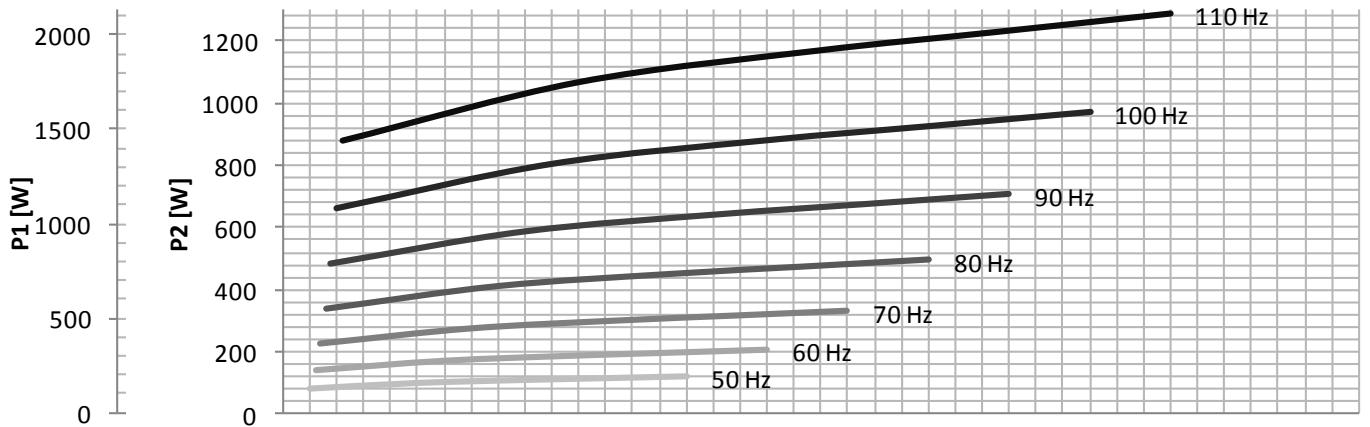
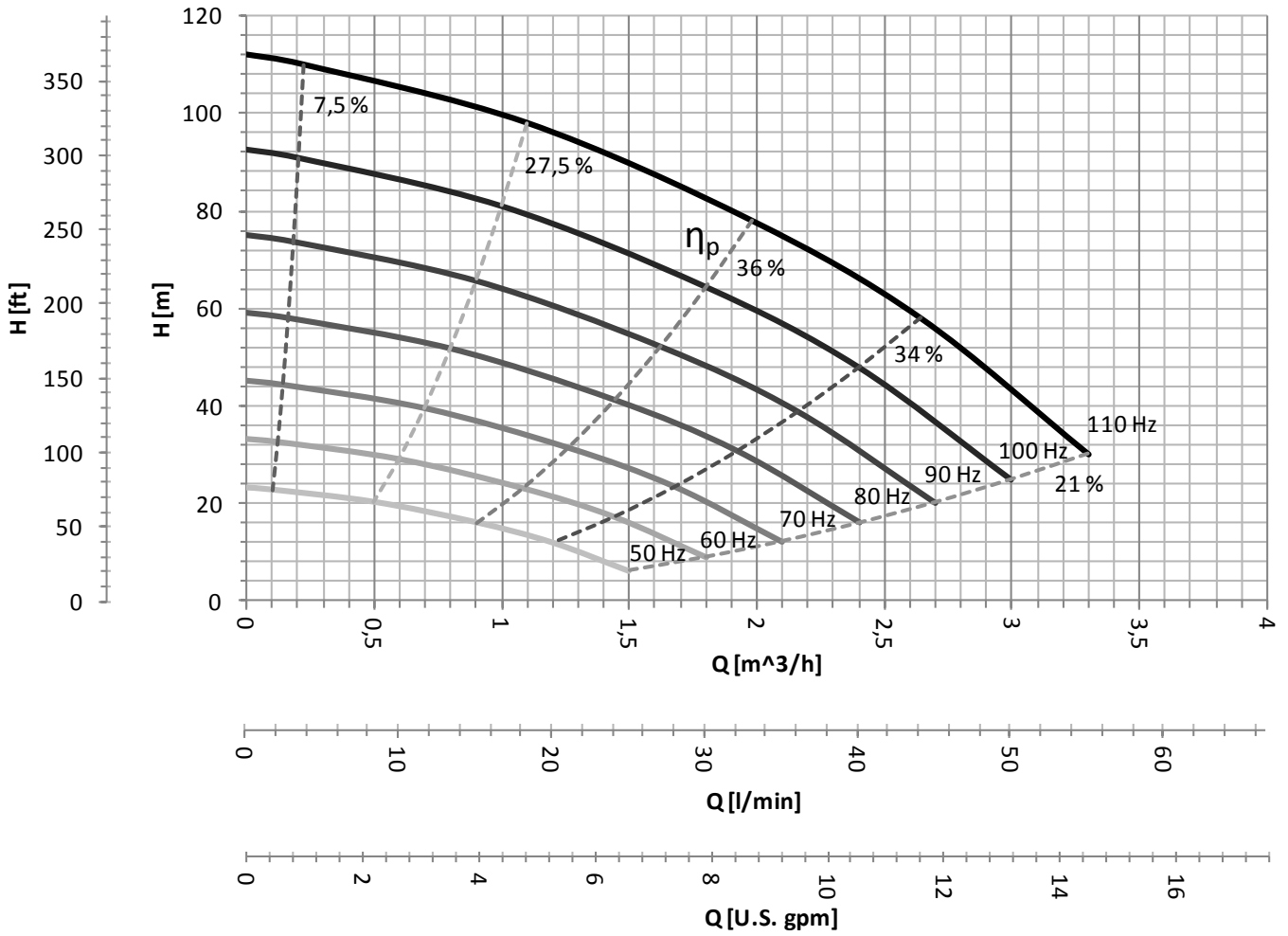
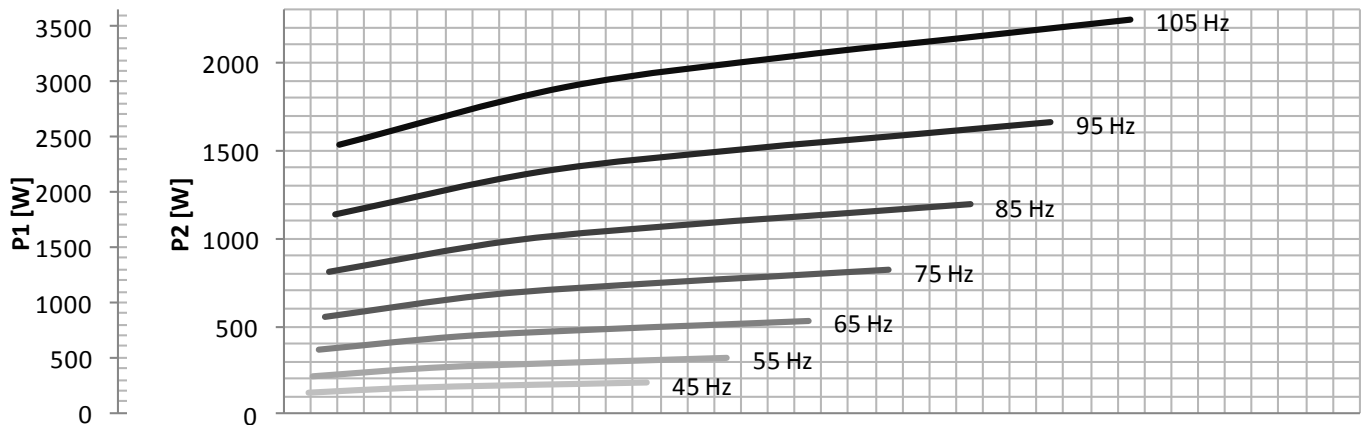
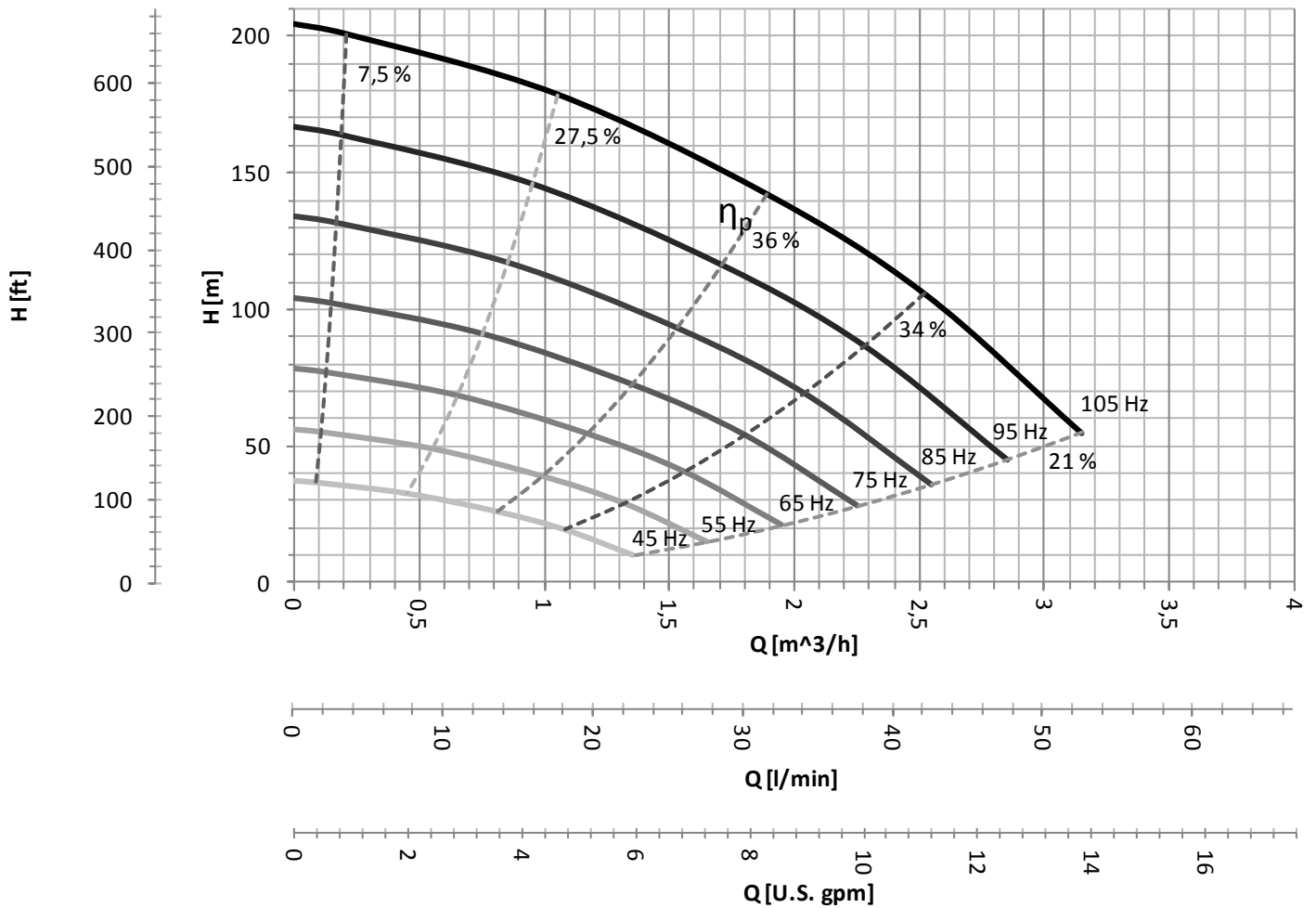


# Performance : 4TCH 02/04



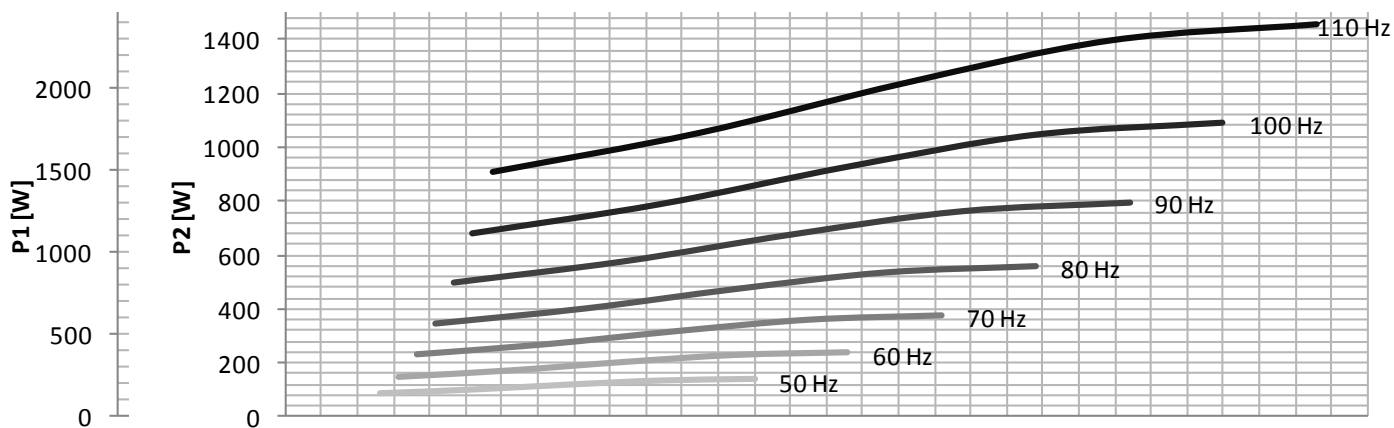
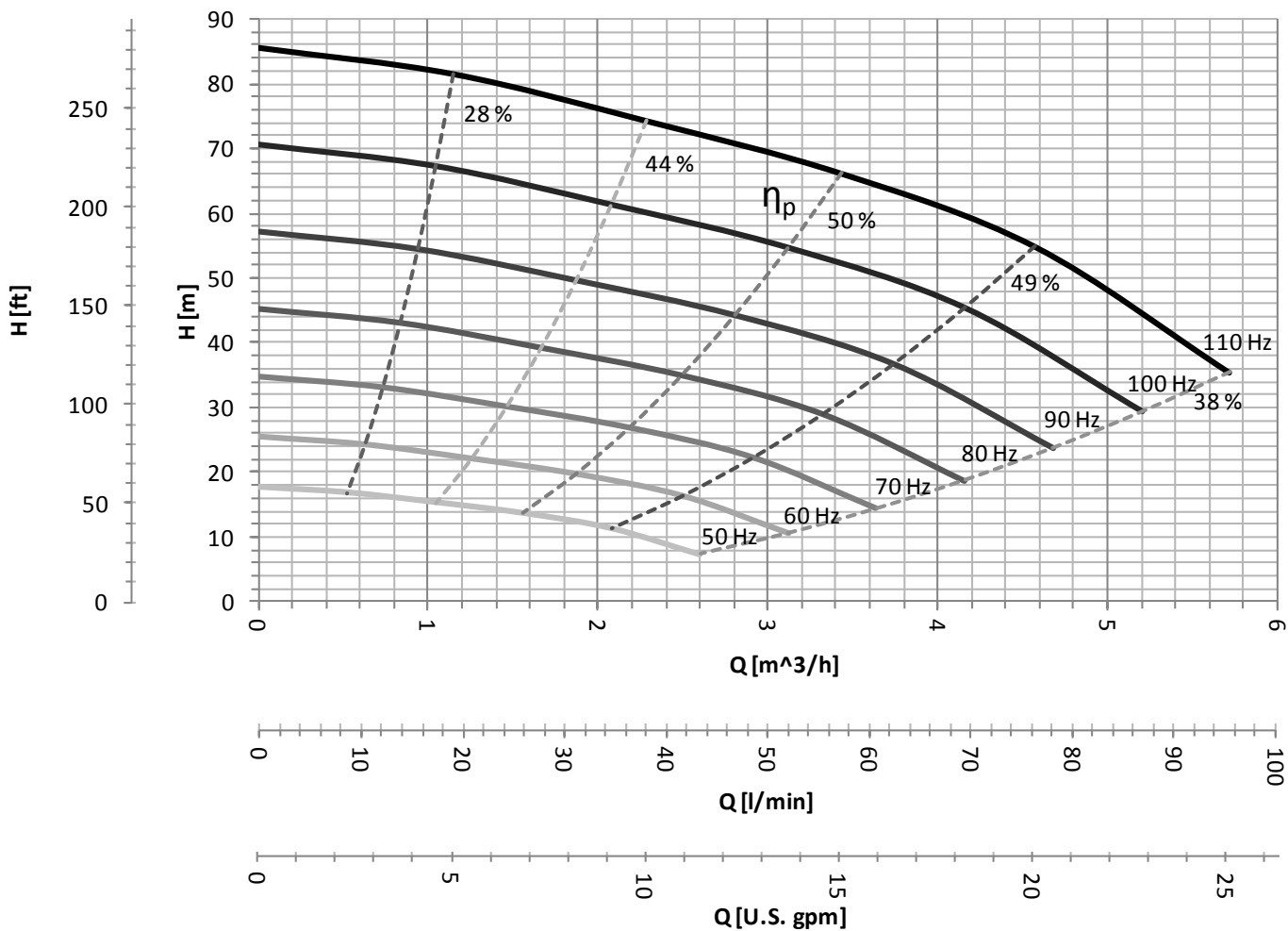
Model	Voltage	Max. absorbed current	Power factor	Max absorbed power	Dimension	Delivery	Pump weight	Max. diameter	Packing size	Total weight
<b>4TCH</b>		[A]		P1 [W]	[mm]		[kg]	[mm]	[cm]	[Kg]
<b>02/04 TS</b>	90 - 340 VDC 90 - 265 VAC	16 (130 VDC) 16 (130 VAC)	1	2100	936	1 1/4 "	19,5	101 **	120x20x29	20,5

# Performance : 4TCH 02/08



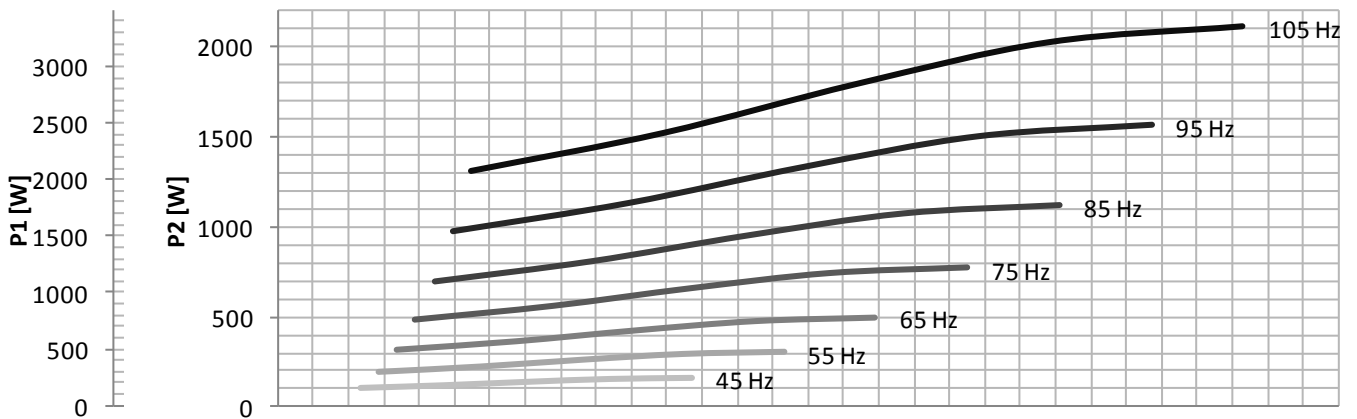
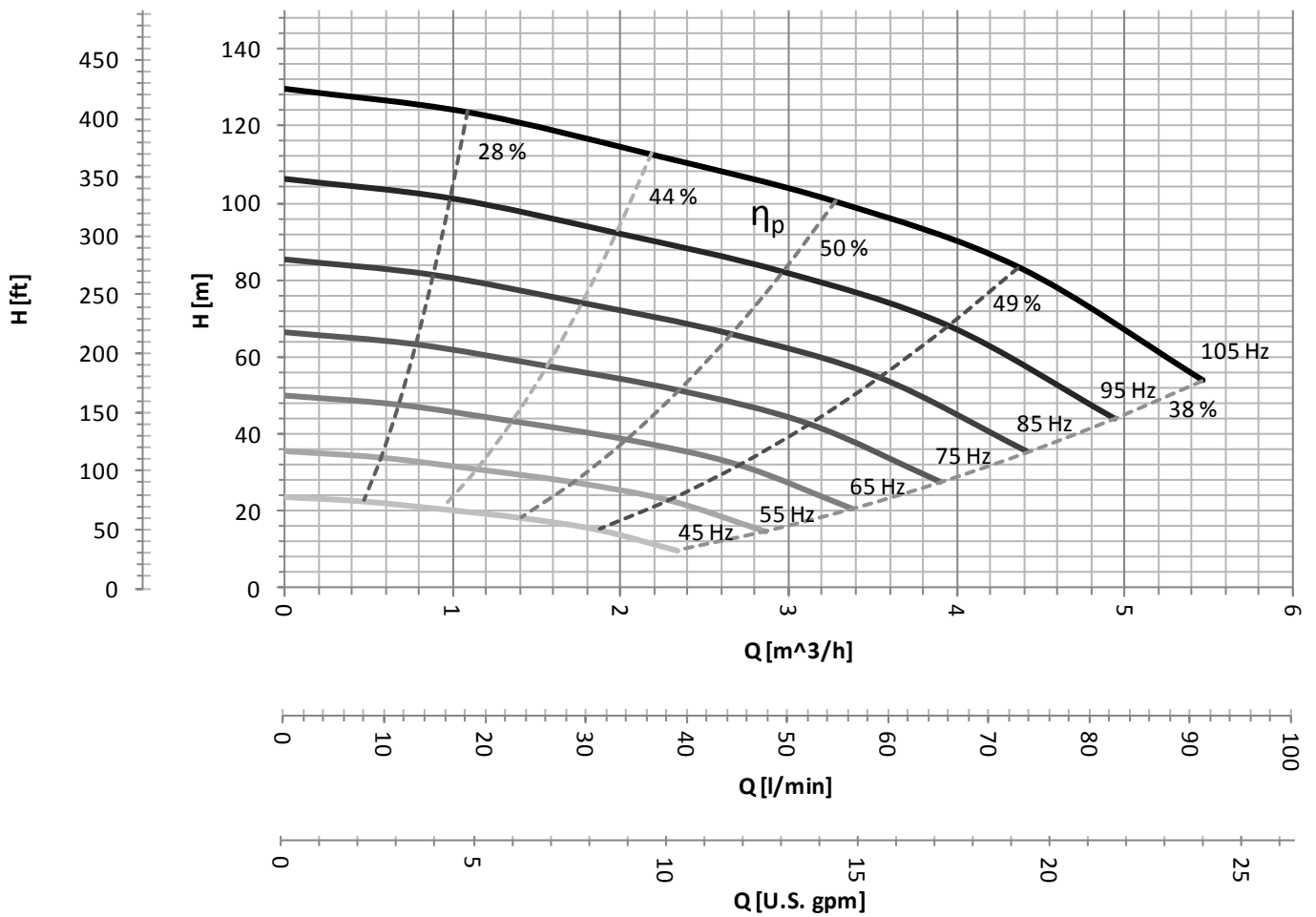
Model	Voltage	Max absorbed current	Power factor	Max. absorbed power	Dimension	Delivery	Pump weight	Max. diameter	Packing dimension	Total weight
<b>4TCH</b>		[A]		P1 [W]	[mm]		[kg]	[mm]	[cm]	[Kg]
<b>02/08 TS</b>	90 - 340 VDC 90 - 265 VAC	16 (220 VDC) 16 (220 VAC)	1	3500	1065	1 1/4 "	22	101 **	120x20x29	23

# Performance : 4TCH 04/03



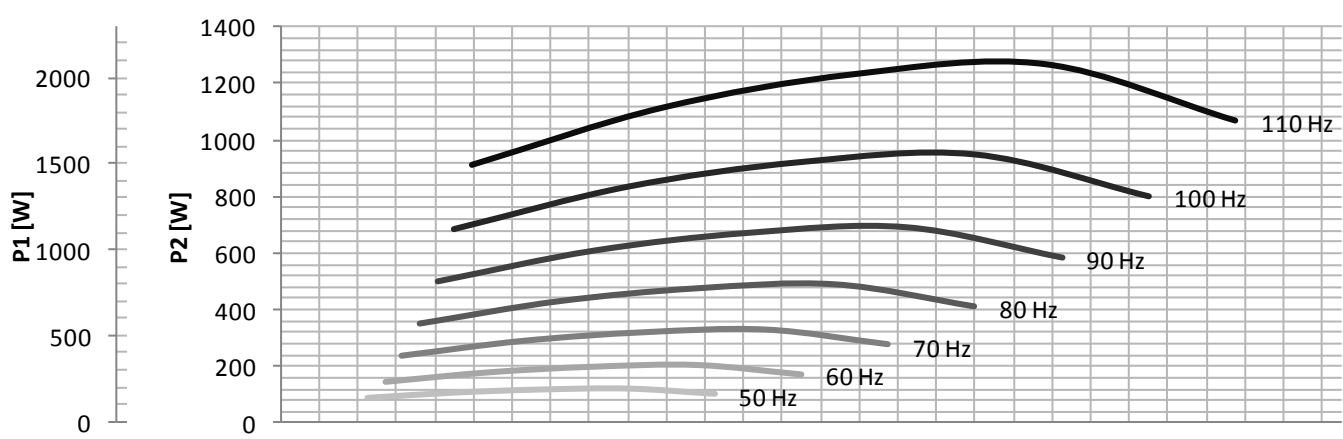
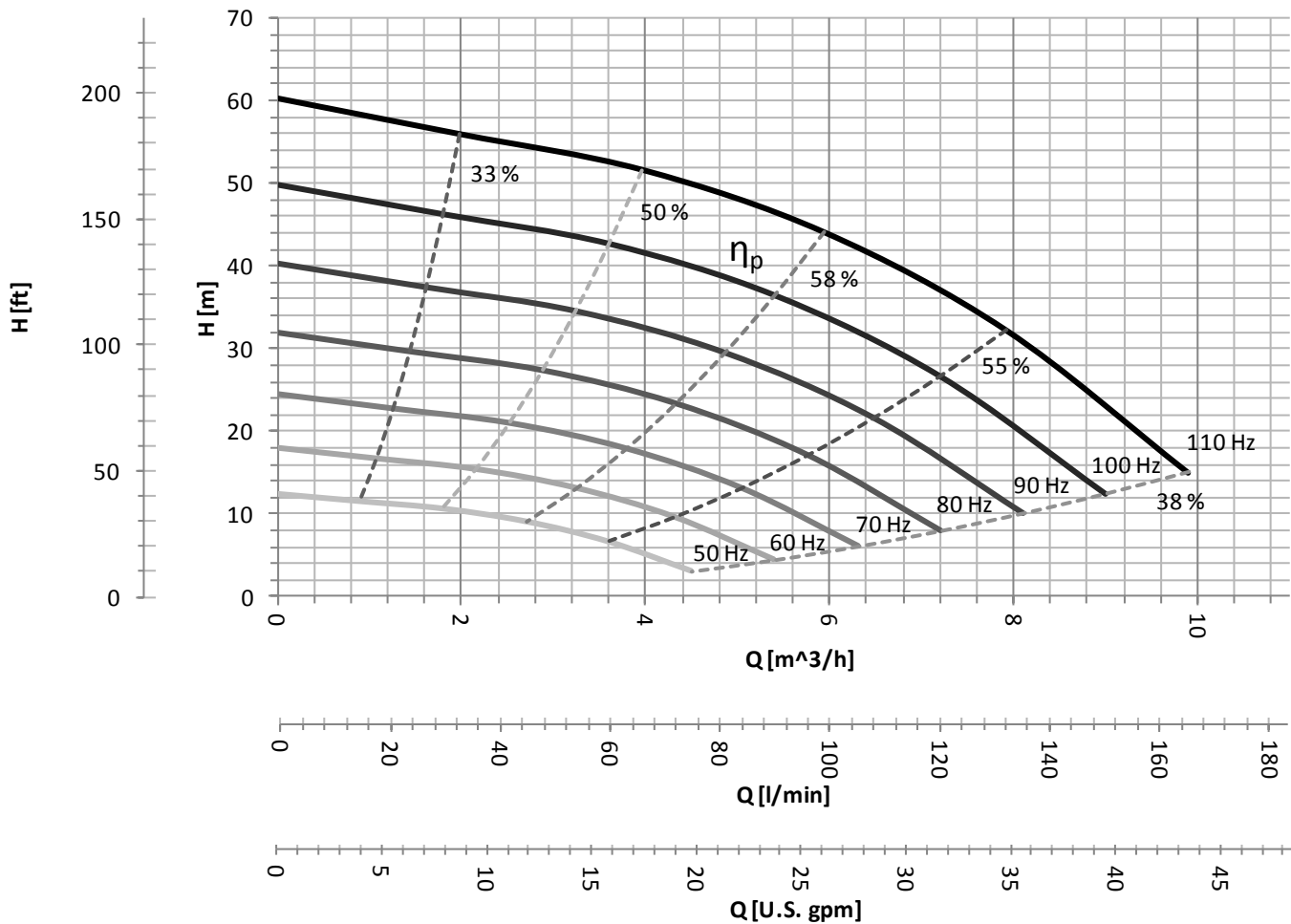
Model	Voltage	Max. absorbed current	Power factor	Max. absorbed power	Dimension	Delivery	Pump weight	Max. diameter	Packing dimension	Total weight
<b>4TCH</b>		[A]		P1 [W]	[mm]		[kg]	[mm]	[cm]	[Kg]
<b>04/03 TS</b>	90 - 340 VDC 90 - 265 VAC	16 (150 VDC) 16 (150 VAC)	1	2400	915	1 1/4 "	19,4	101 **	120x20x29	20

# Performance : 4TCH 04/05



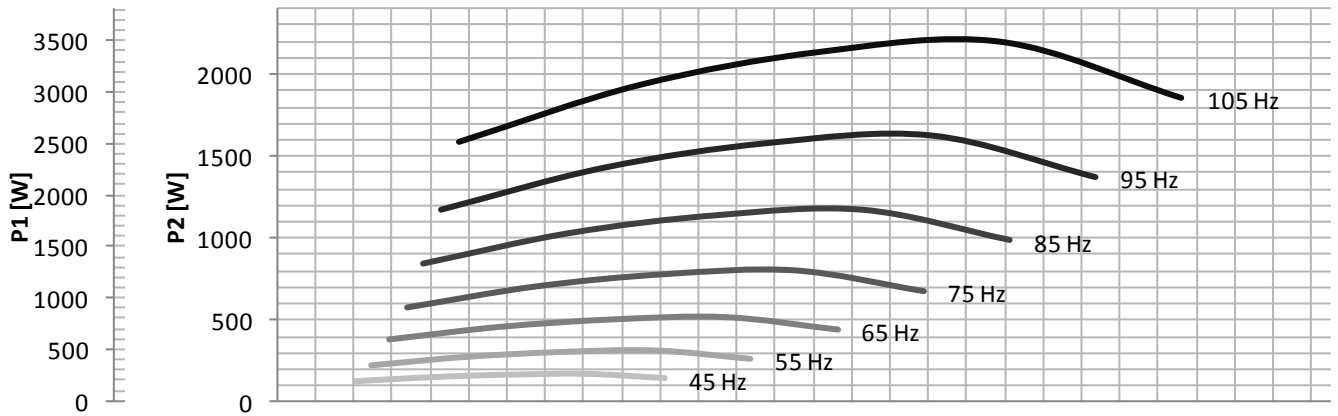
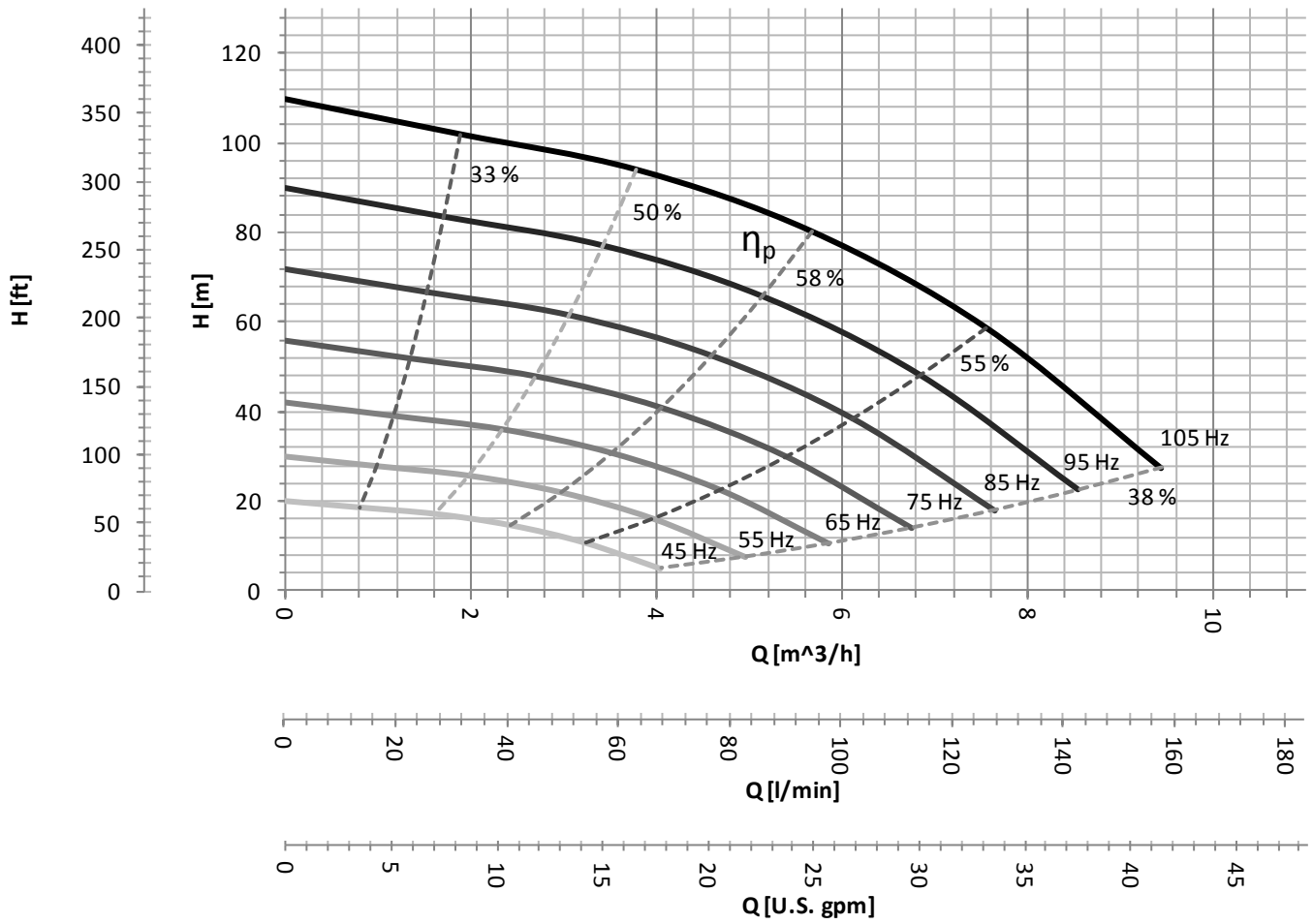
Model	Voltage	Max. absorbed current	Power factor	Max. absorbed power	Dimension	Delivery	Pump weight	Max. diameter	Packing dimension	Total weight
<b>4TCH</b>		[A]		P1 [W]	[mm]		[kg]	[mm]	[cm]	[Kg]
<b>04/05 TS</b>	90 - 340 VDC 90 - 265 VAC	16 (207 VDC) 16 (207 VAC)	1	3300	1002	1 1/4 "	21	101 **	120x20x29	22

# Performance : 4TCH 06/02



Model	Voltage	Max. absorbed current	Power factor	Max. absorbed power	Dimension	Delivery	Pump weight	Max. diameter	Packing dimension	Total weight
<b>4TCH</b>		[A]		P1 [W]	[mm]		[kg]	[mm]	[cm]	[Kg]
<b>06/02 TS</b>	90 - 340 VDC 90 - 265 VAC	16 (130 VDC) 16 (130 VAC)	1	2100	894	1 1/2 "	19,2	101 **	120x20x29	20

# Performance : 4TCH 06/04



Model	Voltage	Max. absorbed current	Power factor	Max. absorbed power	Dimension	Delivery	Pump weight	Max. diameter	Packing dimension	Total weight
<b>4TCH</b>		[A]		P1 [W]	[mm]		[kg]	[mm]	[cm]	[Kg]
<b>06/04 TS</b>	90 - 340 VDC 90 - 265 VAC	16 (225 VDC) 16 (225 VAC)	1	3600	981	1 1/2 "	21,4	101 **	120x20x29	22

# General characteristics

<b>4TCH</b>	
Max. temperature of the liquid	35 °C (92 °F)
Min. cooling speed of the liquid	0.2 m/s
Characteristics of the pumped liquid	clean, chemically not aggressive, not explosive, without solids and fibres content, with max. 50 g/m <sup>3</sup> sand content
Protection grade	IP68
Max. immersion depth	150 m
Materials	Motor, impellers and diffusers in AISI 304 stainless steel
Cable	Flat cable ACS - WRAS - KTM approved
<b>4TCH CONTROL MODULE</b>	
Max. ambient temperature	50 °C (122 °F)
Protection grade	IP55
Materials	Aluminium enclosure, , PVC labels , cable gland in polyamide (PA), display membrane in polyester (PE)
Analog input	2 input 4-20 mA + 2 input 4-20 mA or 0-10 V settable by the user
Digital input	4 input N.A o N.C settable by the user
Digital output	2 relays output 5 A , 250 VAC, N.A. o N.C settable by the user
User display	display LCD backlit, 16 characters x 2 rows, 5 buttons, buzzer as acoustic alarm
Shortcircuit protection	by fuse
<b>CERTIFICATIONS</b>	
CE	

The 4TCH solar pump can be installed both vertically and horizontally with the outlet never be lower the horizontal axis.

To ensure a proper cooling if 4TCH is not installed in a well, it is necessary to use a cooling sleeve to grant the minimum cooling speed of the liquid.

