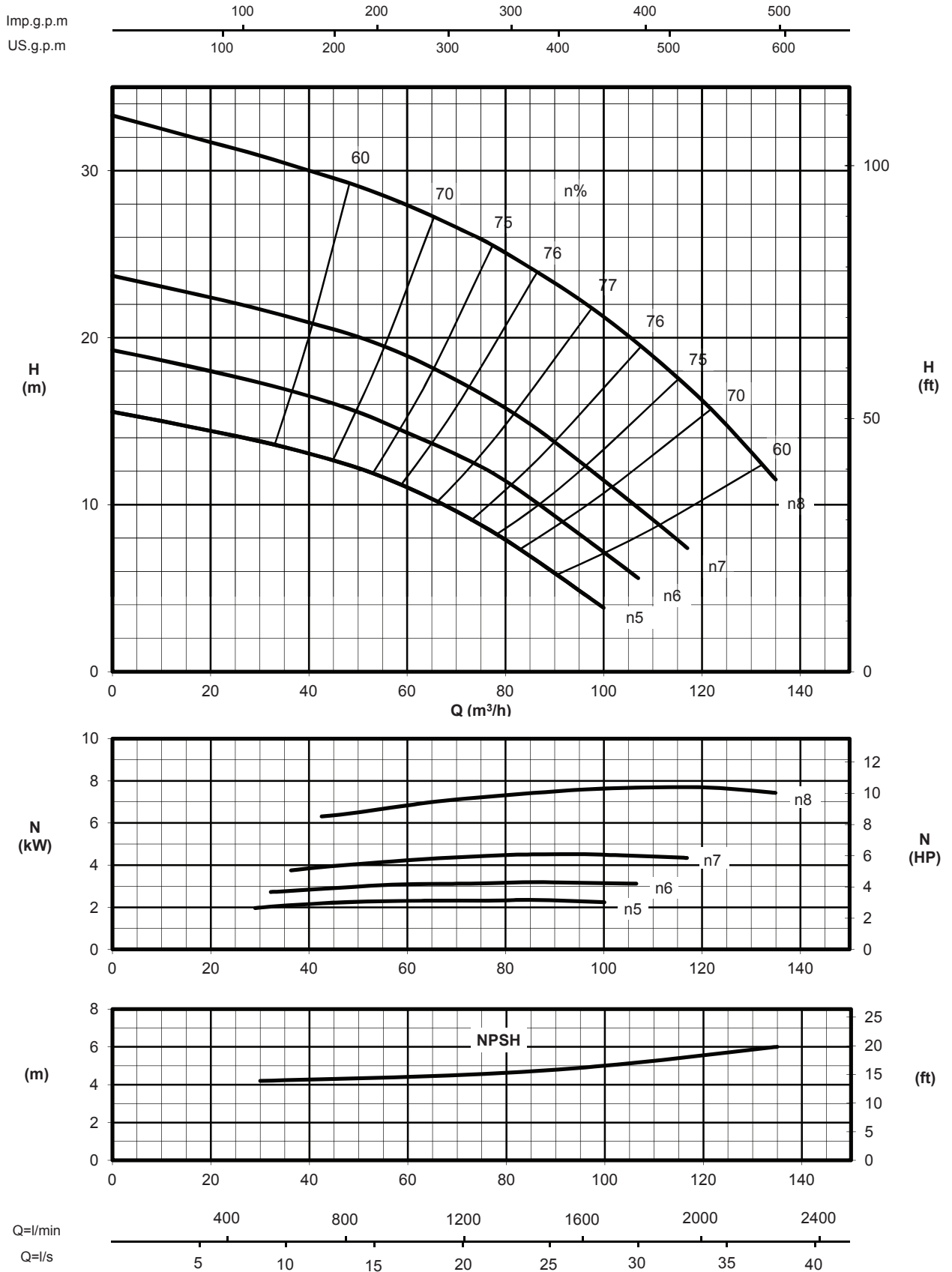
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n7 = 2960 r.p.m

n6 = 2650 r.p.m

n5 = 2400 r.p.m

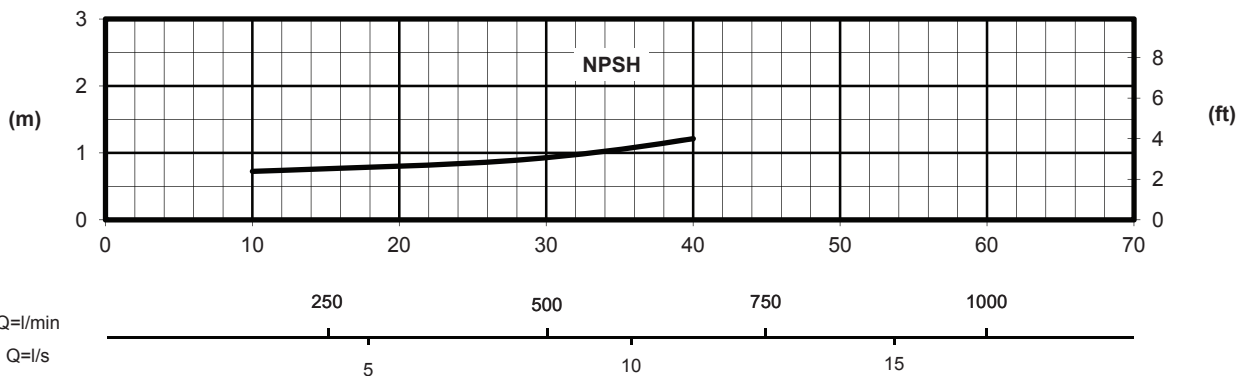
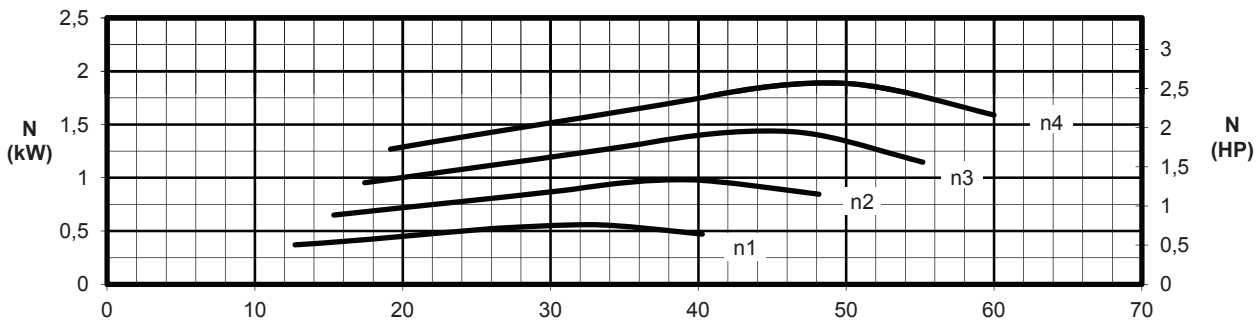
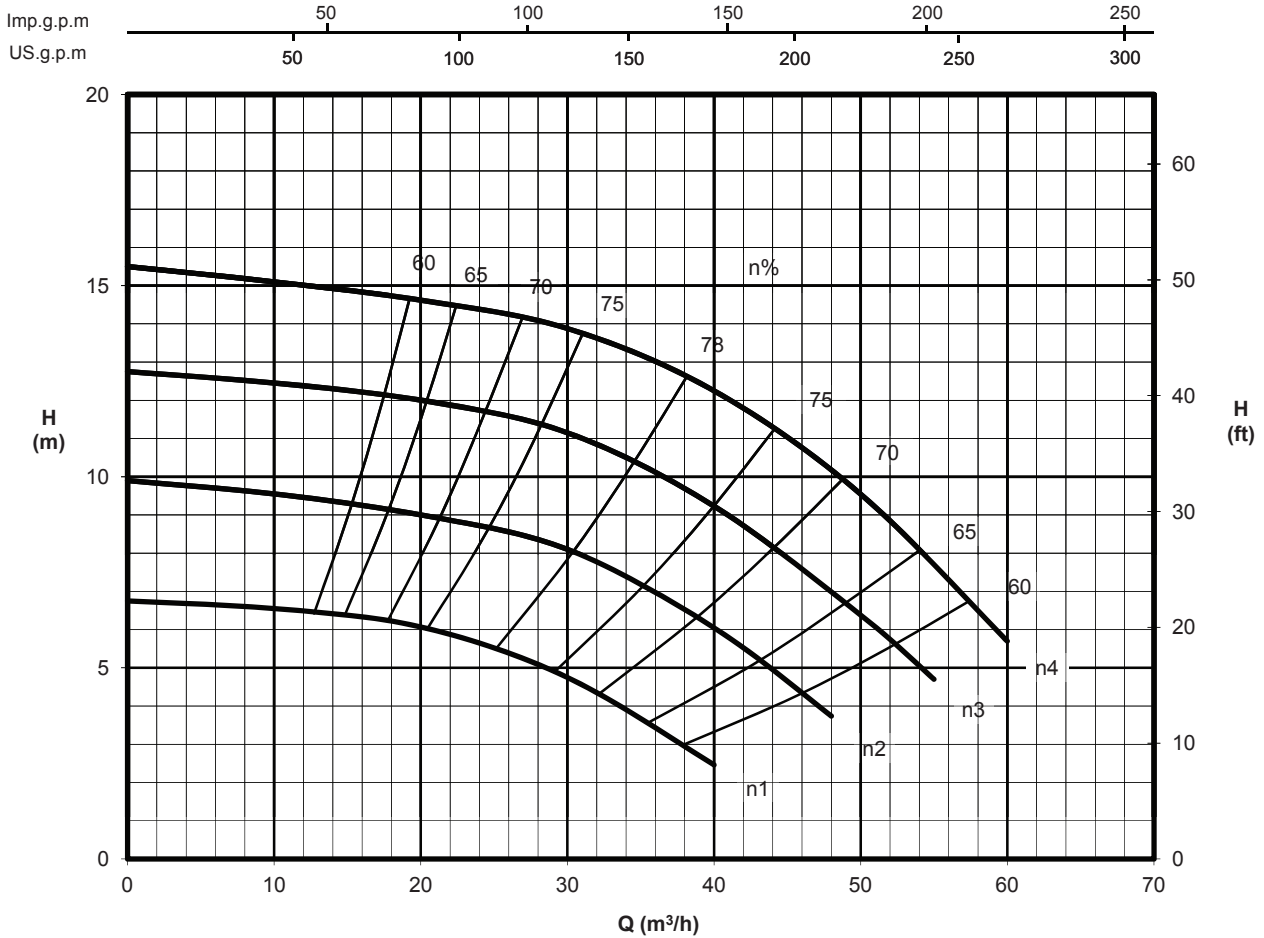
# A7MBV



<b>Bowl diameter : 170mm 6" 11/16</b> Impeller type : closed	Column losses are not included	<b>Tollerances</b> ISO 9906 GRADE 2
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Manufactured for


 by **ANAVALOS**  
 PUMPS

 Performances per stage: n4 = 2200 r.p.m  
 n3 = 2000 r.p.m  
 n2 = 1760 r.p.m  
 n1 = 1460 r.p.m  
**A8MAV**


Bowl diameter : 190mm 7" 1/2

Impeller type : closed

Column losses are not included

Tolerances

ISO 9906 Grade 2

Manufactured for

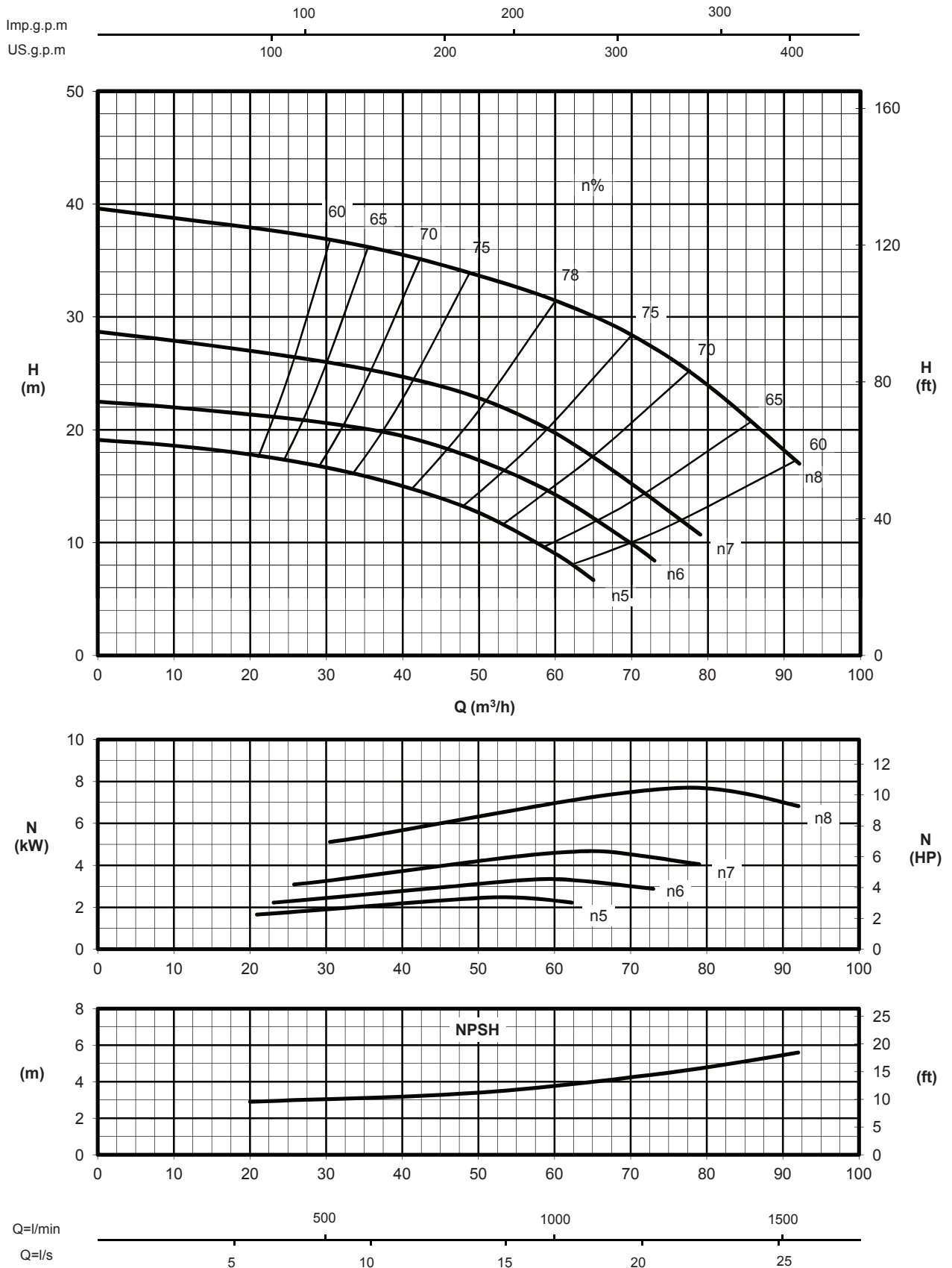


by



Performances per stage: n8 = 3500 r.p.m  
 n7 = 2960 r.p.m  
 n6 = 2650 r.p.m  
 n5 = 2400 r.p.m

# A8MAV



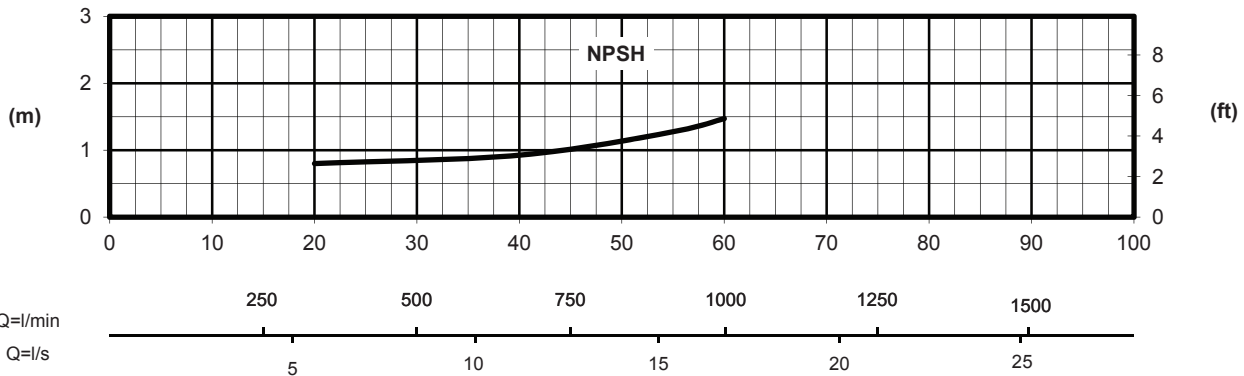
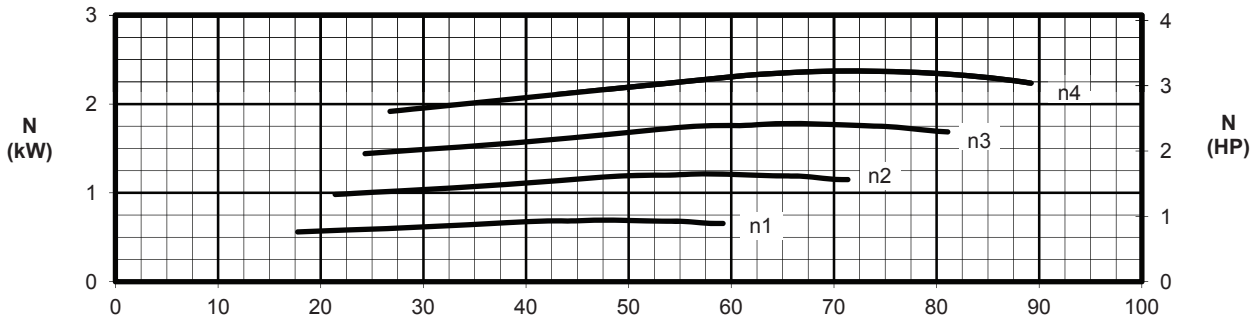
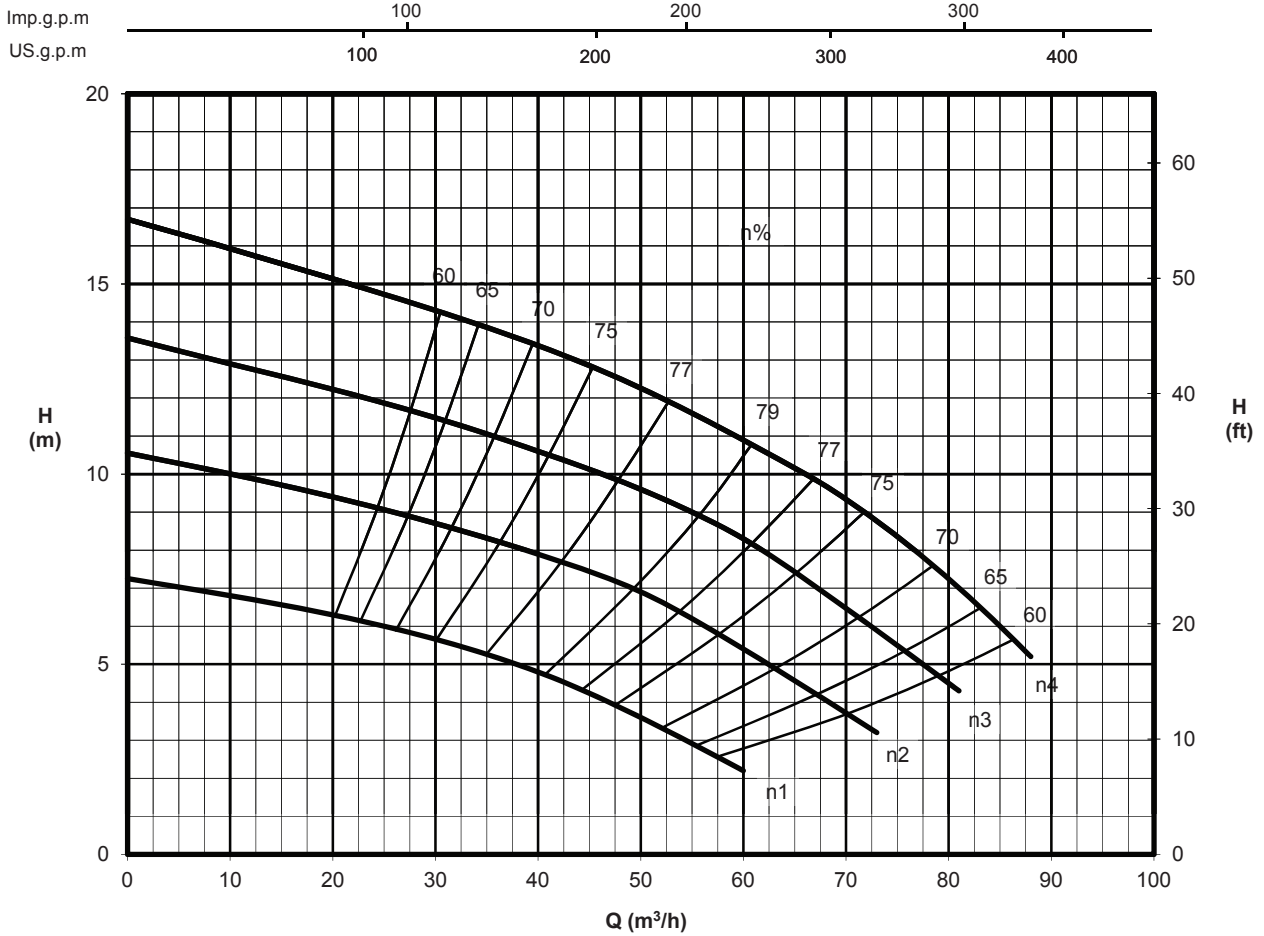
Bowl diameter : 190mm 7" 1/2 Impeller type : closed	Column losses are not included	Tolerances ISO 9906 grade 2
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Manufactured for



**Archimedes**  
 Pump

 by  **ANAVALOS**  
 PUMPS

 Performances per stage: n4 = 2200 r.p.m  
 n3 = 2000 r.p.m  
 n2 = 1760 r.p.m  
 n1 = 1460 r.p.m  
**A8MBV**


Bowl diameter : 190mm 7" 1/2

Impeller type : closed

Column losses are not included

Tolerances

ISO 9906 Grade 2

Manufactured for



**Archimedes**  
Pump

by

**ANAVALOS**  
PUMPS

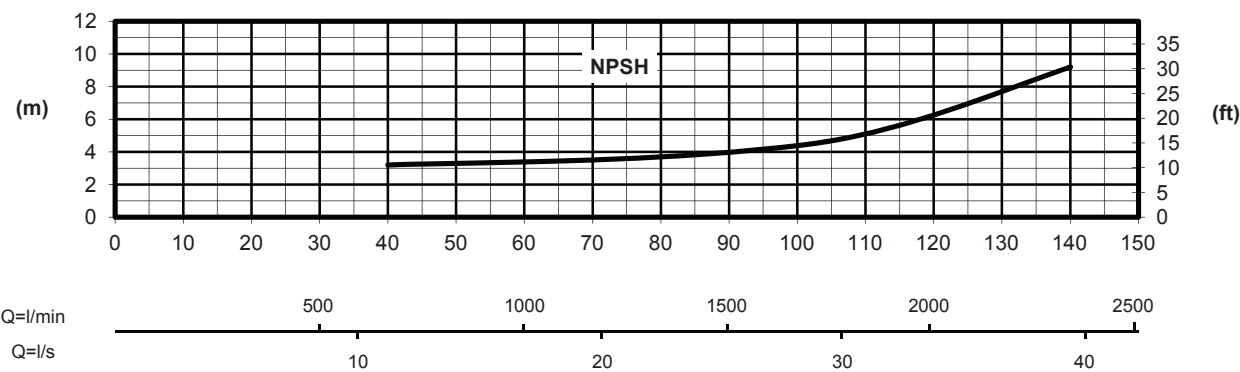
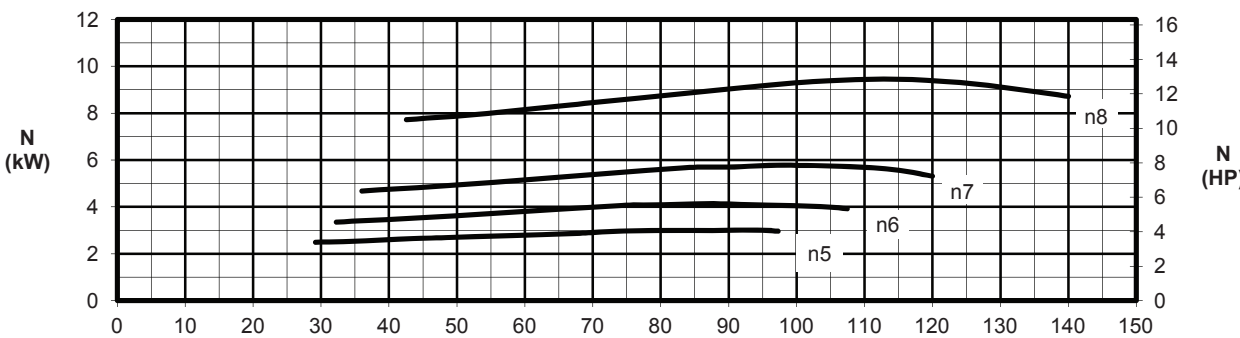
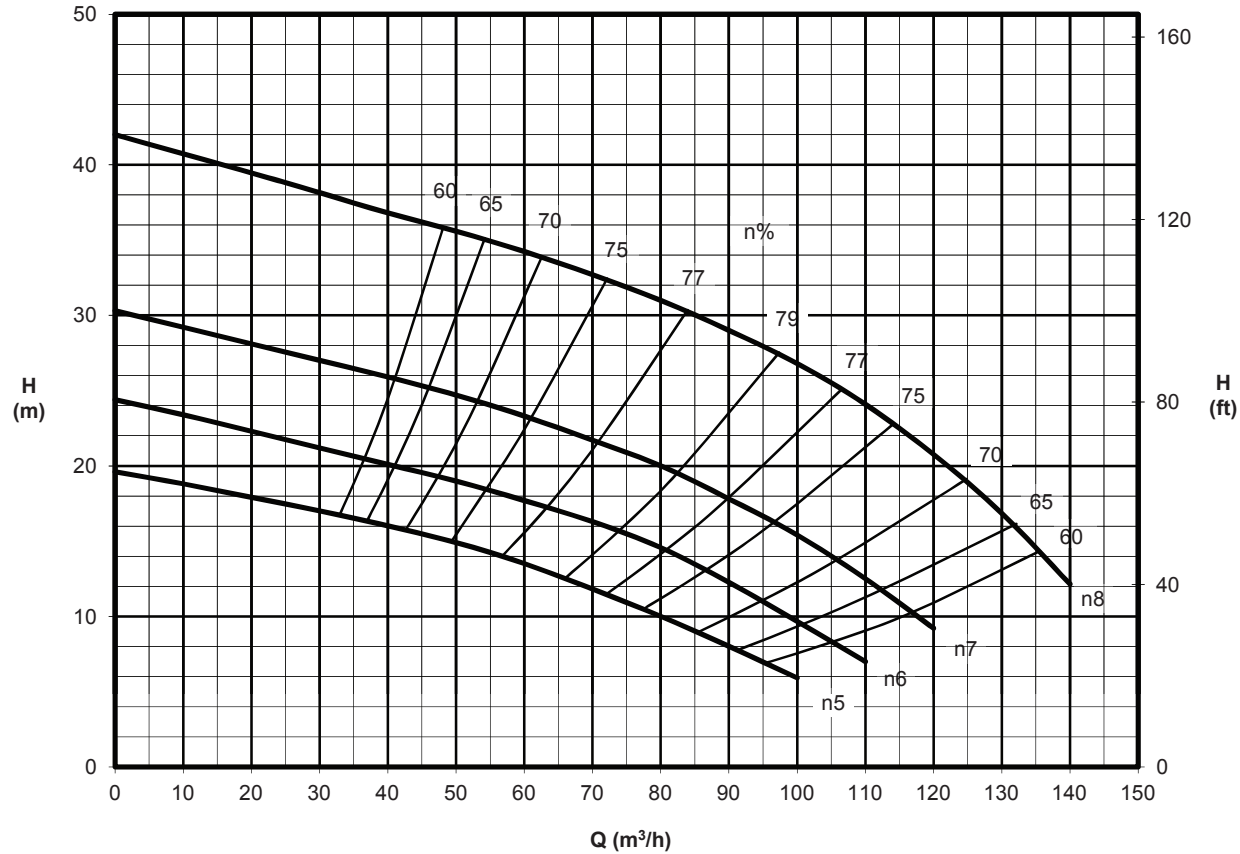
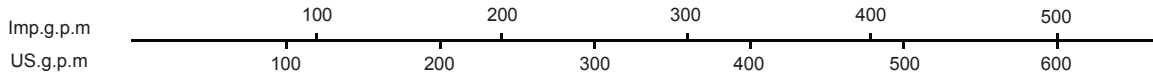
Performances per stage: n8 = 3500 r.p.m

n7 = 2960 r.p.m

n6 = 2650 r.p.m

n5 = 2400 r.p.m

**A8MBV**



Bowl diameter : 190mm 7" 1/2 Impeller type : closed	Column losses are not included	Tolerances ISO 9906 grade 2
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Manufactured for

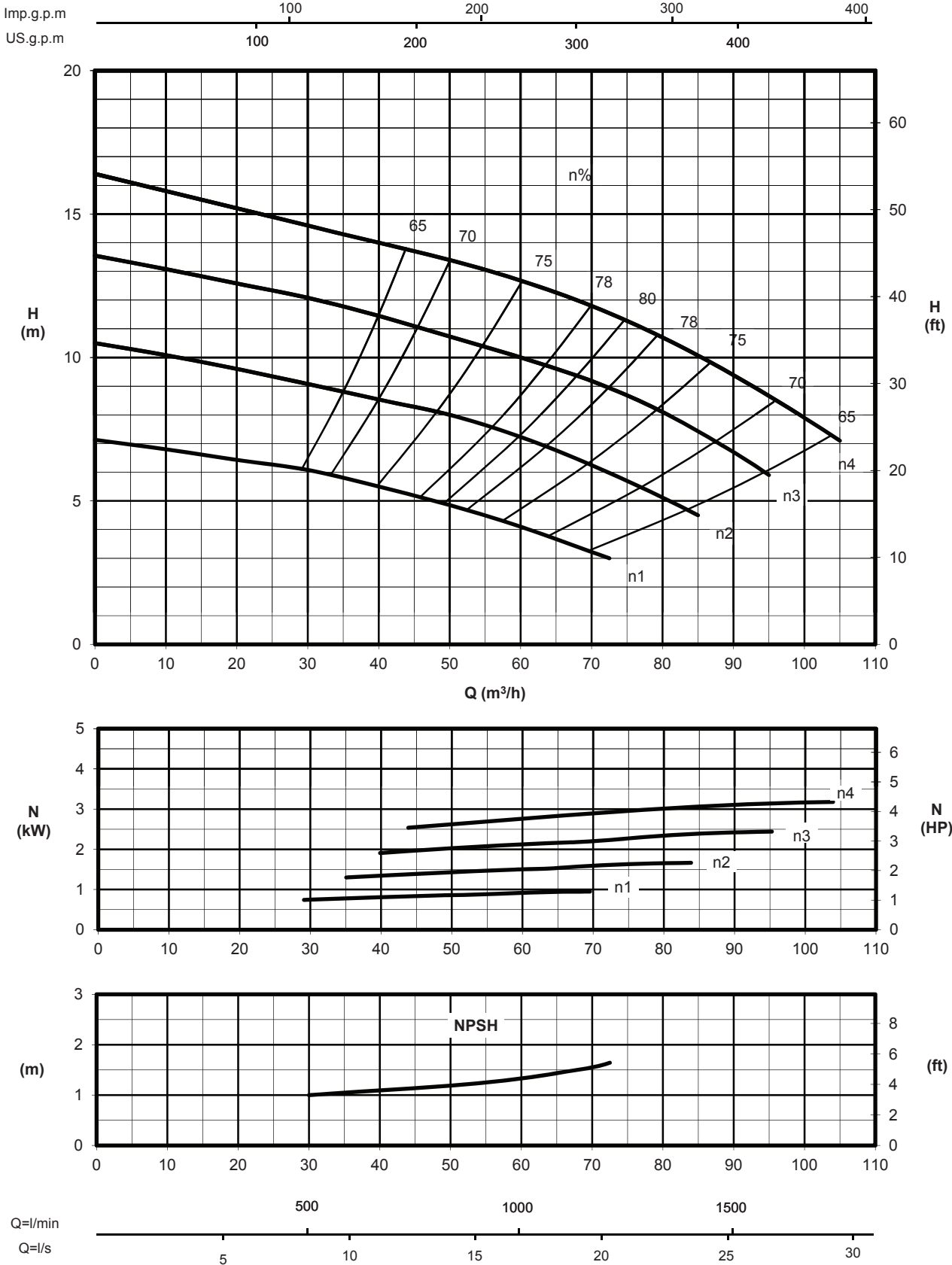


**Archimedes**  
Pump

by


**ANAVALOS**  
PUMPS

 Performances per stage: n4 = 2200 r.p.m  
 n3 = 2000 r.p.m  
 n2 = 1760 r.p.m  
 n1 = 1460 r.p.m

**A8MCV**


Bowl diameter : 190mm 7" 1/2 Impeller type : closed	Column losses are not included	Tolerances ISO 9906 Grade 2
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Manufactured for



by



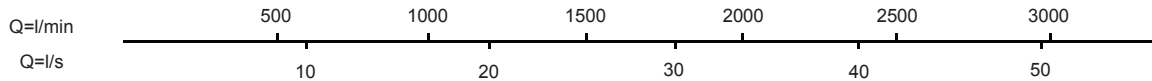
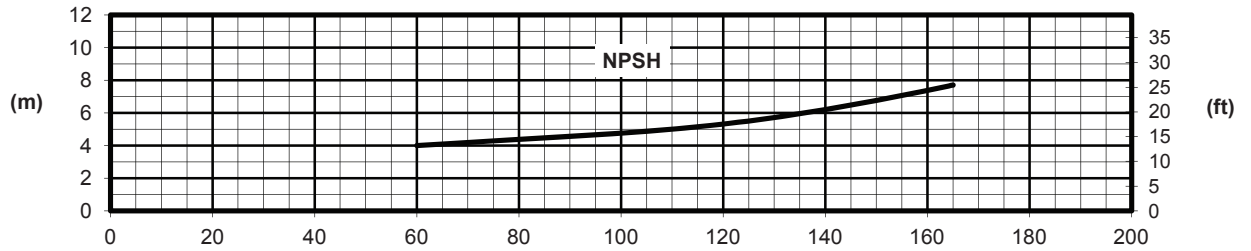
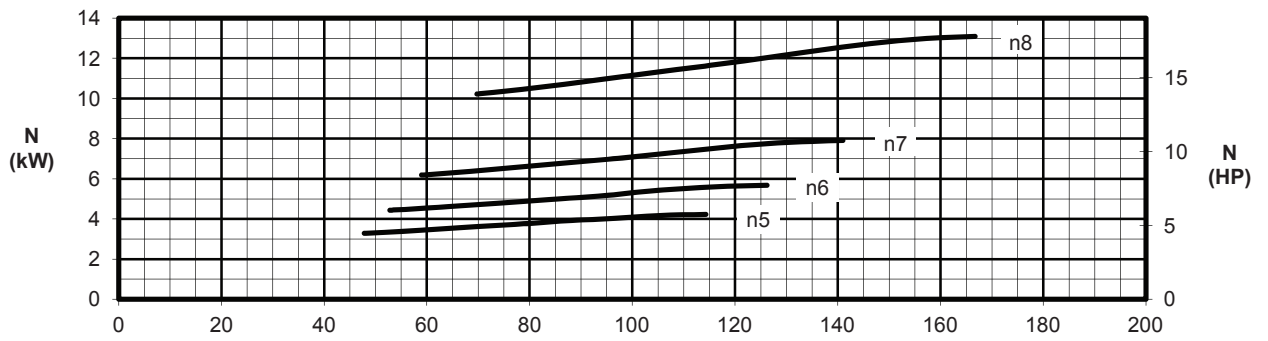
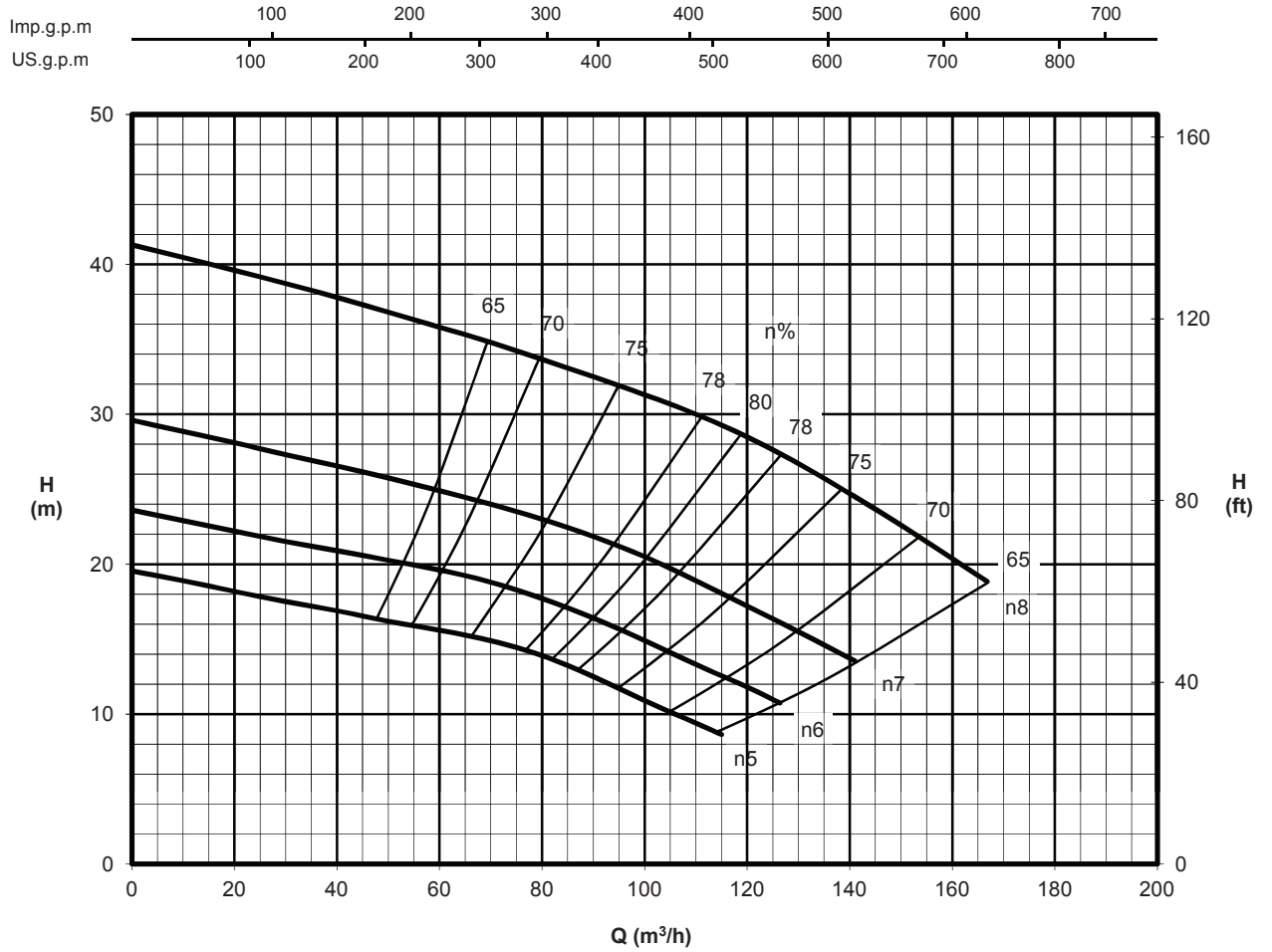
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n7 = 2960 r.p.m

n6 = 2650 r.p.m

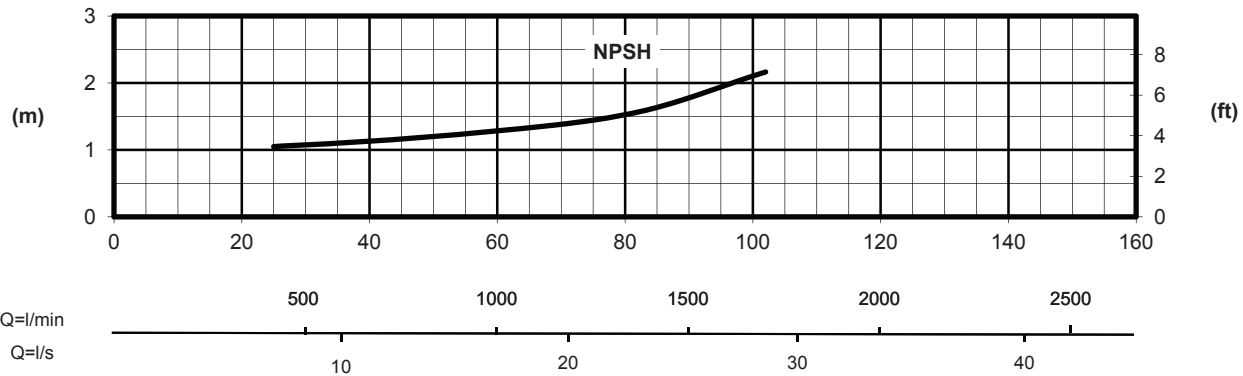
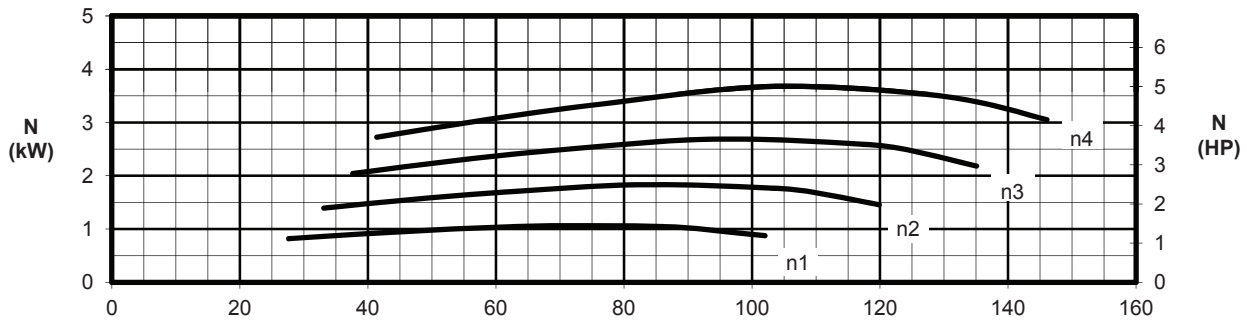
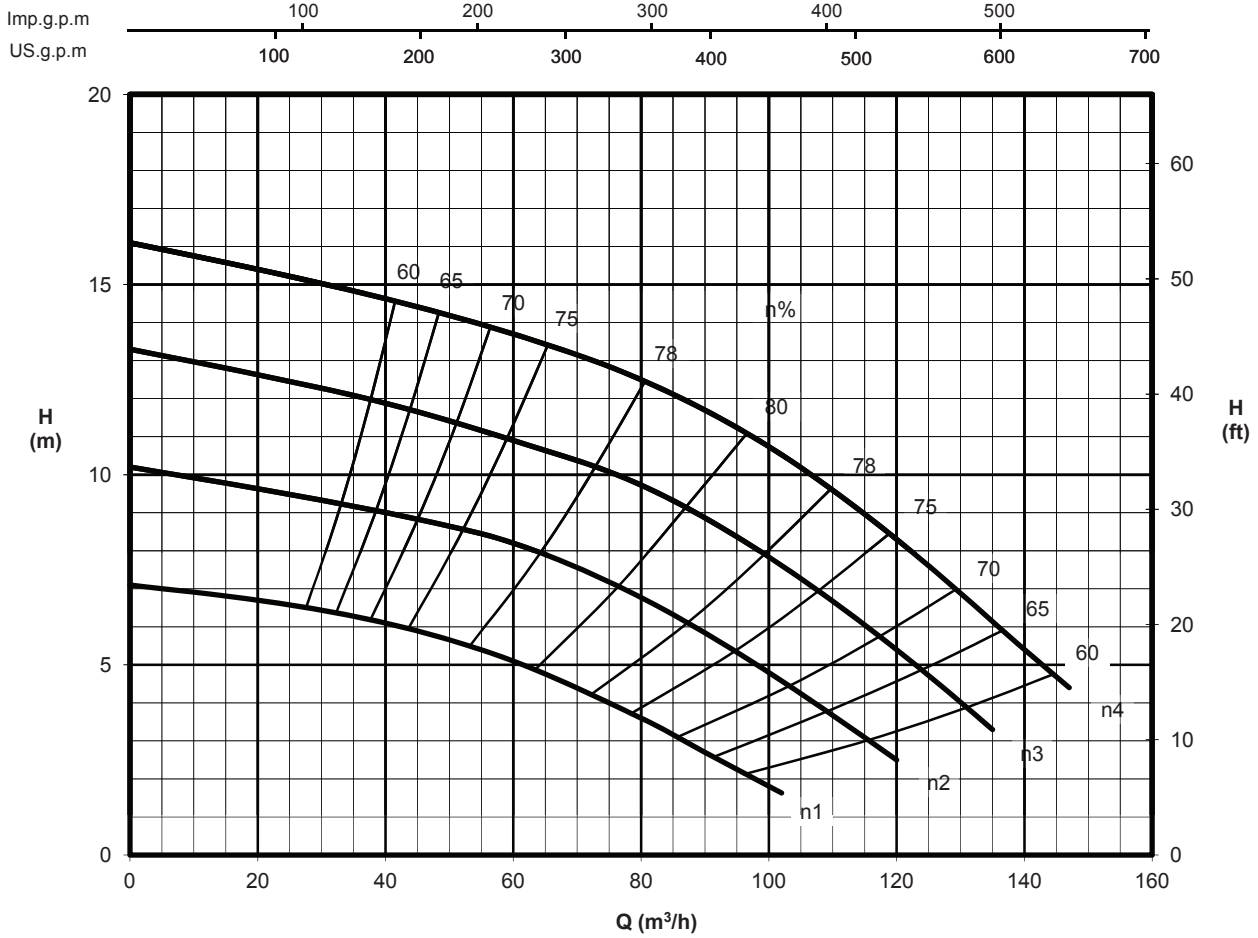
n5 = 2400 r.p.m

# A8MCV



Bowl diameter : 190mm 7" 1/2 Impeller type : closed	Column losses are not included	Tolerances ISO 9906 grade 2
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Manufactured for


 Performances per stage: n4 = 2200 r.p.m  
 n3 = 2000 r.p.m  
 n2 = 1760 r.p.m  
 n1 = 1460 r.p.m  
**A8MDV**


Bowl diameter : 190mm 7" 1/2

Impeller type : closed

Column losses are not included

Tolerances

ISO 9906 Grade 2

Manufactured for



by



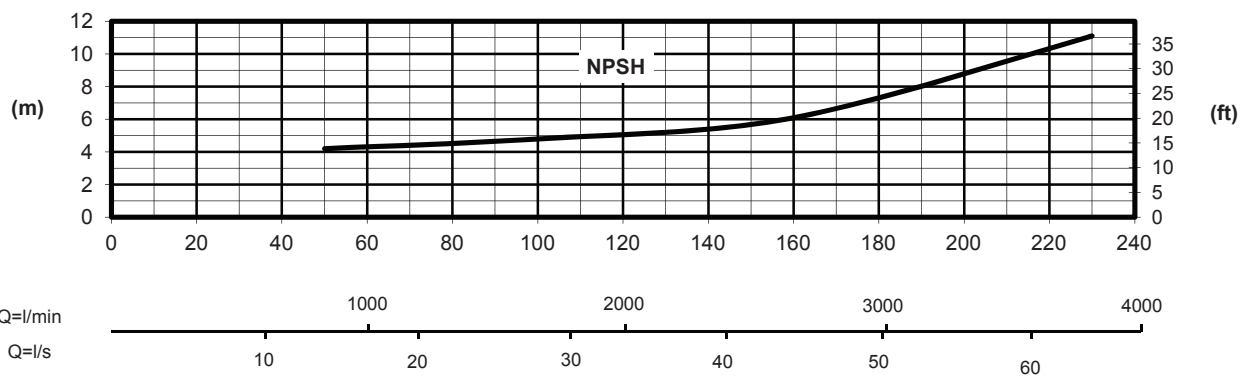
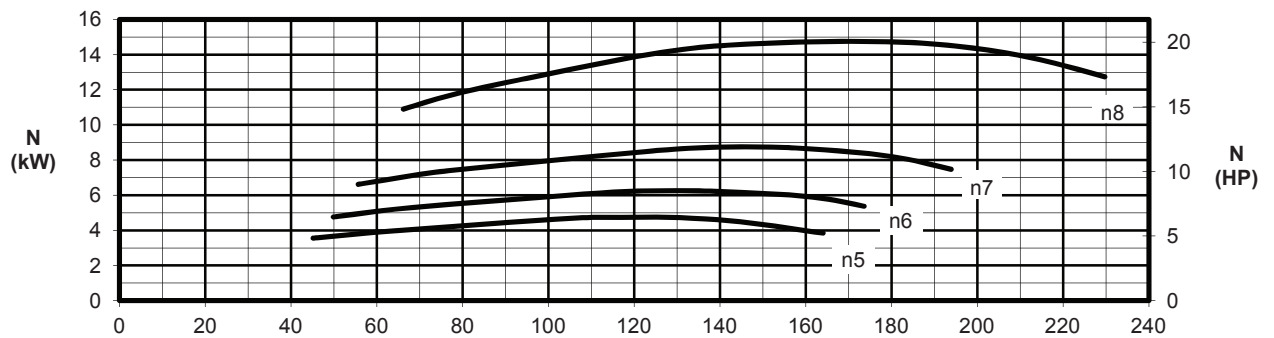
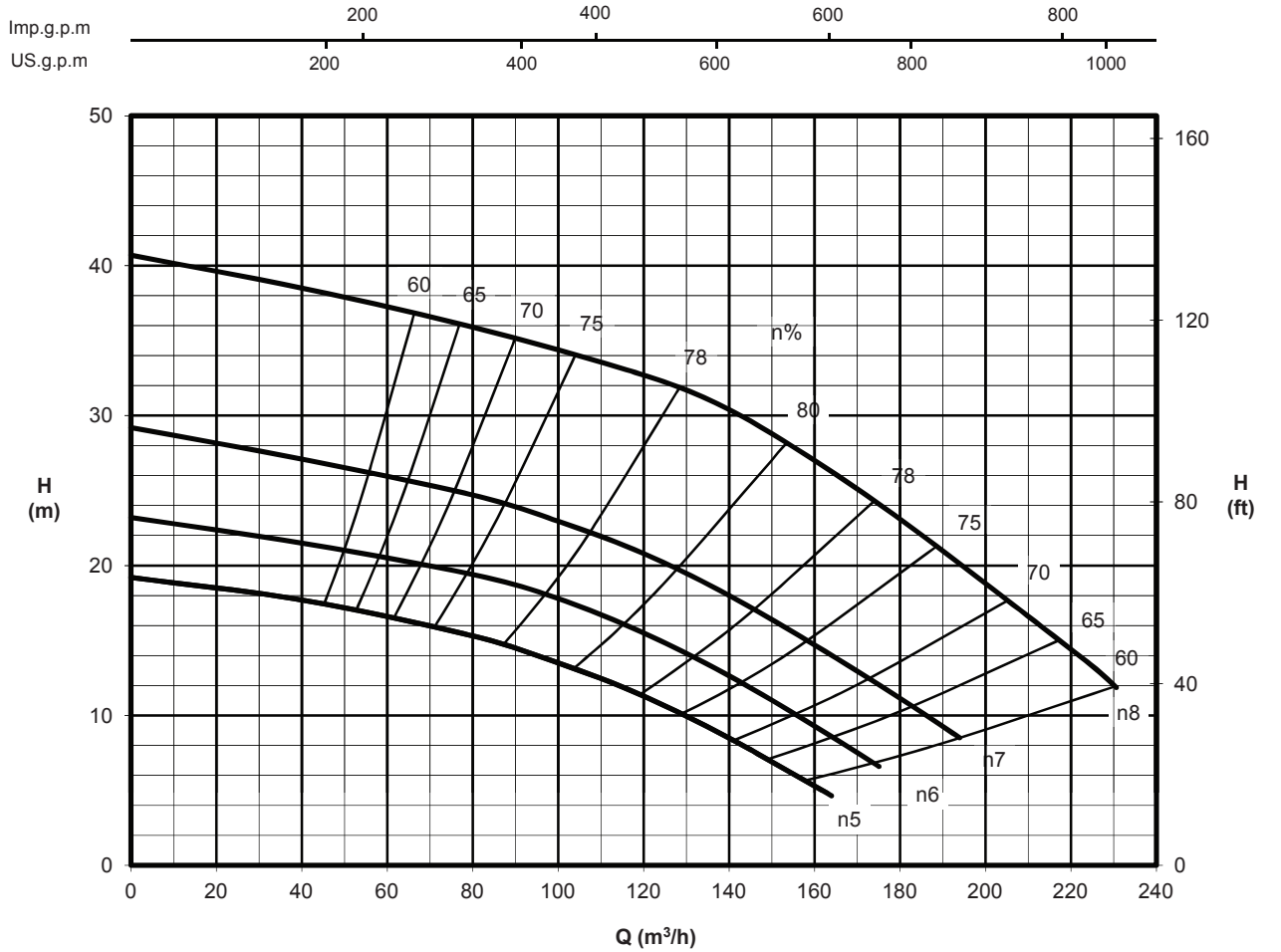
Performances per stage: n8 = 3500 r.p.m

n7 = 2960 r.p.m

n6 = 2650 r.p.m

n5 = 2400 r.p.m

# A8MDV



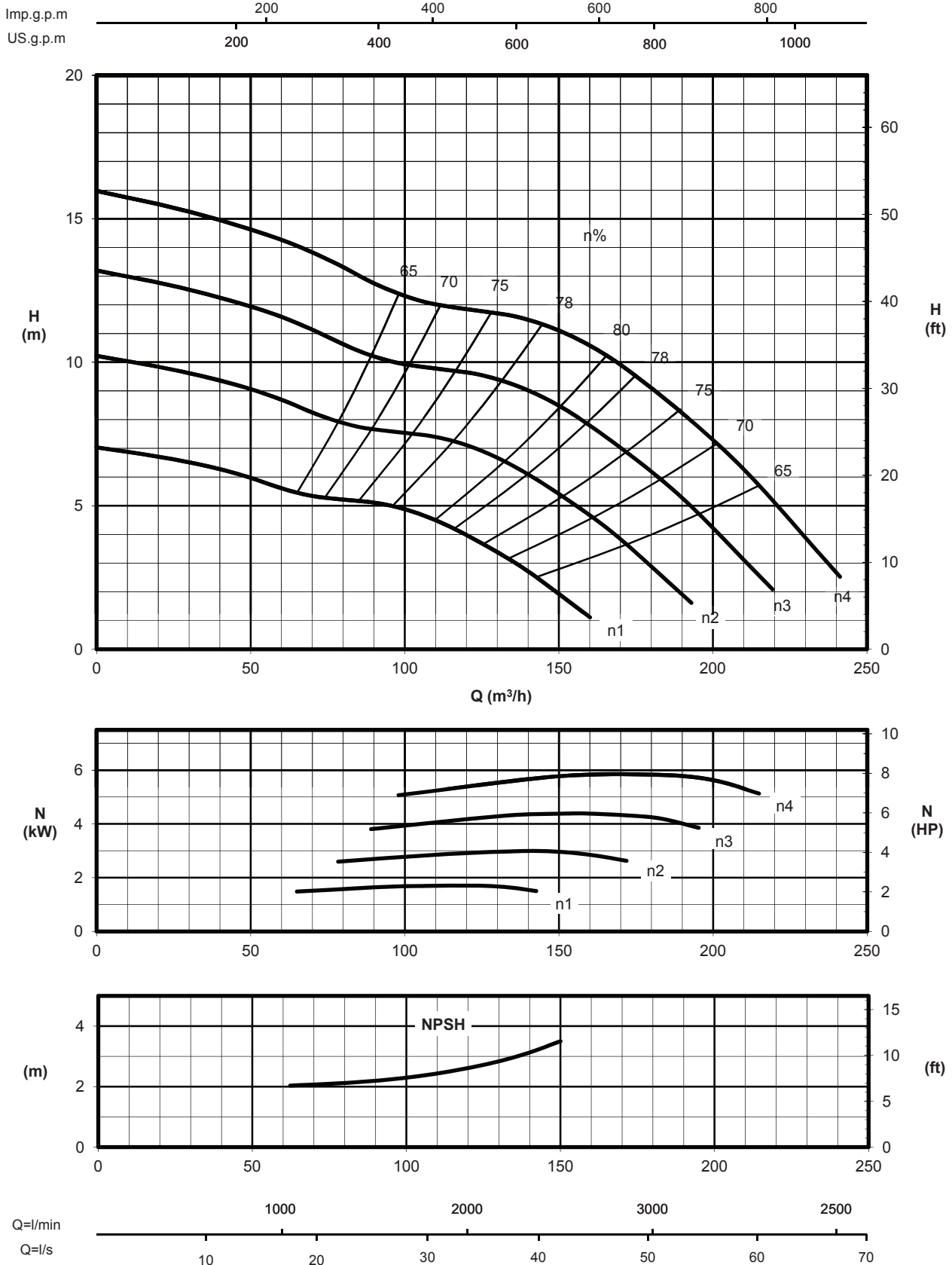
Bowl diameter : 190mm 7" 1/2 Impeller type : closed	Column losses are not included	Tolerances ISO 9906 grade 2
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Manufactured for


 by **ANAVALOS**  
 PUMPS

 Performances per stage: n4 = 2200 r.p.m  
 n3 = 2000 r.p.m  
 n2 = 1760 r.p.m  
 n1 = 1460 r.p.m

# A8MLEV



Bowl diameter :

Impeller type : closed

Column losses are not included

Tolerances

ISO 9906 Grade 2

Manufactured for



by **ANAVALOS PUMPS**

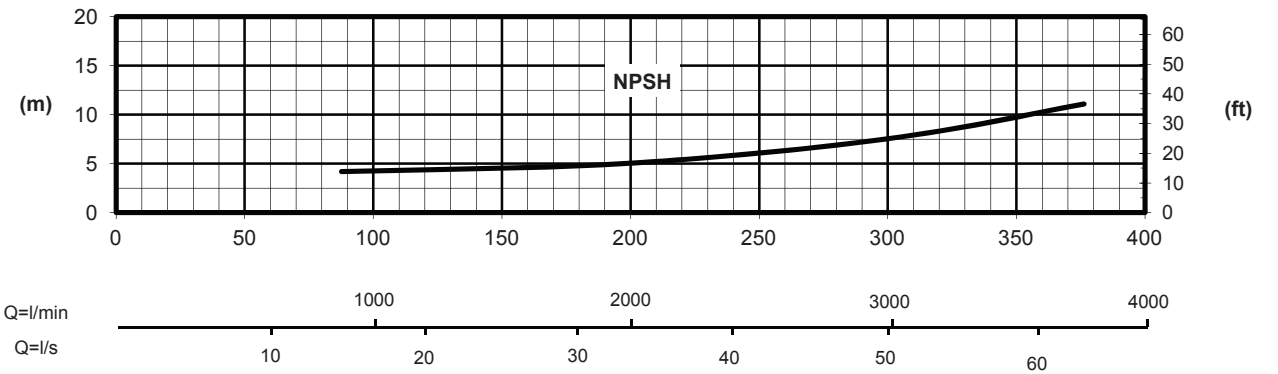
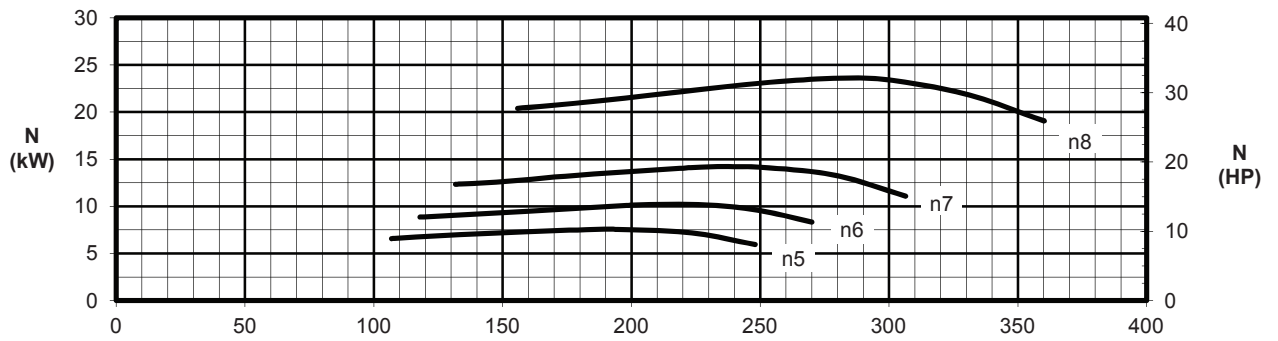
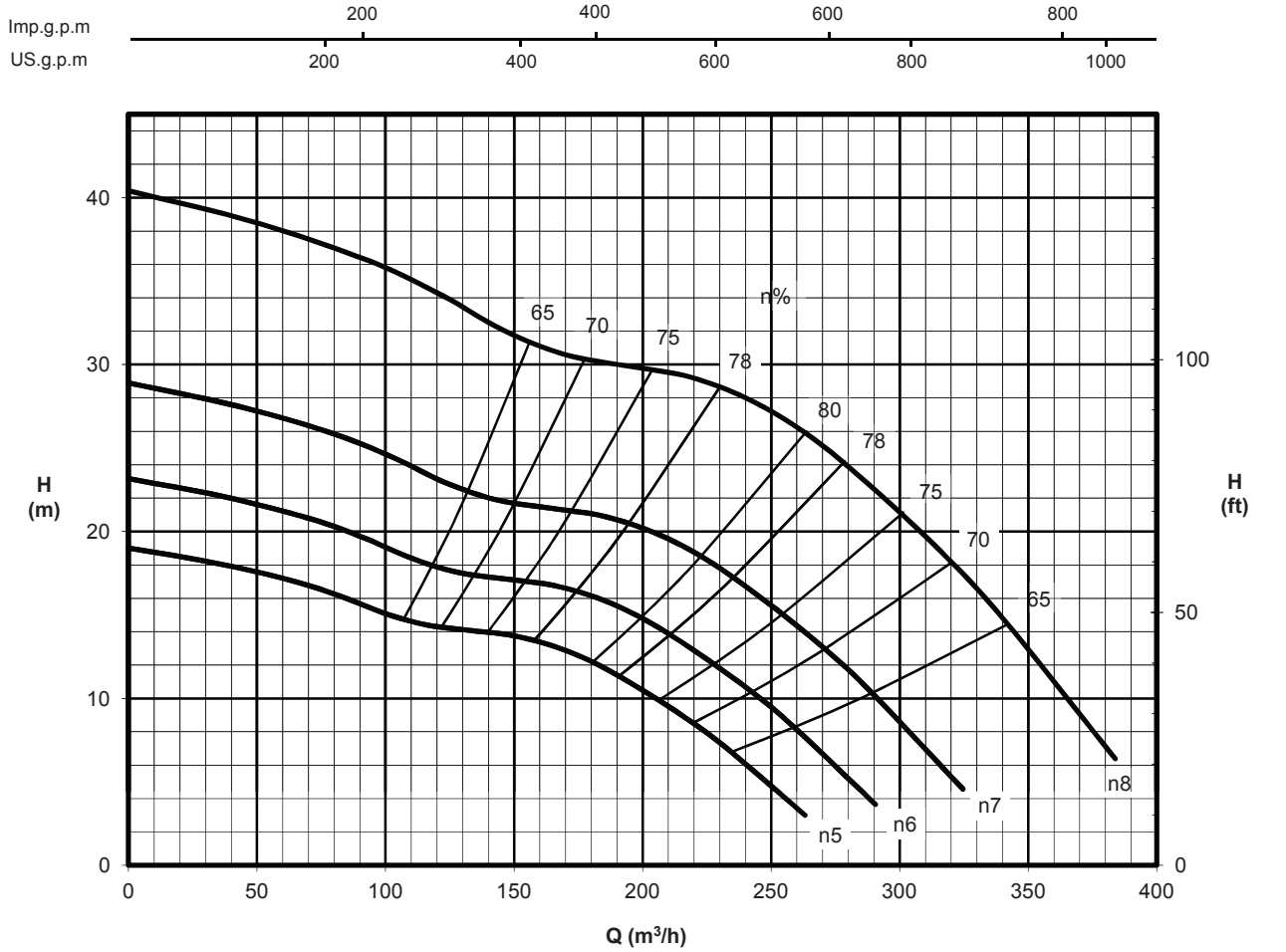
Performances per stage: n8 = 3500 r.p.m

n7 = 2960 r.p.m

n6 = 2650 r.p.m

n5 = 2400 r.p.m

**A8MLEV**



Bowl diameter : 190mm 7" 1/2 Impeller type : closed	Column losses are not included	Tolerances ISO 9906 grade 2
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Manufactured for

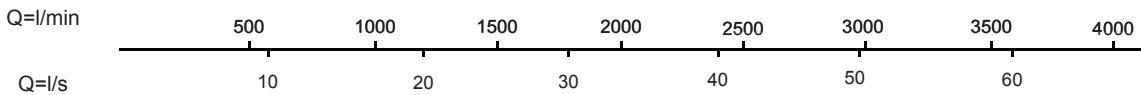
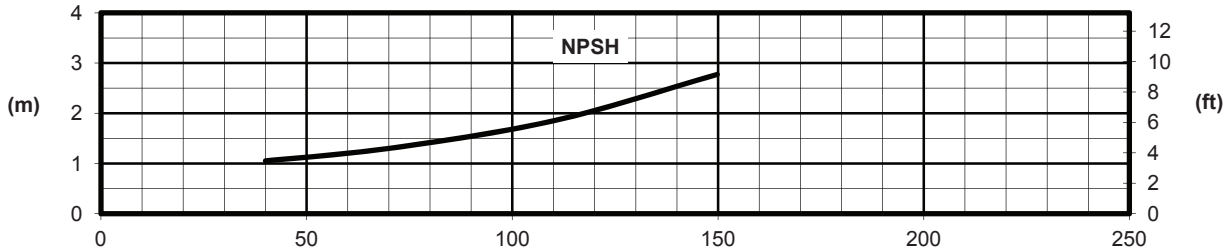
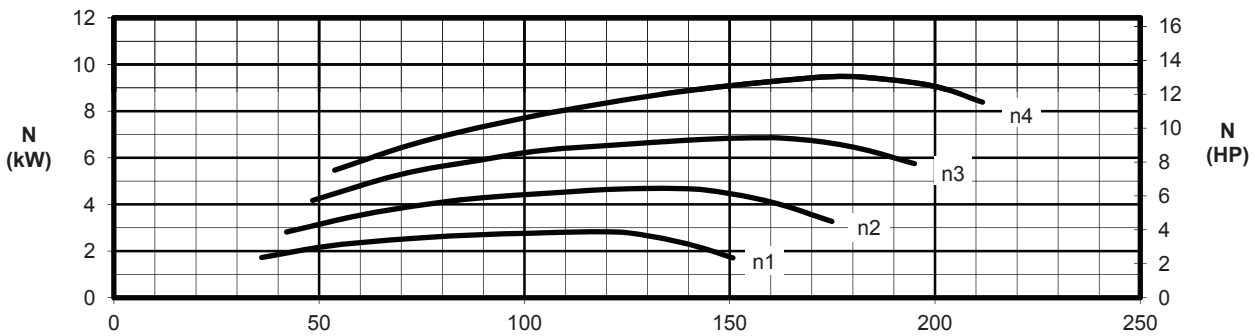
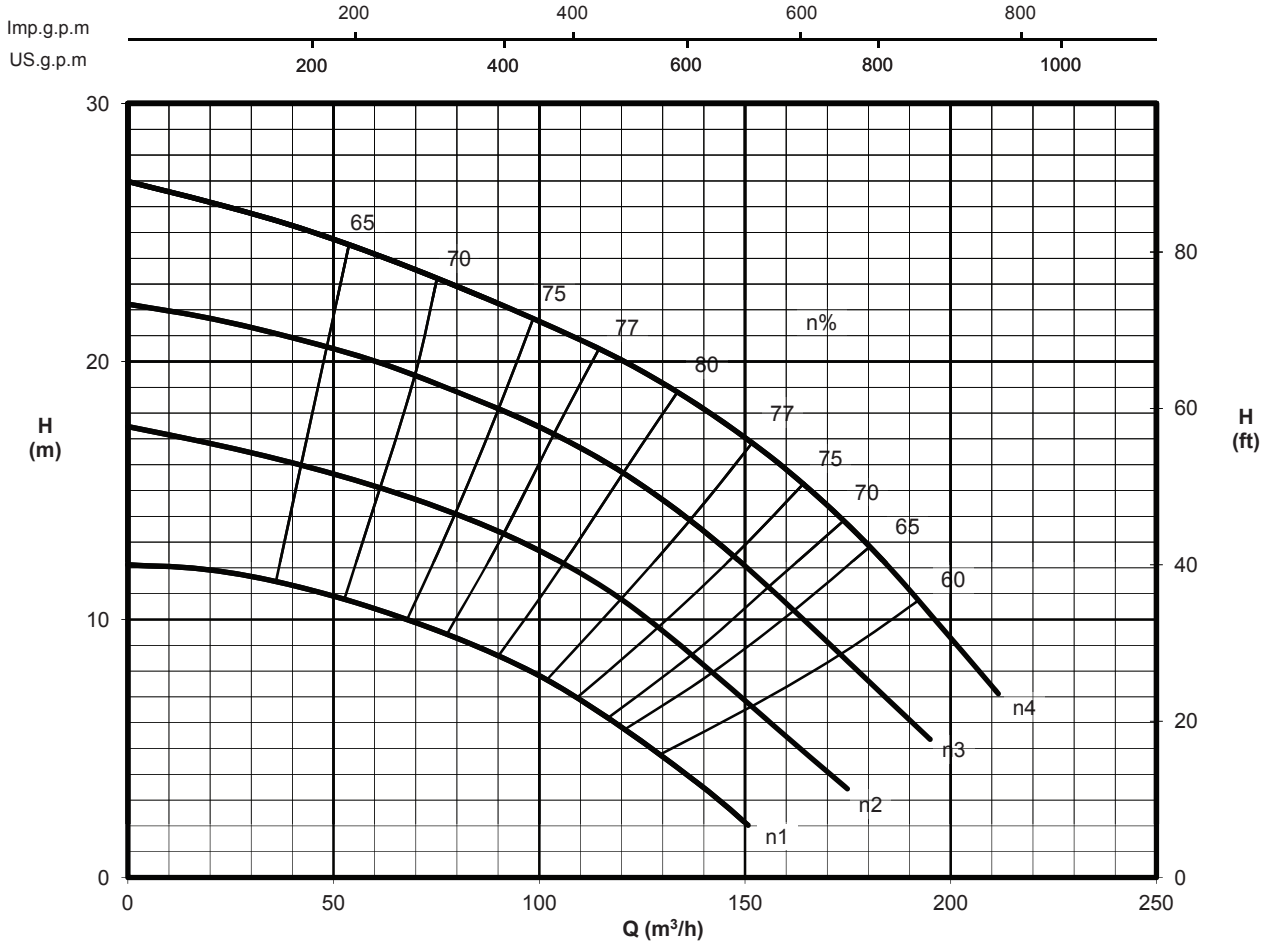


**Archimedes**  
 Pump

 by 
**ANAVALOS**  
 PUMPS

 Performances per stage: n4 = 2200 r.p.m  
 n3 = 2000 r.p.m  
 n2 = 1760 r.p.m  
 n1 = 1460 r.p.m

# A10MAV


**Bowl diameter : 246mm 9" 11/16**
**Impeller type : closed**
**Column losses are not included**
**Tolerances**
**ISO 9906 GRADE 2**

Manufactured for



by



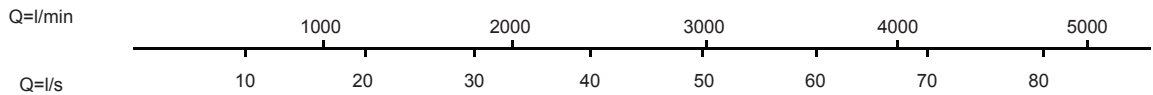
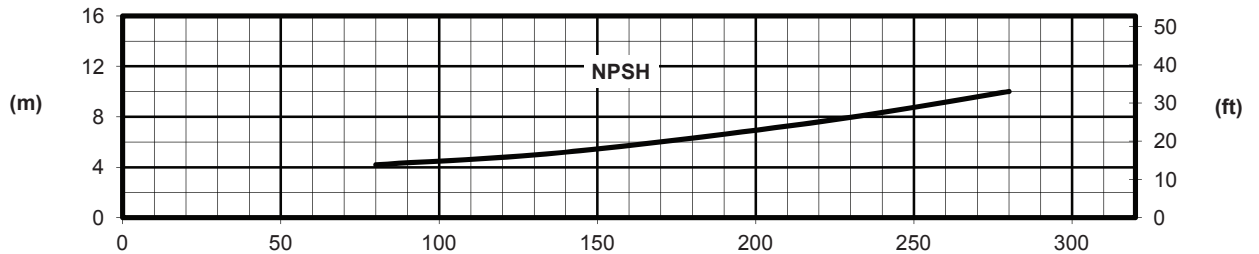
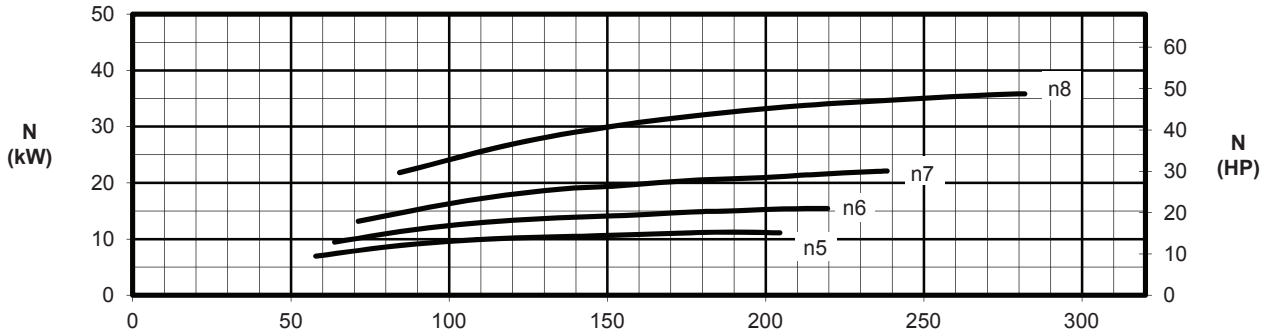
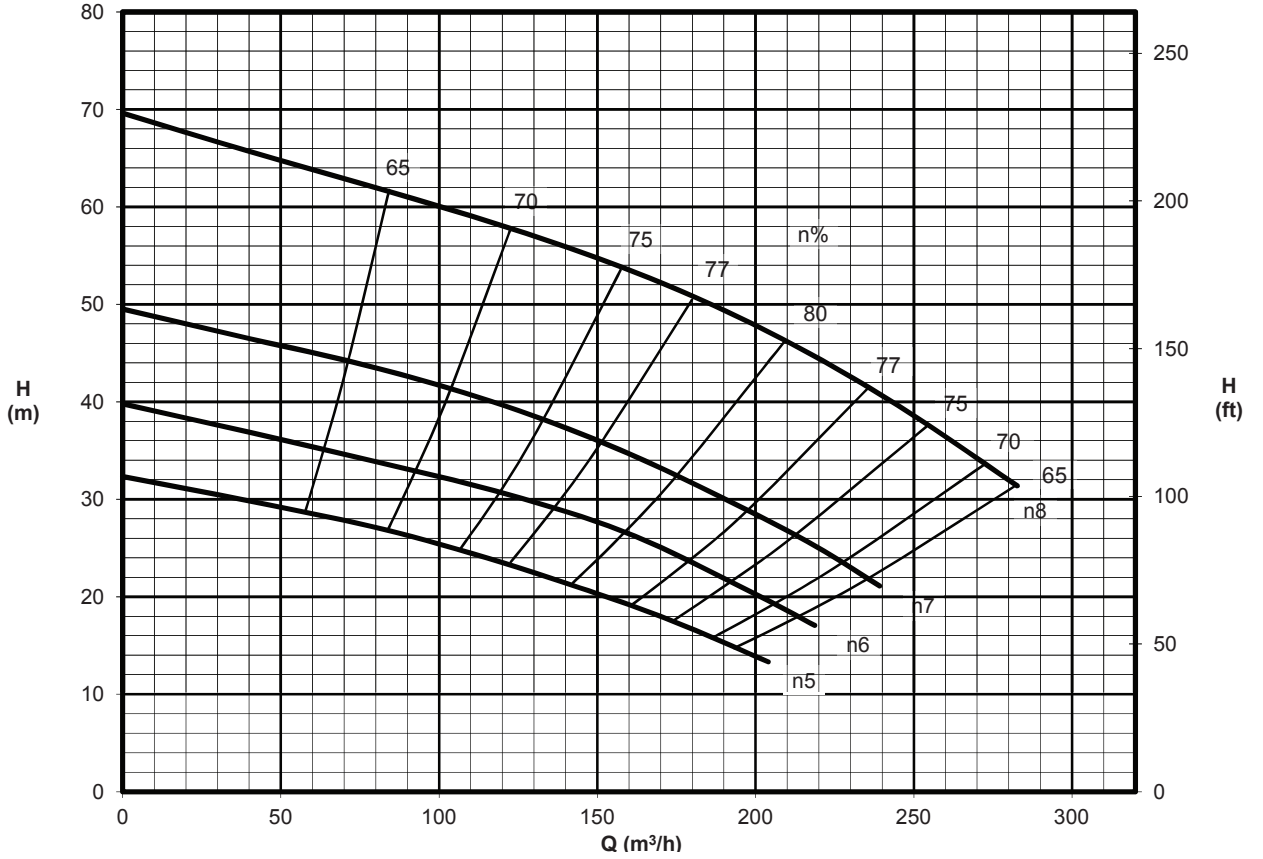
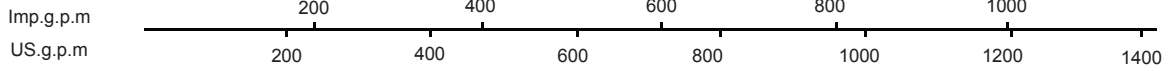
Performances per stage: n8 = 3500 r.p.m

n7 = 2960 r.p.m

n6 = 2650 r.p.m

n5 = 2400 r.p.m

# 10MAV

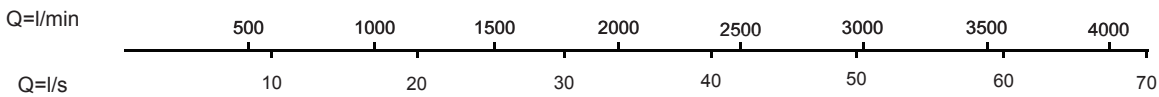
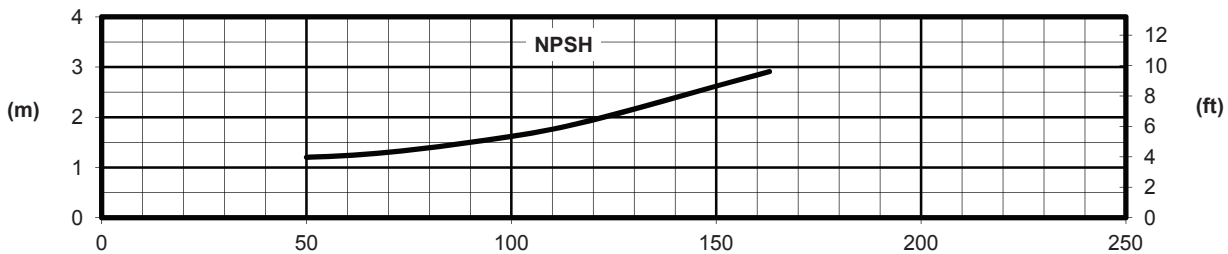
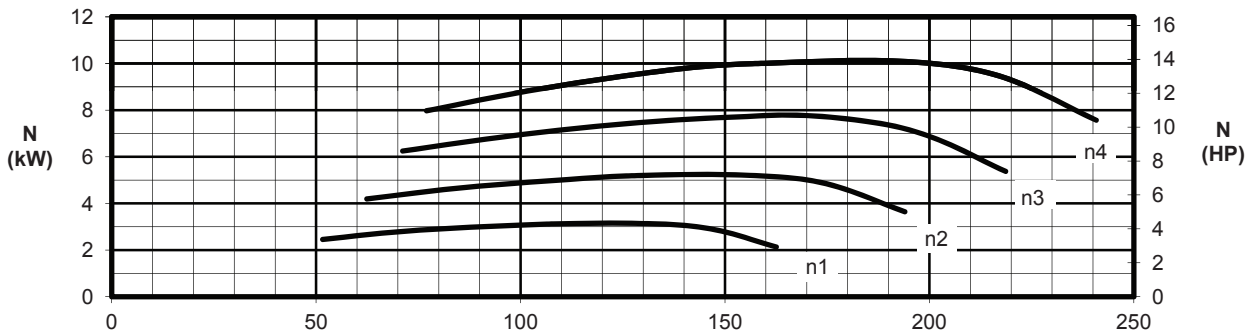
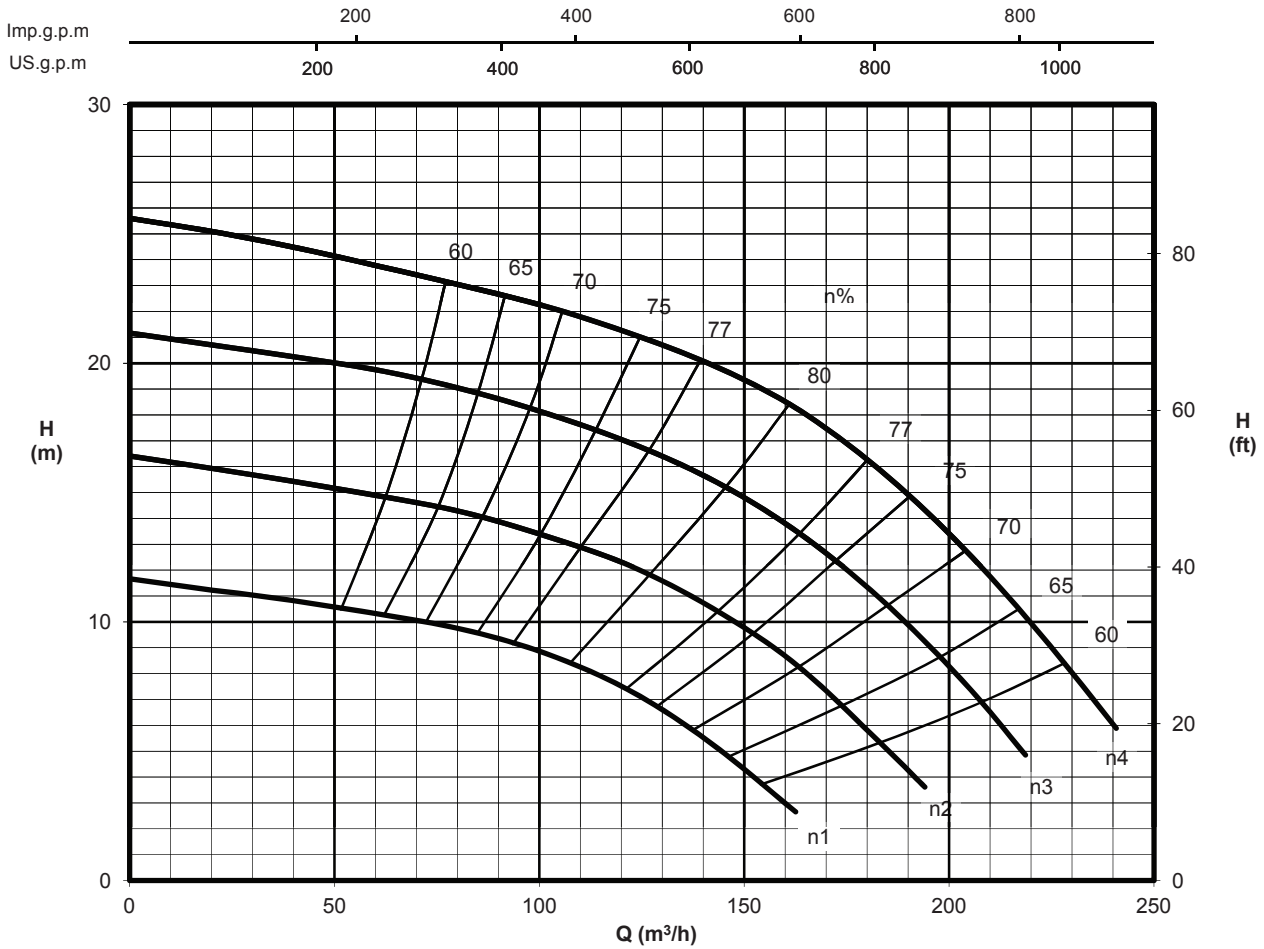


Bowl diameter : 246mm 9" 11/16 Impeller type : closed	Column losses are not included	Tolerances ISO 9906 GRADE 2
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Manufactured for


 Performances per stage: n4 = 2200 r.p.m  
 n3 = 2000 r.p.m  
 n2 = 1760 r.p.m  
 n1 = 1460 r.p.m

# A10MBV



Bowl diameter : 246mm 9" 11/16

Impeller type : closed

Column losses are not included

Tolerances

ISO 9906 GRADE 2

Manufactured for



by



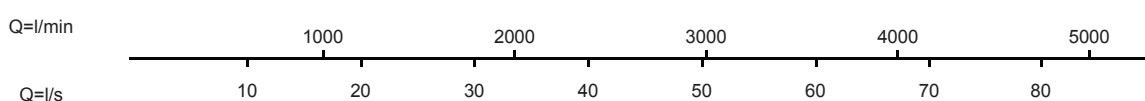
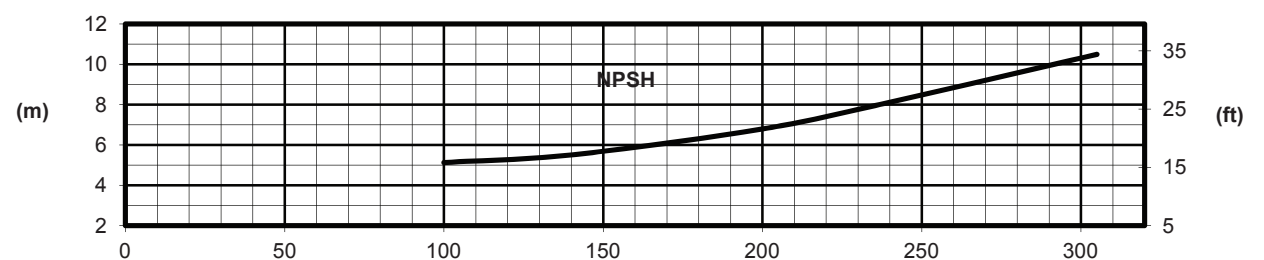
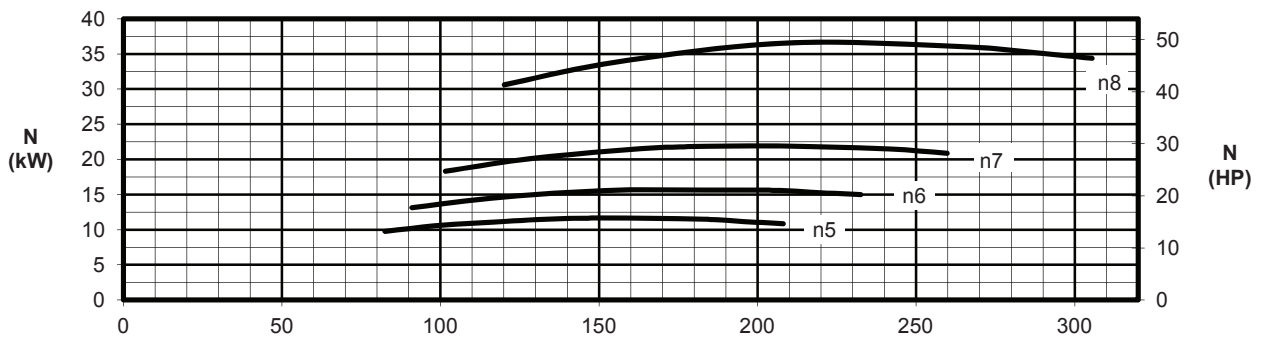
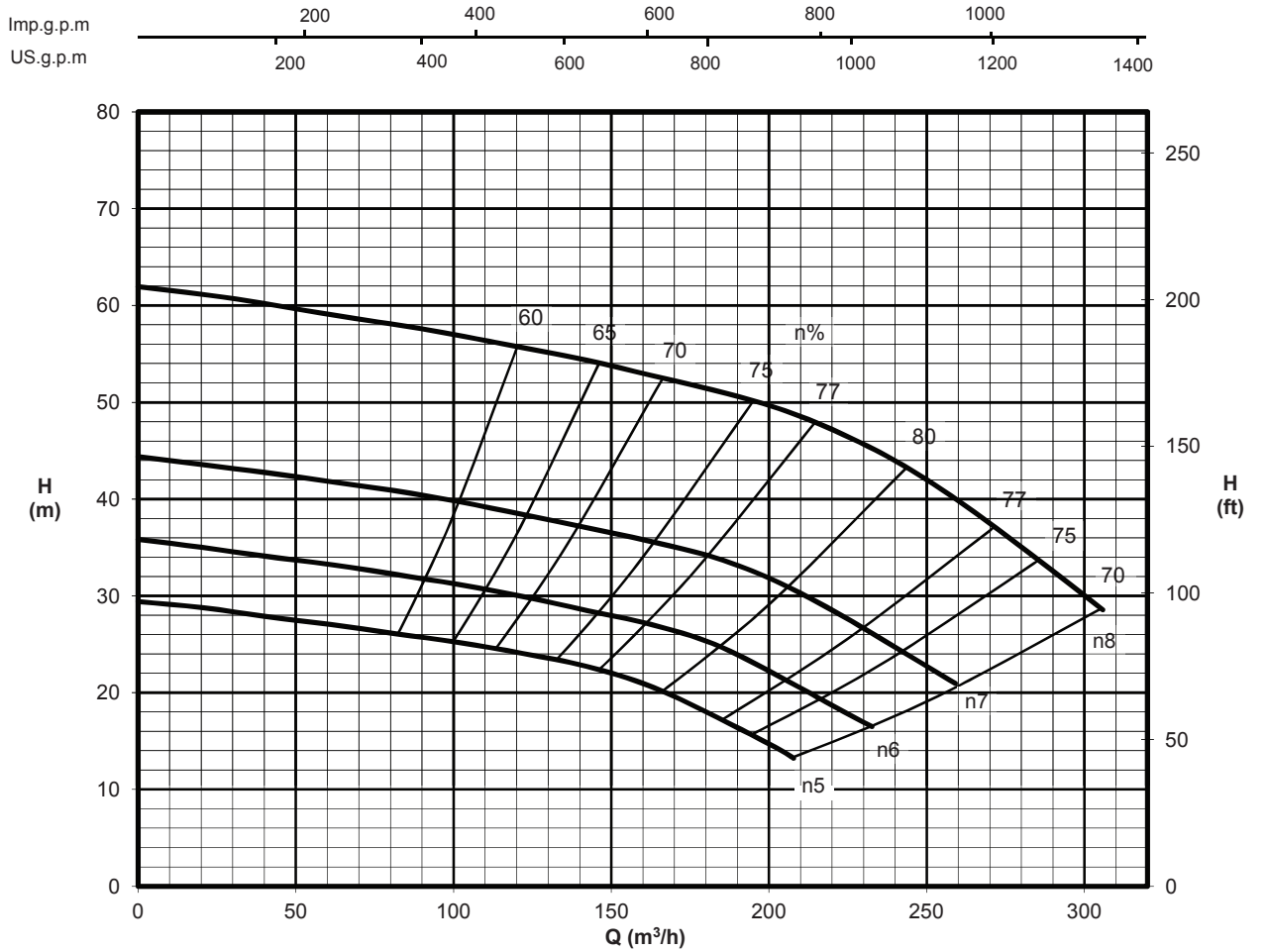
Performances per stage: n8 = 3500 r.p.m

n7 = 2960 r.p.m

n6 = 2650 r.p.m

n5 = 2400 r.p.m

# A10MBV



<p><b>Bowl diameter : 246mm 9" 11/16</b></p> <p><b>Impeller type : closed</b></p>	<p><b>Column losses are not included</b></p>	<p><b>Tolerances</b></p> <p><b>ISO 9906 GRADE 2</b></p>
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Manufactured for



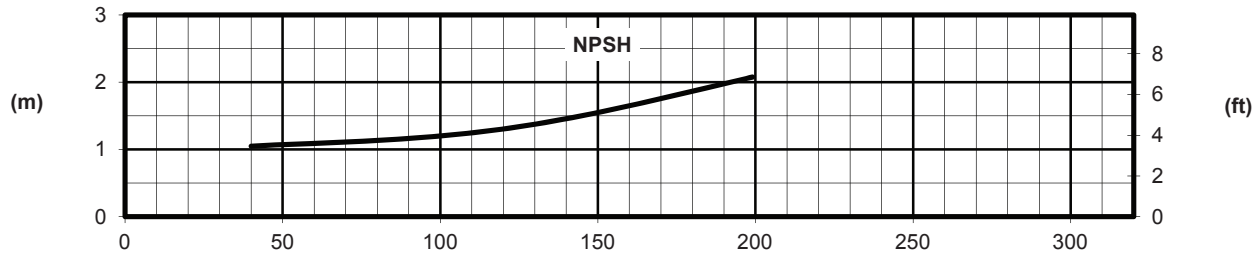
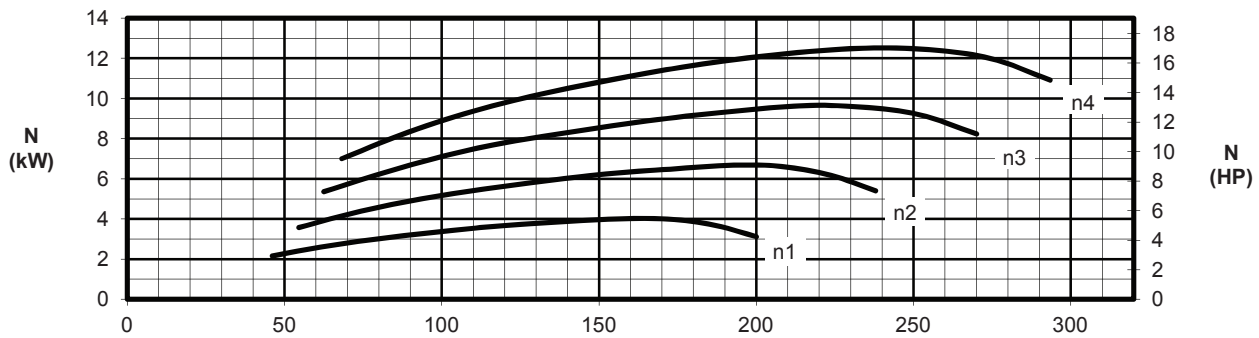
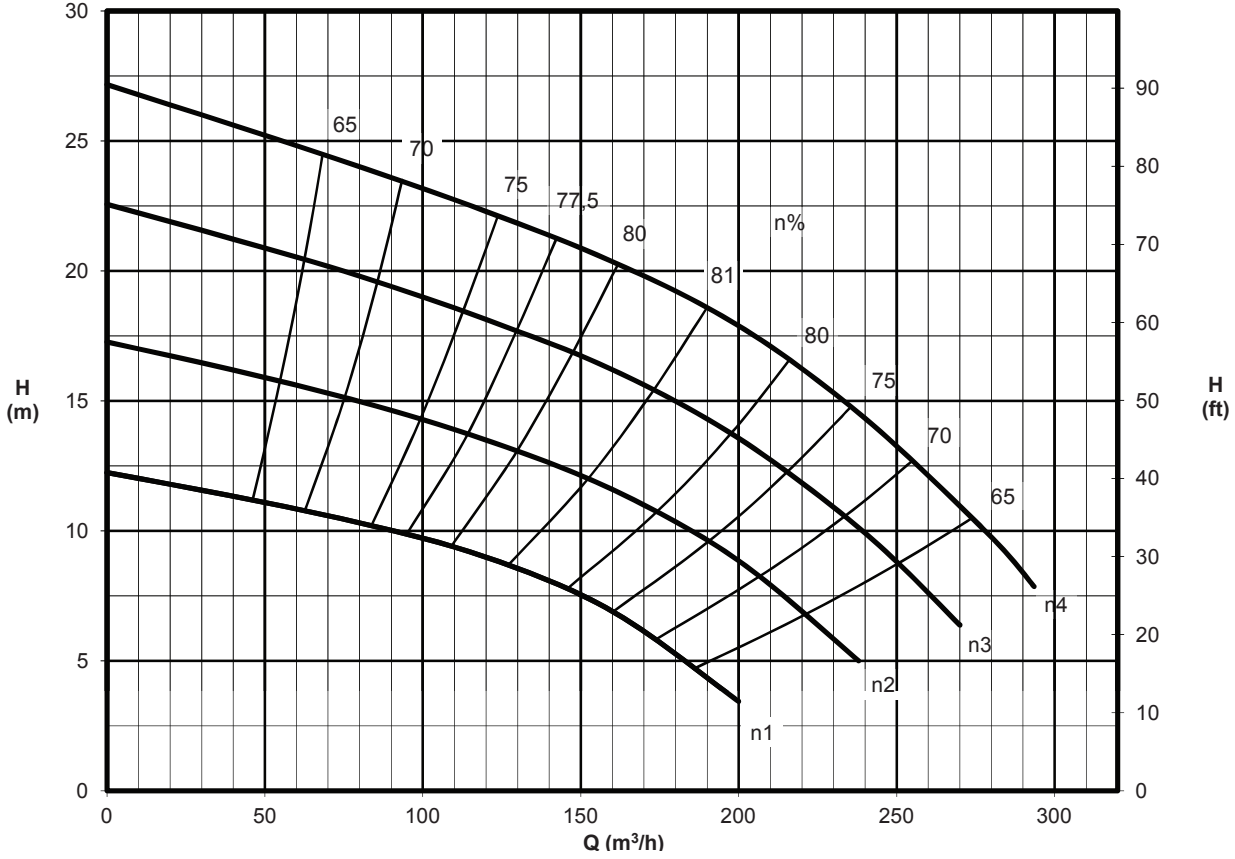
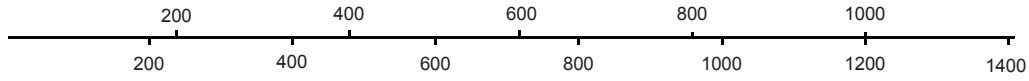
**Archimedes**  
 Pump

 by  **ANAVALOS**  
 PUMPS

Performances per stage:

 n4 = 2200 r.p.m  
 n3 = 2000 r.p.m  
 n2 = 1760 r.p.m  
 n1 = 1460 r.p.m

**A10MCV**

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


Q=l/min



Q=l/s



Bowl diameter : 246mm 9" 11/16

Impeller type : closed

Column losses are not included

Tolerances

ISO 9906 GRADE 2

Manufactured for



by



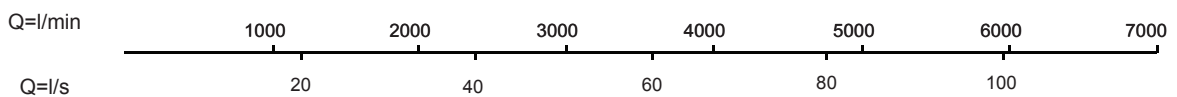
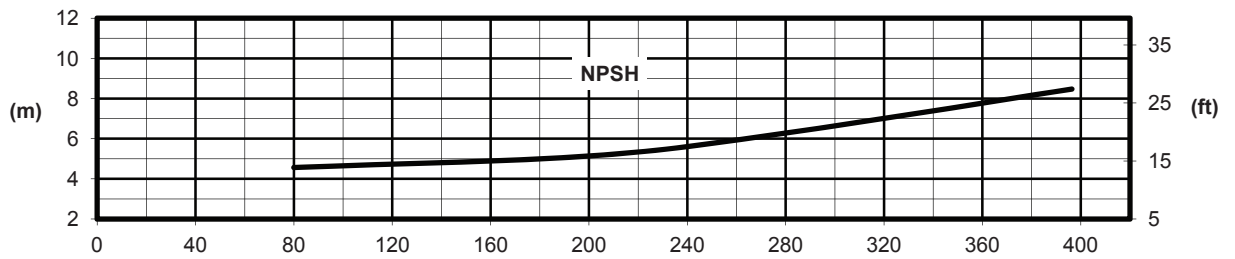
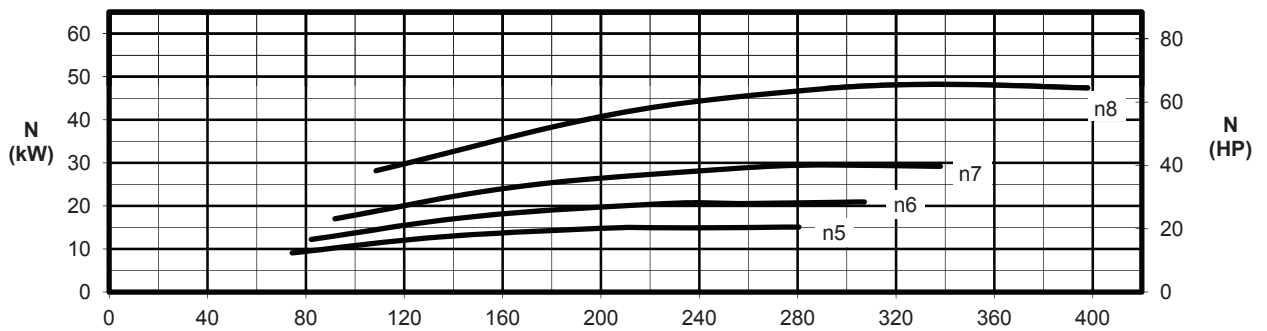
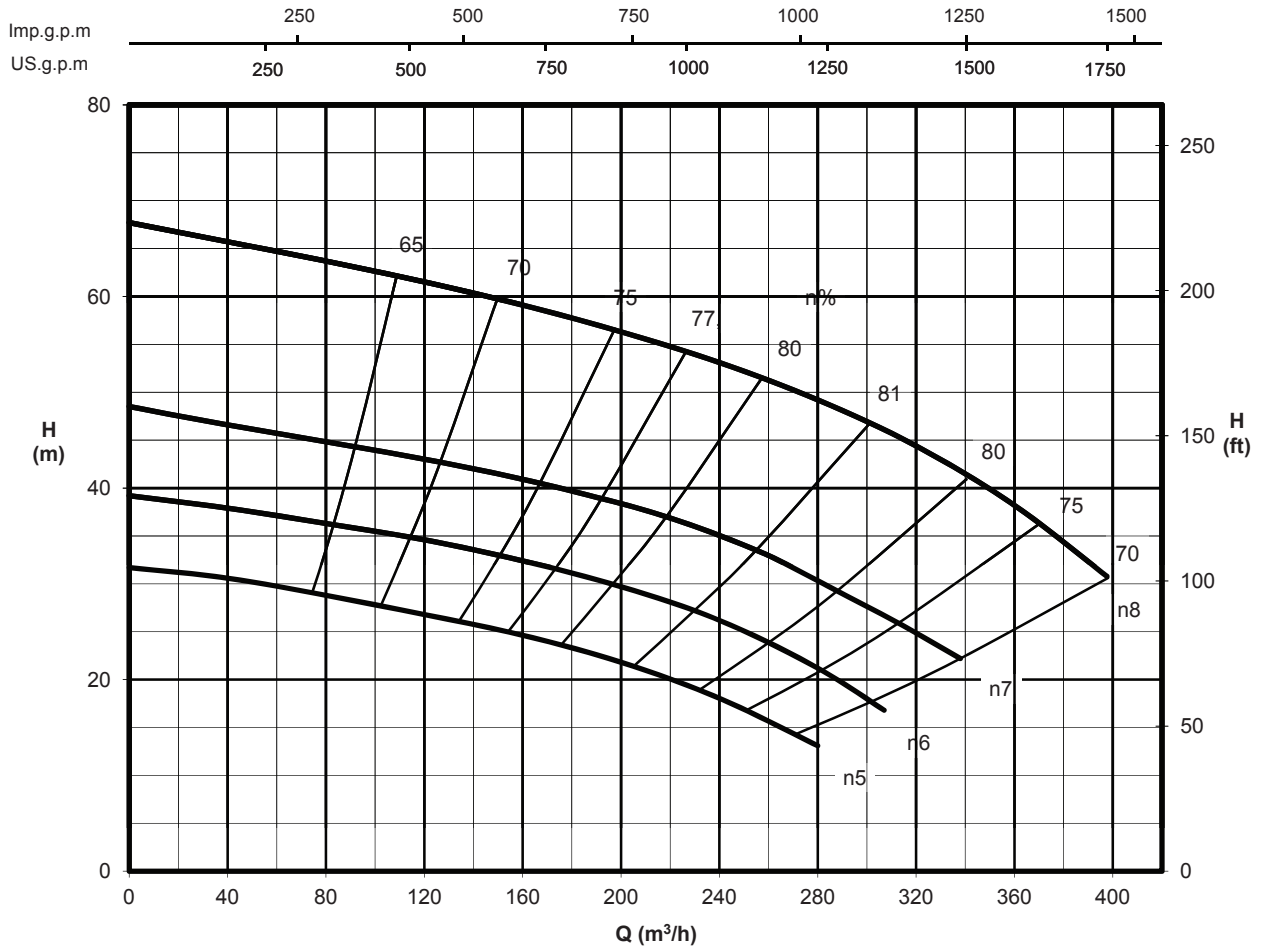
Performances per stage: n8 = 3500 r.p.m

n7 = 2960 r.p.m

n6 = 2650 r.p.m

n5 = 2400 r.p.m

# A10MCV



<p><b>Bowl diameter : 246mm 9" 11/16</b></p> <p><b>Impeller type : closed</b></p>	<p><b>Column losses are not included</b></p>	<p><b>Tolerances</b></p> <p><b>ISO 9906 GRADE 2</b></p>
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Manufactured for



**Archimedes**  
 Pump

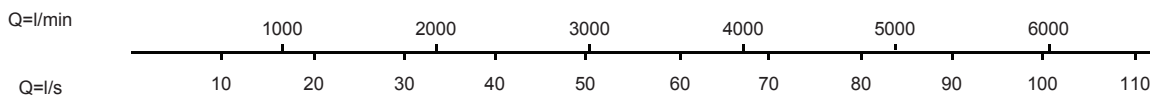
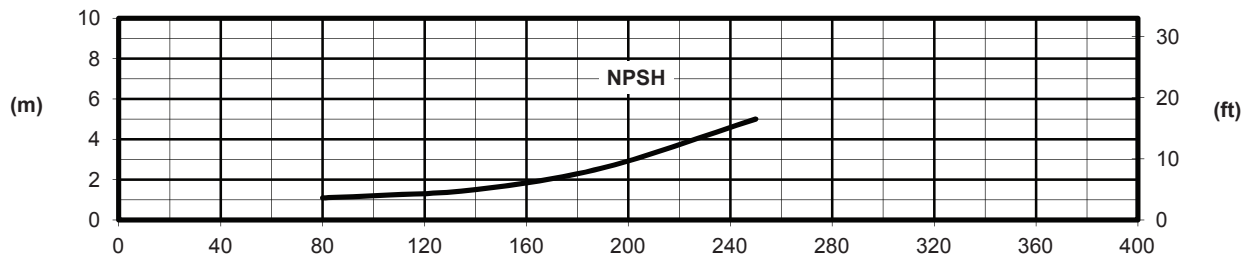
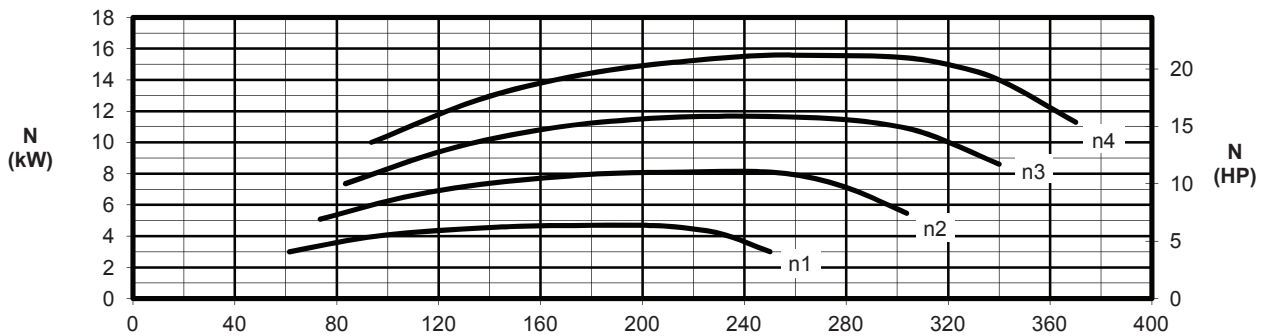
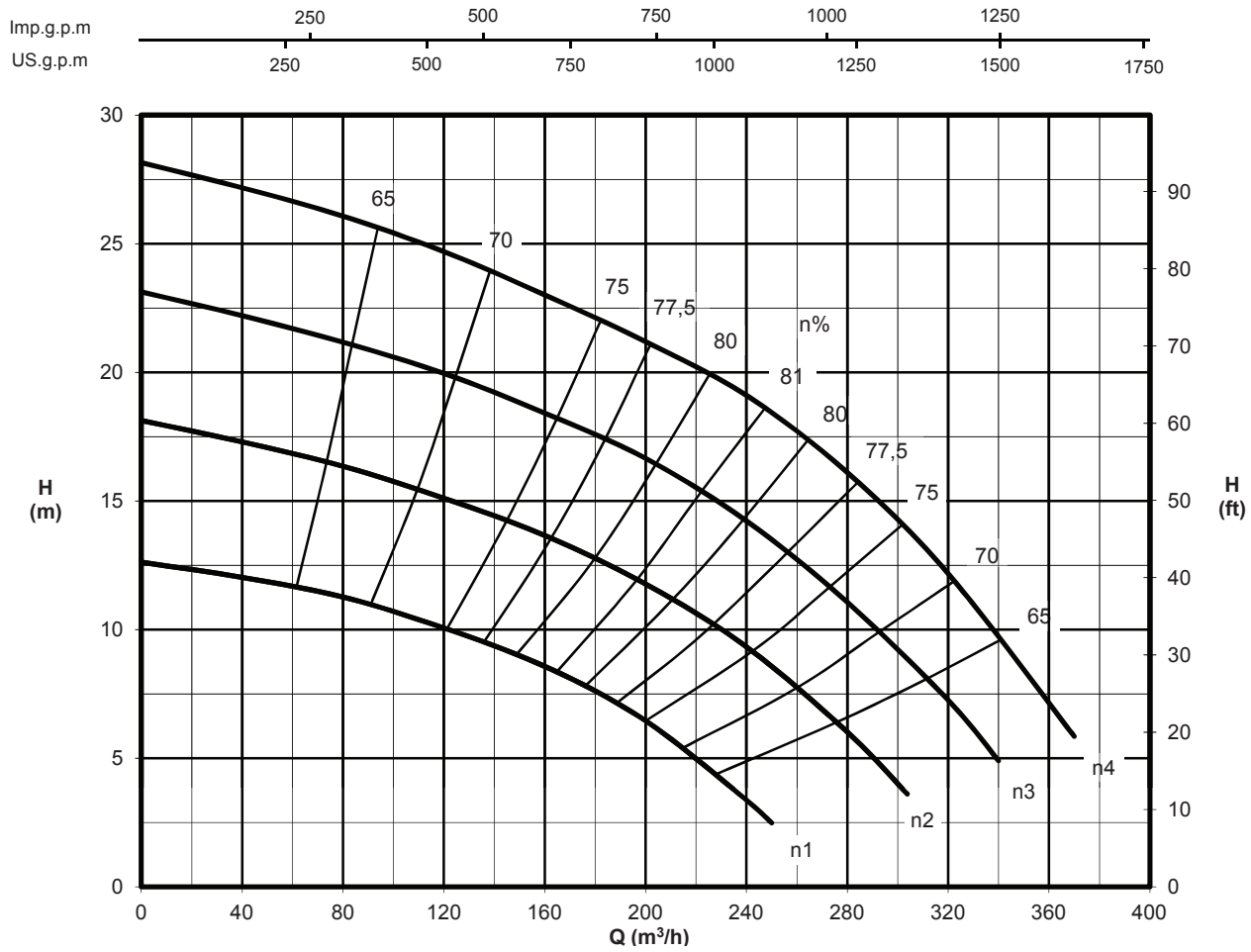
 by 
**ANAVALOS**  
 PUMPS

Performances per stage: n4 = 2200 r.p.m

n3 = 2000 r.p.m

n2 = 1760 r.p.m

n1 = 1460 r.p.m

**A10MDV**


Bowl diameter : 246mm 9" 11/16

Impeller type : closed

Column losses are not included

Tolerances

ISO 9906 GRADE 2



Manufactured for



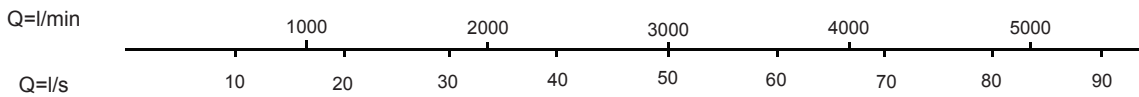
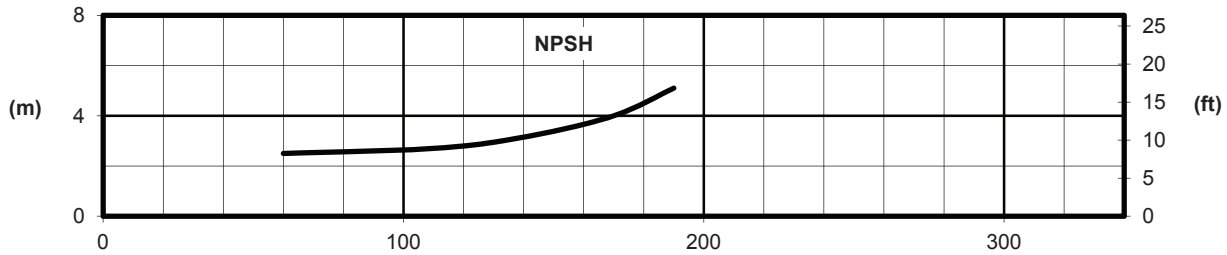
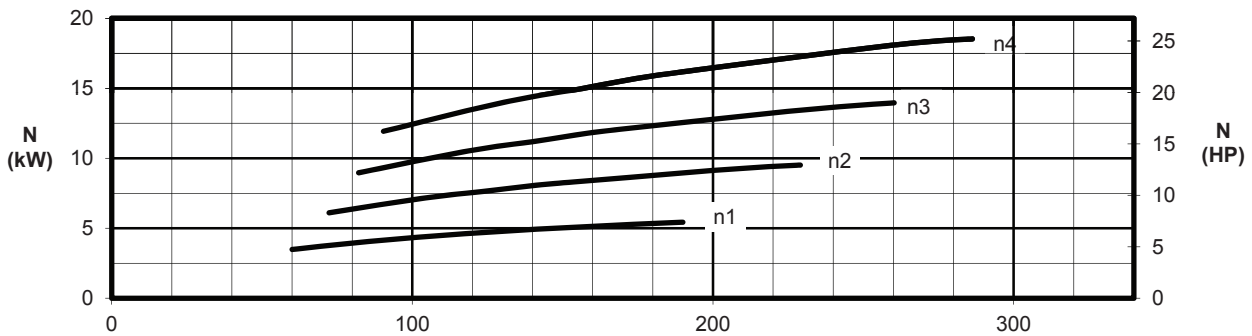
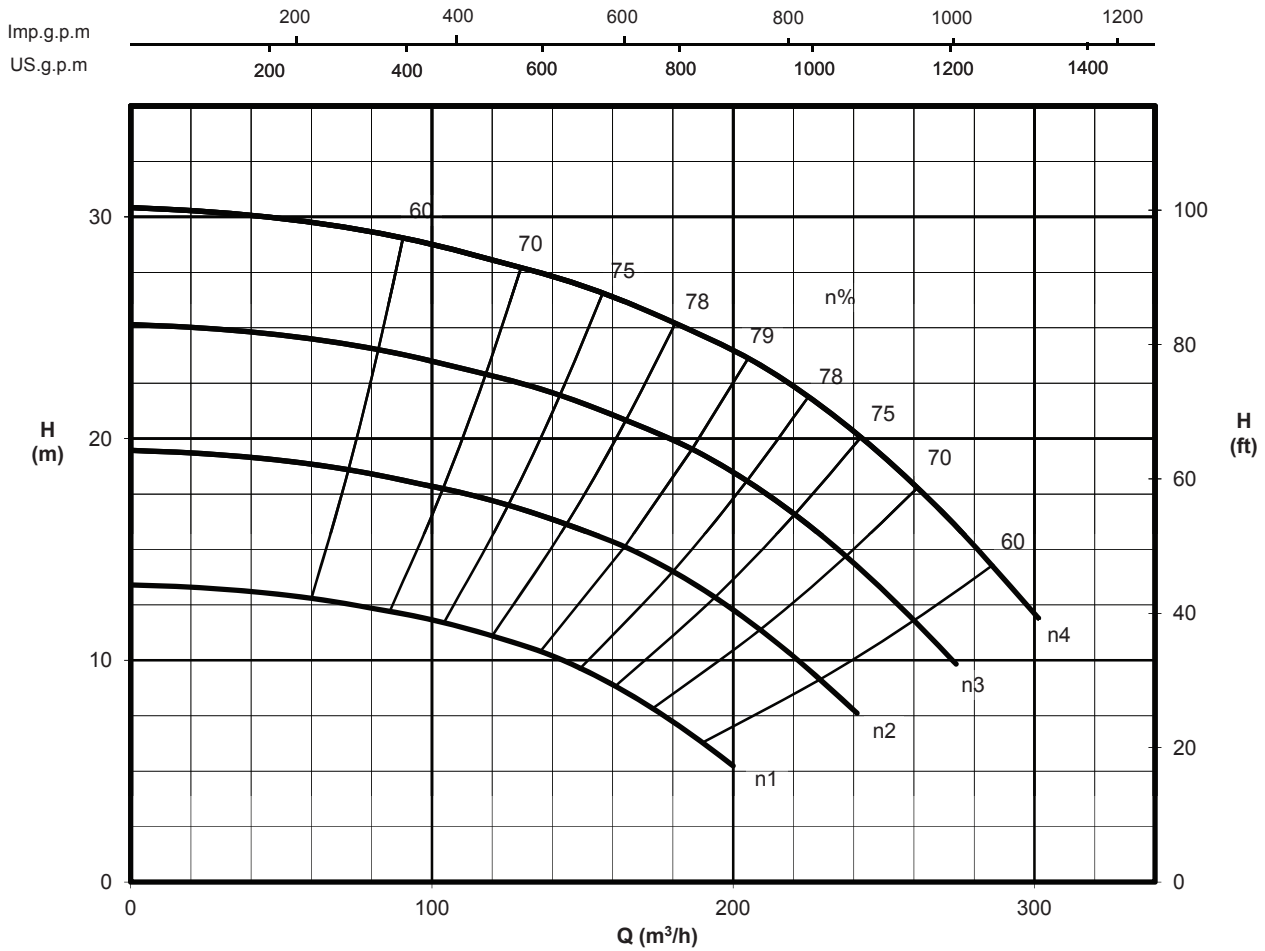
**Archimedes**  
 Pump

by


**ANAVALOS**  
 PUMPS

Performances per stage:

 n4 = 2200 r.p.m  
 n3 = 2000 r.p.m  
 n2 = 1760 r.p.m  
 n1 = 1460 r.p.m

**A10PRV**


Bowl diameter : 243mm

Impeller type : closed

Column losses are not included

Tolerances

ISO 9906 GRADE 2

Manufactured for



**Archimedes**  
Pump

by

**ANAVALOS**  
PUMPS

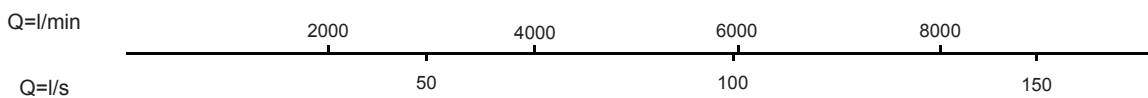
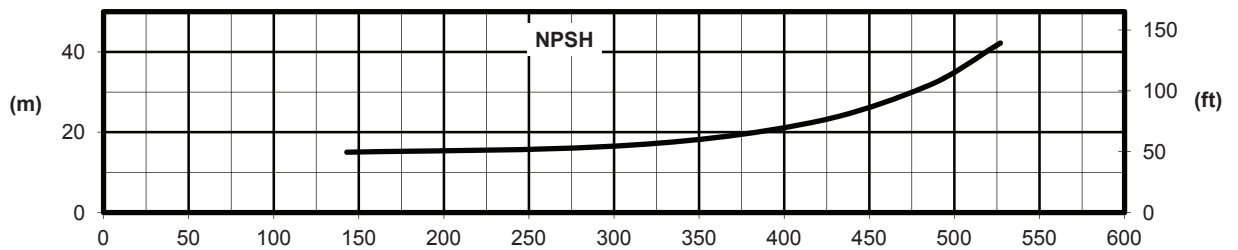
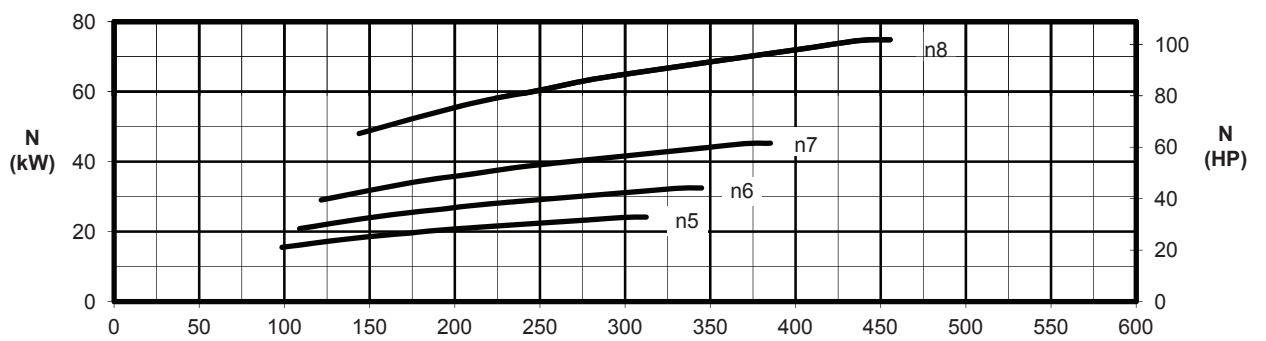
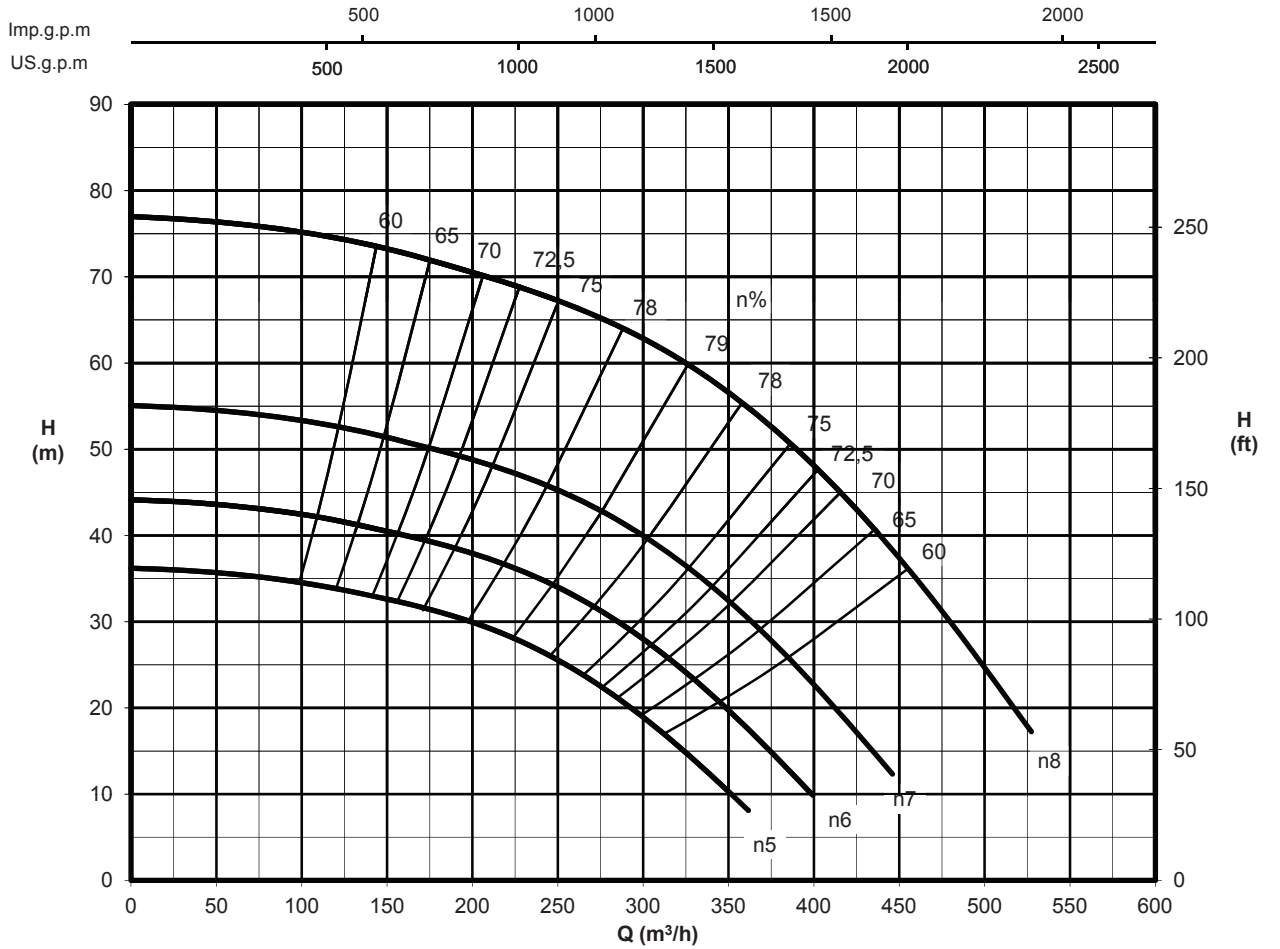
Performances per stage: n8 = 3500 r.p.m

n7 = 2960 r.p.m

n6 = 2650 r.p.m

n5 = 2400 r.p.m

# A10PRV



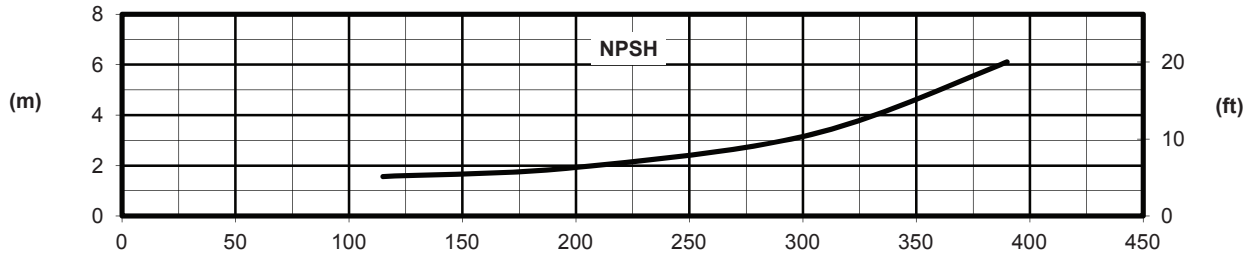
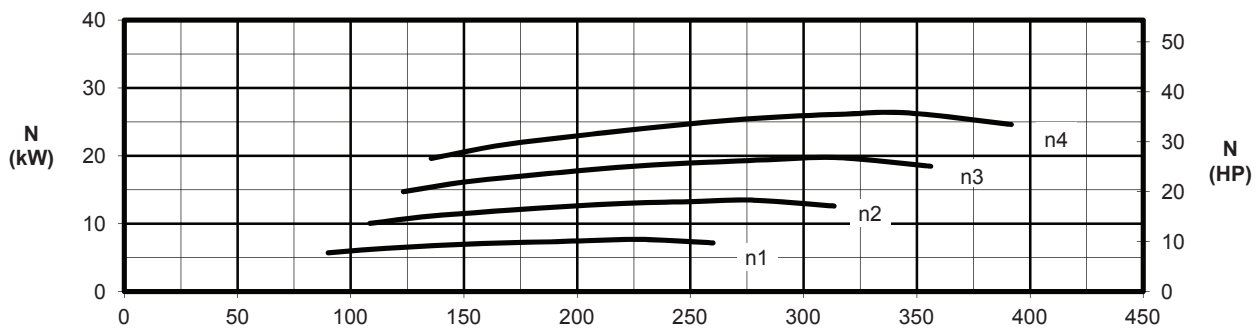
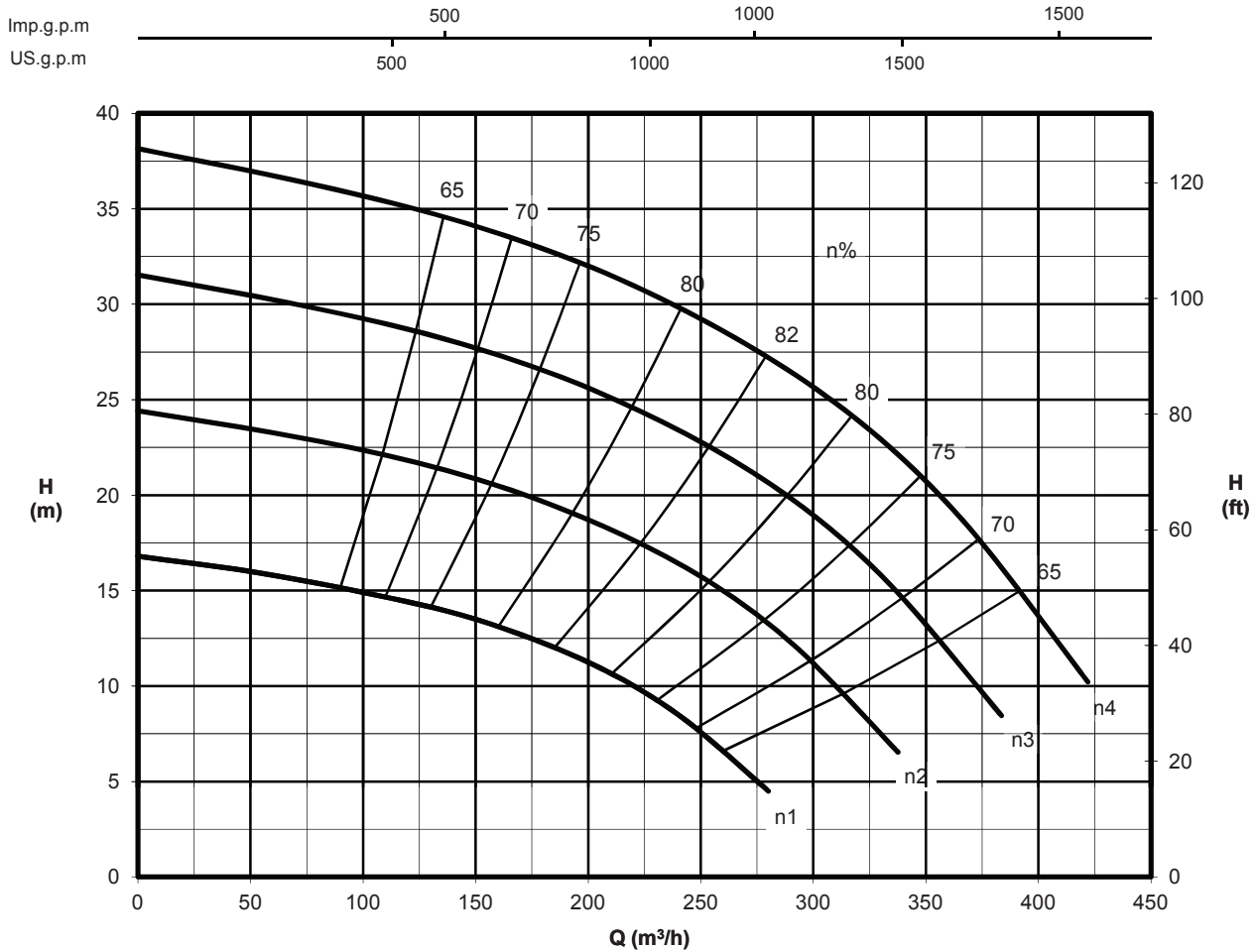
<p>Bowl diameter : 243mm Impeller type : closed</p>	<p>Column losses are not included</p>	<p>Tolerances ISO 9906 GRADE 2</p>
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Manufactured for


 by **ANAVALOS**  
 PUMPS

Performances per stage:

 n4 = 2200 r.p.m  
 n3 = 2000 r.p.m  
 n2 = 1760 r.p.m  
 n1 = 1460 r.p.m

**A11PRV**


Q=l/min

2000      4000      6000

Q=l/s

25      50      75      100      125

**Bowl diameter : 278mm**
**Impeller type : closed**
**Column losses are not included**
**Tolerances**
**ISO 9906 GRADE 2**

Manufactured for



by **ANAVALOS PUMPS**

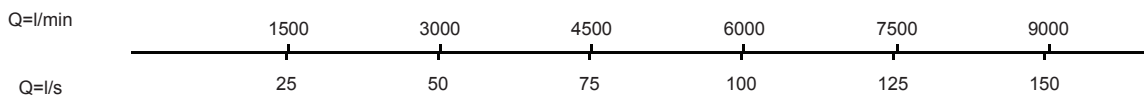
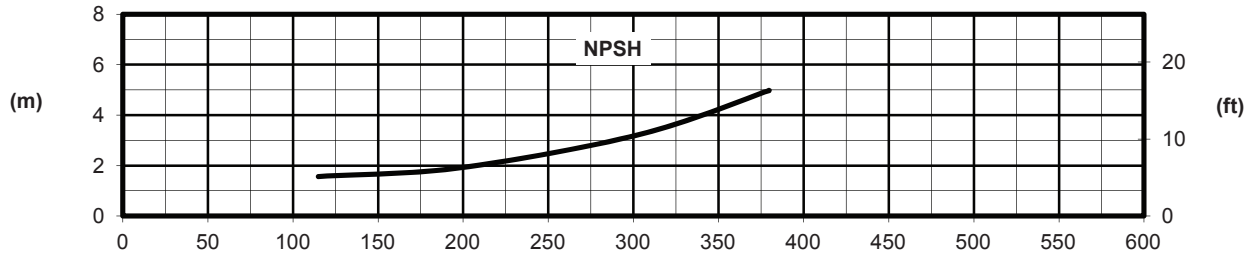
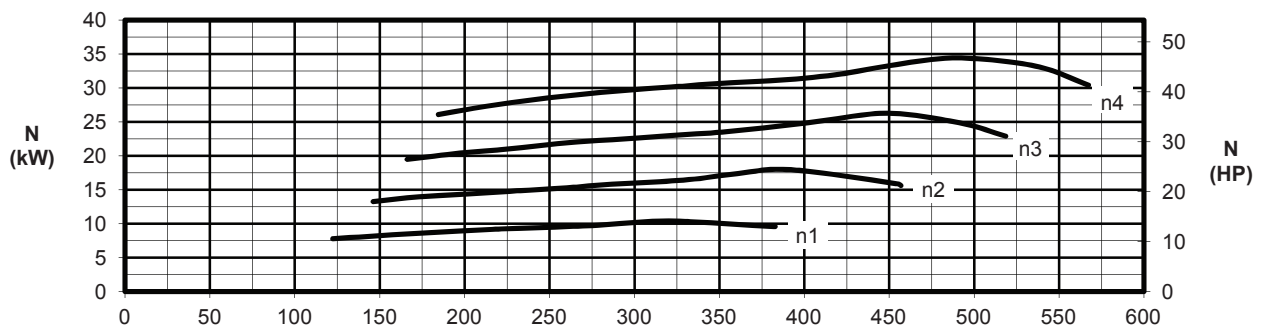
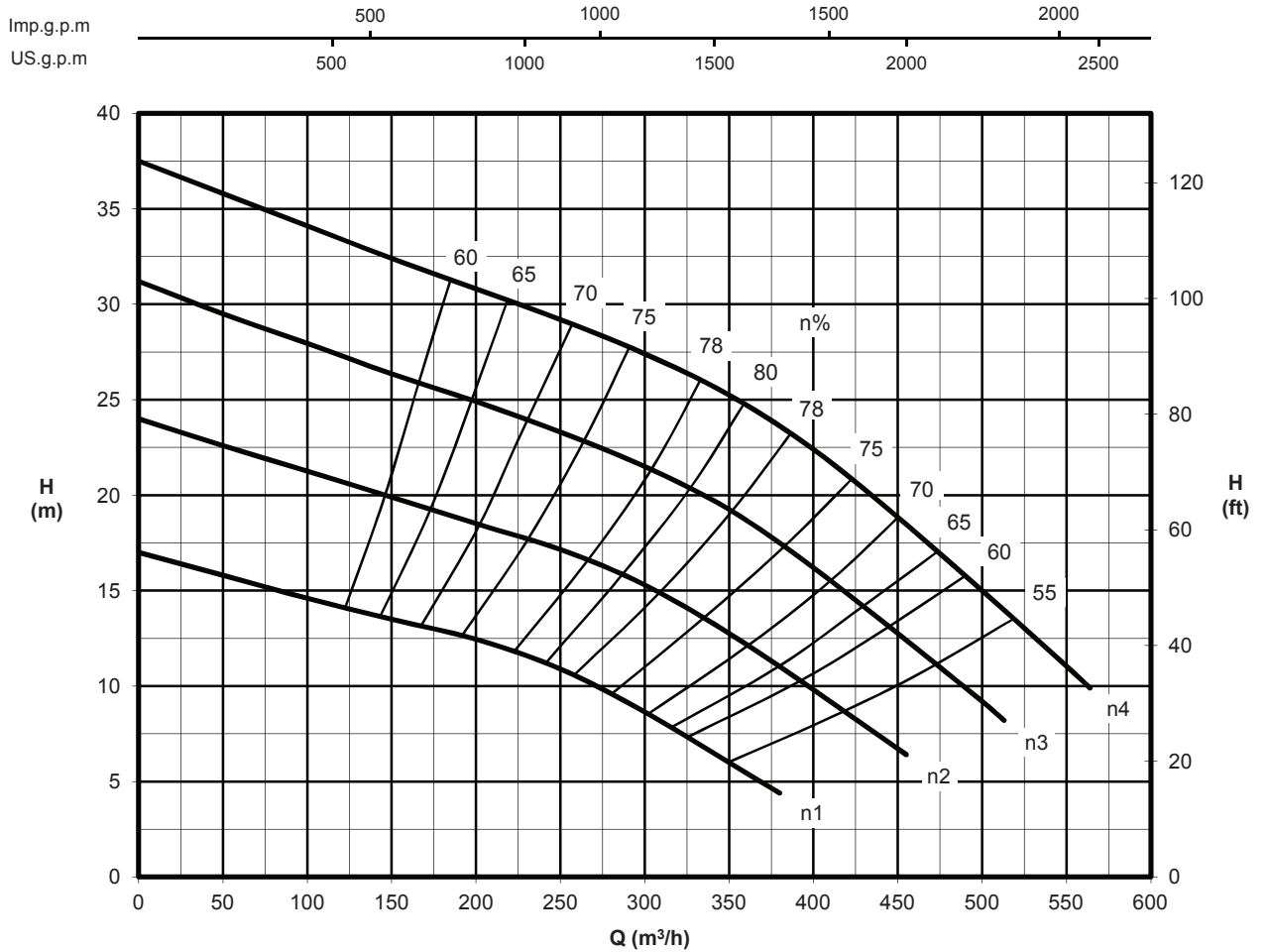
Performances per stage: n4 = 2200 r.p.m

n3 = 2000 r.p.m

n2 = 1760 r.p.m

n1 = 1460 r.p.m

# A12MCV



**Bowl diameter : 287mm 11" 5/16**

**Impeller type : closed**

**Column losses are not included**

**Tolerances**

**ISO 9906 GRADE 2**

Manufactured for



Archimedes Pump

by ANAVALOS PUMPS

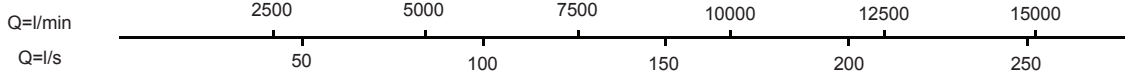
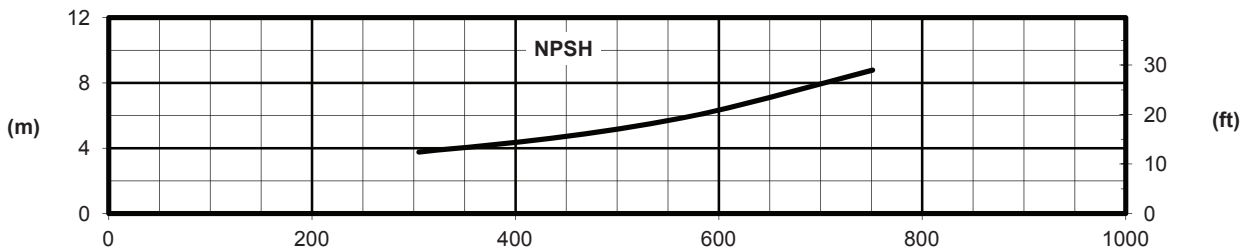
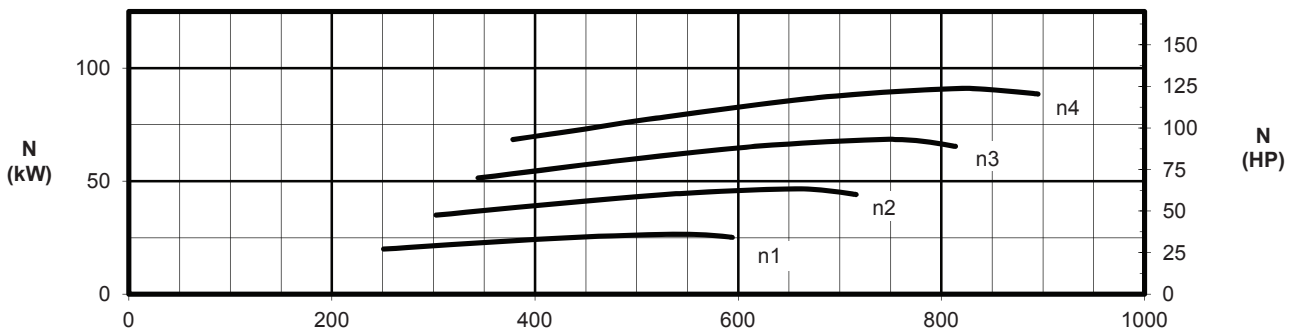
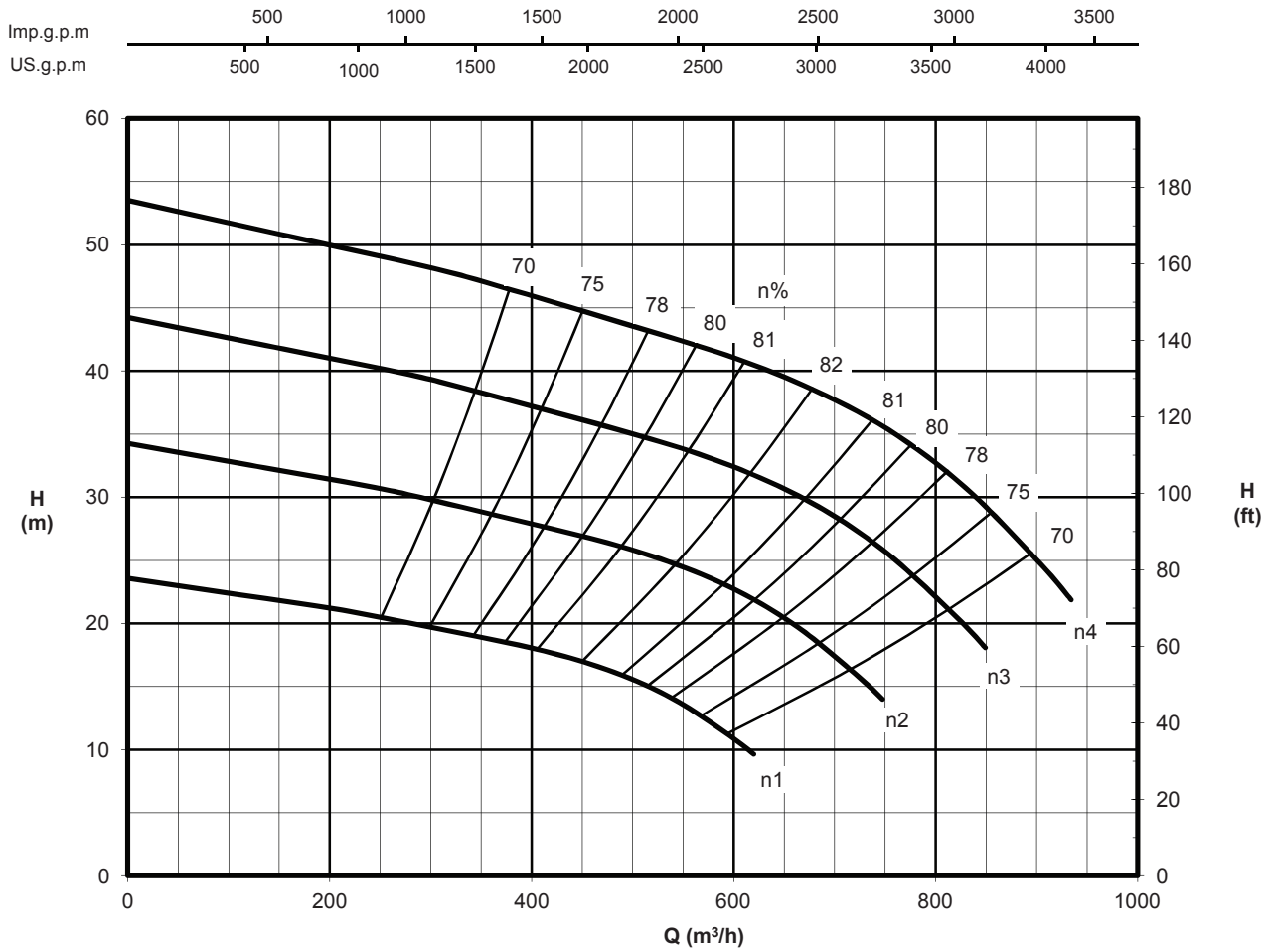
Performances per stage: n4 = 2200 r.p.m

n3 = 2000 r.p.m

n2 = 1760 r.p.m

n1 = 1460 r.p.m

# A14MAV



<p>Bowl diameter : 13''<sup>1</sup>/<sub>2</sub></p> <p>Impeller type : closed</p>	<p>Column losses are not included</p>	<p>Tolerances</p> <p>ISO 9906 GRADE 2</p>
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Manufactured for



by



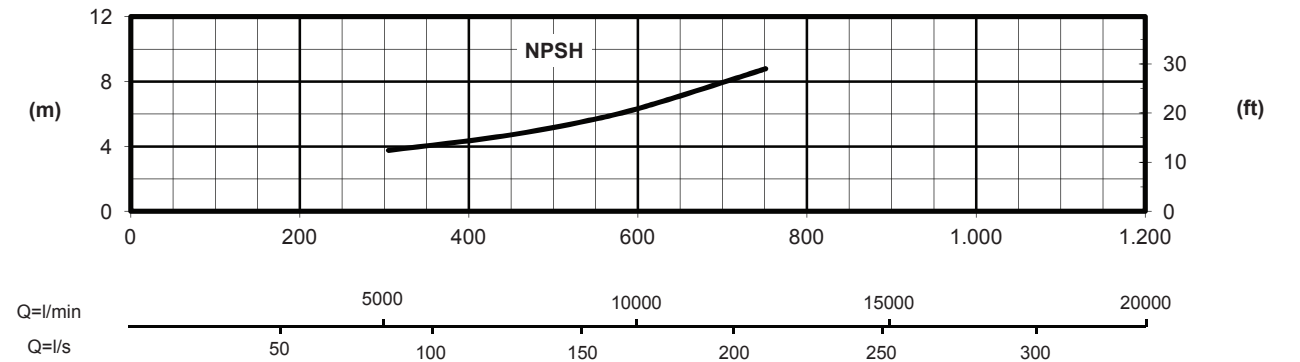
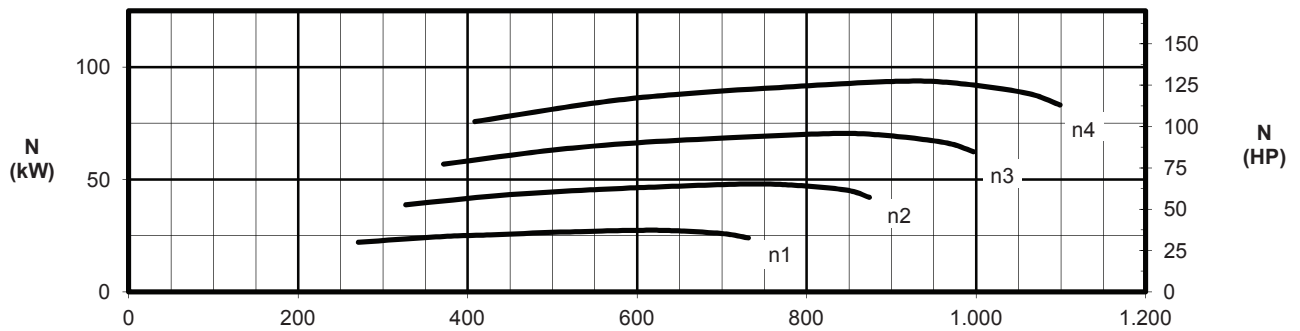
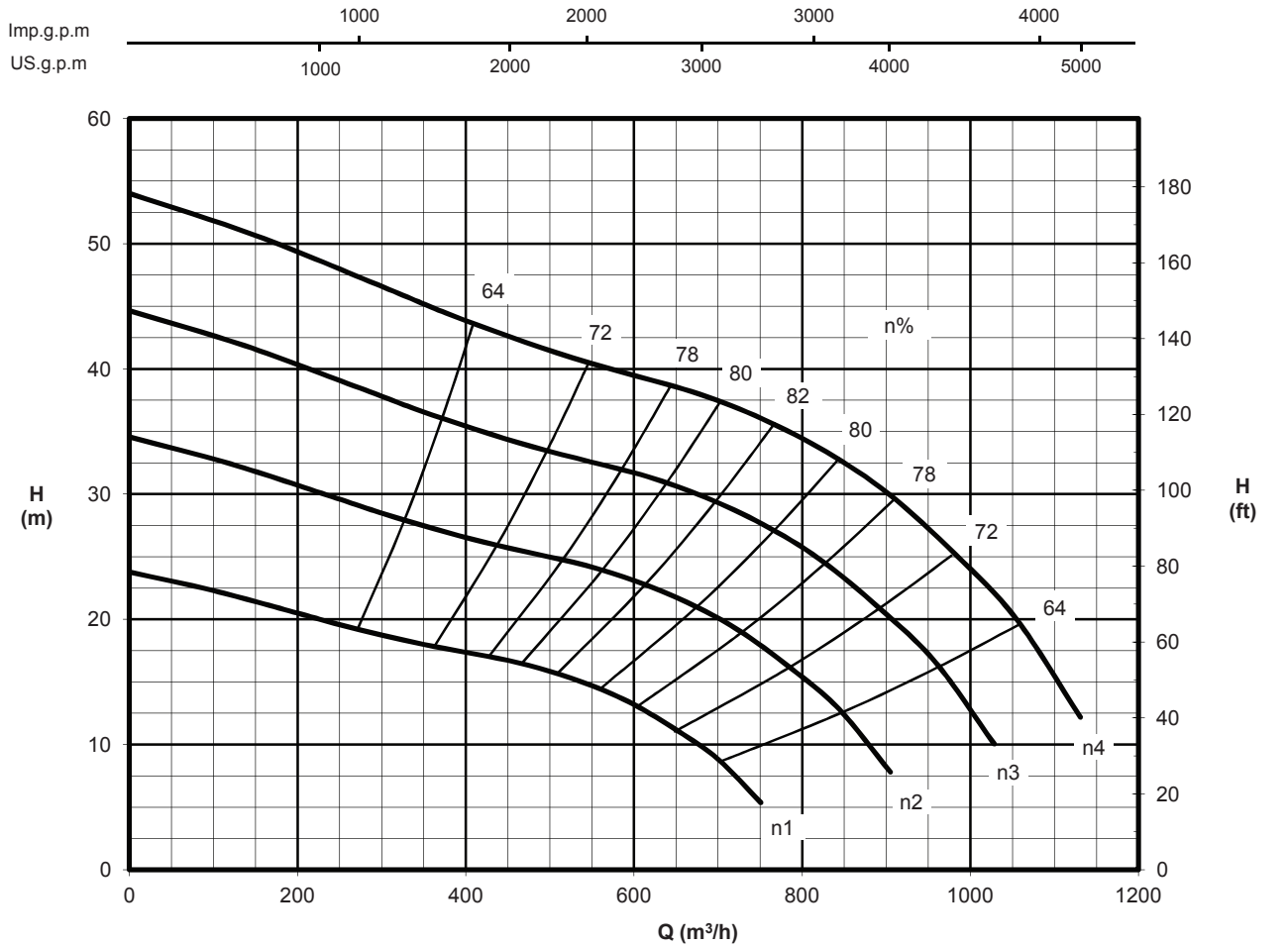
Performances per stage: n4 = 2200 r.p.m

n3 = 2000 r.p.m

n2 = 1760 r.p.m

n1 = 1460 r.p.m

# A14MBV



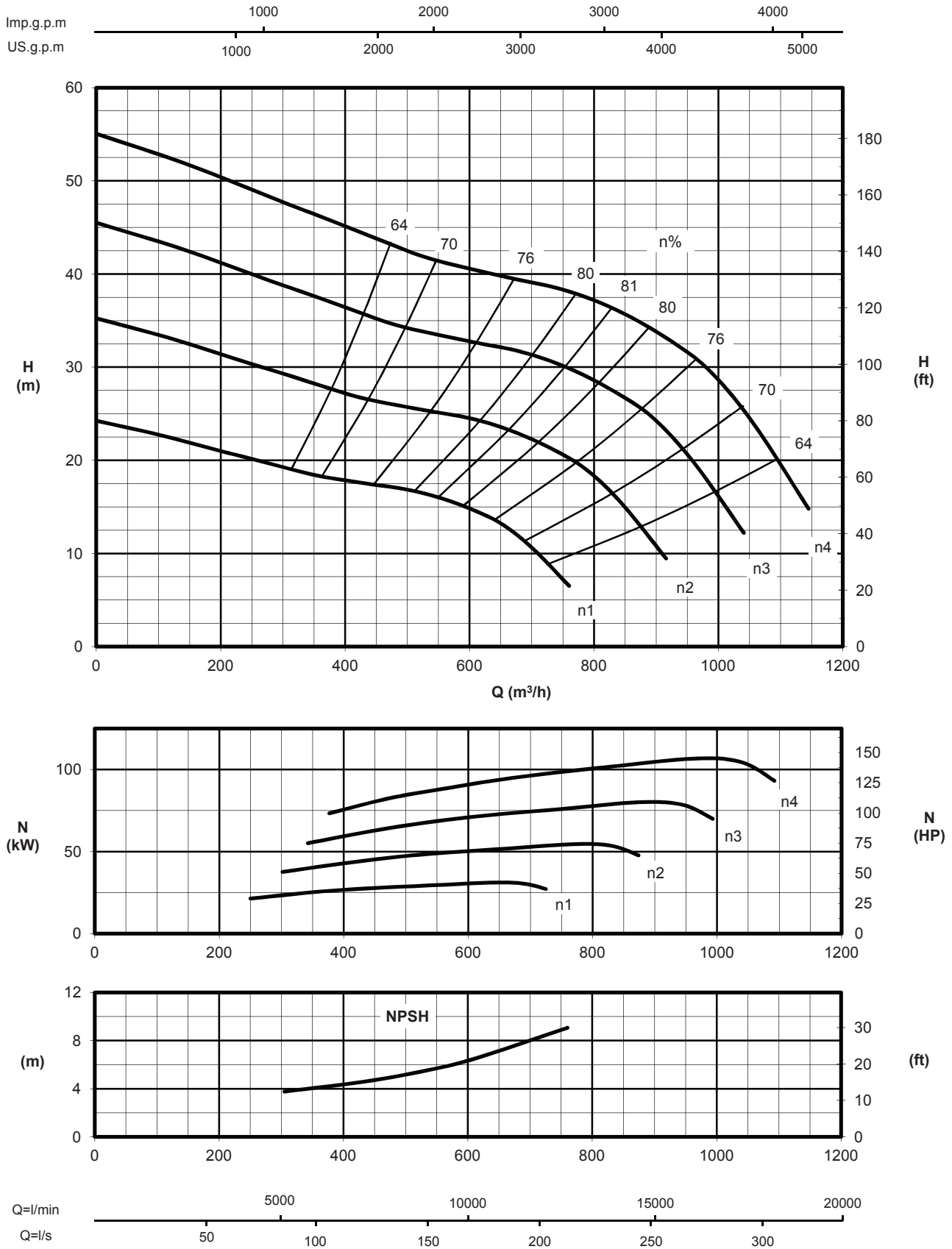
<p><b>Bowl diameter : 13'' 1/2</b></p> <p><b>Impeller type : closed</b></p>	<p><b>Column losses are not included</b></p>	<p><b>Tolerances</b></p> <p><b>ISO 9906 GRADE 2</b></p>
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Manufactured for


 by **ANAVALOS**  
 PUMPS

 Performances per stage: n4 = 2200 r.p.m  
 n3 = 2000 r.p.m  
 n2 = 1760 r.p.m  
 n1 = 1460 r.p.m

# A14MCV



Bowl diameter : 13''1/2

Impeller type : closed

Column losses are not included

Tolerances

ISO 9906 GRADE 2

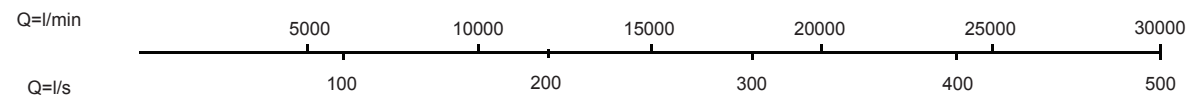
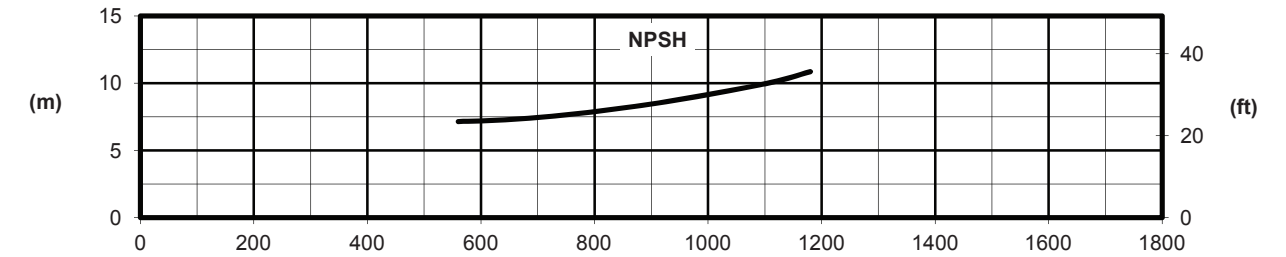
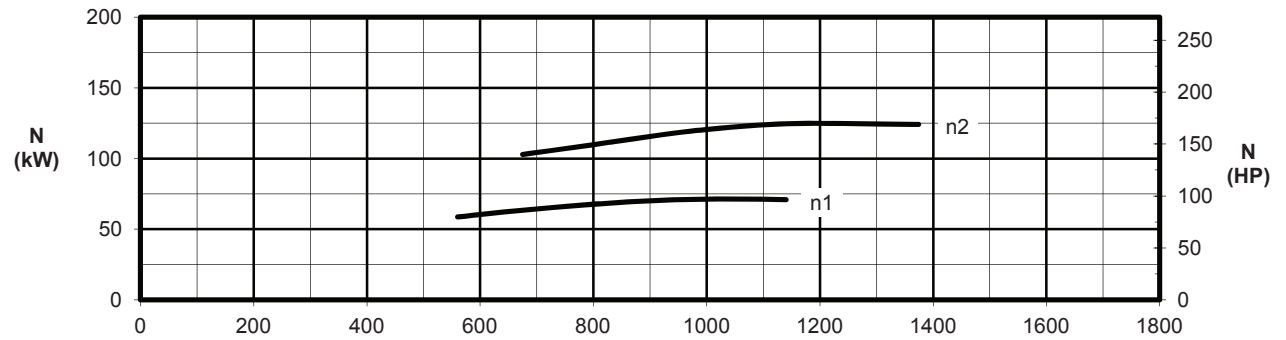
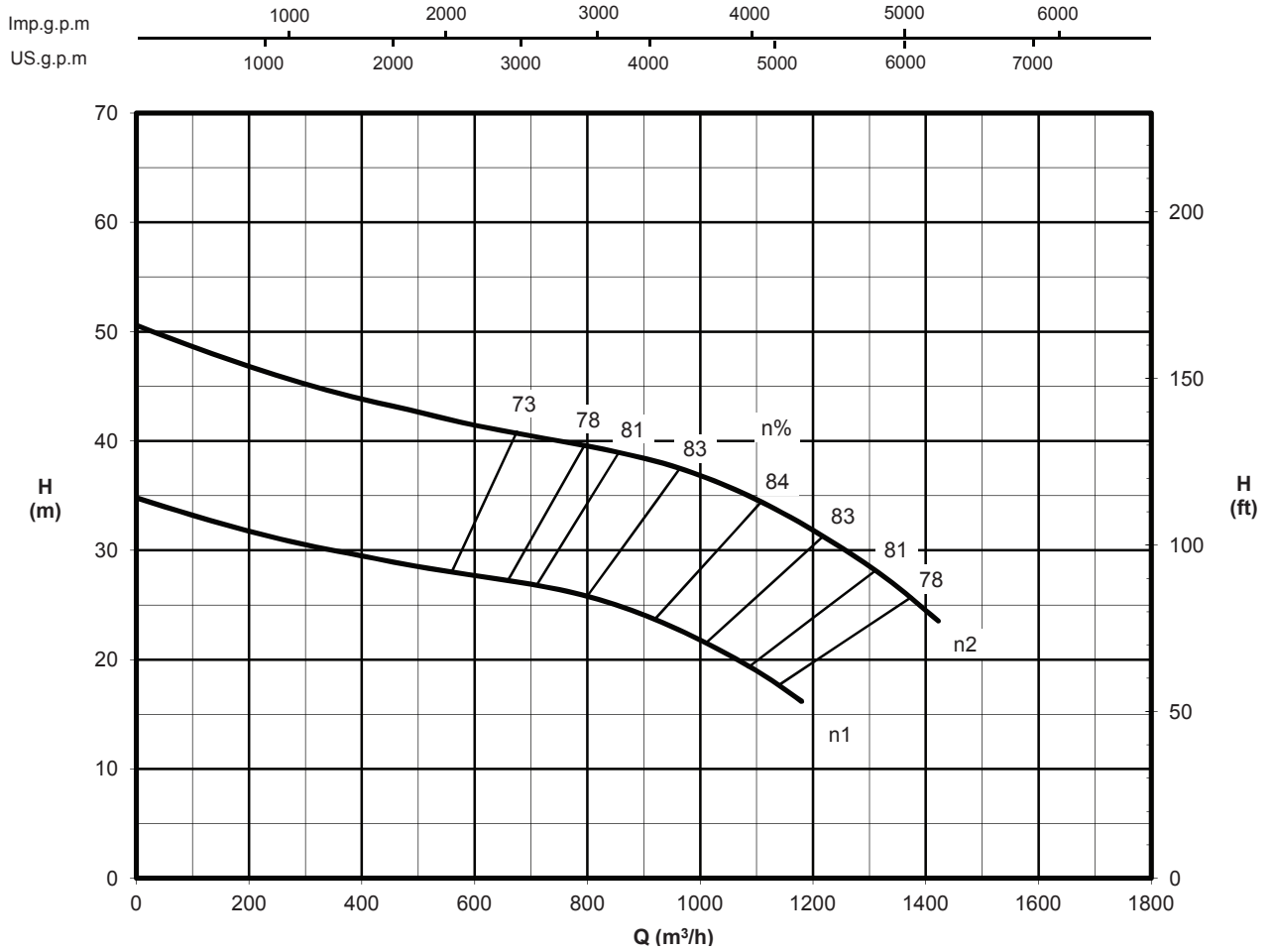
Manufactured for



by **ANAVALOS PUMPS**

Performances per stage: n1 = 1460 r.p.m  
n2 = 1760 r.p.m

# A18MBV



Bowl diameter : 17" Impeller type : closed	Column losses are not included	Tolerances ISO 9906 GRADE 2
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Manufactured for

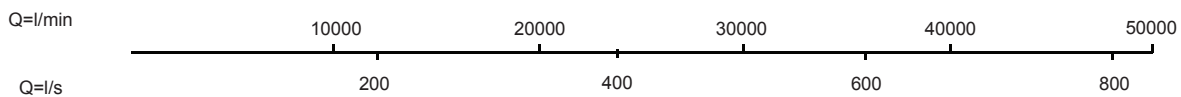
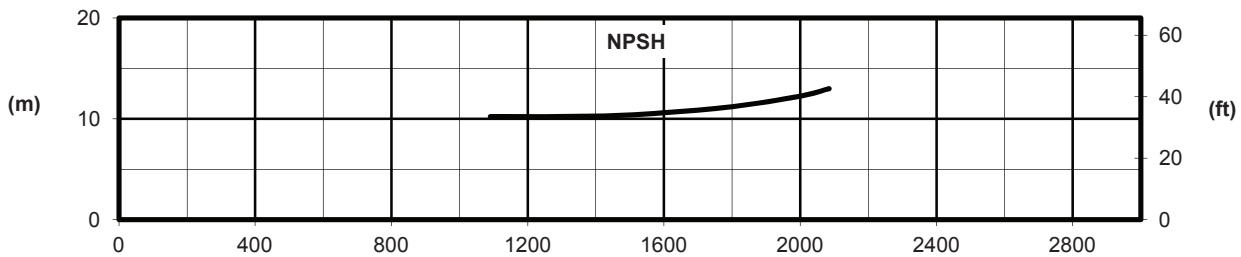
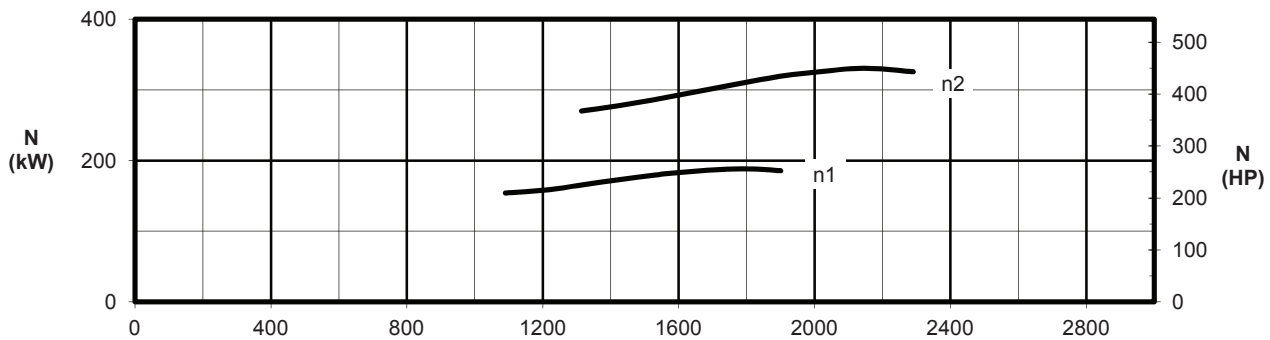
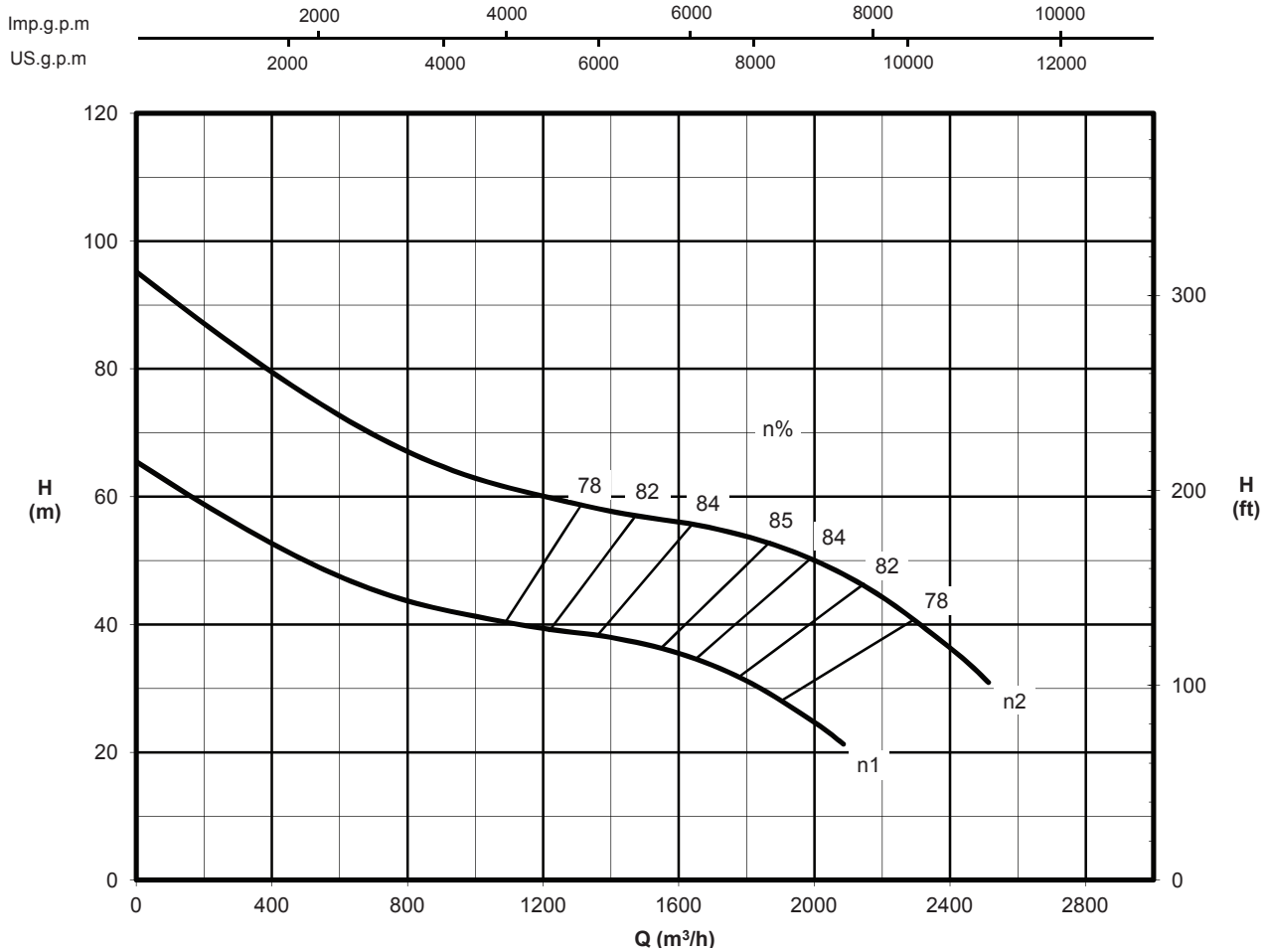


**Archimedes**  
 Pump

by


**ANAVALOS**  
 PUMPS

 Performances per stage: n1 = 1460 r.p.m  
 n2 = 1760 r.p.m

**A24MBV**


Bowl diameter : 23"3/8

Impeller type : closed

Column losses are not included

Tolerances

ISO 9906 GRADE 2

Manufactured for

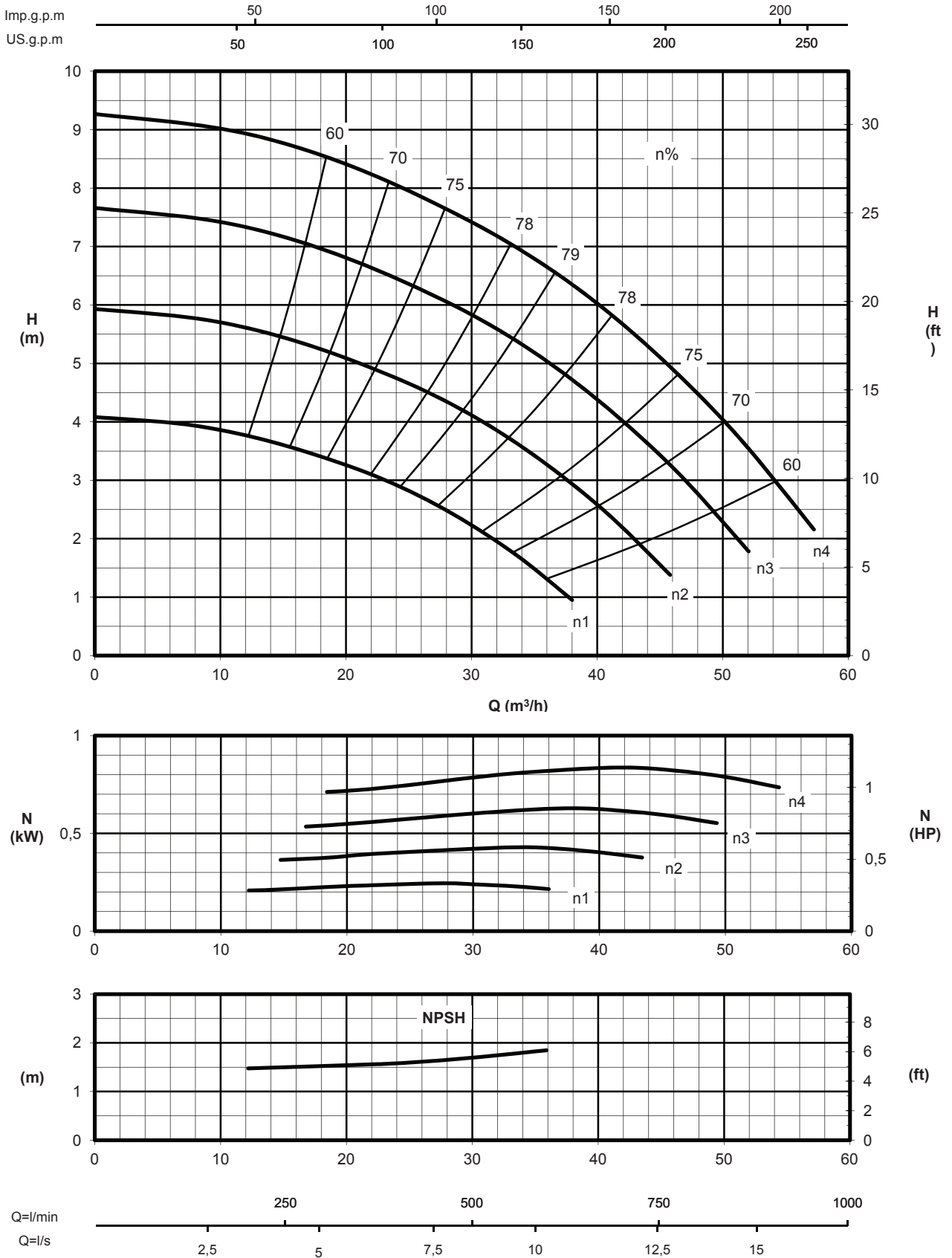


by



Performances per stage: n4 = 2200 r.p.m  
n3 = 2000 r.p.m  
n2 = 1760 r.p.m  
n1 = 1460 r.p.m

# A6SBV



<p><b>Bowl diameter : 5''1/2</b></p> <p><b>Impeller type : semi-closed</b></p>	<p><b>Column losses are not included</b></p>	<p><b>Tolerances</b></p> <p><b>ISO 9906 GRADE 2</b></p>
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Manufactured for

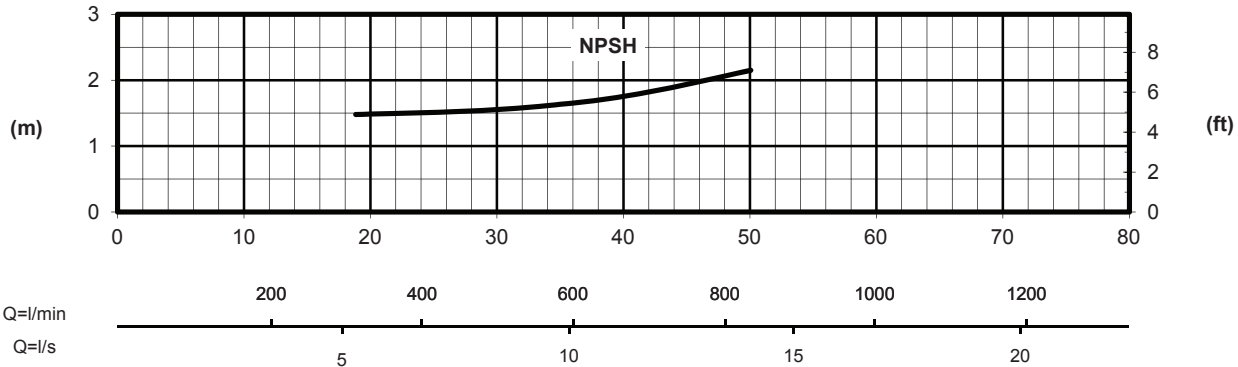
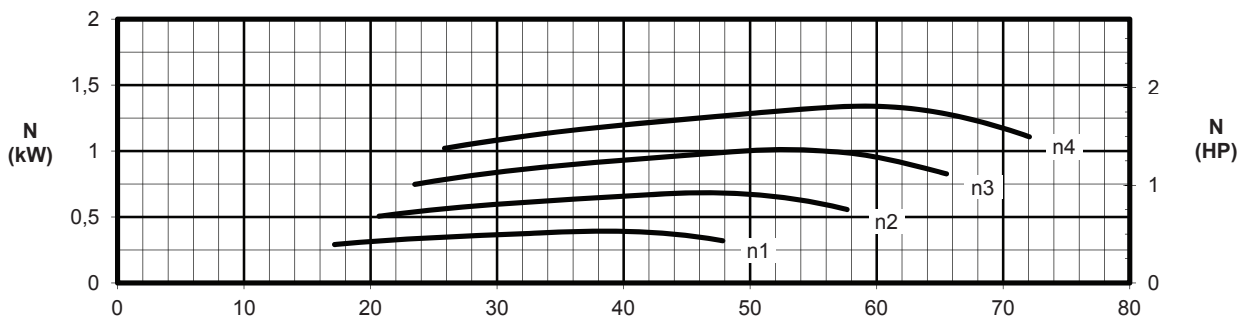
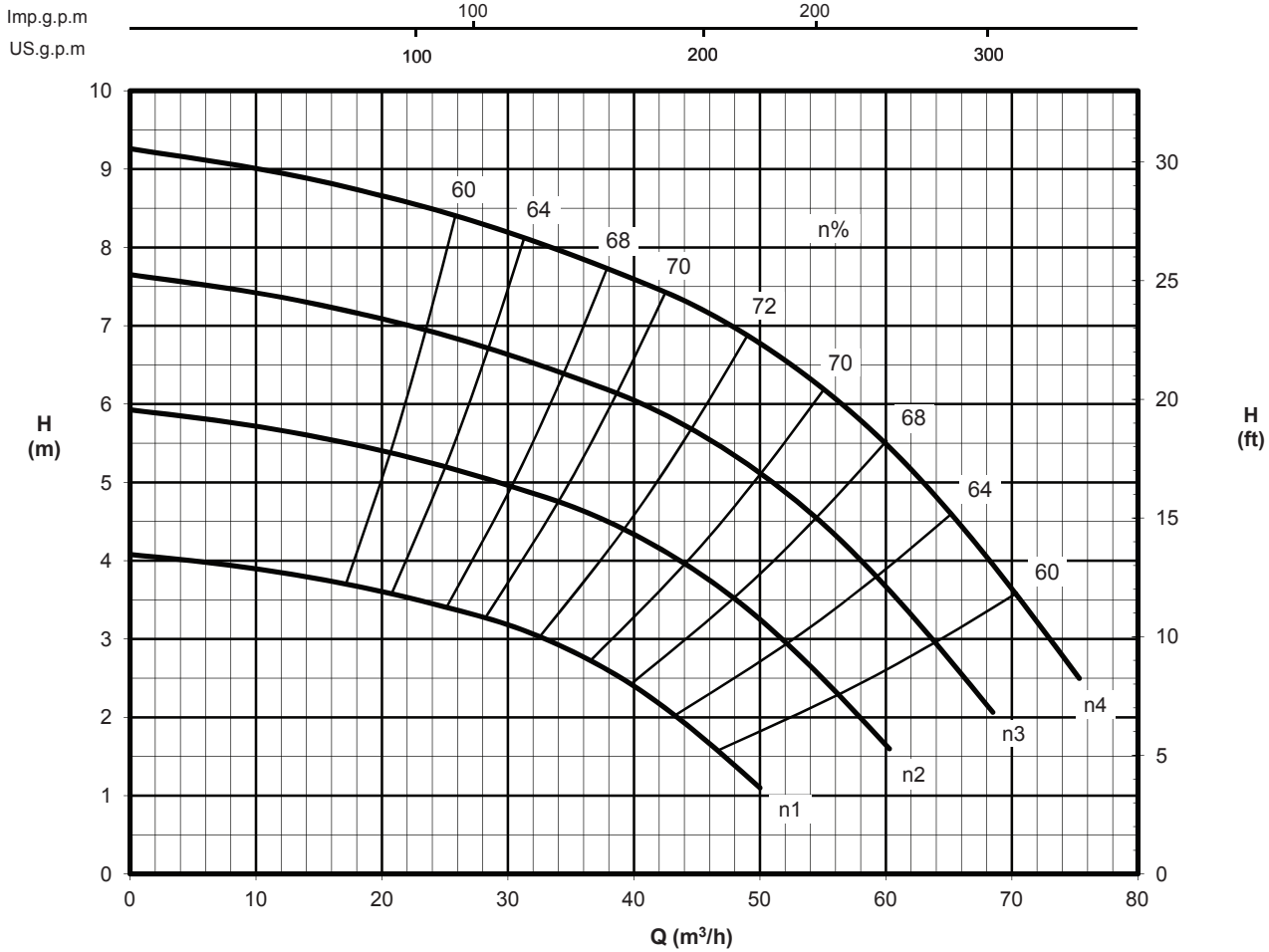


by



Performances per stage:

 n4 = 2200 r.p.m  
 n3 = 2000 r.p.m  
 n2 = 1760 r.p.m  
 n1 = 1460 r.p.m

**A6SCV**


Bowl diameter : 5''1/2 Impeller type : semi-closed	Column losses are not included	Tolerances ISO 9906 GRADE 2
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Manufactured for



**Archimedes**  
Pump

by

**ANAVALOS**  
PUMPS

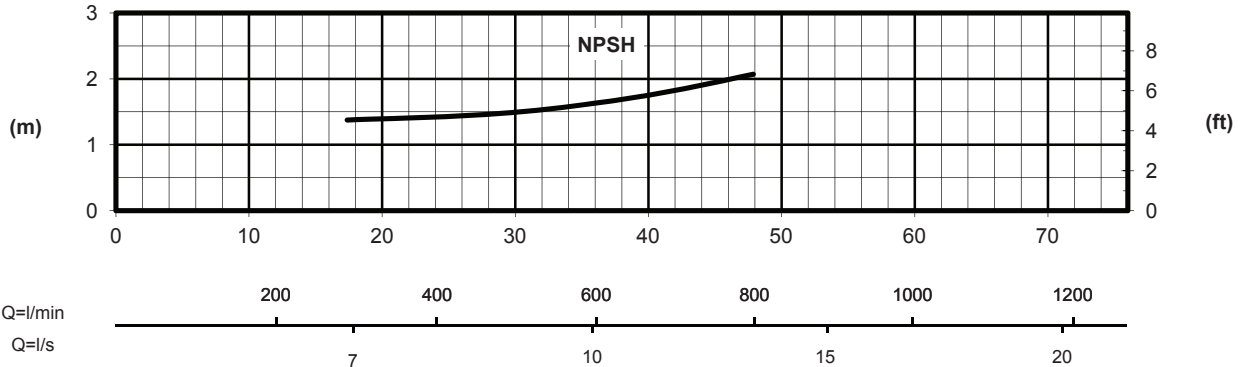
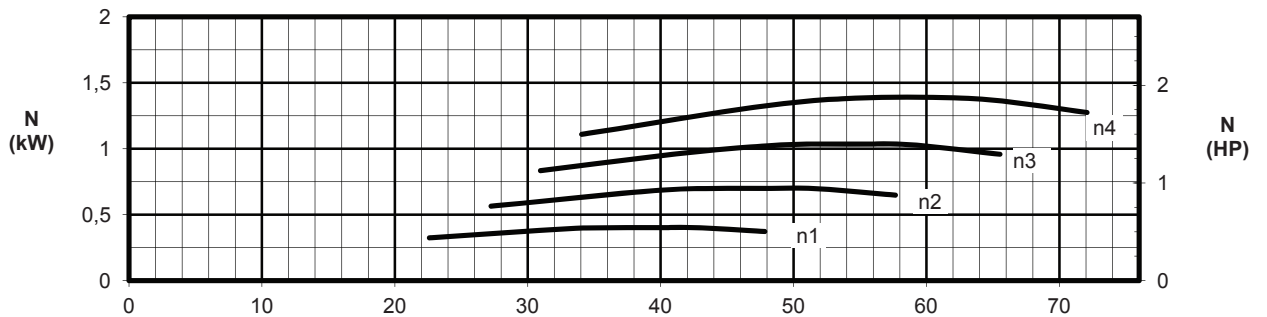
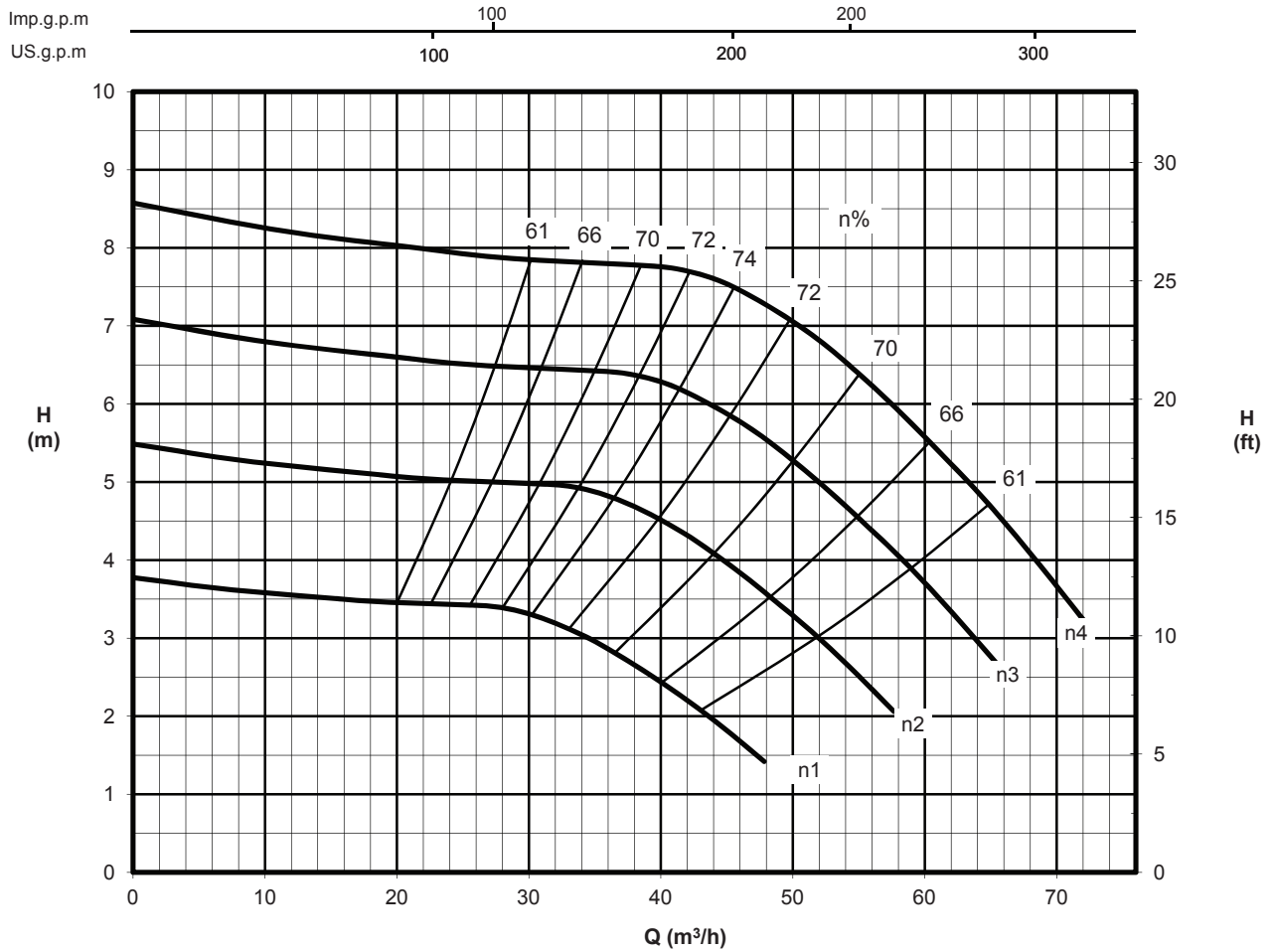
Performances per stage: n4 = 2200 r.p.m

n3 = 2000 r.p.m

n2 = 1760 r.p.m

n1 = 1460 r.p.m

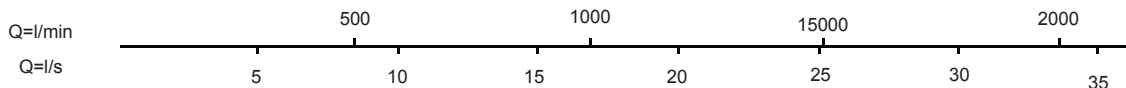
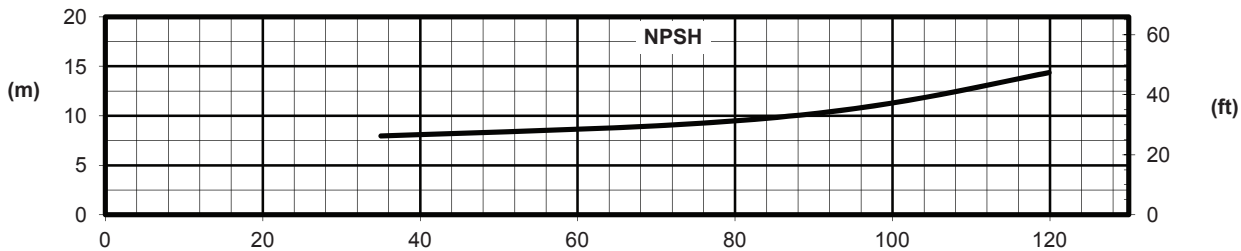
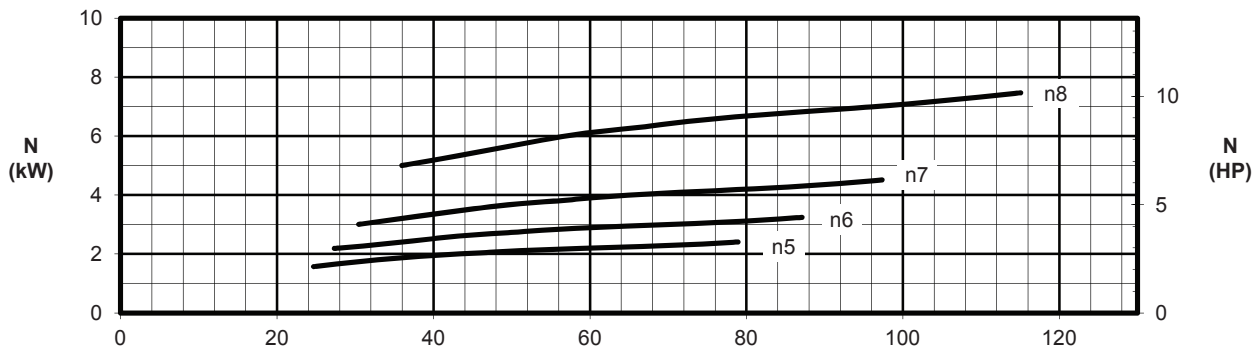
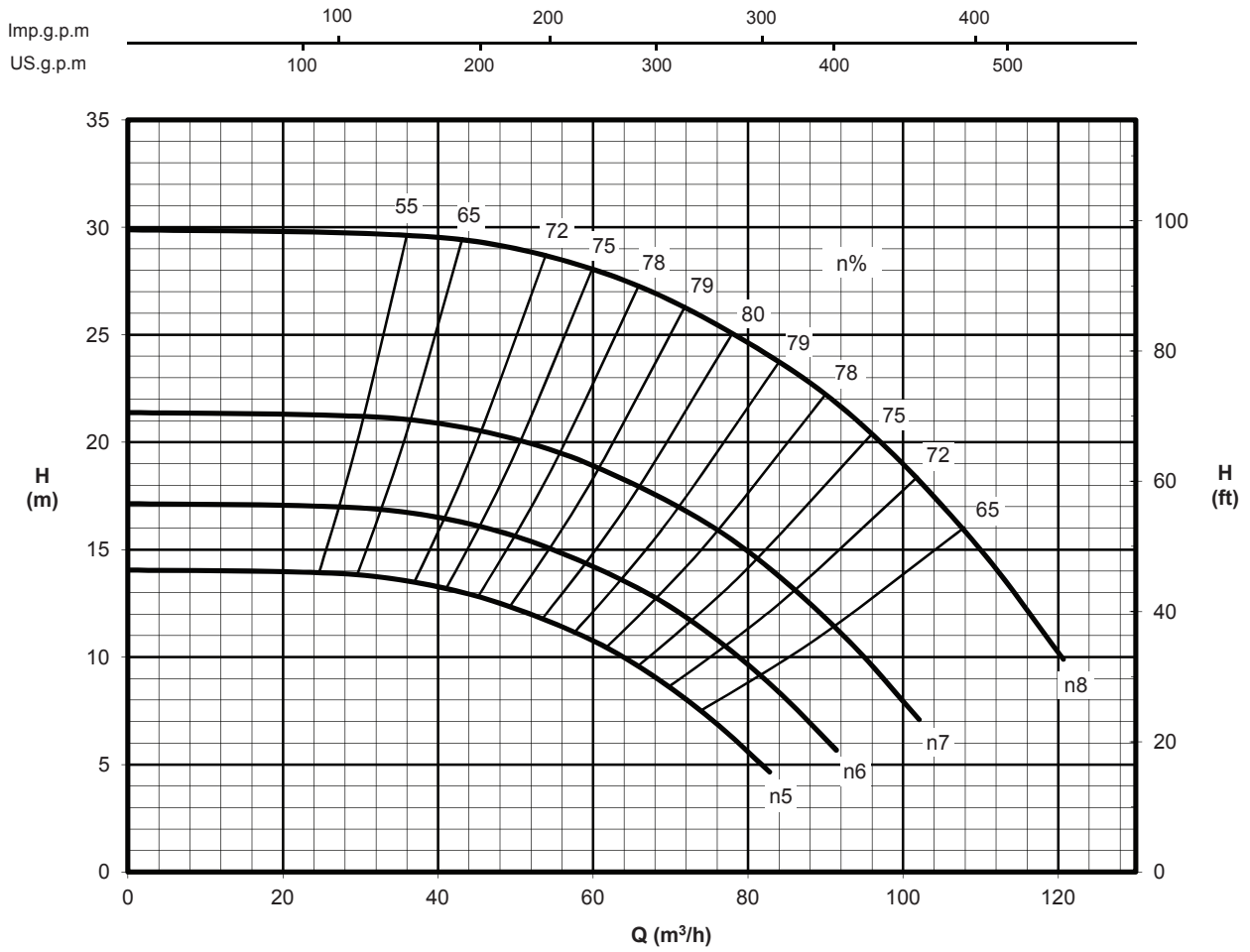
**A6SDV**



Bowl diameter : 143mm Impeller type : semi-closed	Column losses are not included	Tolerances ISO 9906 GRADE 2
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Manufactured for


 by **ANAVALOS**  
 PUMPS

 Performances per stage: n4 = 2200 r.p.m  
 n3 = 2000 r.p.m  
 n2 = 1760 r.p.m  
 n1 = 1460 r.p.m  
**A7SBV**

 Bowl diameter : 166mm 6" 5/8  
 Impeller type : semi-closed

Column losses are not included

 Tolerances  
 ISO 9906 GRADE 2

Manufactured for



Archimedes Pump

by

ANAVALOS PUMPS

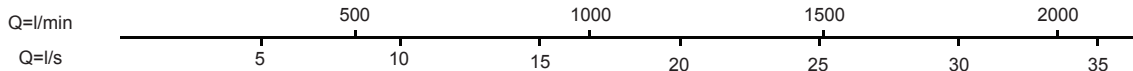
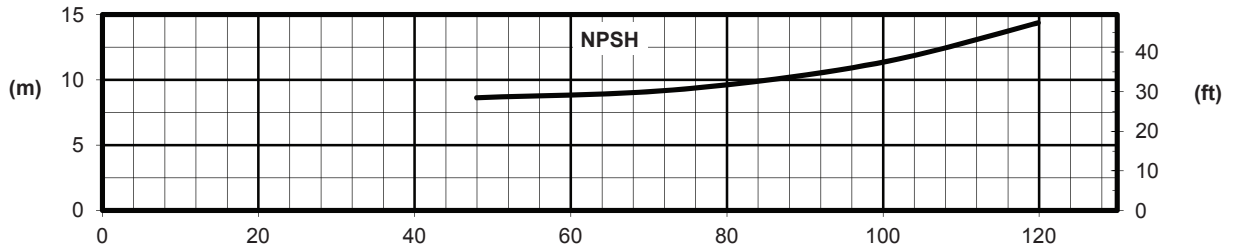
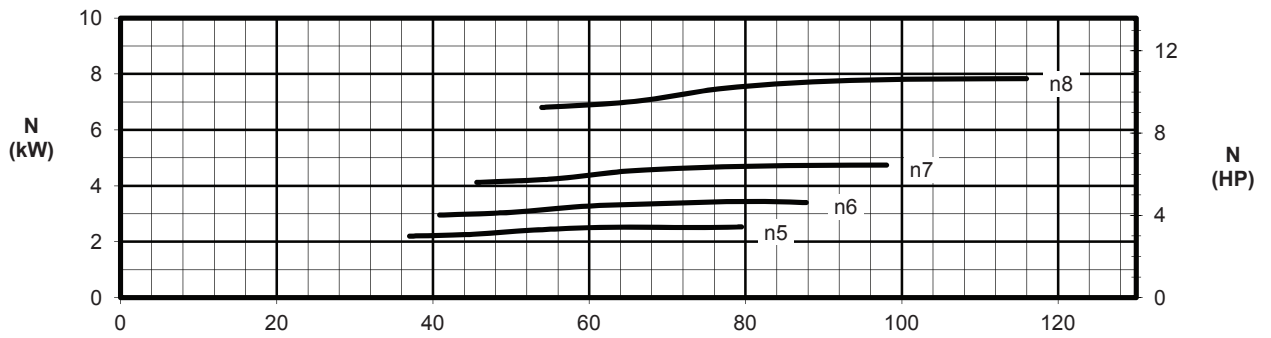
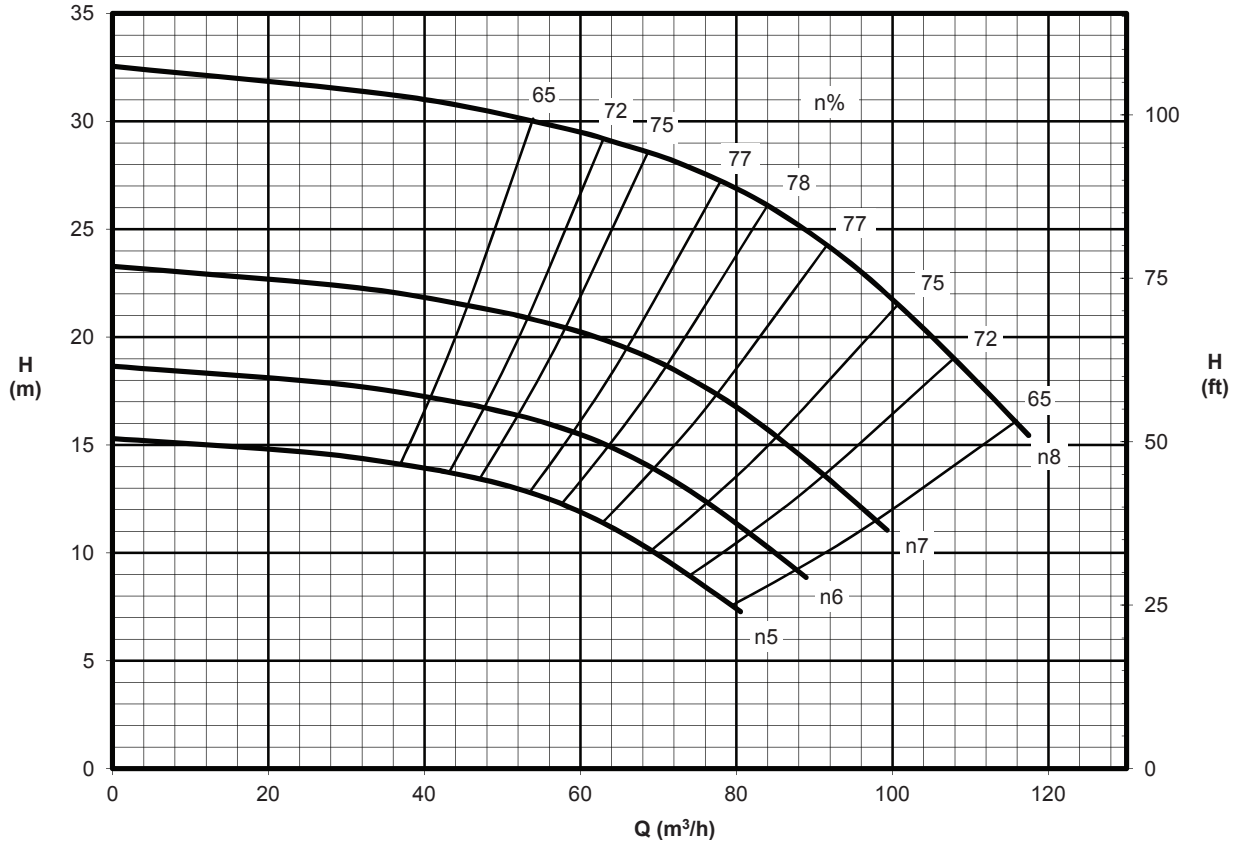
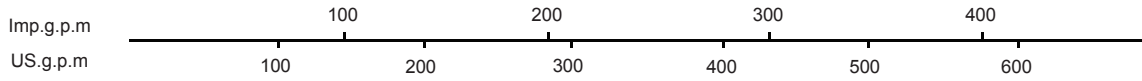
Performances per stage: n8 = 3500 r.p.m

n7 = 2960 r.p.m

n6 = 2650 r.p.m

n5 = 2400 r.p.m

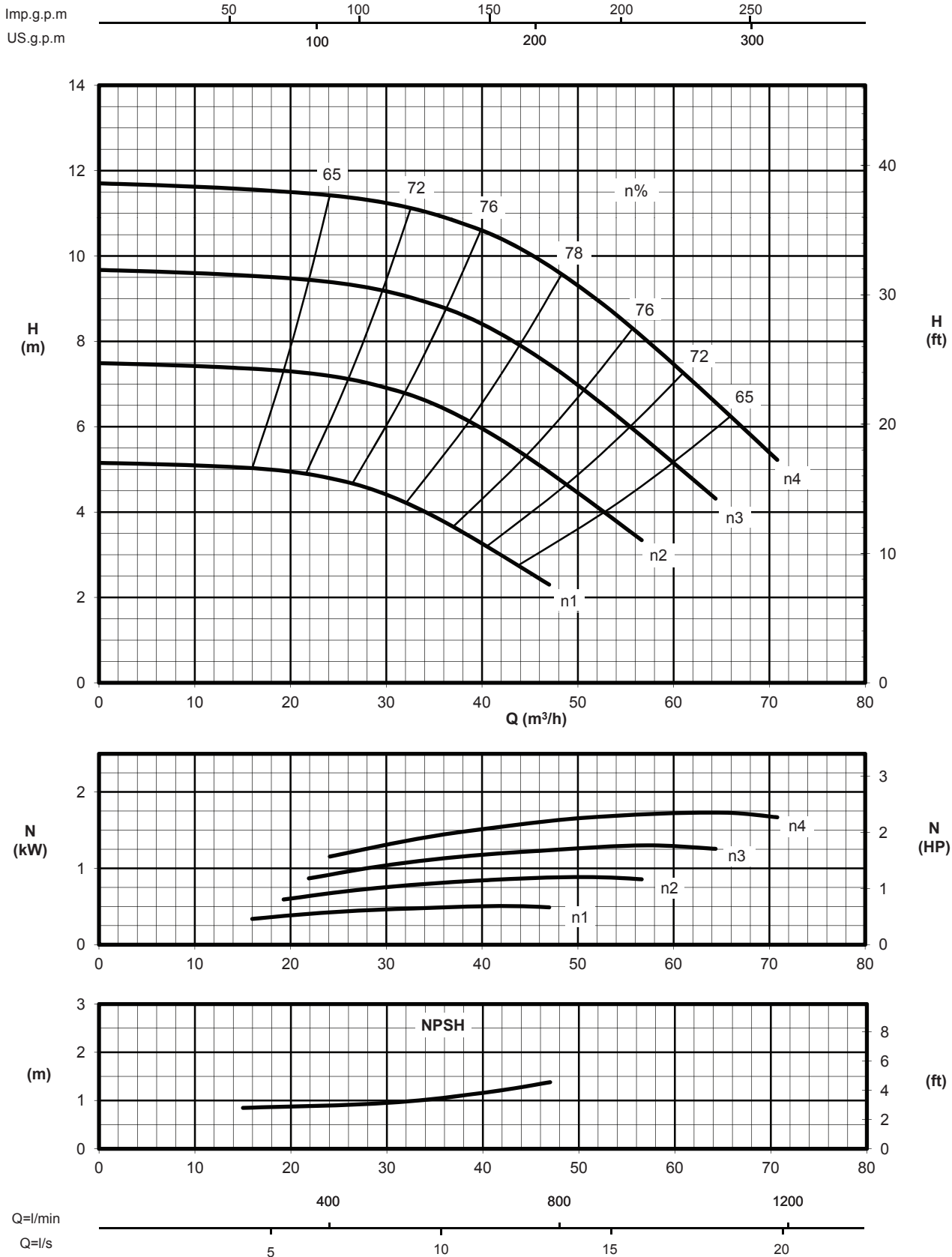
# A7SCV



Bowl diameter : 166mm 6" 5/8 Impeller type : semi-closed	Column losses are not included	Tolerances ISO 9906 GRADE 2
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Manufactured for


 by **ANAVALOS**  
 PUMPS

 Performances per stage: n4 = 2200 r.p.m  
 n3 = 2000 r.p.m  
 n2 = 1760 r.p.m  
 n1 = 1460 r.p.m  
**A7CAV**


Bowl diameter : 6" 5/8 Impeller type : closed	Column losses are not included	Tolerances ISO 9906 GRADE 2
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Manufactured for



by



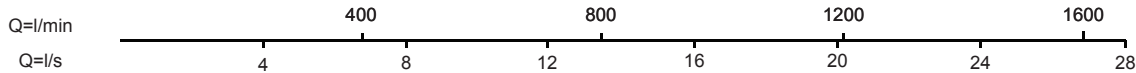
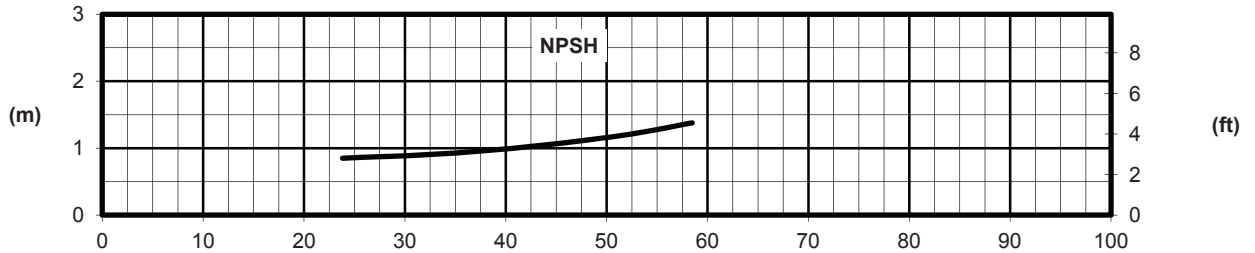
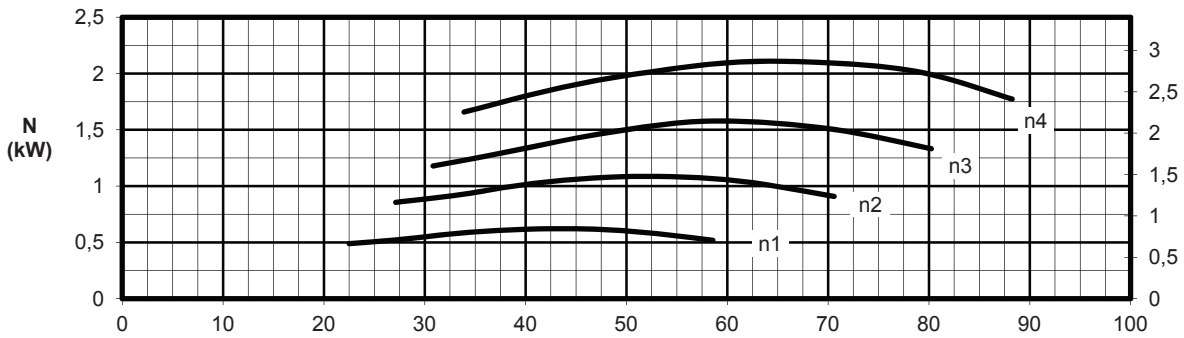
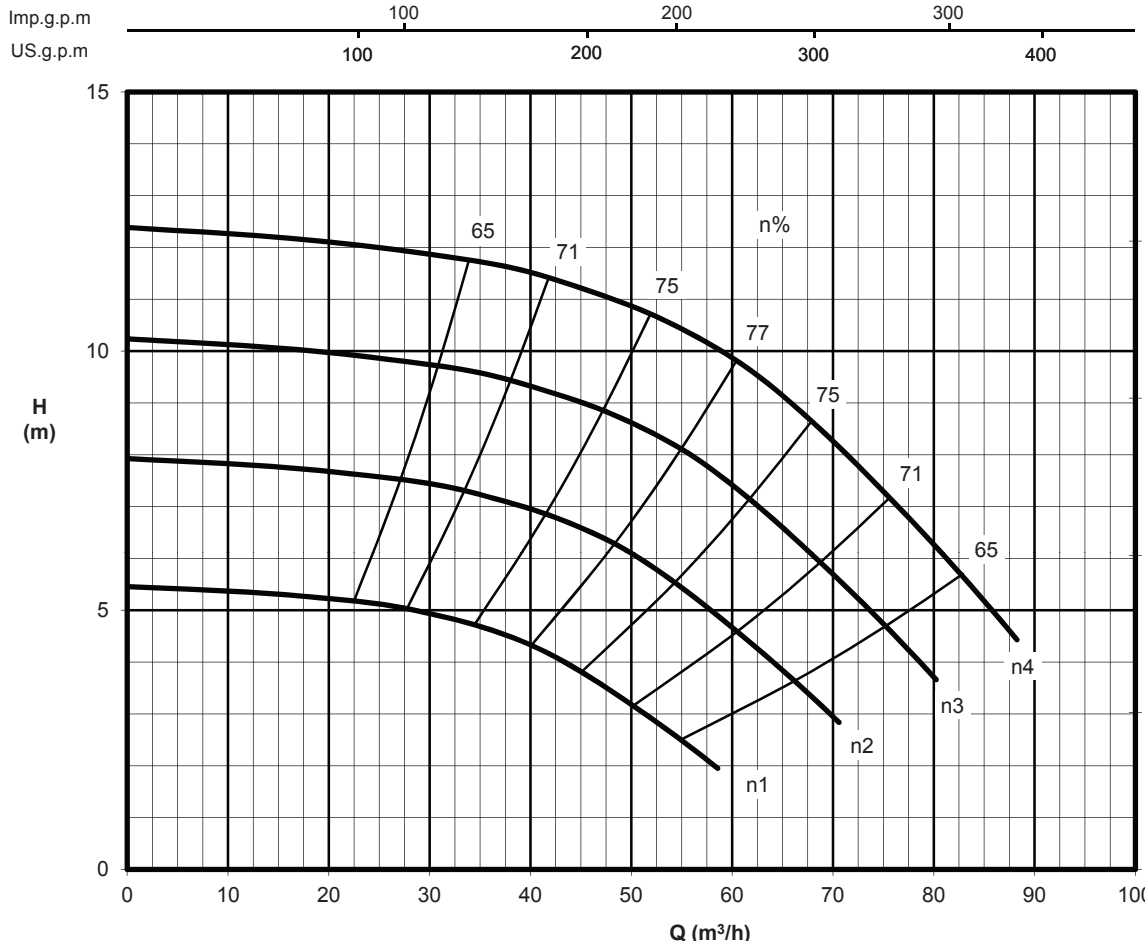
Performances per stage: n4 = 2200 r.p.m

n3 = 2000 r.p.m

n2 = 1760 r.p.m

n1 = 1460 r.p.m

**A7CBV**



<p>Bowl diameter : 6" 5/8</p> <p>Impeller type : closed</p>	<p>Column losses are not included</p>	<p>Tolerances</p> <p>ISO 9906 GRADE 2</p>
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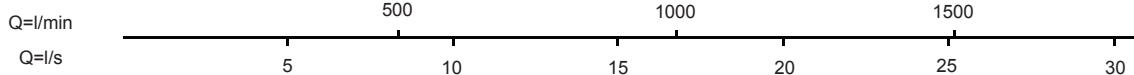
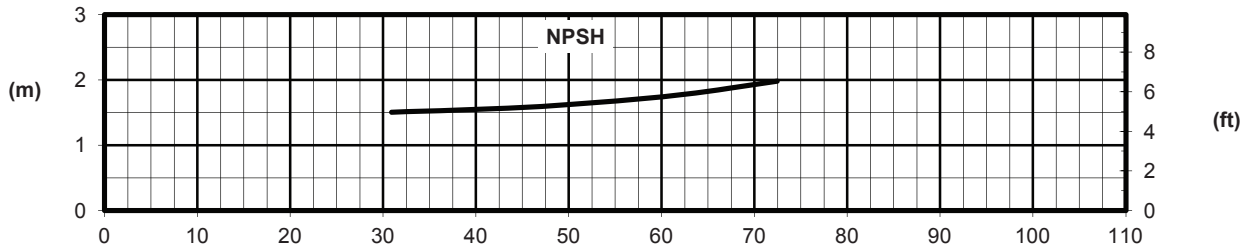
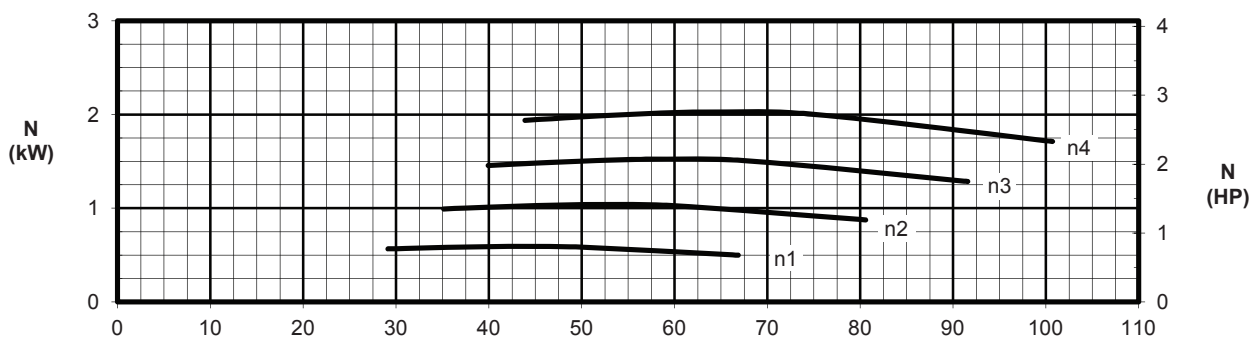
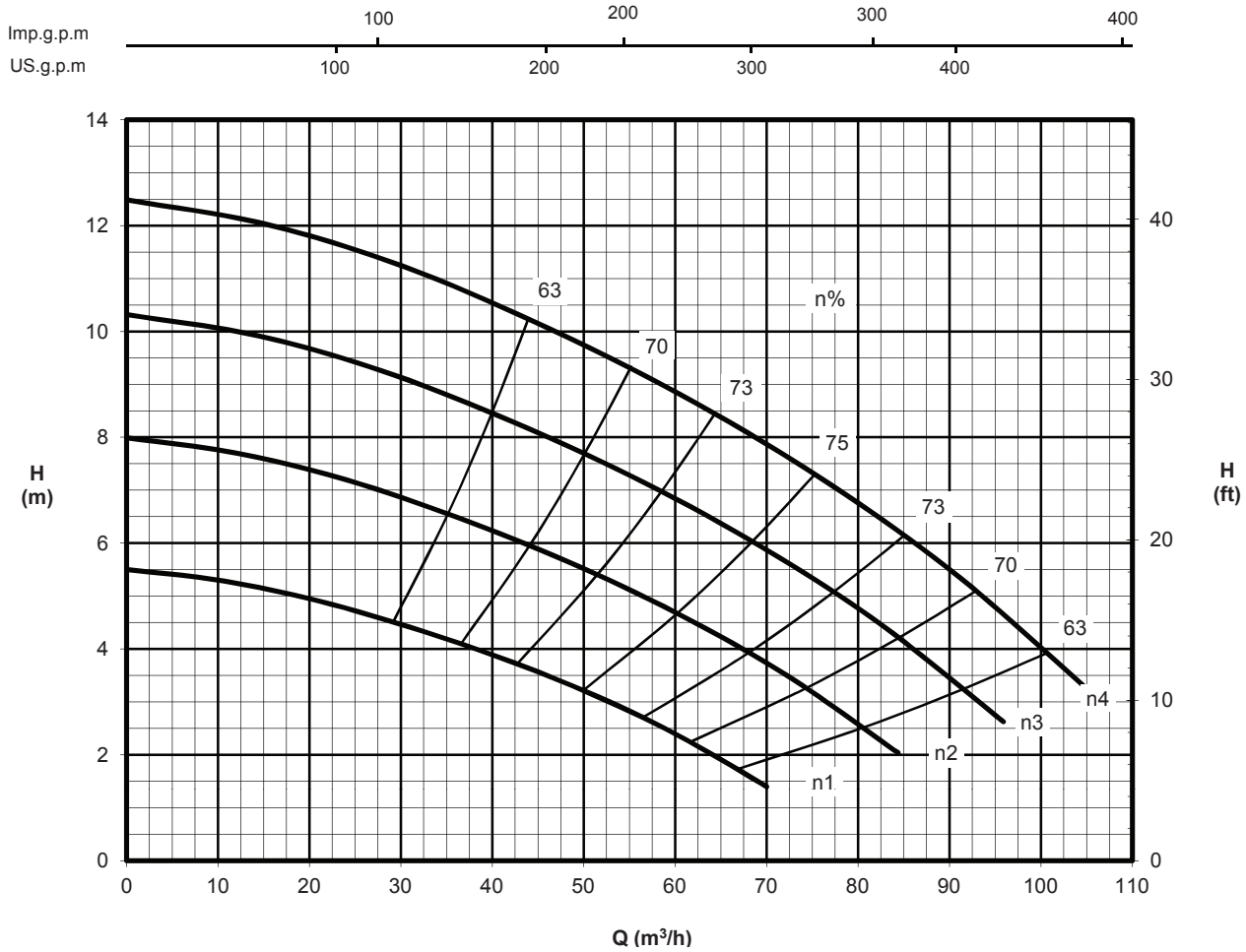
Manufactured for



**Archimedes**  
 Pump

 by 
**ANAVALOS**  
 PUMPS

 Performances per stage: n4 = 2200 r.p.m  
 n3 = 2000 r.p.m  
 n2 = 1760 r.p.m  
 n1 = 1460 r.p.m

**A7CLCV**


Bowl diameter : 7" 1/16 Impeller type : semi-closed	Column losses are not included	Tolerances ISO 9906 grade 2
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Manufactured for

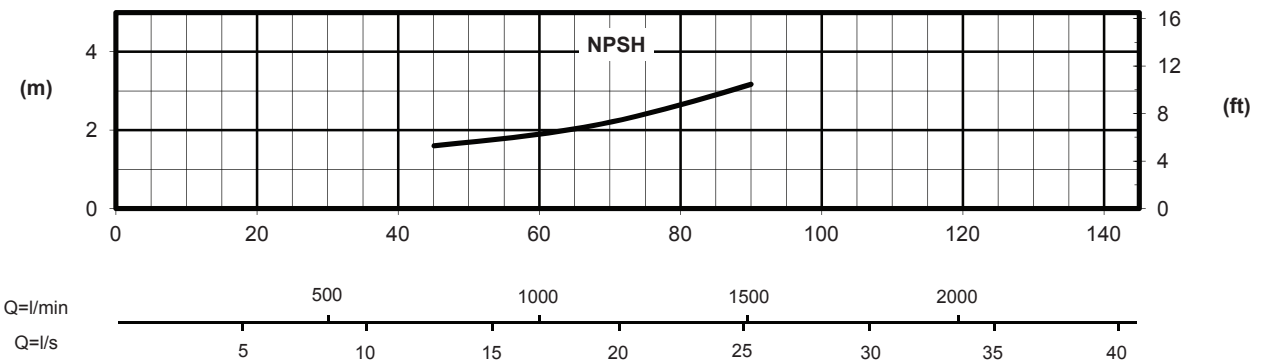
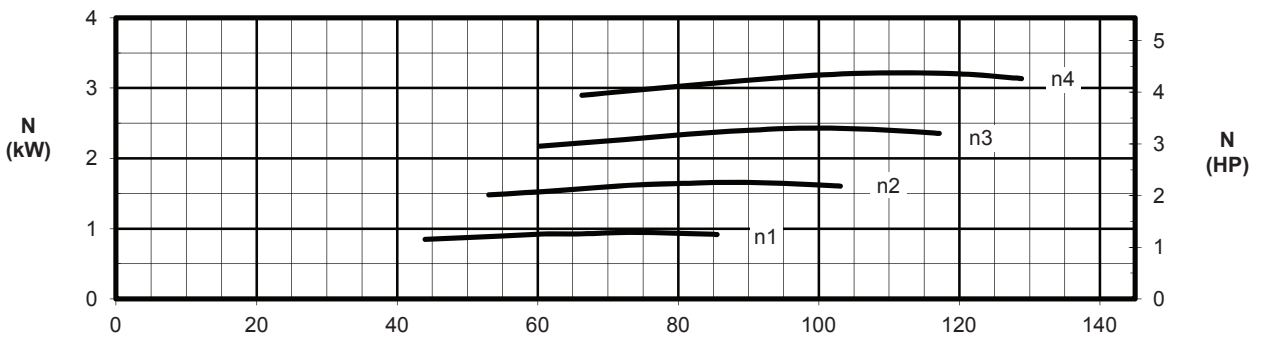
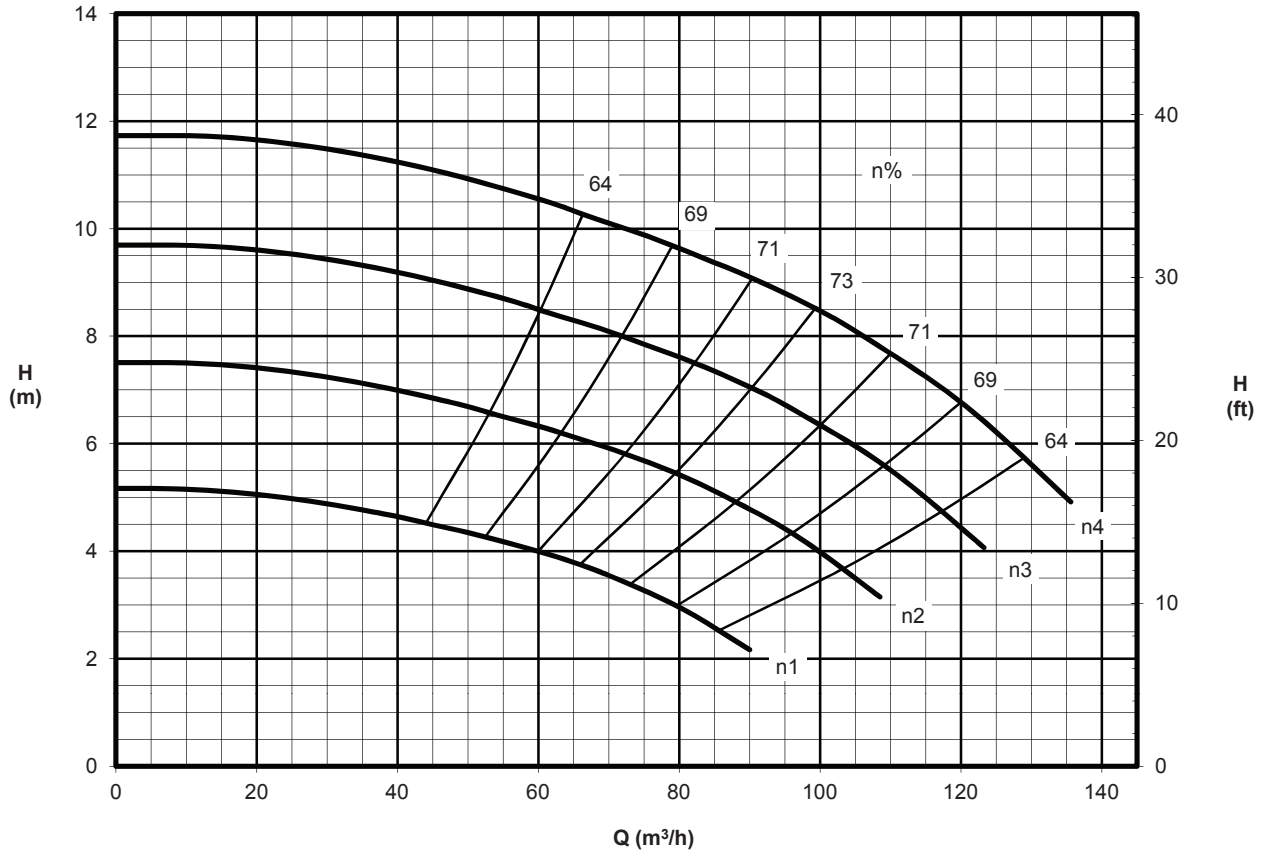
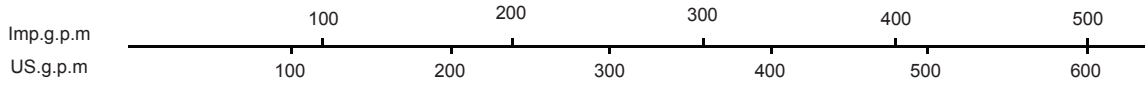


by



Performances per stage: n4 = 2200 r.p.m  
 n3 = 2000 r.p.m  
 n2 = 1760 r.p.m  
 n1 = 1460 r.p.m

# A7CLDV



Bowl diameter : 7" 1/16 Impeller type : semi-closed	Column losses are not included	Tolerances ISO 9906 grade 2
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Manufactured for

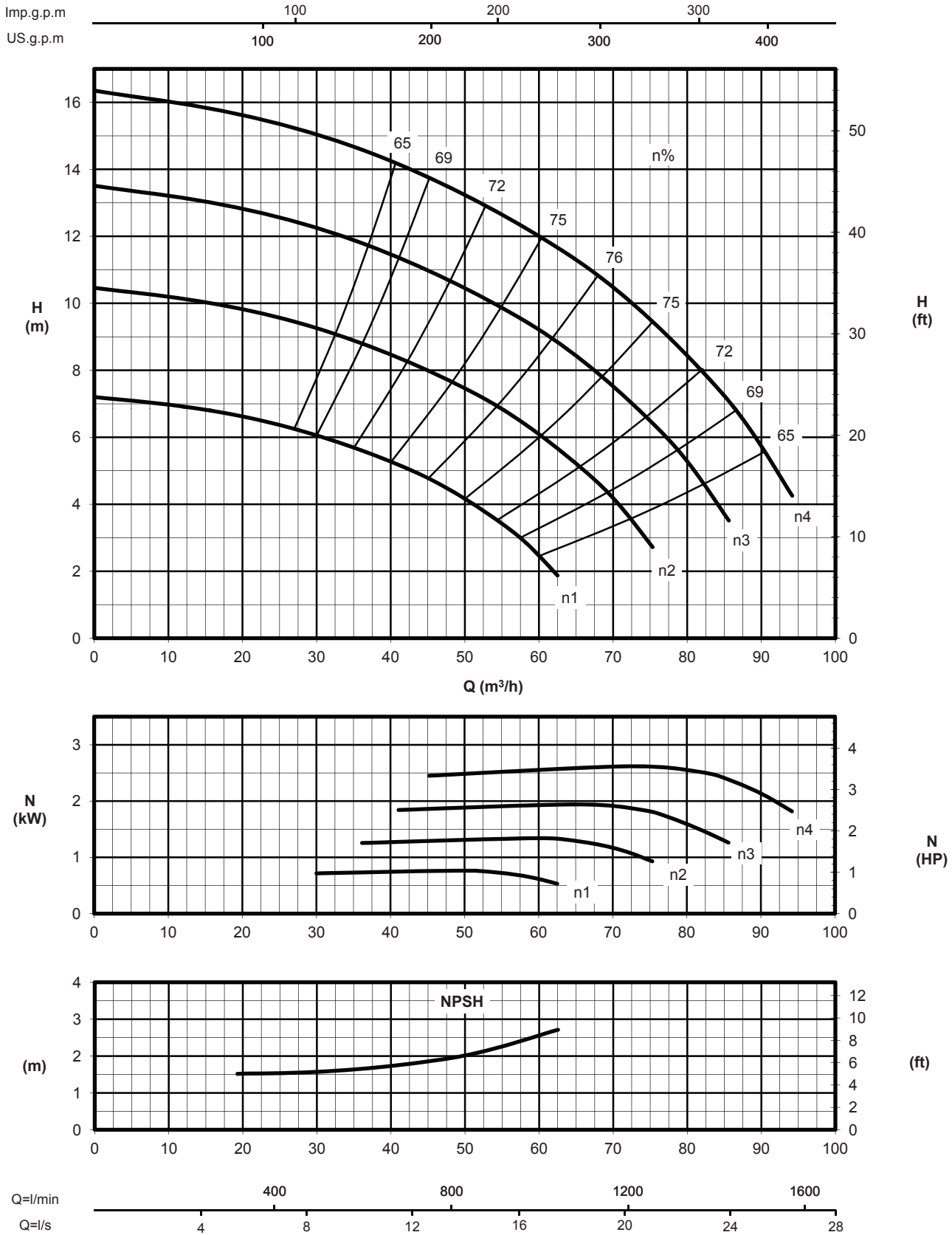


**Archimedes**  
 Pump

by


**ANAVALOS**  
 PUMPS

 Performances per stage: n4 = 2200 r.p.m  
 n3 = 2000 r.p.m  
 n2 = 1760 r.p.m  
 n1 = 1460 r.p.m

**A8SAV**


Bowl diameter : 7"1/2 Impeller type : semi-closed	Column losses are not included	Tolerances ISO 9906 GRADE 2
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Manufactured for

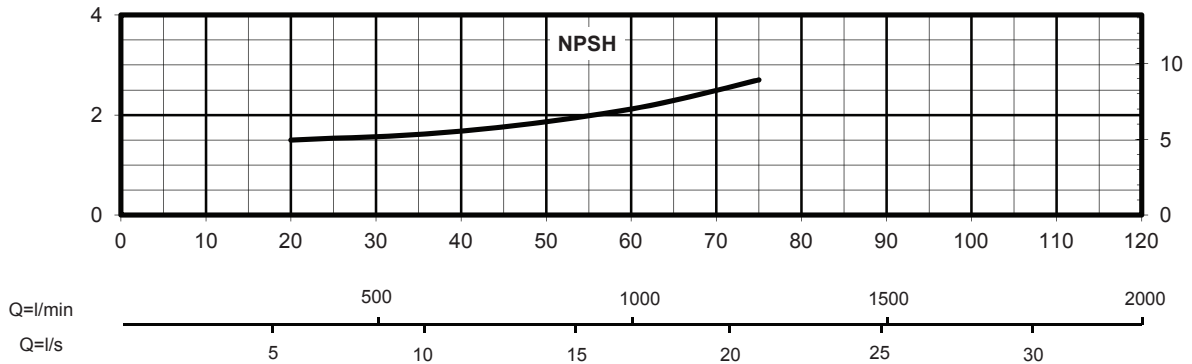
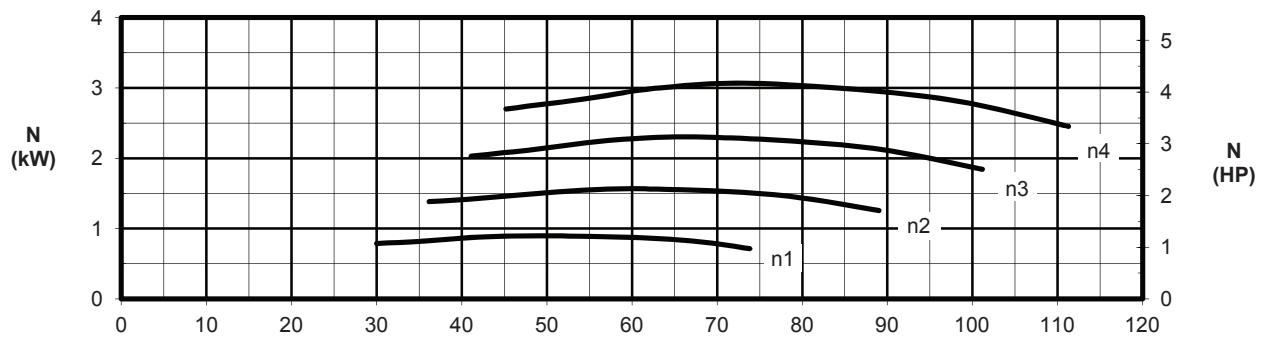
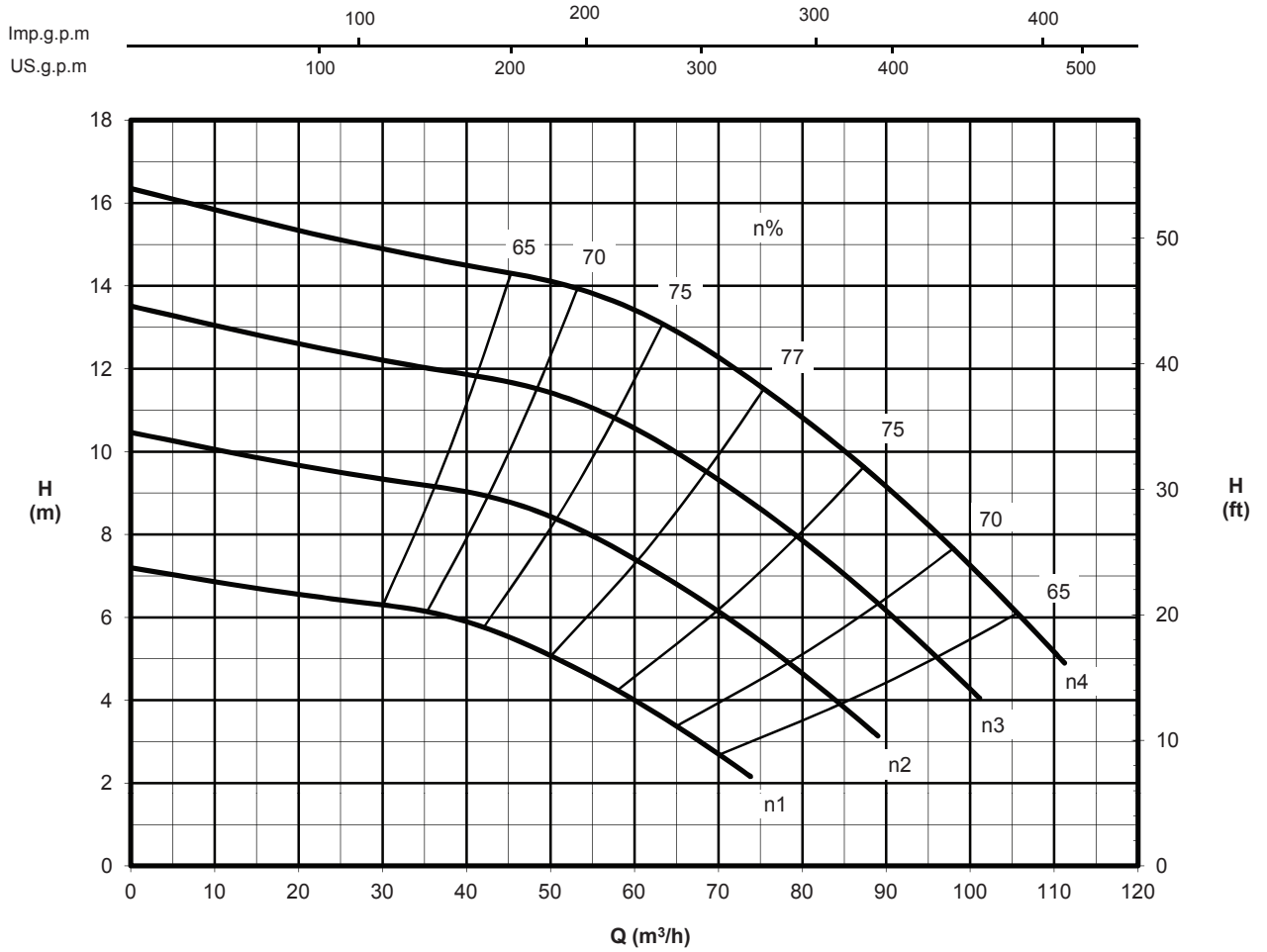


by



Performances per stage: n4 = 2200 r.p.m  
n3 = 2000 r.p.m  
n2 = 1760 r.p.m  
n1 = 1460 r.p.m

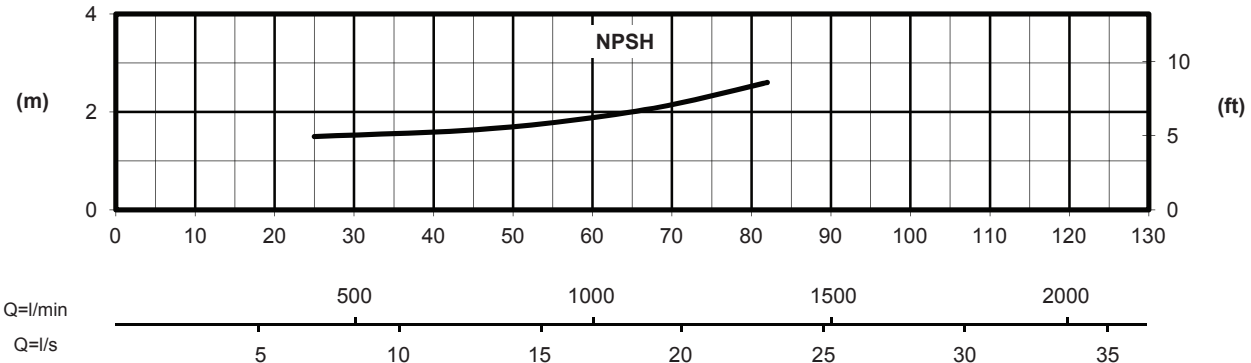
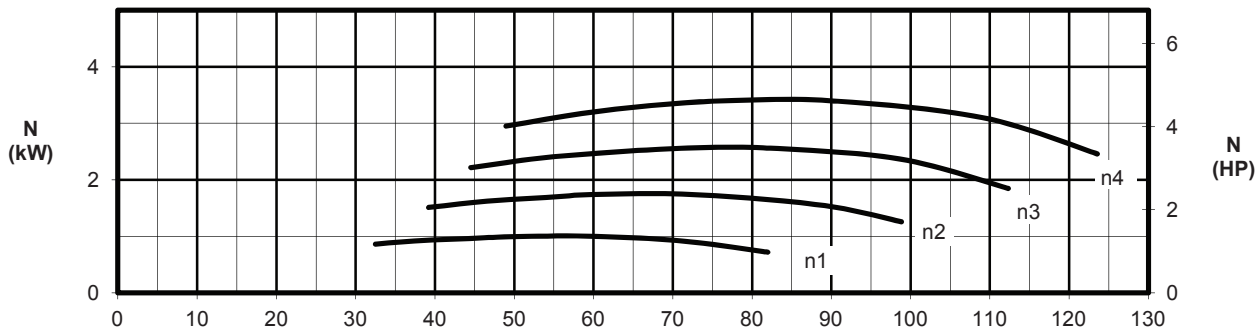
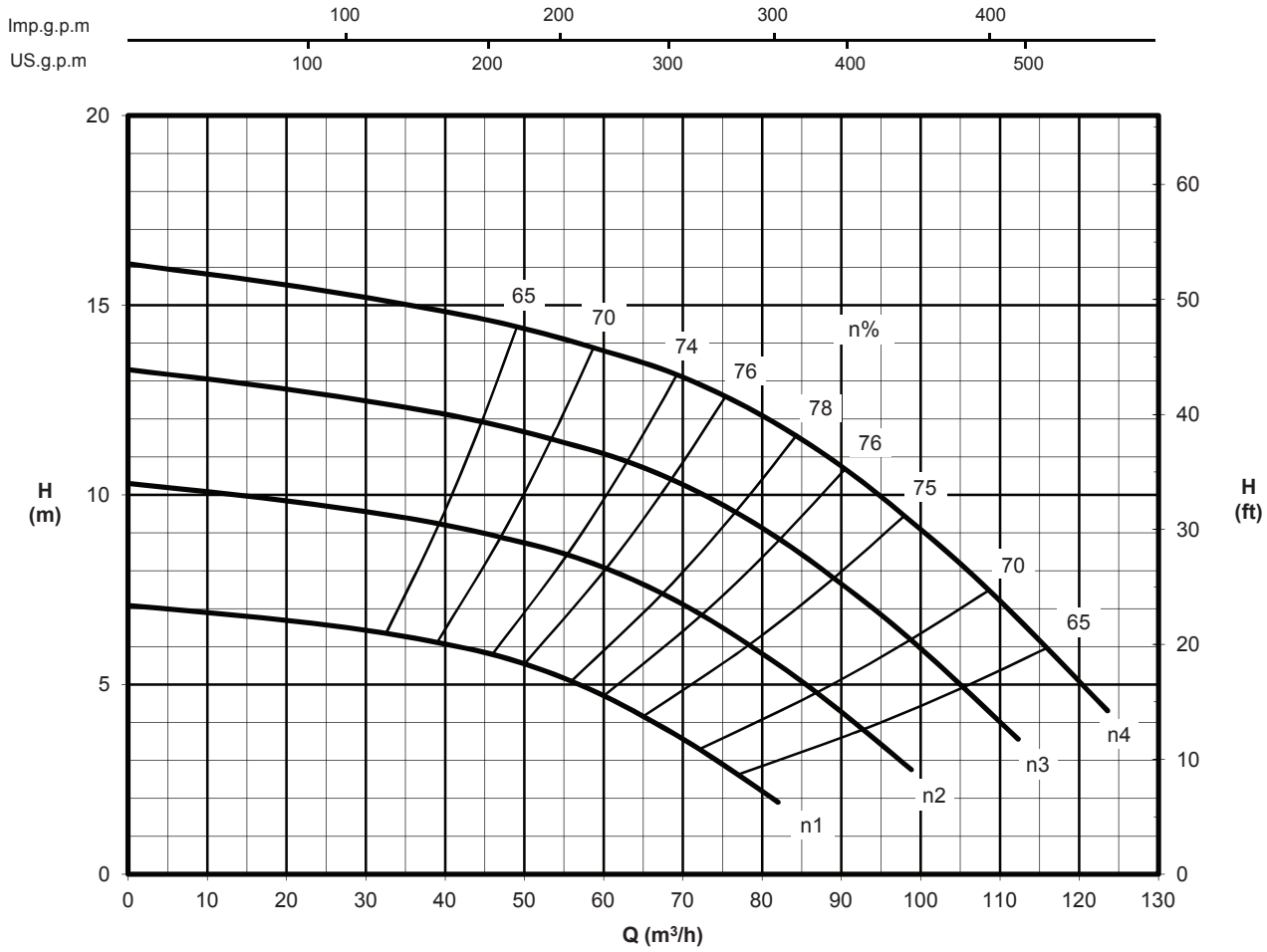
# A8SBV



Bowl diameter : 7" 1/2 Impeller type : semi-closed	Column losses are not included	Tolerances ISO 9906 grade 2
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Manufactured for


 by **ANAVALOS**  
 PUMPS

 Performances per stage: n4 = 2200 r.p.m  
 n3 = 2000 r.p.m  
 n2 = 1760 r.p.m  
 n1 = 1460 r.p.m  
**A8SCV**


Bowl diameter : 7" 1/2

Impeller type : semi-closed

Column losses are not included

Tolerances

ISO 9906 GRADE 2

Manufactured for

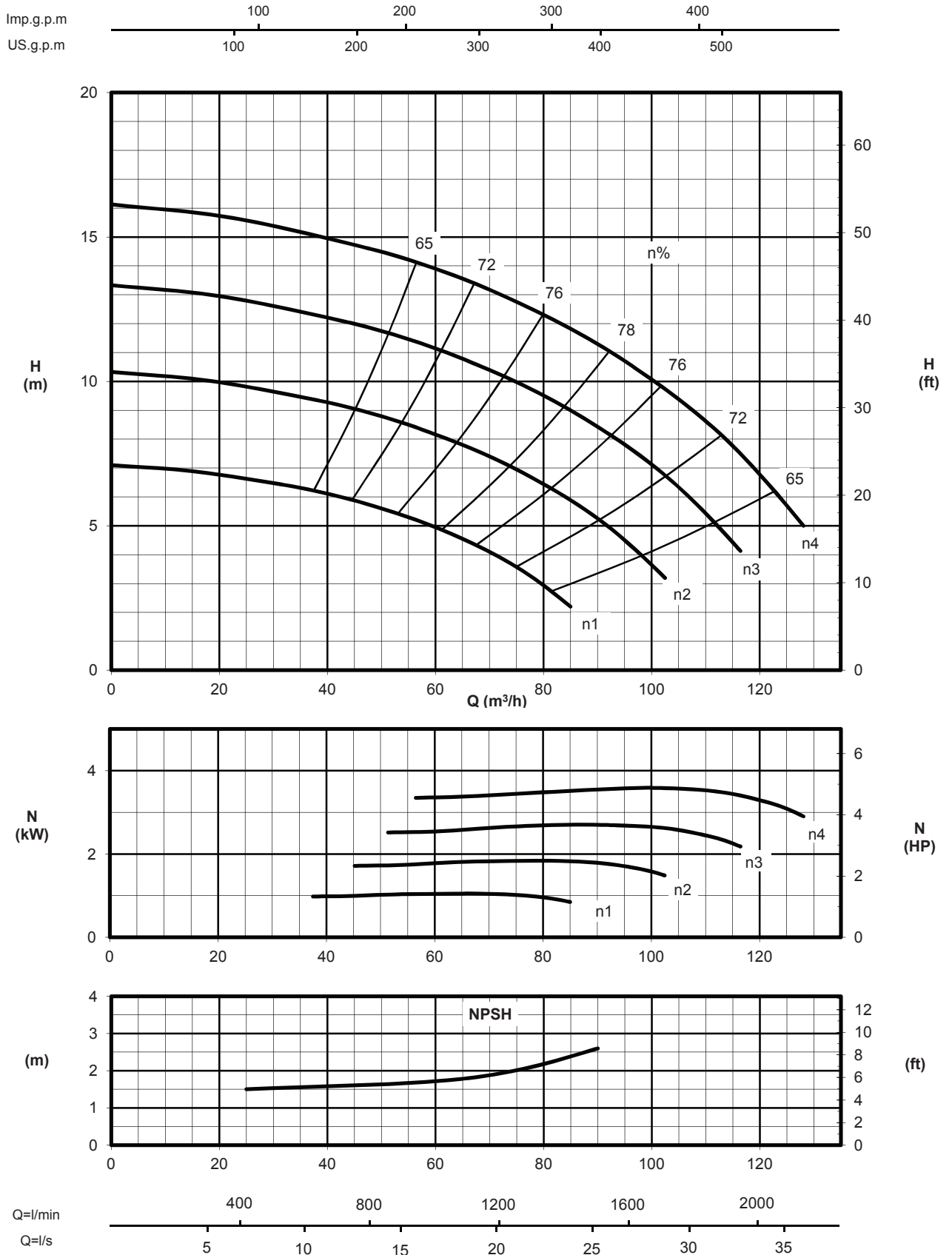


by



Performances per stage: n4 = 2200 r.p.m  
 n3 = 2000 r.p.m  
 n2 = 1760 r.p.m  
 n1 = 1460 r.p.m

# A8SDV

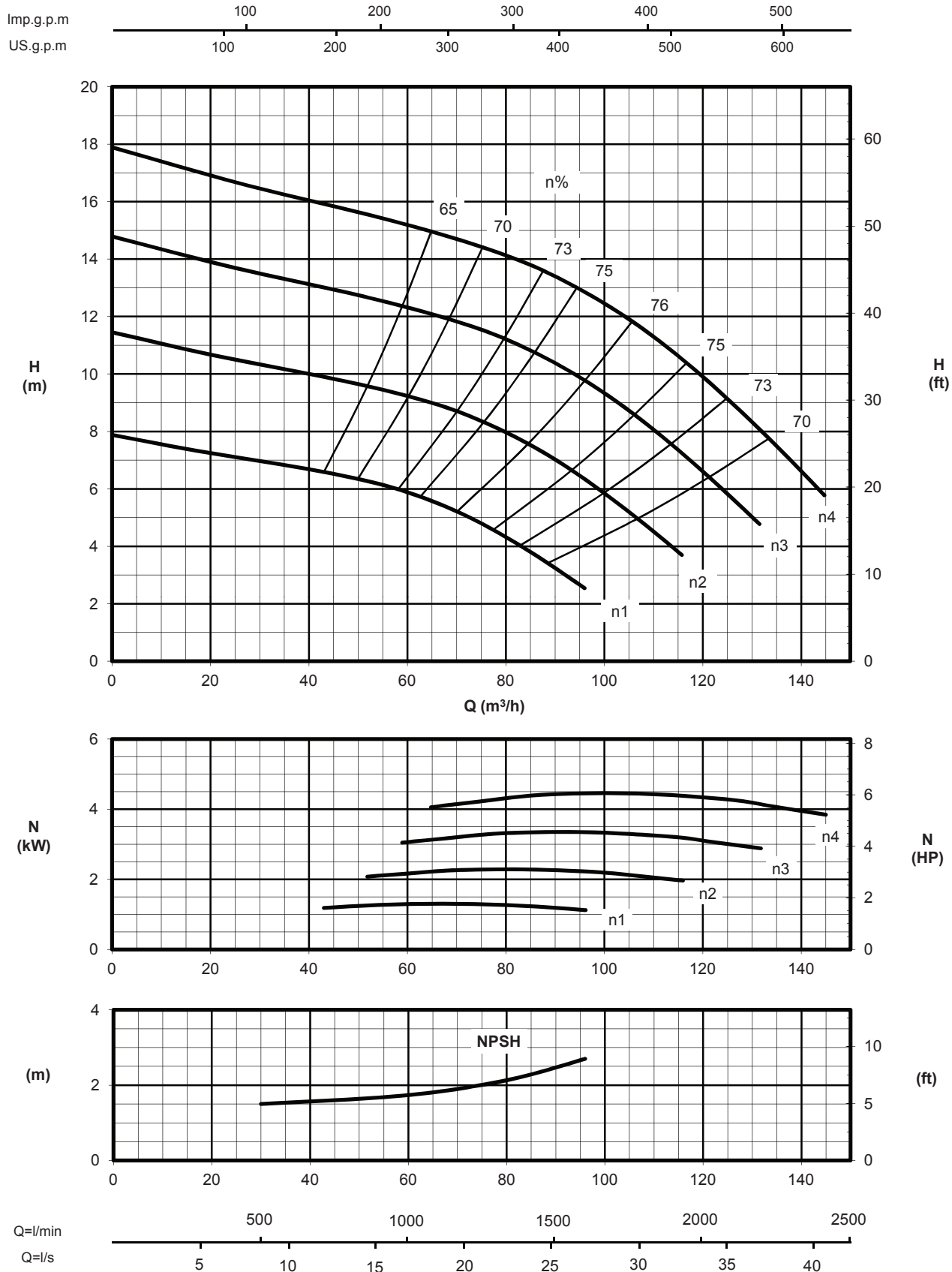


Bowl diameter : 7" 1/2 Impeller type : semi-closed	Column losses are not included	Tollerances ISO 9906 GRADE 2
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Manufactured for


 by **ANAVALOS**  
 PUMPS

 Performances per stage: n4 = 2200 r.p.m  
 n3 = 2000 r.p.m  
 n2 = 1760 r.p.m  
 n1 = 1460 r.p.m

**A8SDEV**


Bowl diameter : 192mm Impeller type : semi-closed	Column losses are not included	Tollerances ISO 9906 GRADE 2
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Manufactured for

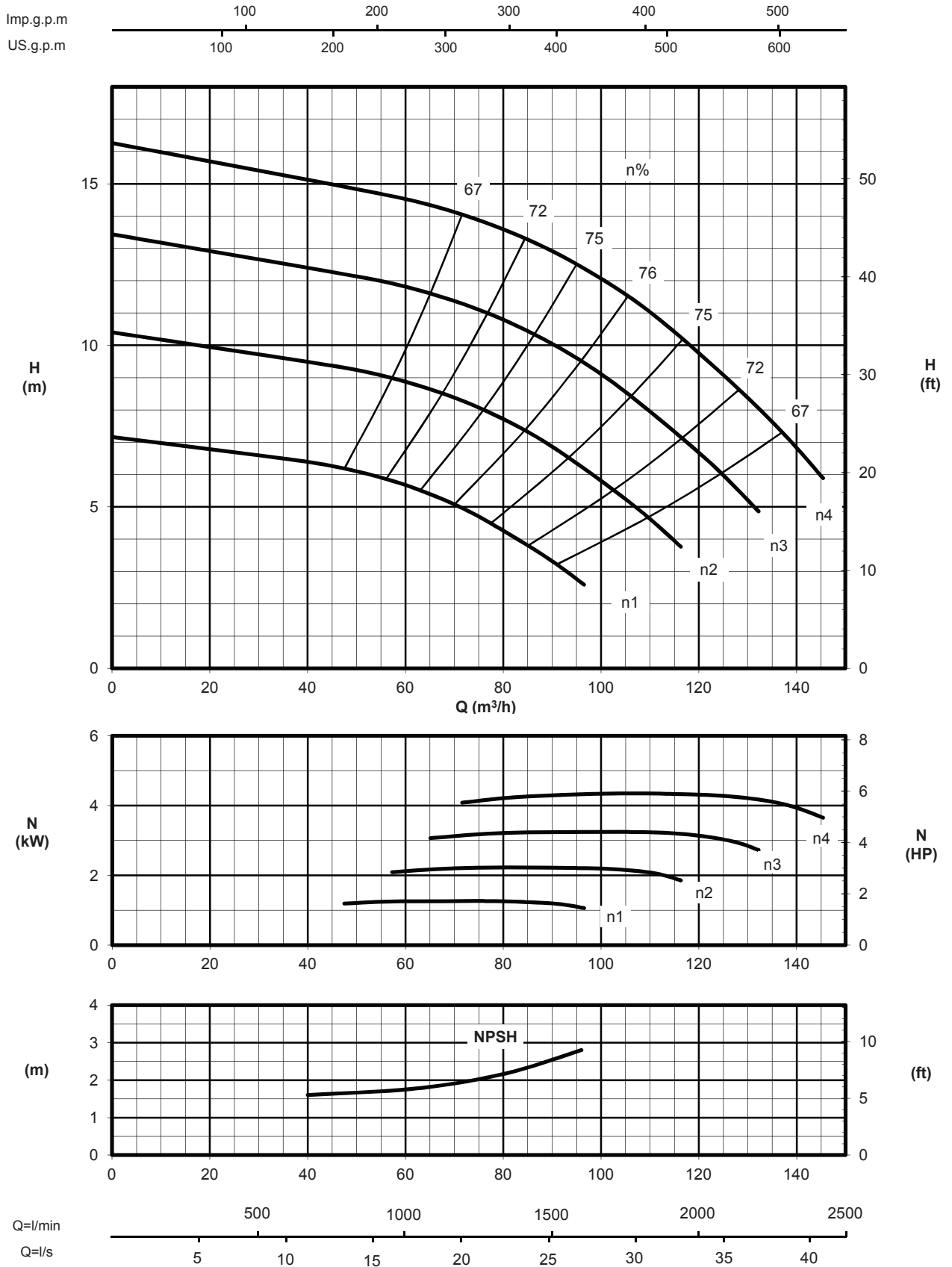


by



Performances per stage: n4 = 2200 r.p.m  
n3 = 2000 r.p.m  
n2 = 1760 r.p.m  
n1 = 1460 r.p.m

# A8SEV



<p><b>Bowl diameter : 192mm</b></p> <p><b>Impeller type : semi-closed</b></p>	<p><b>Column losses are not included</b></p>	<p><b>Tollerances</b></p> <p><b>ISO 9906 GRADE 2</b></p>
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Manufactured for



by

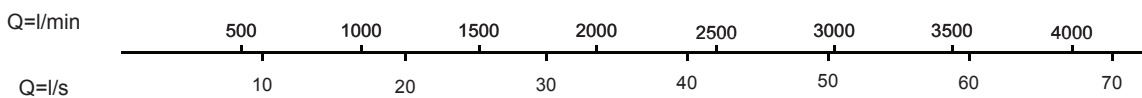
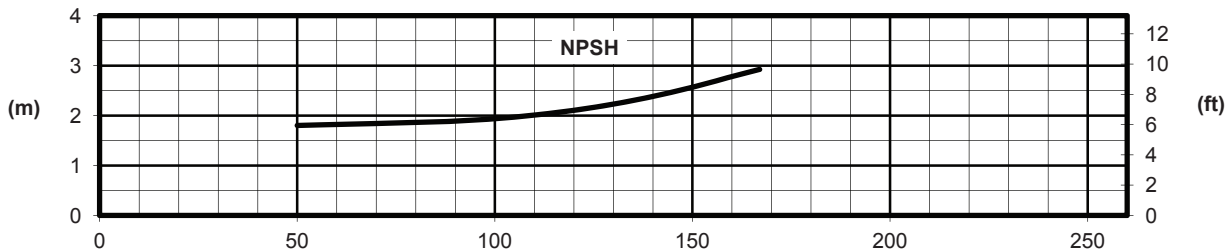
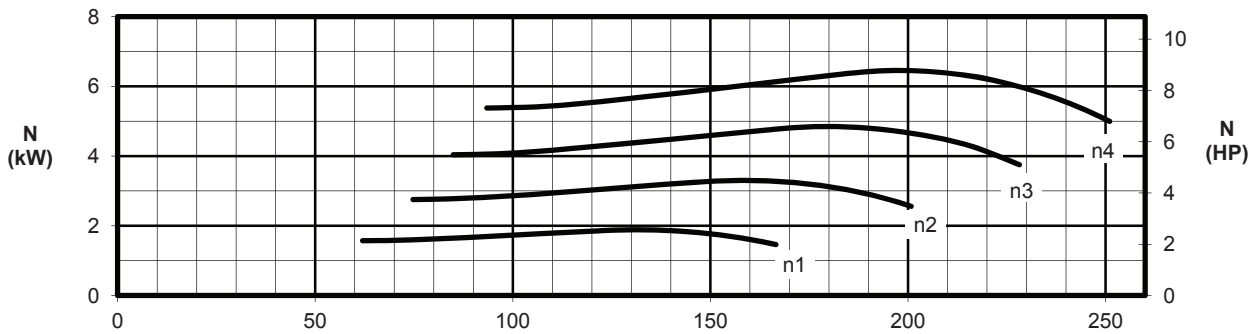
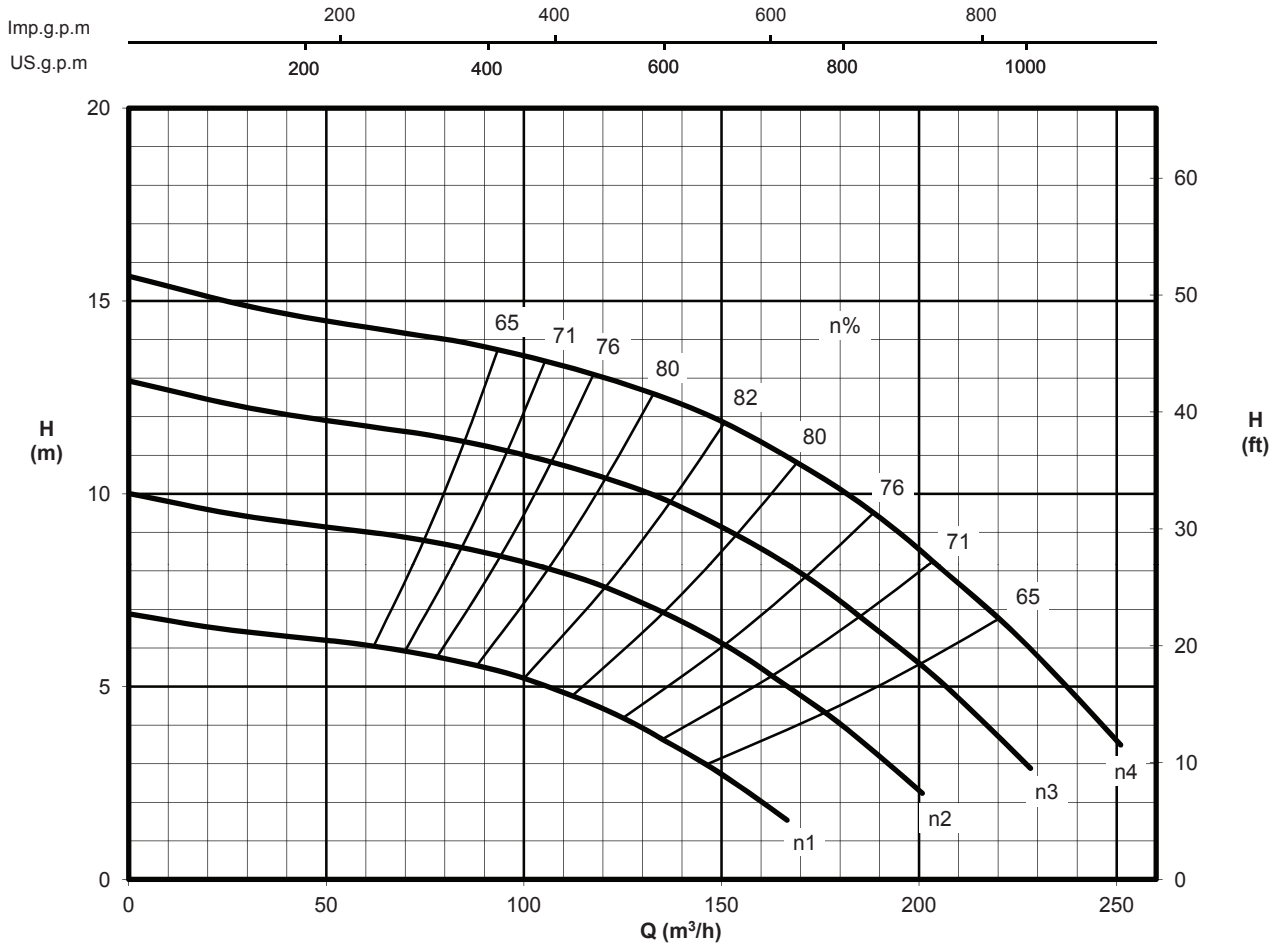


Performances per stage: n4 = 2200 r.p.m

n3 = 2000 r.p.m

n2 = 1760 r.p.m

n1 = 1460 r.p.m

**A8SLBV**


Bowl diameter : 192 mm

Impeller type : semi-closed

Column losses are not included

Tolerances

ISO 9906 GRADE 2

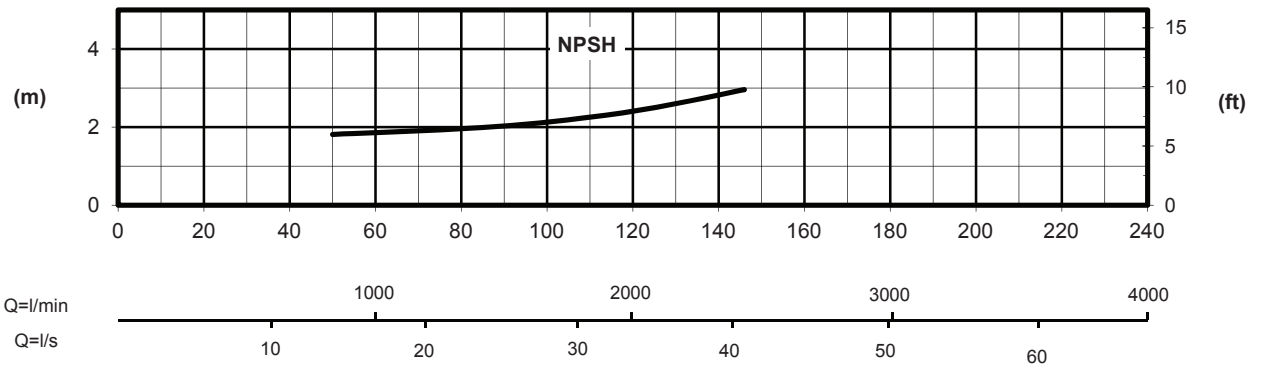
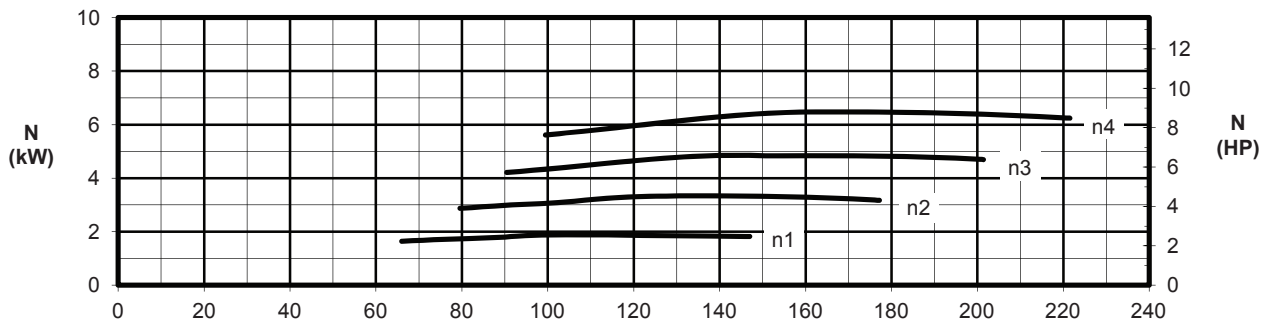
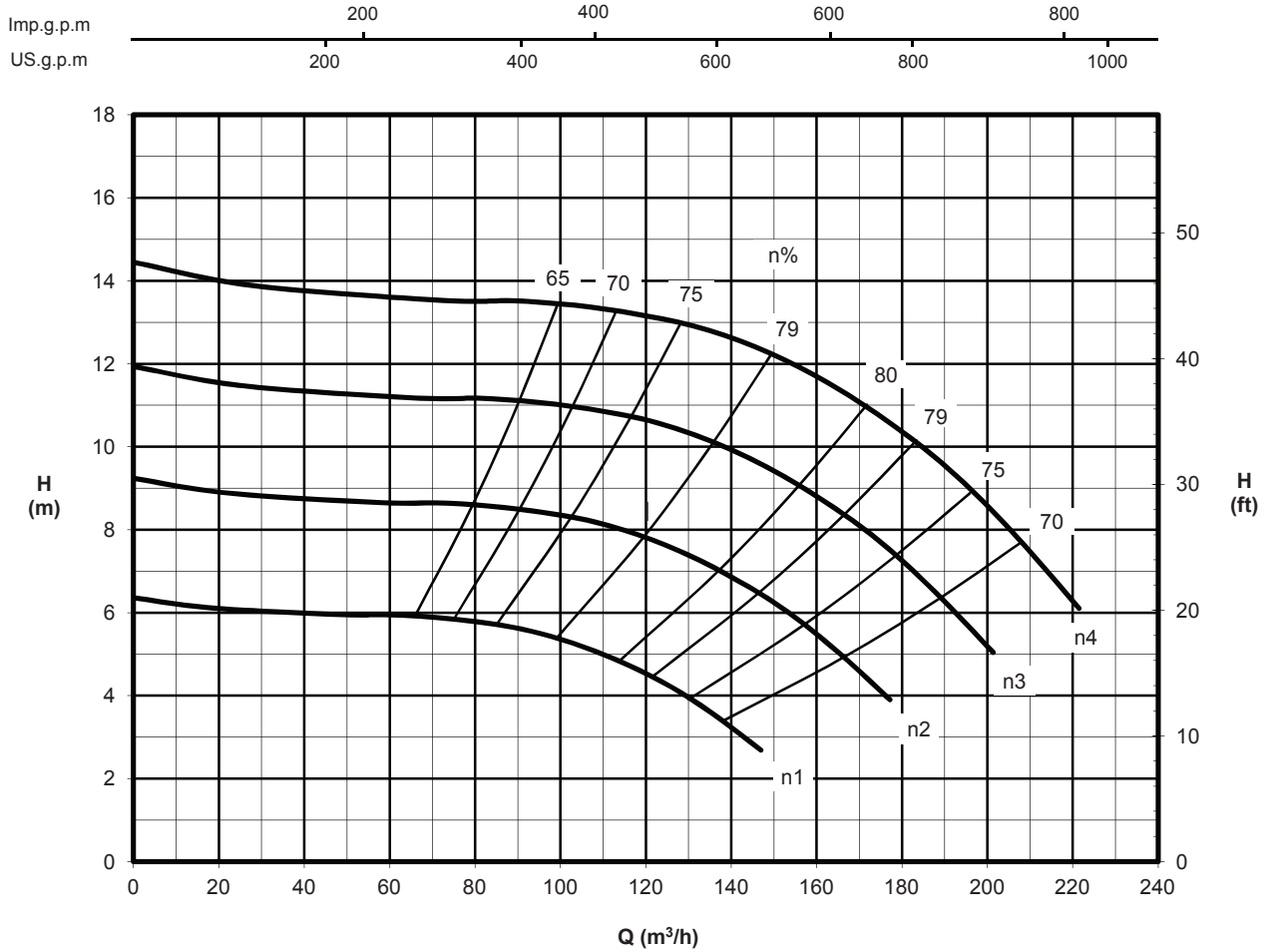
Manufactured for



by **ANAVALOS PUMPS**

Performances per stage: n4 = 2200 r.p.m  
n3 = 2000 r.p.m  
n2 = 1760 r.p.m  
n1 = 1460 r.p.m

# A8SLCV



Bowl diameter : 7" 5/8 Impeller type : semi-closed	Column losses are not included	Tolerances ISO 9906 grade 2
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Manufactured for



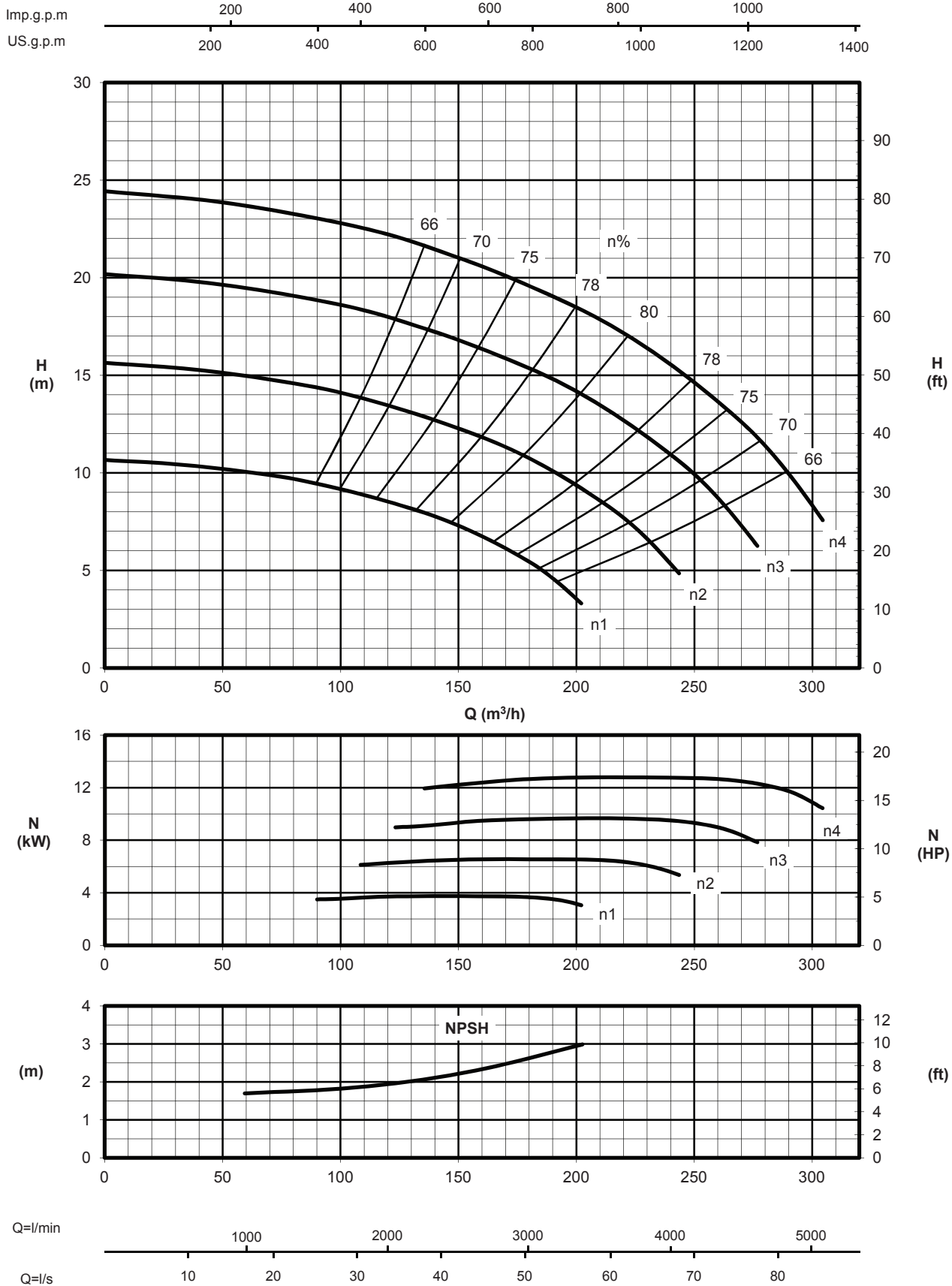
**Archimedes**  
 Pump

by


**ANAVALOS**  
 PUMPS

Performances per stage:

 n4 = 2200 r.p.m  
 n3 = 2000 r.p.m  
 n2 = 1760 r.p.m  
 n1 = 1460 r.p.m

**A10SAV**


Bowl diameter : 9" 1/2

Impeller type : semi-closed

Column losses are not included

Tolerances

ISO 9906 GRADE 2

Manufactured for



by



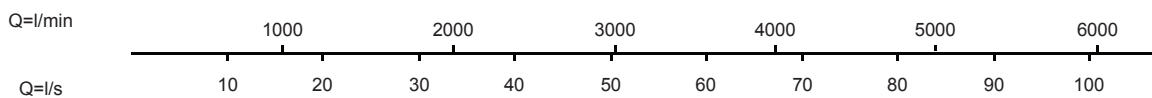
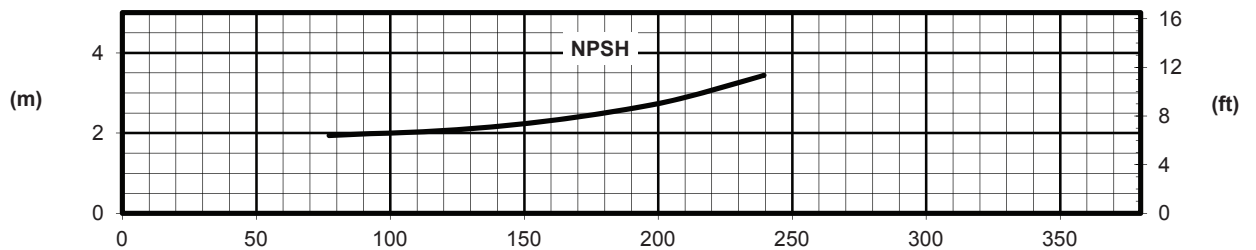
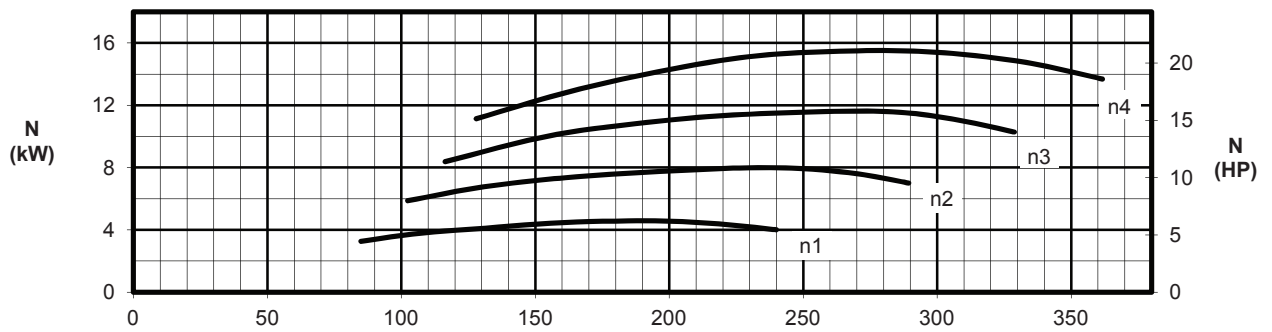
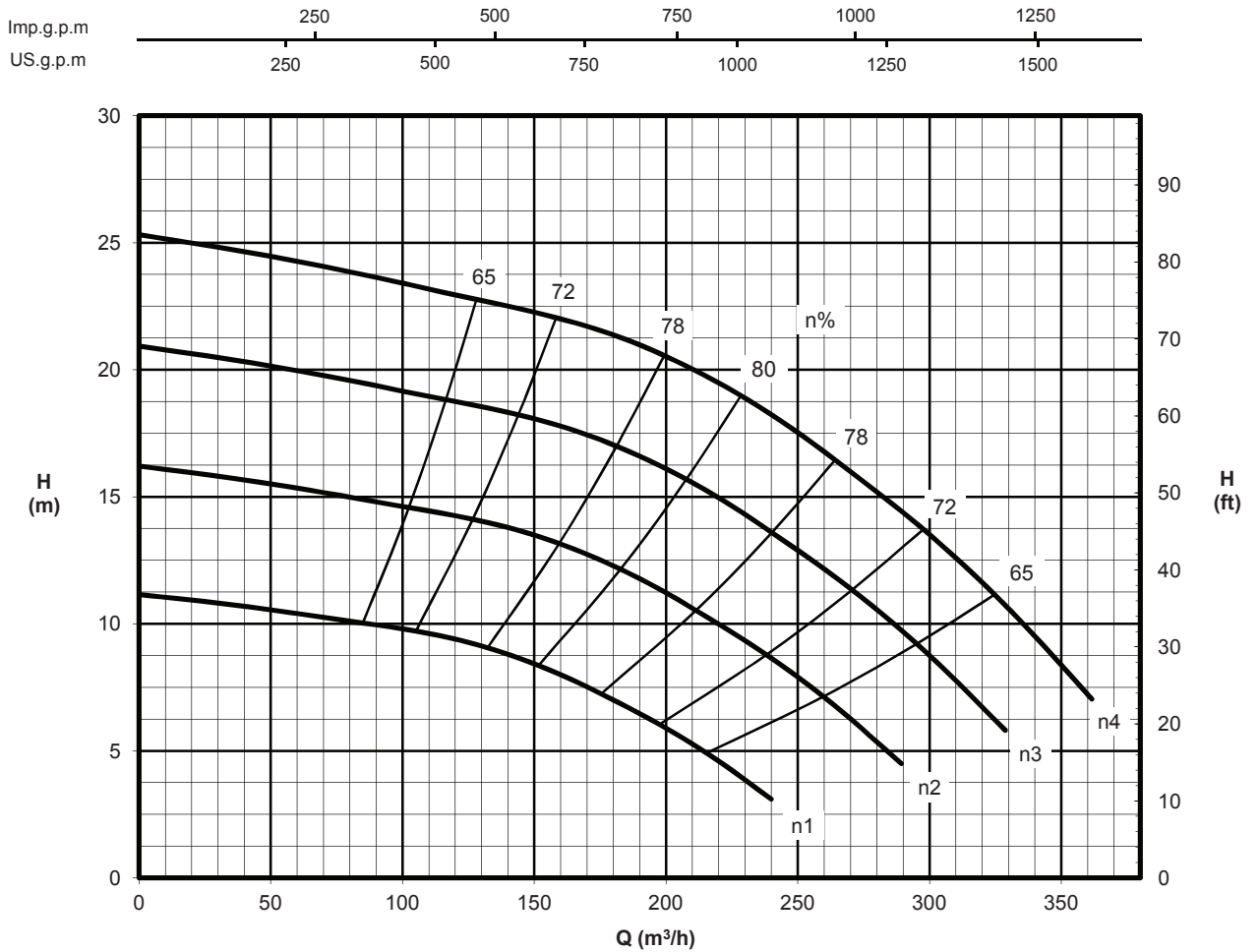
Performances per stage: n4 = 2200 r.p.m

n3 = 2000 r.p.m

n2 = 1760 r.p.m

n1 = 1460 r.p.m

# A10SBV



Bowl diameter : 242mm 9" 3/8 Impeller type : semi-closed	Column losses are not included	Tolerances ISO 9906 GRADE 2
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Manufactured for

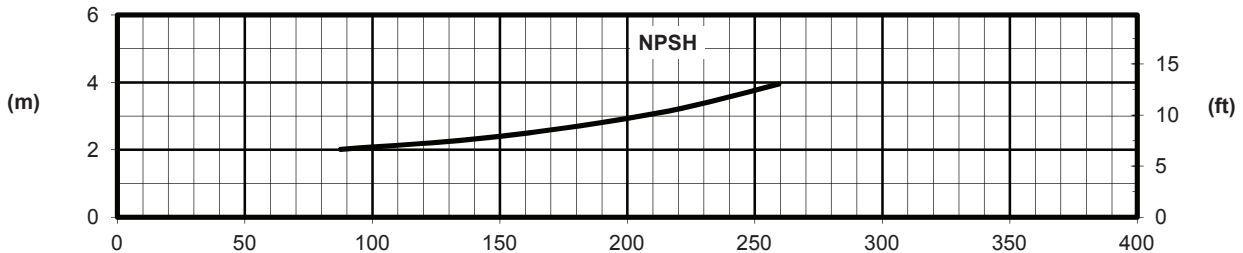
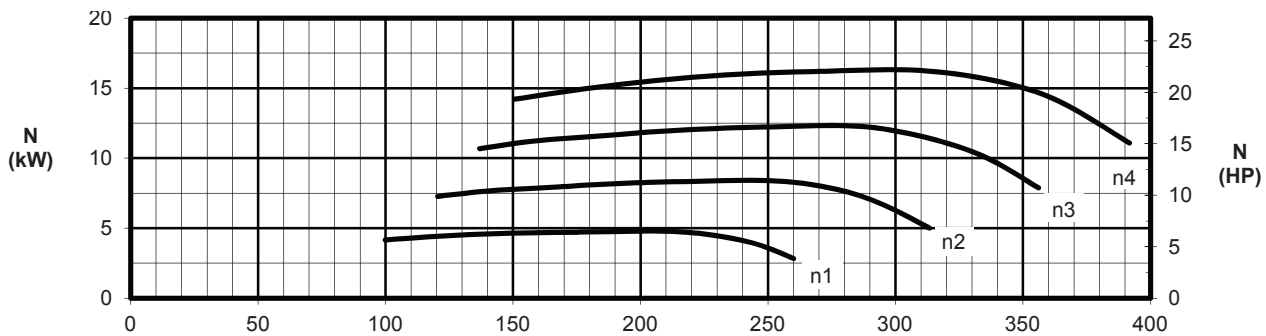
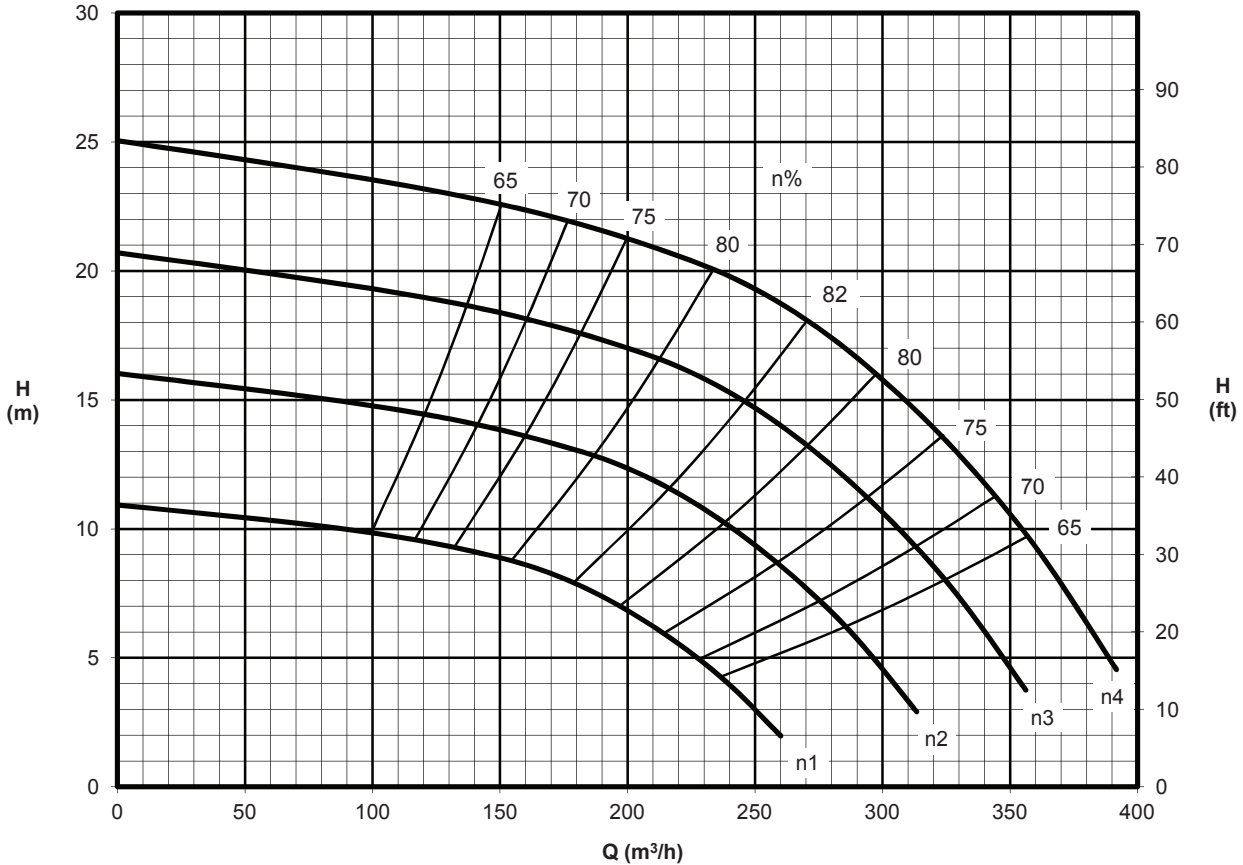
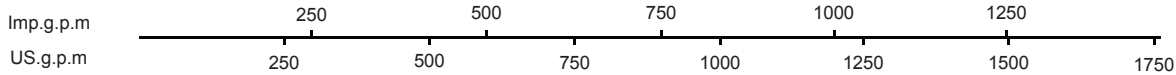

 by **ANAVALOS**  
 PUMPS

Performances per stage: n4 = 2200 r.p.m

n3 = 2000 r.p.m

n2 = 1760 r.p.m

n1 = 1460 r.p.m

**A10SCV**


Bowl diameter : 242mm 9" 3/8 Impeller type : semi-closed	Column losses are not included	Tolerances ISO 9906 GRADE 2
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Manufactured for



by



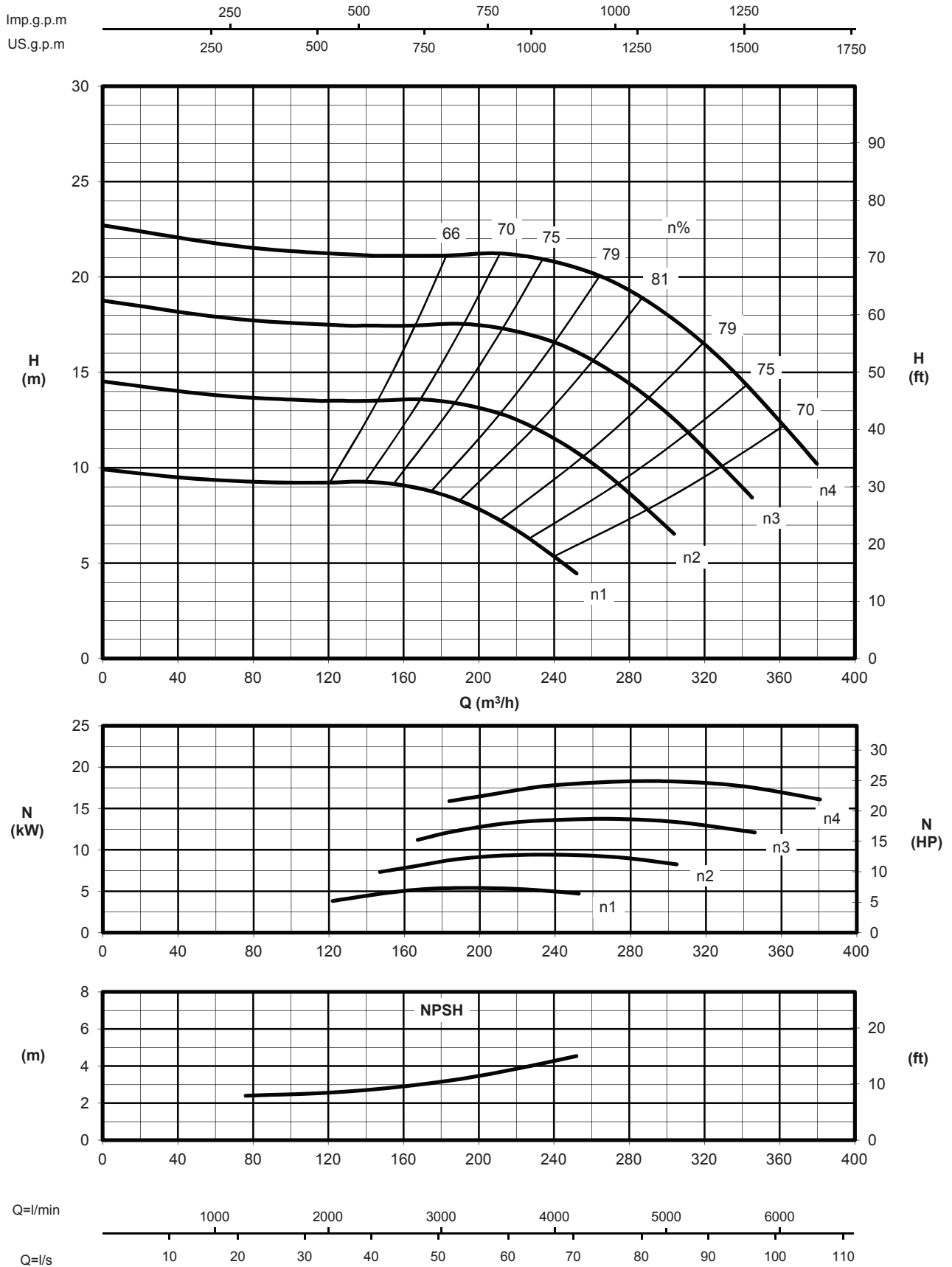
Performances per stage: n4 = 2200 r.p.m

n3 = 2000 r.p.m

n2 = 1760 r.p.m

n1 = 1460 r.p.m

# A10SDV



<p><b>Bowl diameter : 9" 1/2</b></p> <p><b>Impeller type : semi-closed</b></p>	<p><b>Column losses are not included</b></p>	<p><b>Tolerances</b></p> <p><b>ISO 9906 GRADE 2</b></p>
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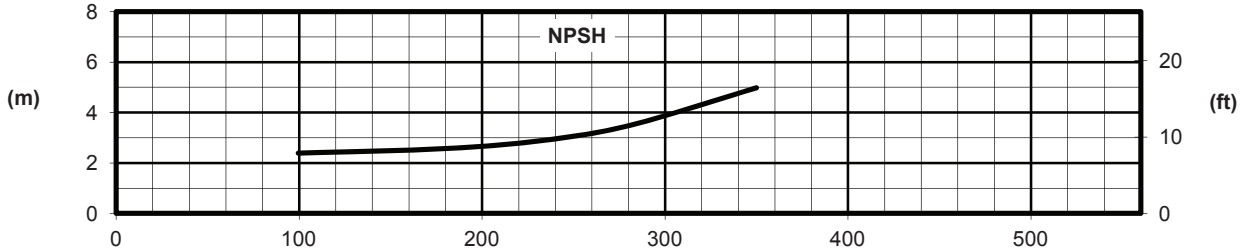
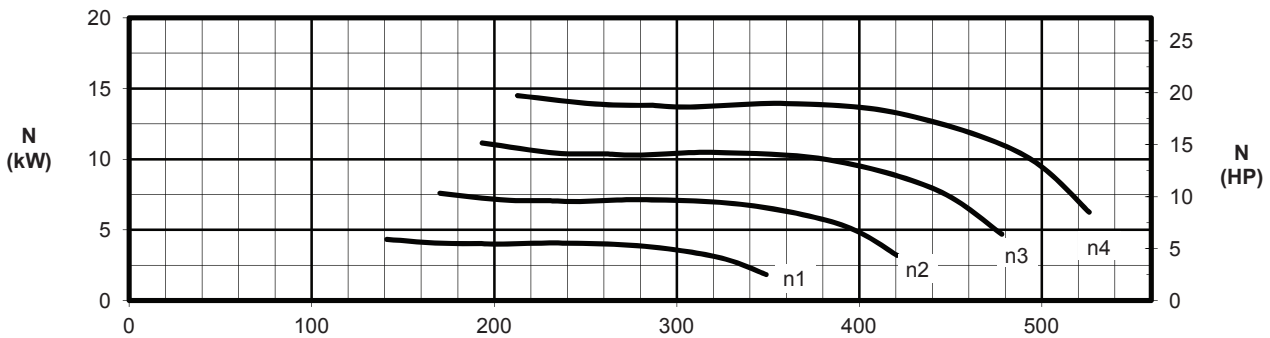
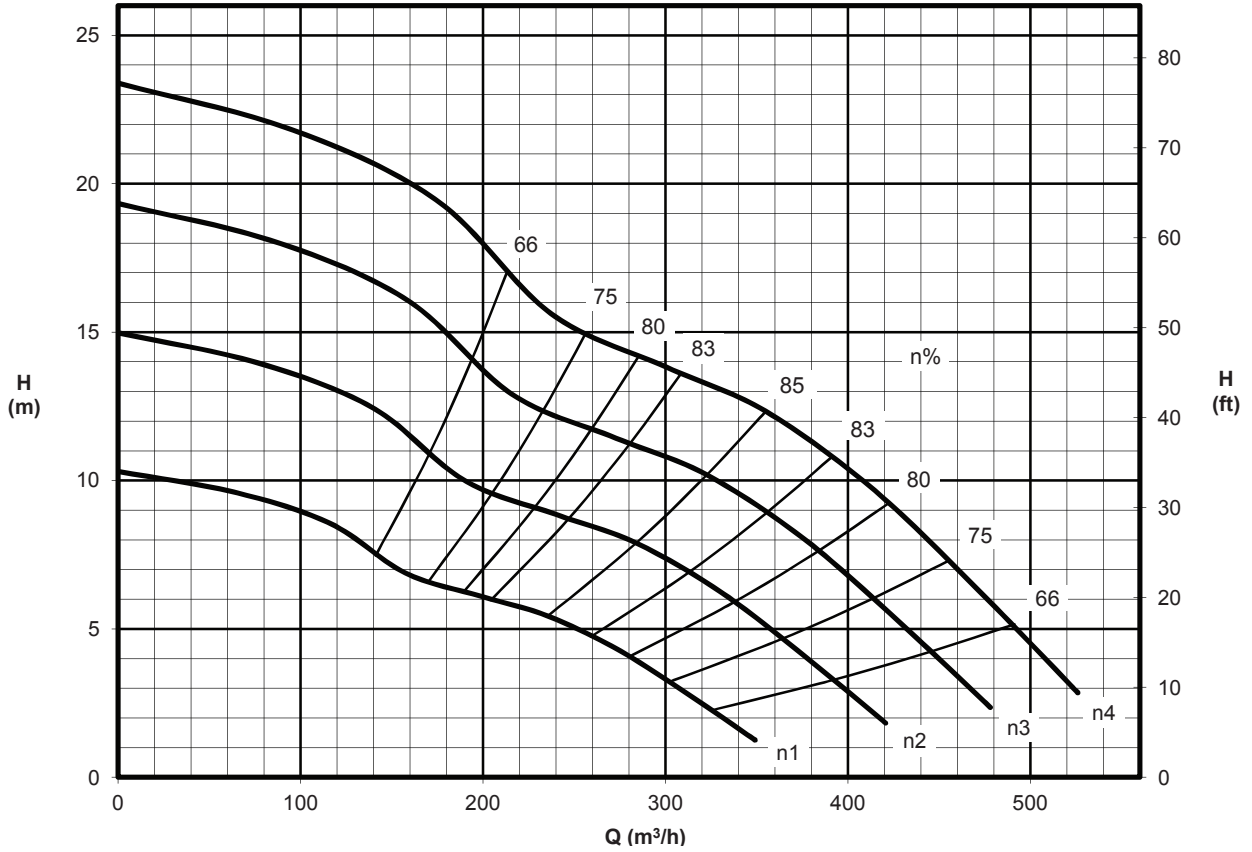
Manufactured for


 by **ANAVALOS**  
 PUMPS

 Performances per stage: n4 = 2200 r.p.m  
 n3 = 2000 r.p.m  
 n2 = 1760 r.p.m  
 n1 = 1460 r.p.m

# A10CLAV

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

 500 1000 1500 2000  
 500 1000 1500 2000


Q=l/min

2000 4000 6000 8000

Q=l/s

25 50 75 100 125 150

Bowl diameter : 9" 5/8

Impeller type : semi-closed

Column losses are not included

Tolerances

ISO 9906 GRADE 2

Manufactured for



by

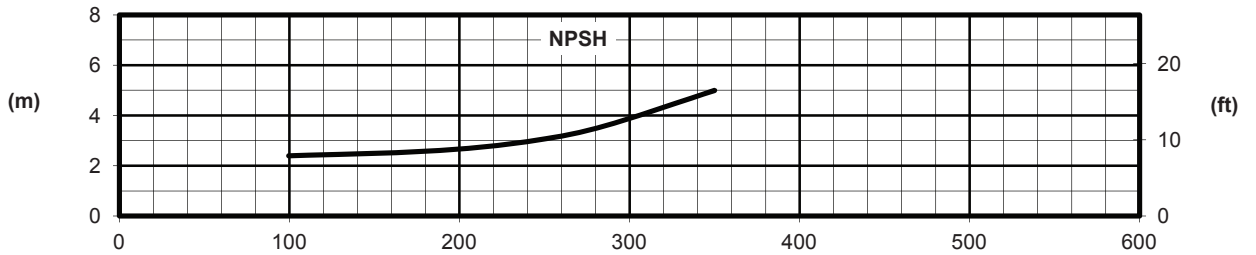
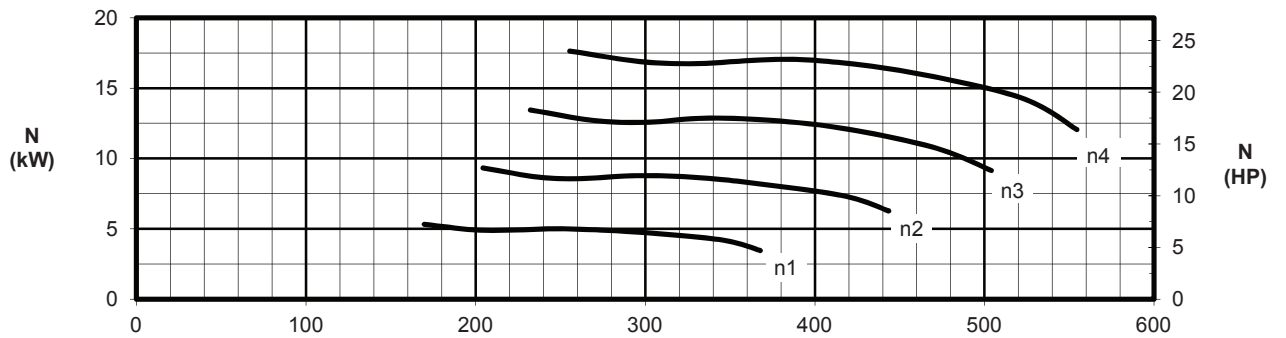
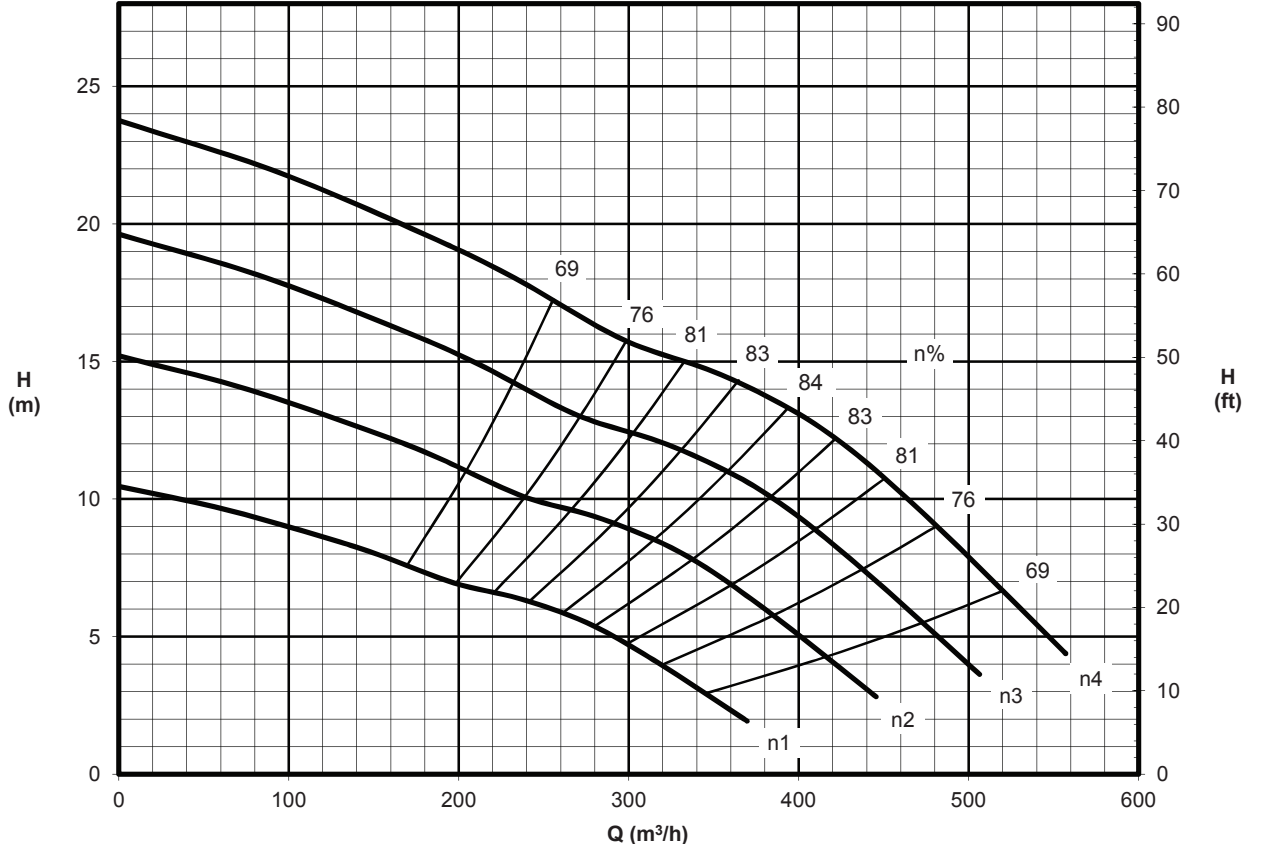


# A10CLBV

Performances per stage: n4 = 2200 r.p.m  
 n3 = 2000 r.p.m  
 n2 = 1760 r.p.m  
 n1 = 1460 r.p.m

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

500 1000 1500 2000  
 500 1000 1500 2000



Q=l/min

2000 4000 6000 8000

Q=l/s

25 50 75 100 125 150

Bowl diameter : 9" 5/8

Impeller type : semi-closed

Column losses are not included

Tolerances

ISO 9906 GRADE 2

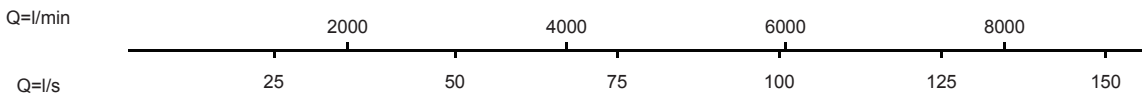
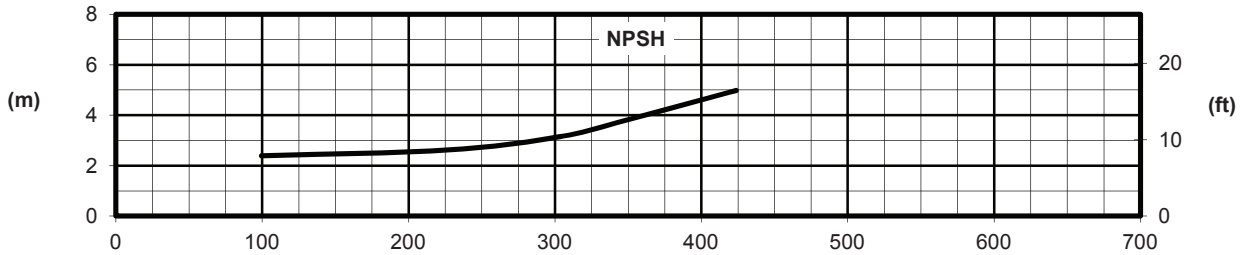
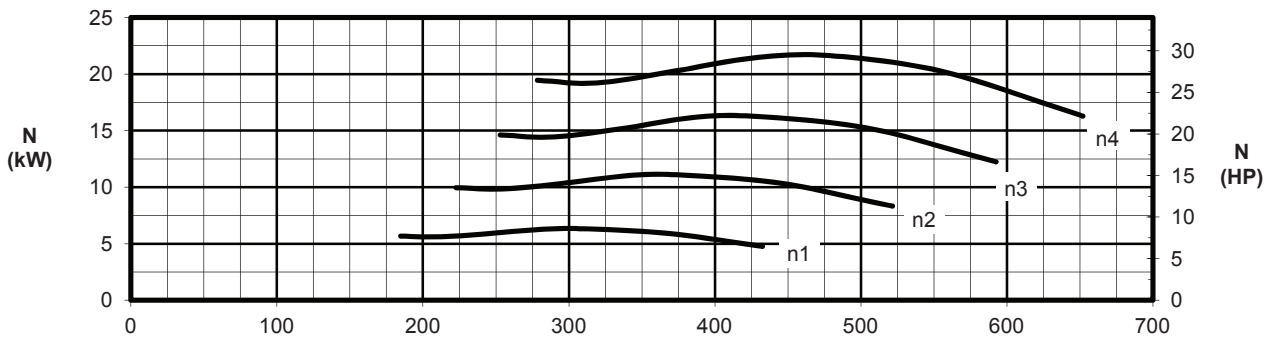
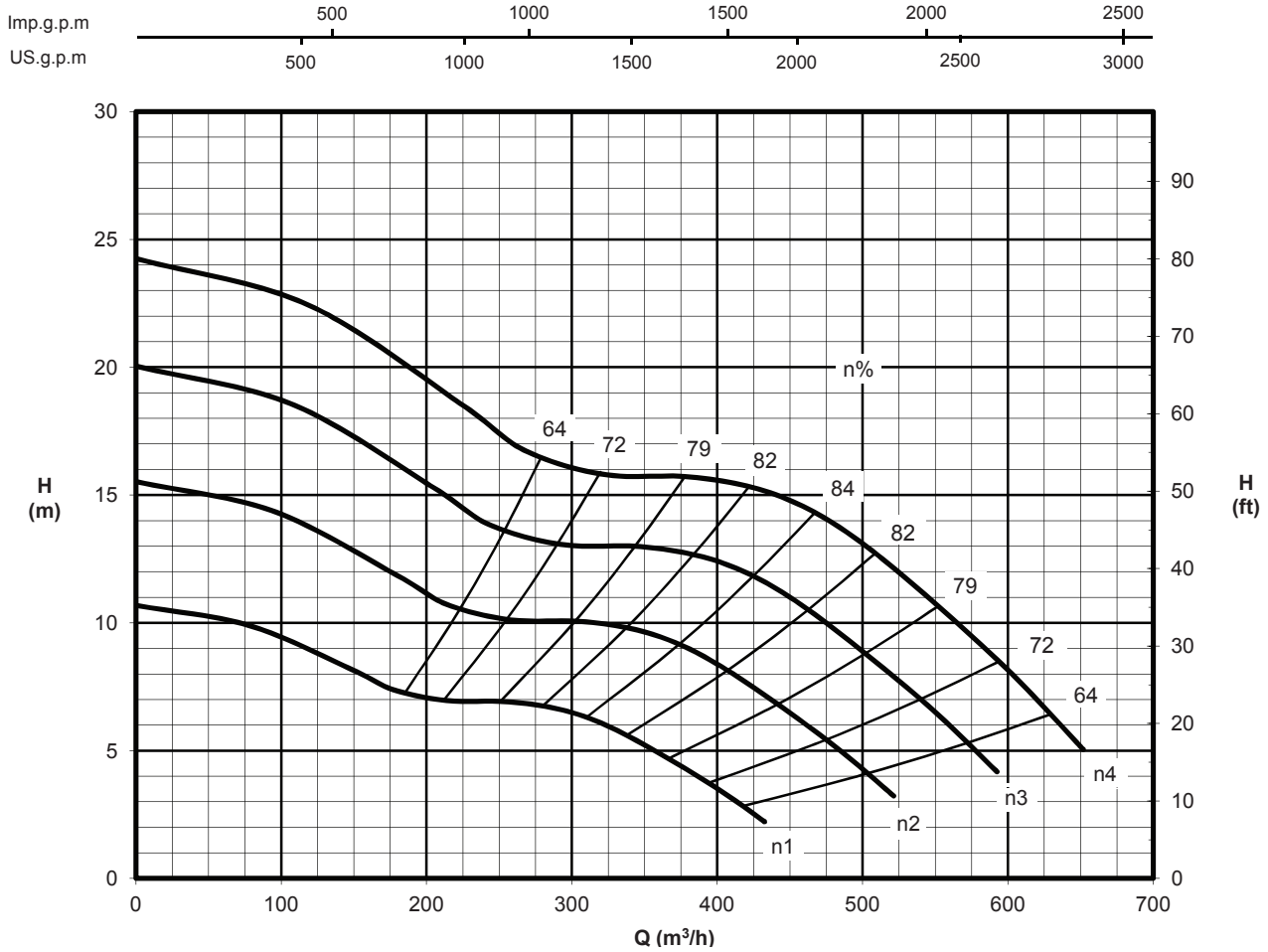
Manufactured for



**Archimedes**  
 Pump

 by 
**ANAVALOS**  
 PUMPS

 Performances per stage: n4 = 2200 r.p.m  
 n3 = 2000 r.p.m  
 n2 = 1760 r.p.m  
 n1 = 1460 r.p.m

**A10CLDV**


Bowl diameter : 9" 5/8 Impeller type : closed	Column losses are not included	Tolerances ISO 9906 GRADE 2
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Manufactured for

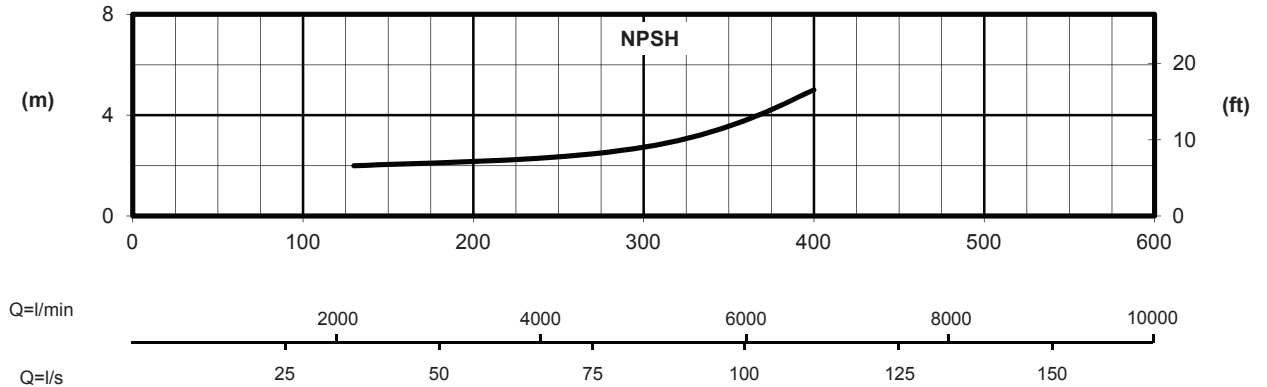
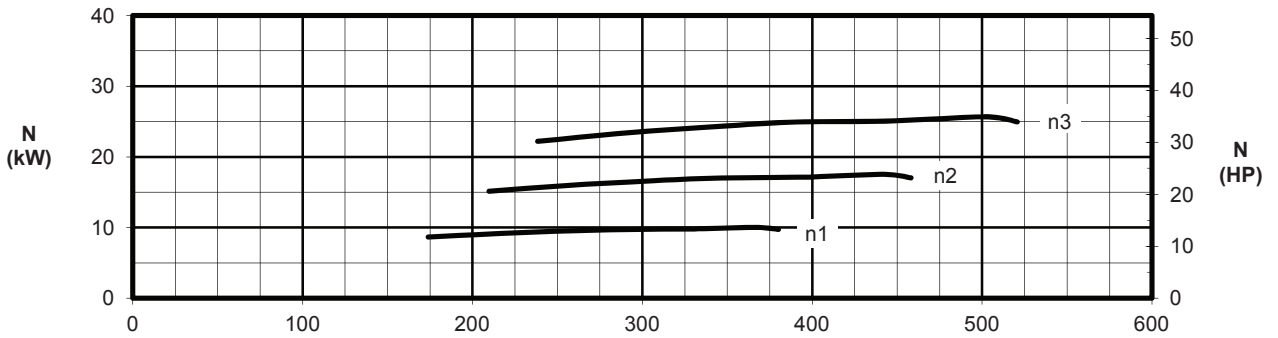
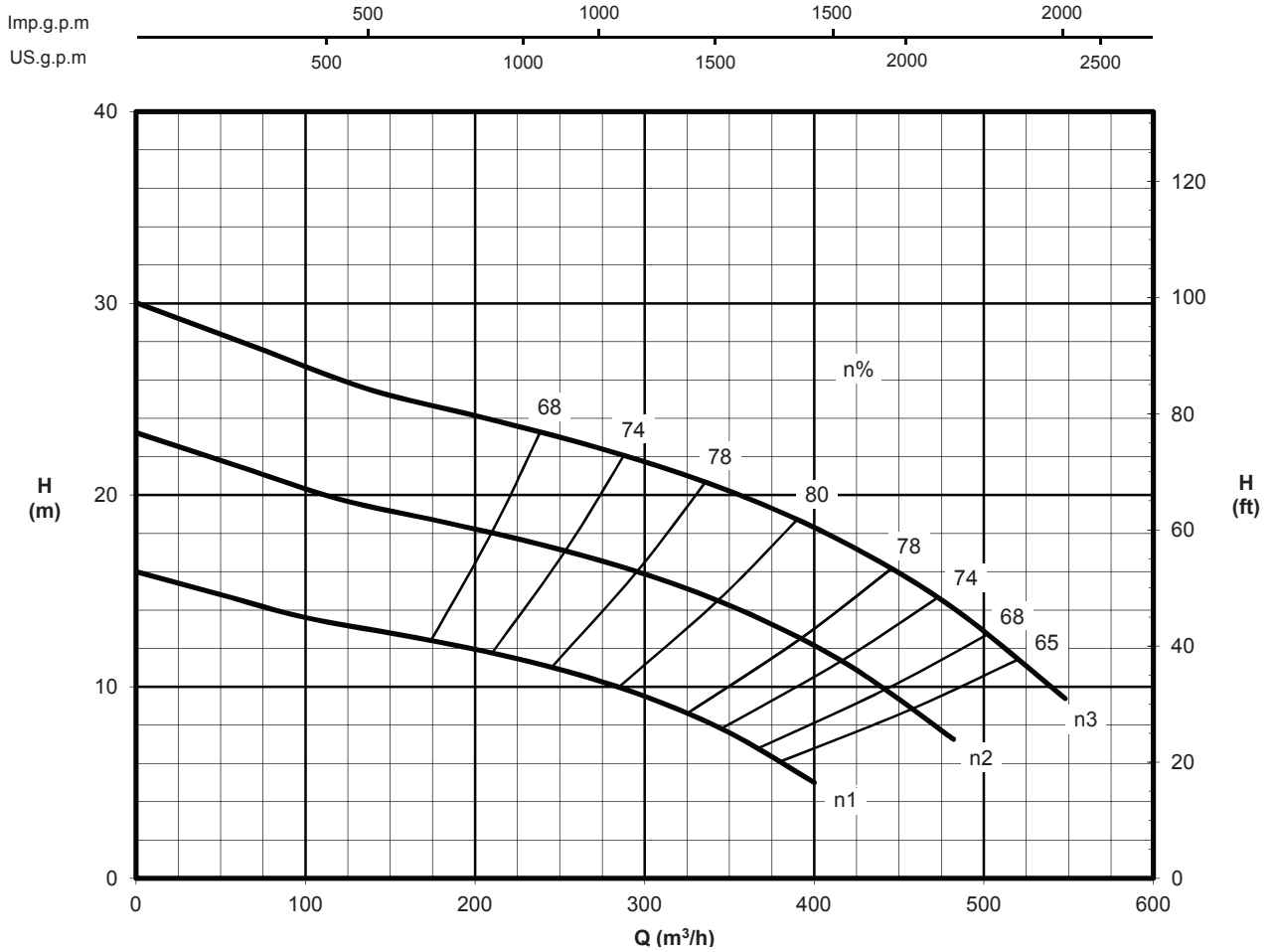


by



Performances per stage: n3 = 2000 r.p.m  
n2 = 1760 r.p.m  
n1 = 1460 r.p.m

# A12 CBV



Bowl diameter : 11" 7/16 Impeller type : closed	Column losses are not included	Tolerances ISO 9906 GRADE 2
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Manufactured for

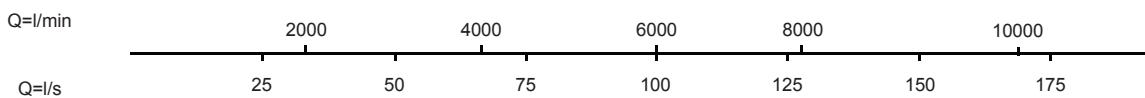
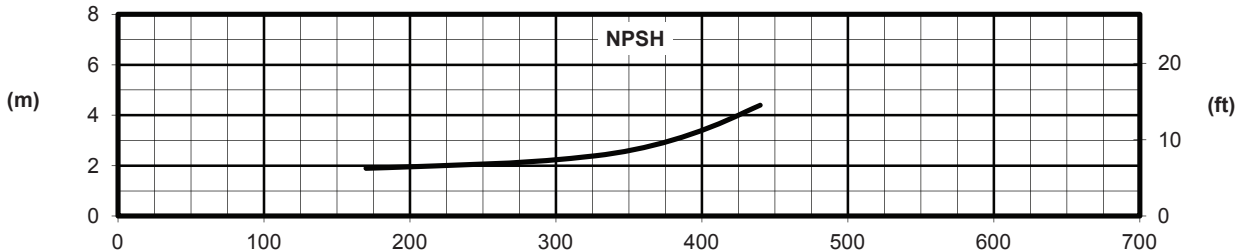
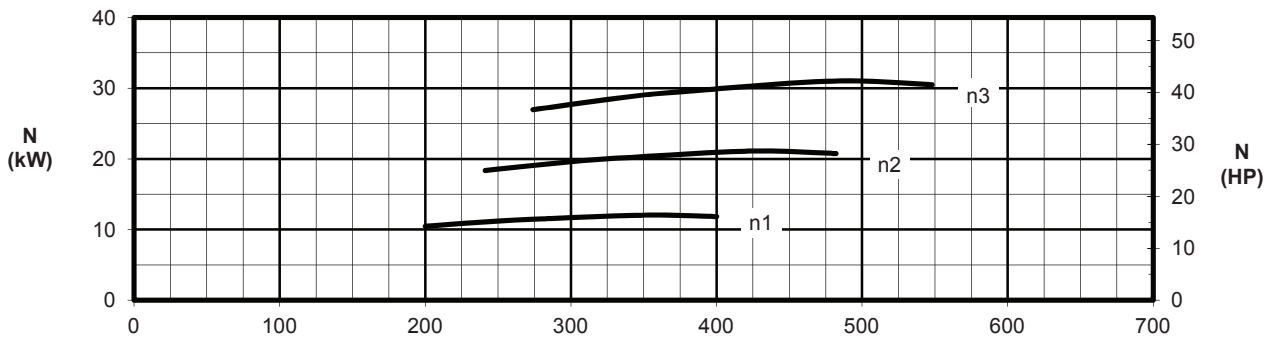
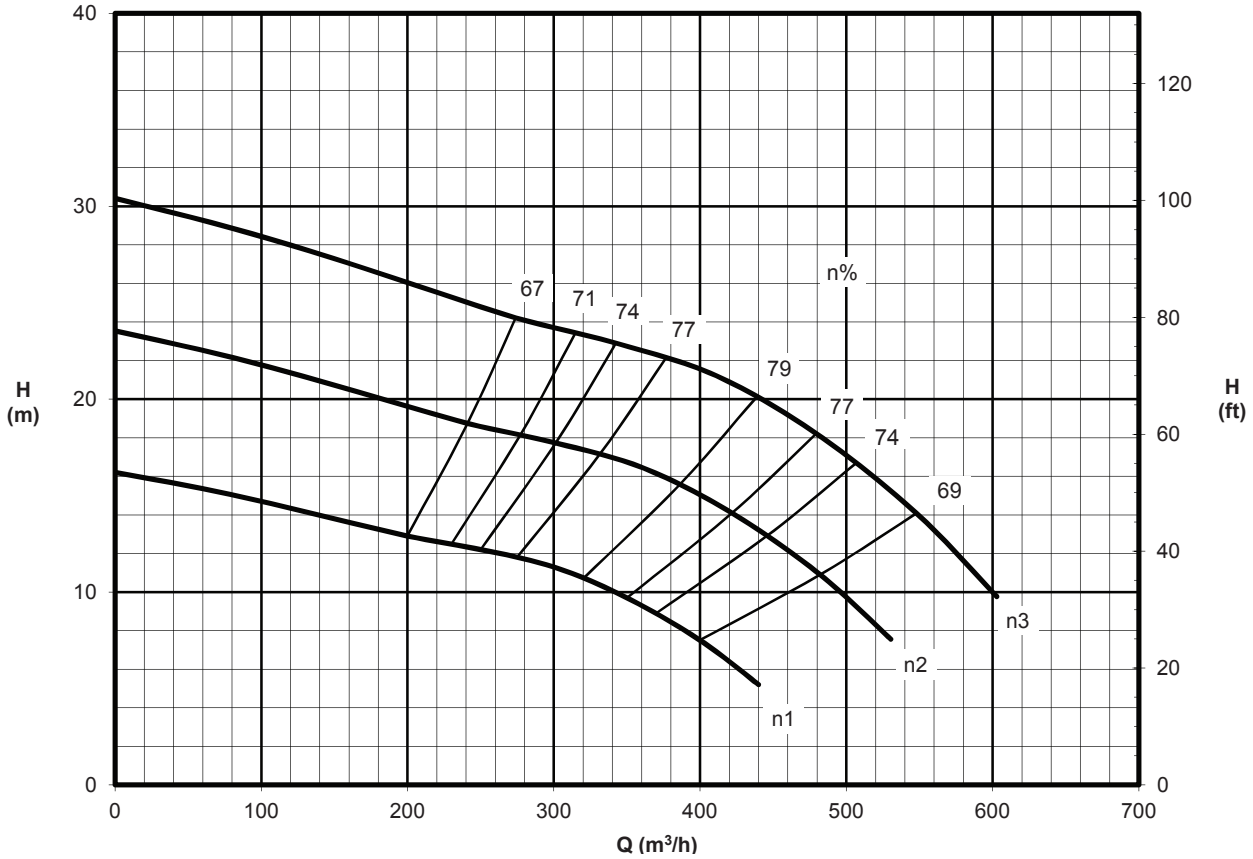
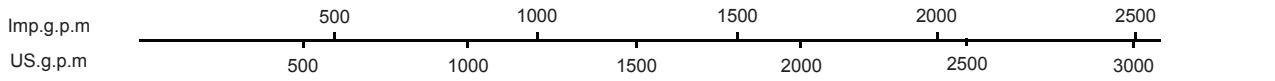


**Archimedes**  
 Pump

by


**ANAVALOS**  
 PUMPS

 Performances per stage: n3 = 2000 r.p.m  
 n2 = 1760 r.p.m  
 n1 = 1460 r.p.m

**A12 SBV**

**Bowl diameter : 11" 7/16**
**Impeller type : semi-closed**
**Column losses are not included**
**Tolerances**
**ISO 9906 GRADE 2**

