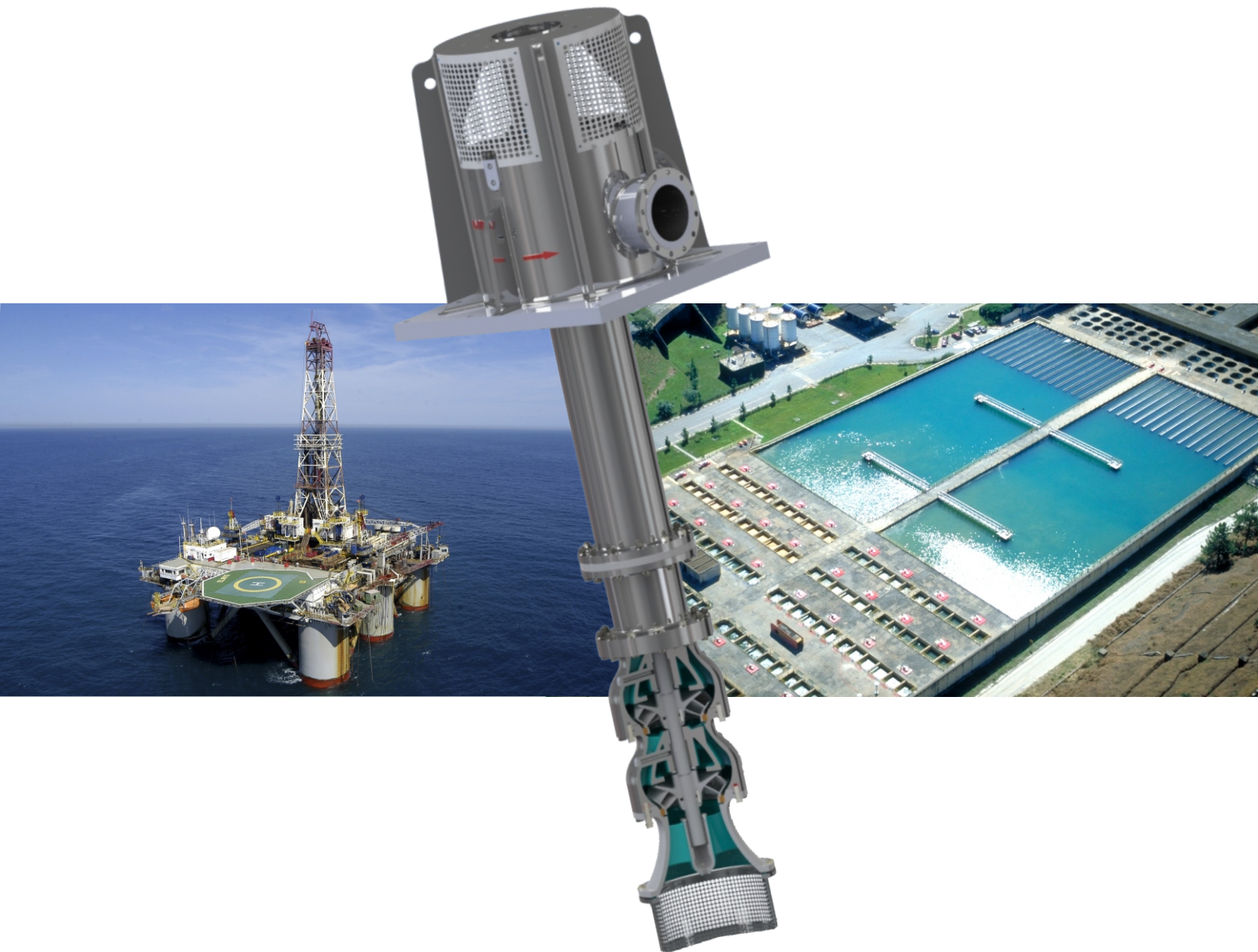


Linha

VTI

**"Bombas Verticais
de Eixo Prolongado"**



IMBIL®

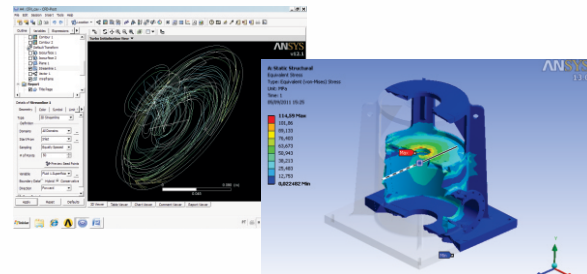
Soluções em Bombeamento



INOVANDO EM BUSCA DA EXCELÊNCIA

A IMBIL disponibiliza ao mercado de bomba centrífugas mais uma linha de produtos, bombas verticais tipo turbina multi-estágio, bombas verticais com rotor axial e semi-axial e bombas verticais tipo turbina, podendo ser montada com múltiplos estágios.

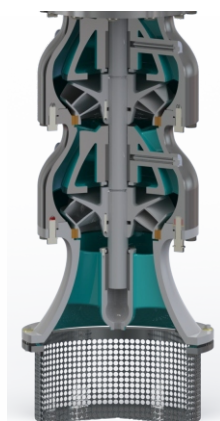
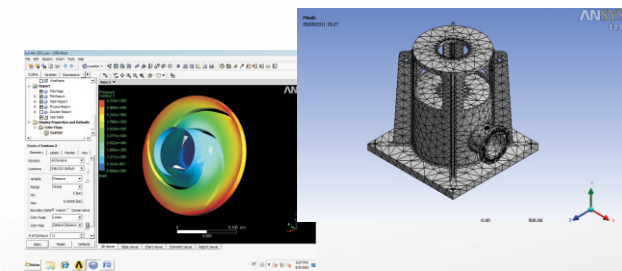
Produto desenvolvido com o uso de CFD, Static Strutural e elementos finitos, tecnologia de produto e fabricação totalmente nacional, atualmente essa nova linha de produtos poderá ser fornecida com até 17 estágios e diferentes tamanhos de sucção, descarga e coluna.



- Menor custo de Instalação devido ao custo reduzido da casa bombas.

Aplicações:

Captação de Água
Poços Profundos
Saneamento
Irrigação
Drenagem
Transferência de Petróleo
Combate a incêndio



Características:

Vazão até: 4600 m³/h
Altura manométrica até: 200 m.c.a. (por estágio)
Temperatura até: 0 °C à 90 °C
Bomba Vertical tipo turbina
Menor custo com casa de bombas
Sem necessidade de escorva

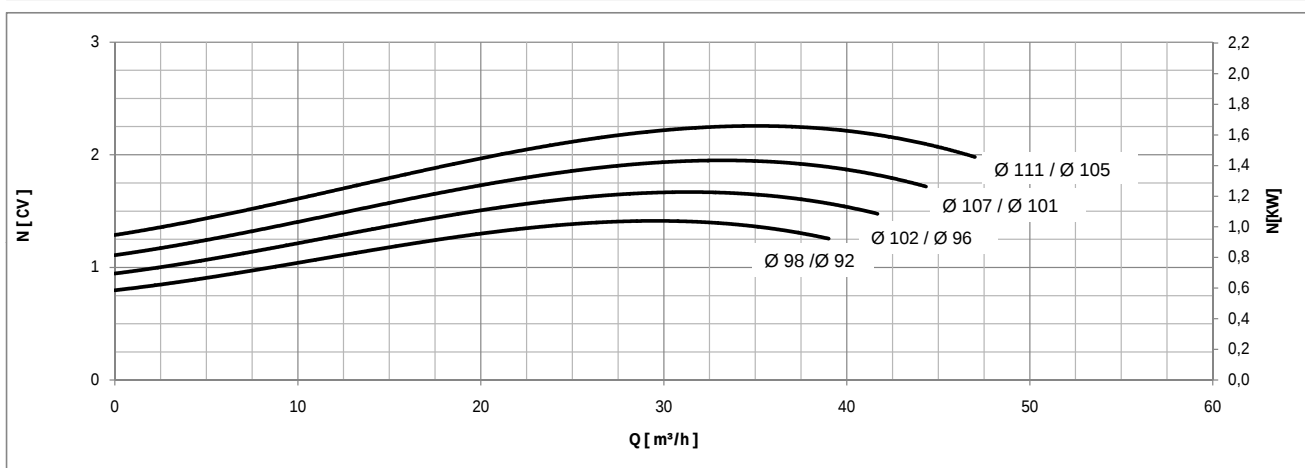
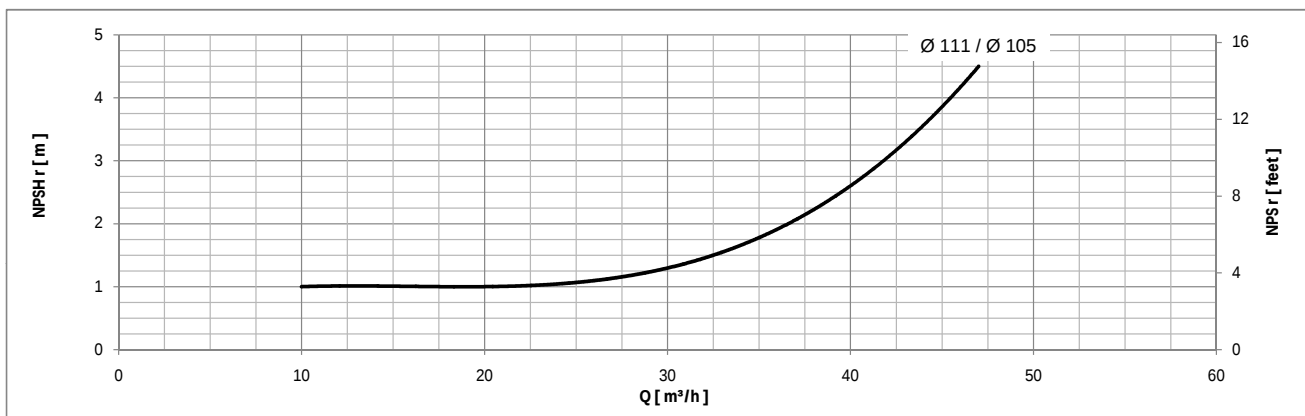
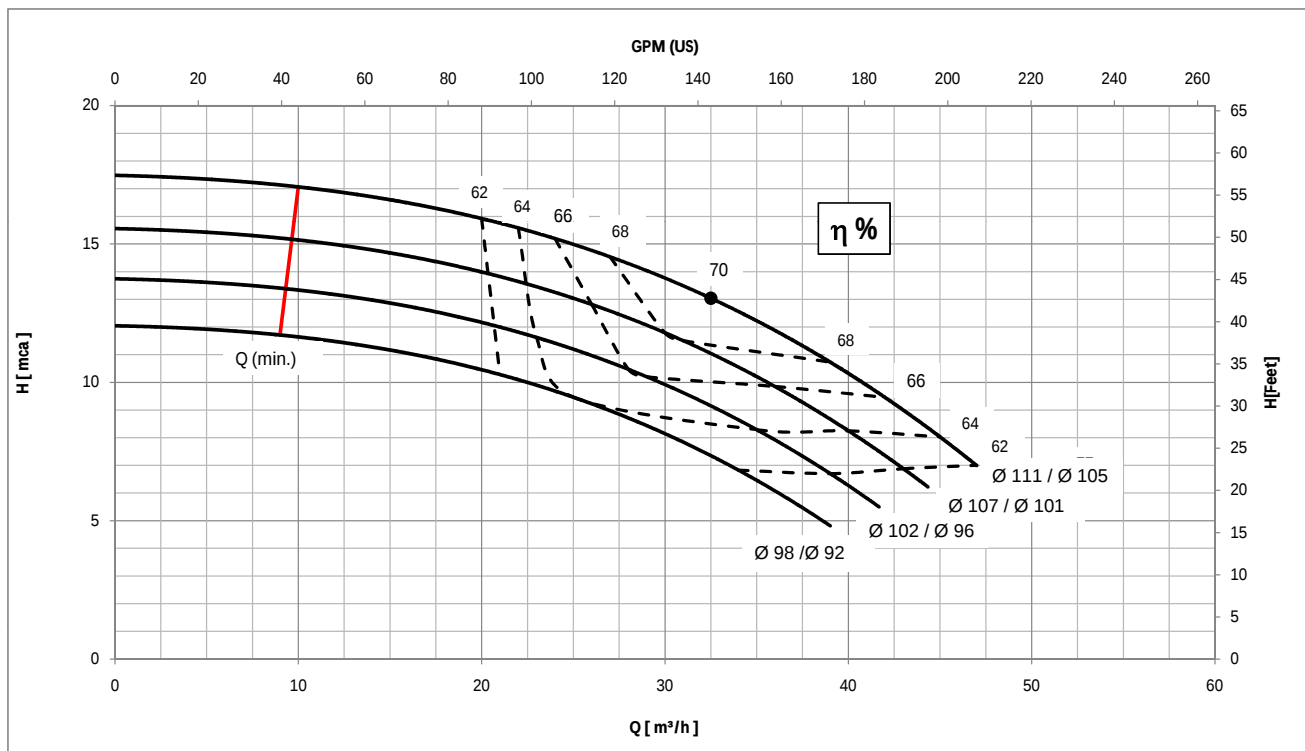
Projeto:

Bomba axial tipo turbina multi-estágio podendo ser fornecida com tanque em varias disposições de tubulação de descarga com projetos variados.
Disponível com selos mecânicos e espaçador para desmontagem.



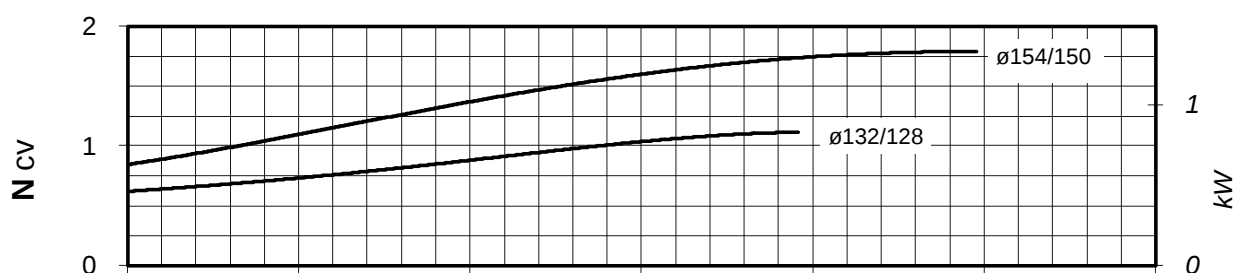
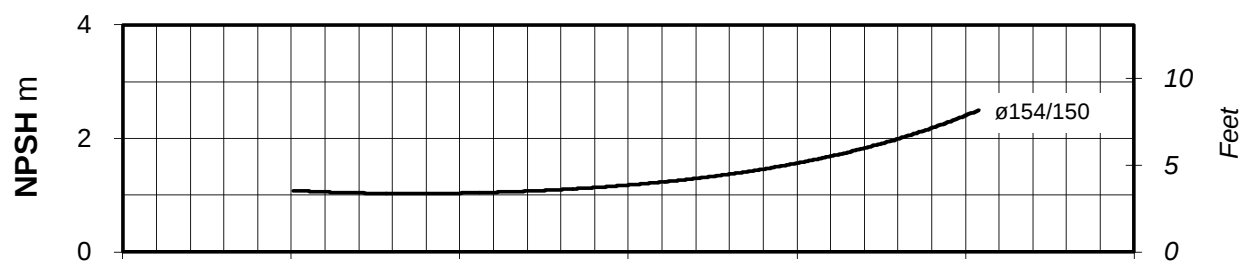
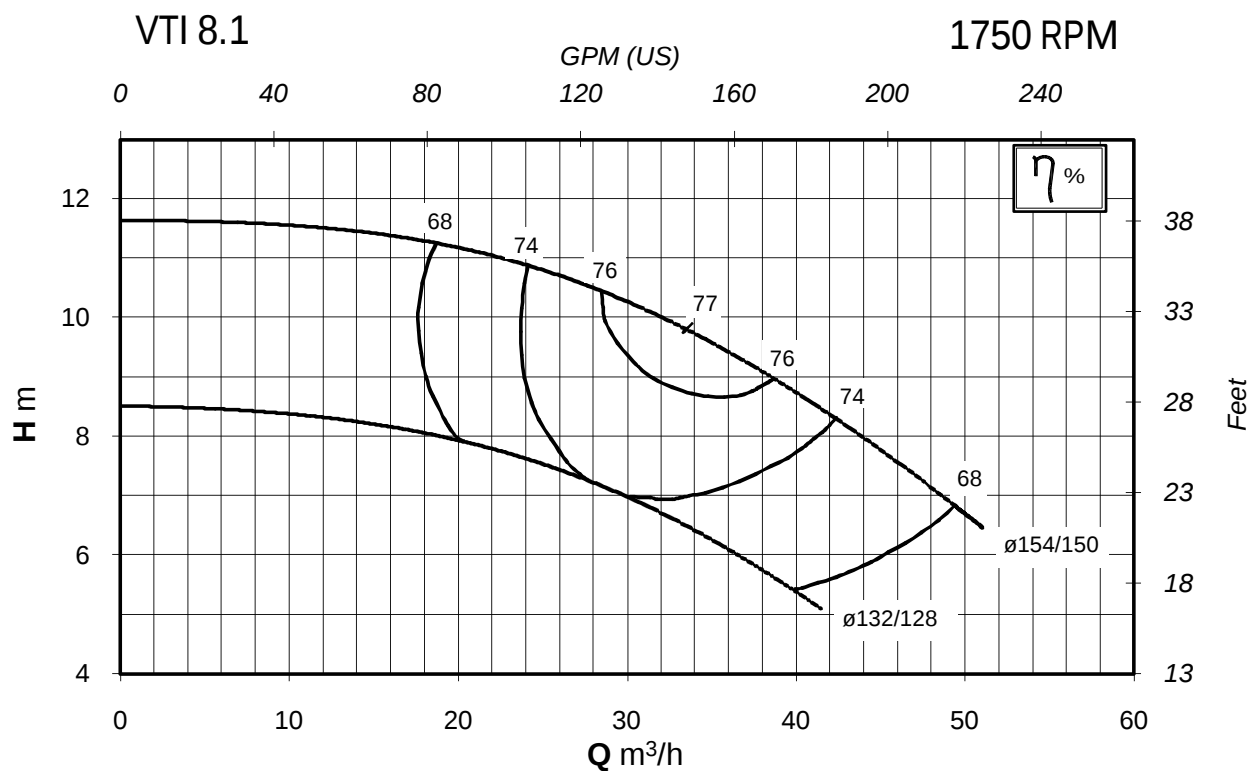
VTI 6

3500 RPM



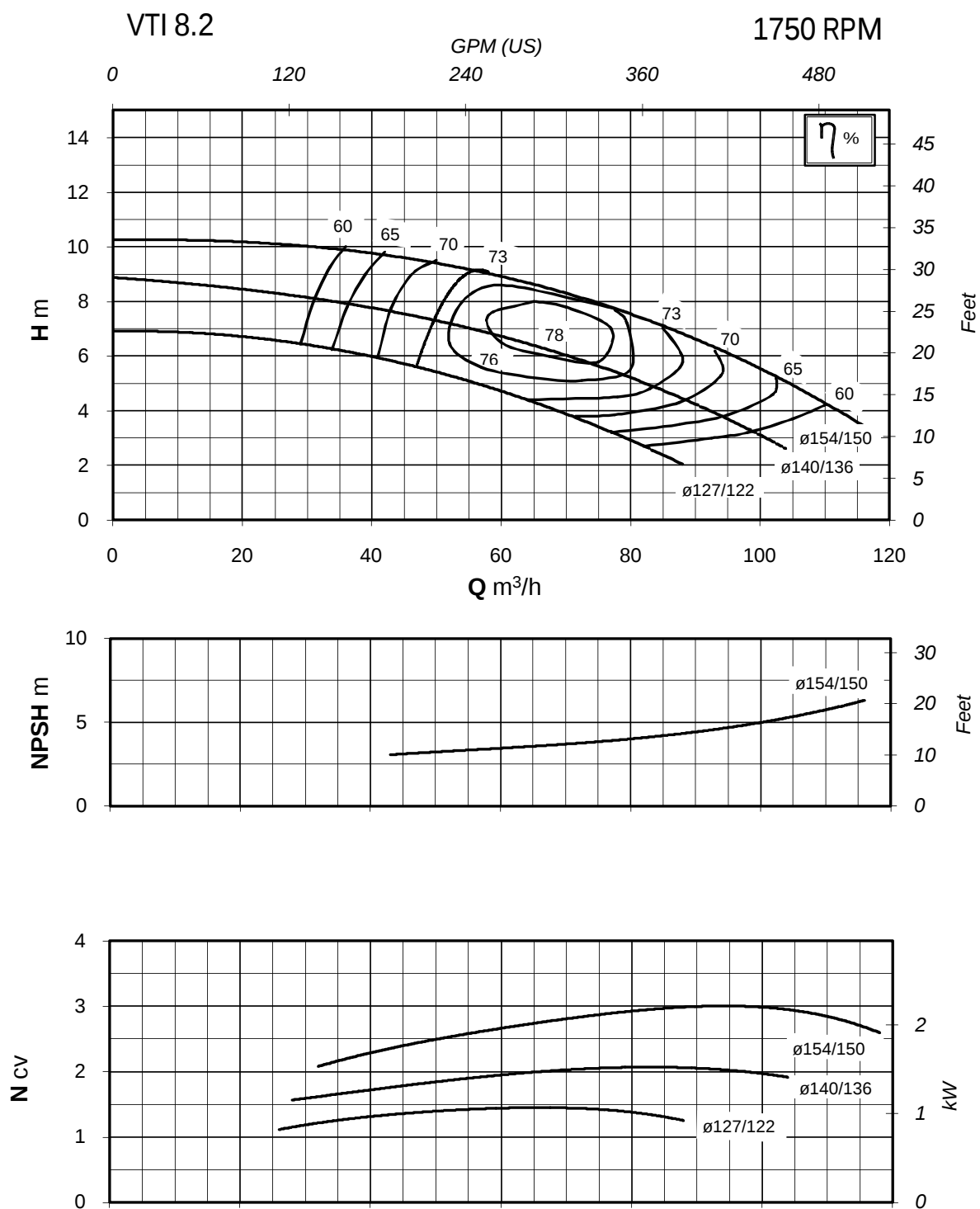
Rotor Máximo	Ø 111 / Ø 105	mm
Rotor Mínimo	Ø 98 / Ø 92	mm
Viscosidade	$\mu = 1$	cP

Flange de Sucção	140	mm
Flange de Pressão	100	mm
Peso Específico	$\gamma = 1$	kgf/dm³



Rotor Ø Máximo 154/150 mm
 Rotor Ø Mínimo 132/128 mm

Viscosidade $\mu = 1\text{cP}$
 Peso Específico $\gamma = 1 \text{ kgf/dm}^3$



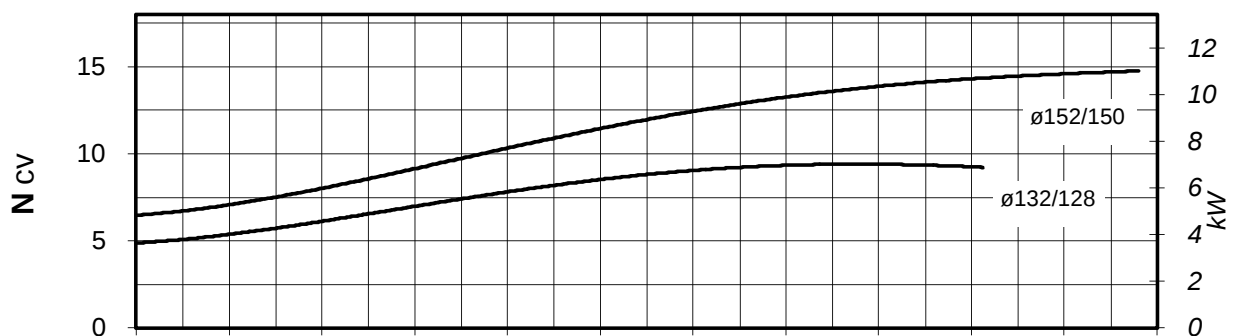
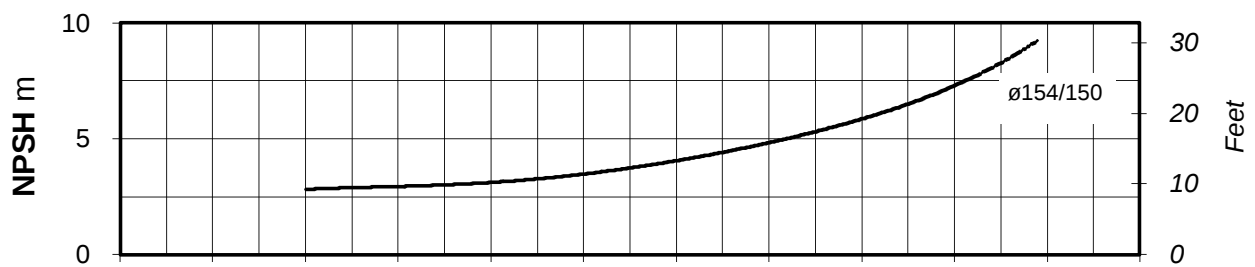
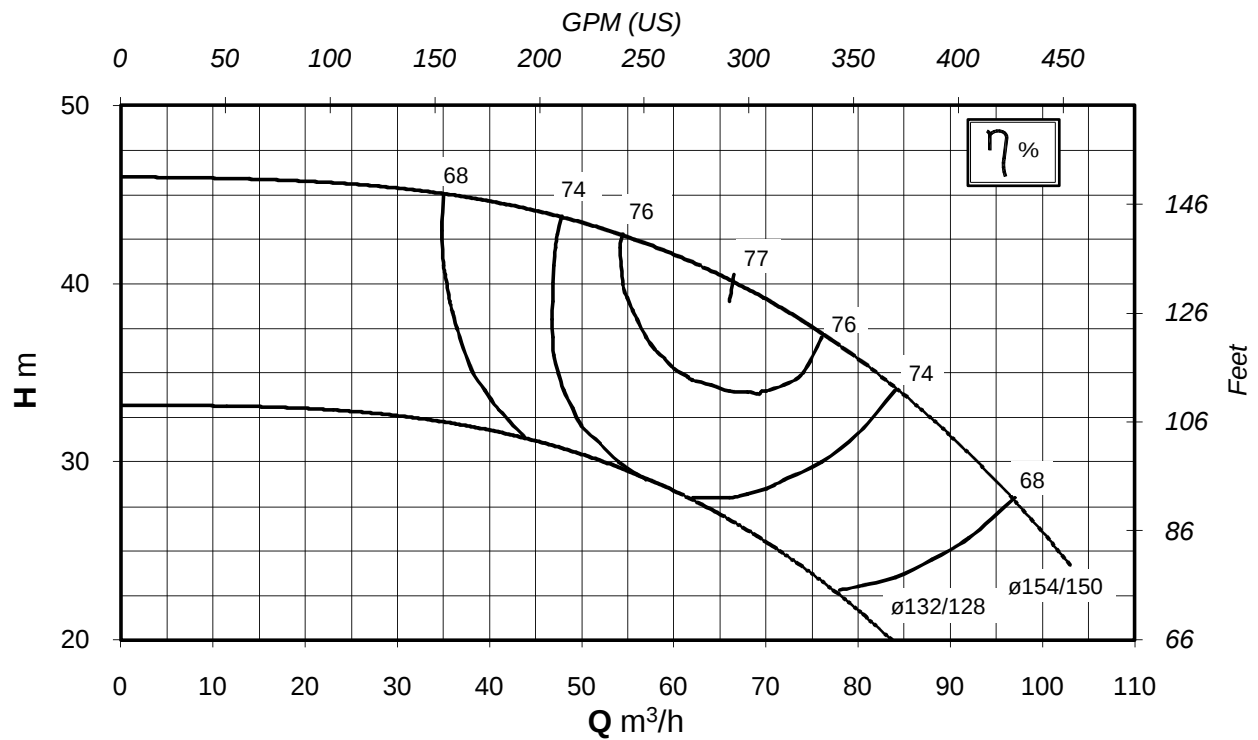
Rotor Ø Máximo 154/150 mm
 Rotor Ø Mínimo 127/122 mm

Viscosidade $\mu = 1\text{cP}$
 Peso Específico $\gamma = 1\text{ kgf/dm}^3$



VTI 8.1

3500 RPM



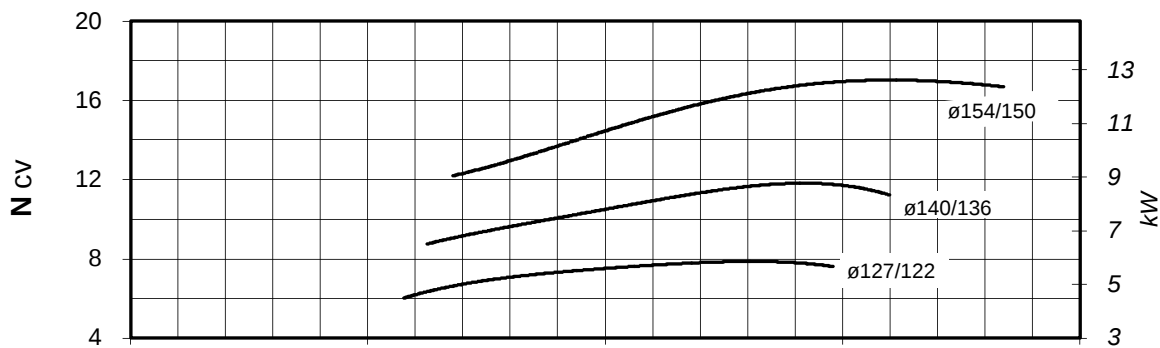
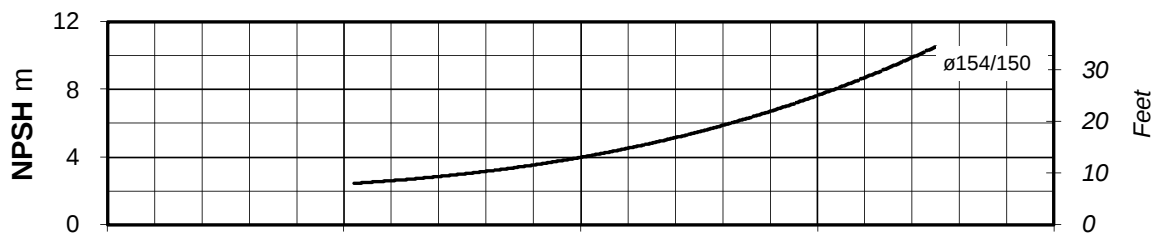
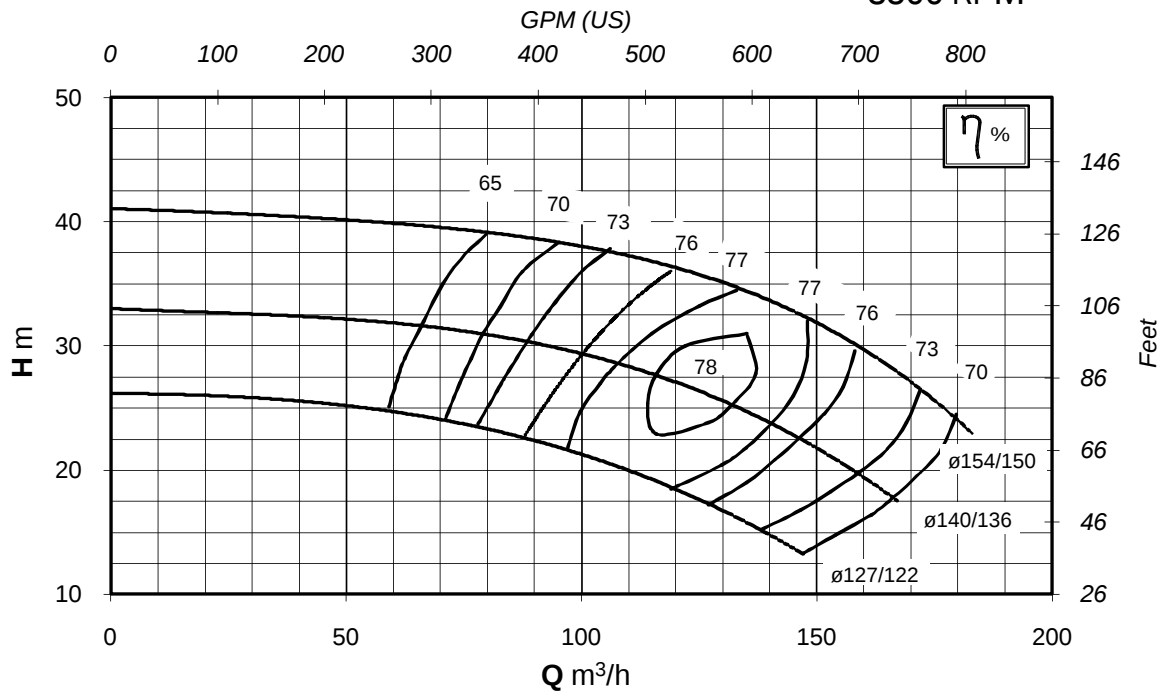
Rotor $\varnothing$ Máximo 152/150 mm
 Rotor $\varnothing$ Mínimo 132/128 mm

Viscosidade $\mu = 1\text{cP}$
 Peso Específico $\gamma = 1\text{ kgf/dm}^3$



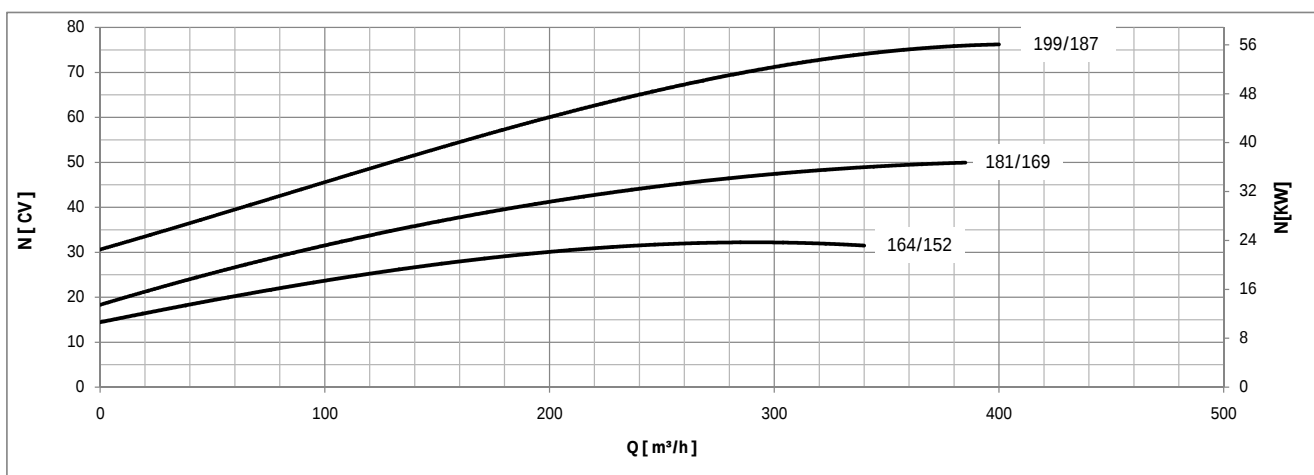
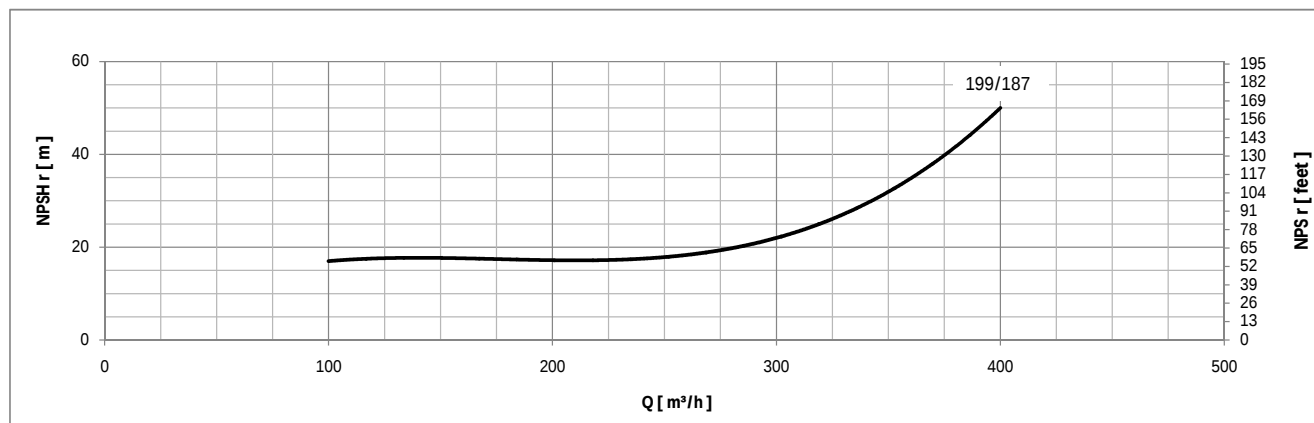
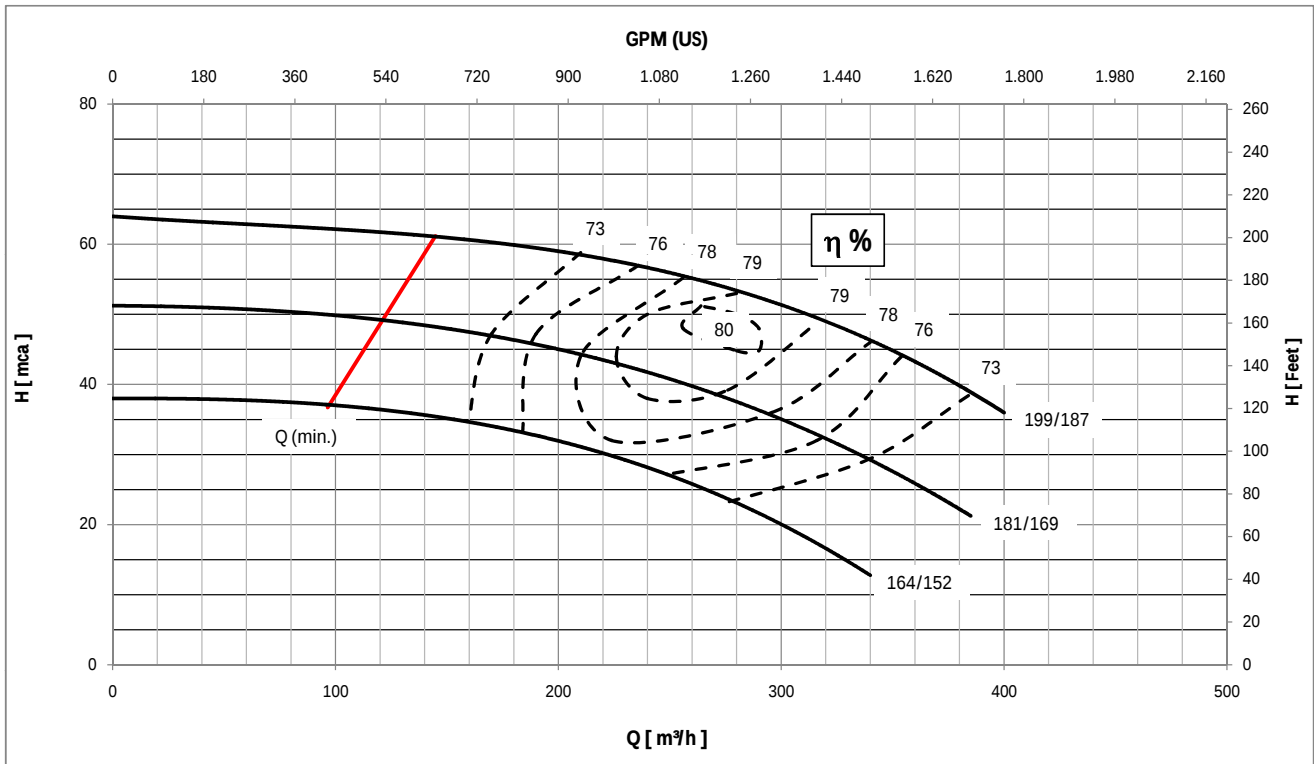
VTI 8.2

3500 RPM



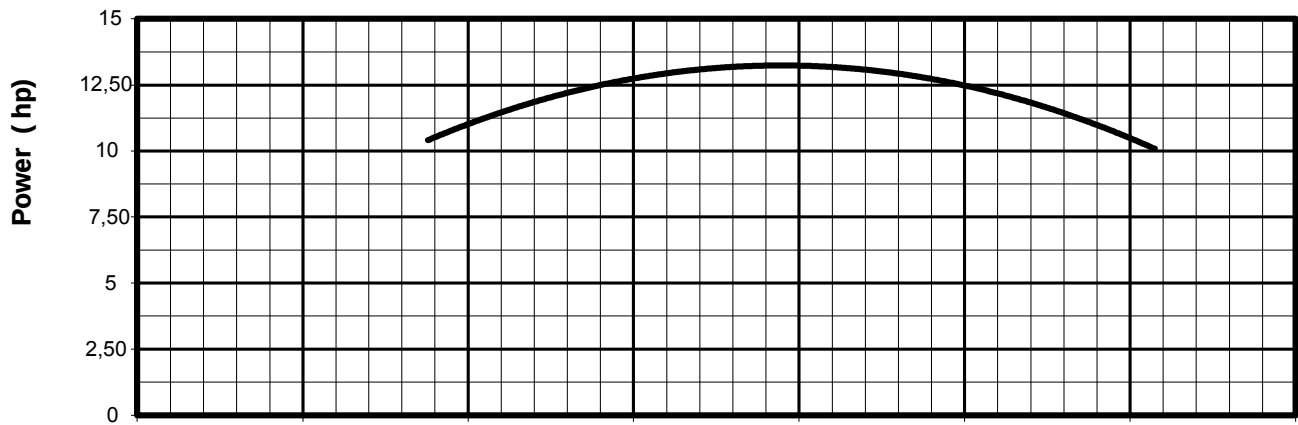
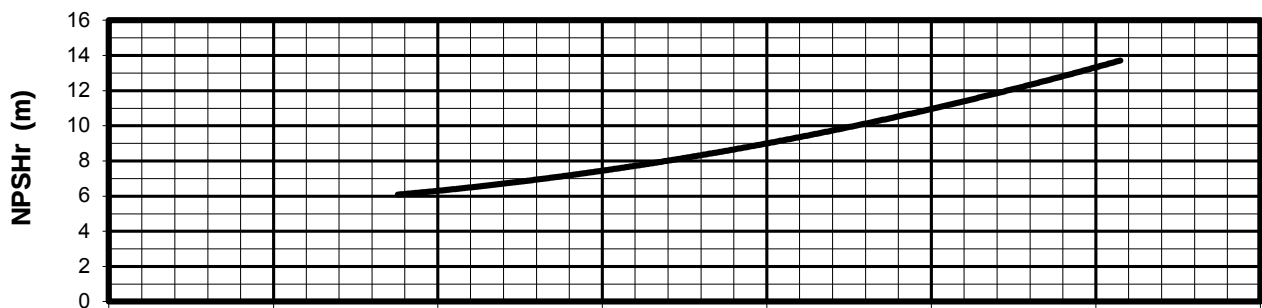
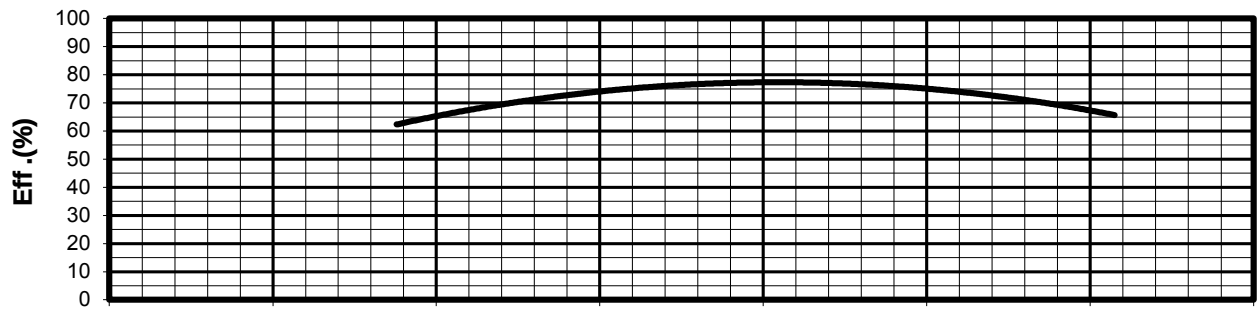
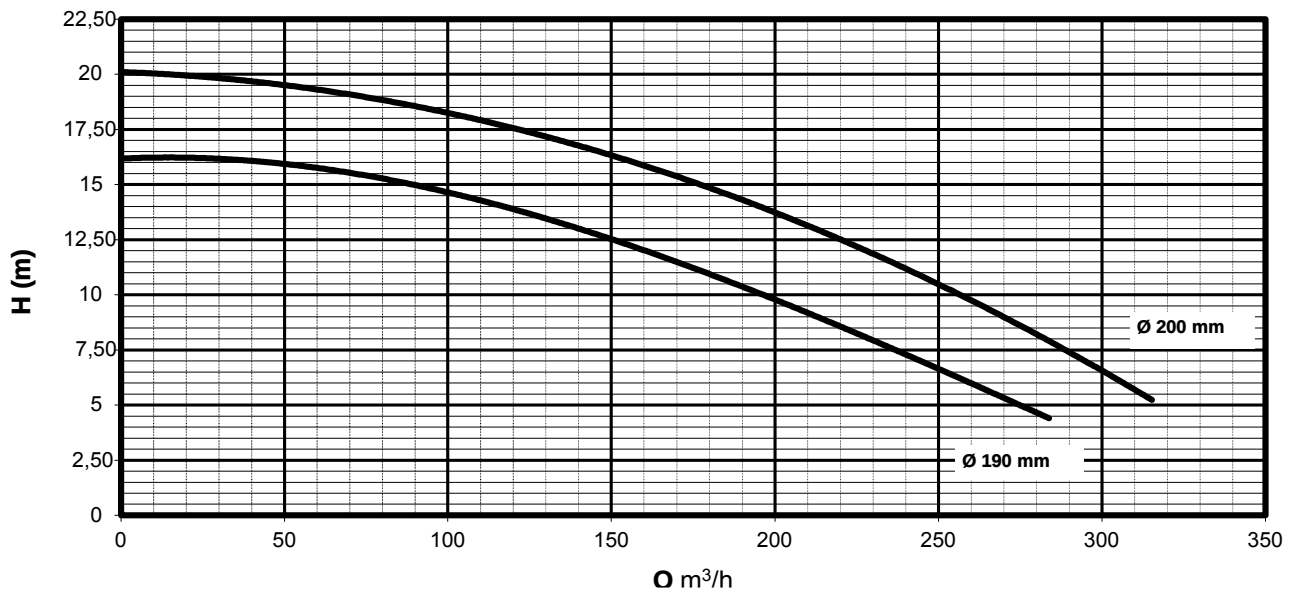
Rotor Ø Máximo	154/150 mm
Rotor Ø Mínimo	127/122 mm

Viscosidade	$\mu = 1\text{cP}$
Peso Específico	$\gamma = 1\text{ kgf/dm}^3$



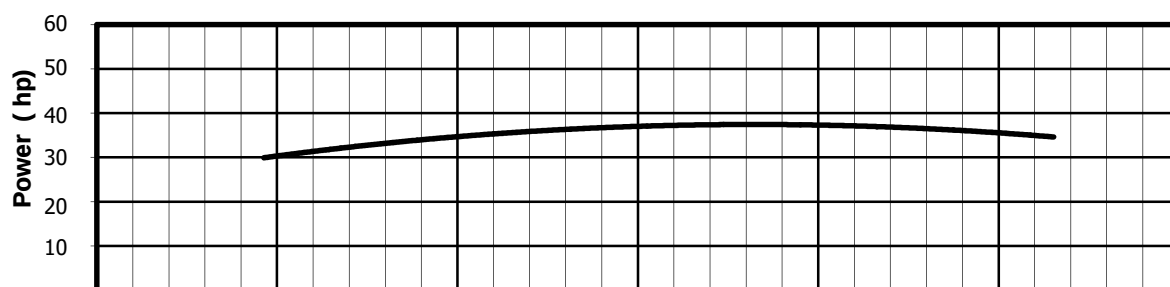
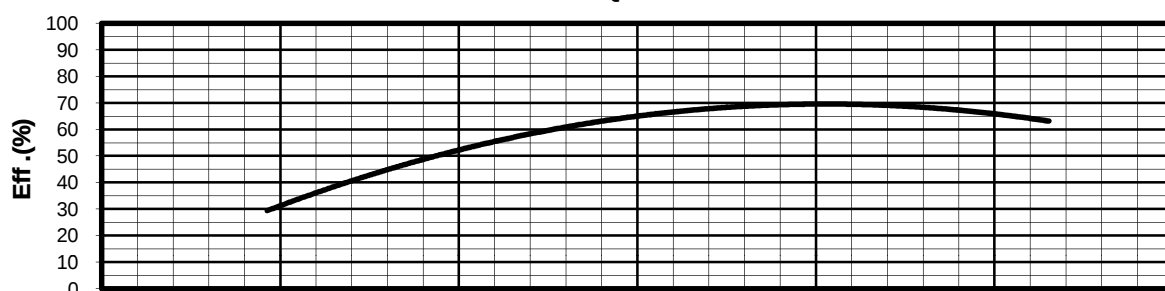
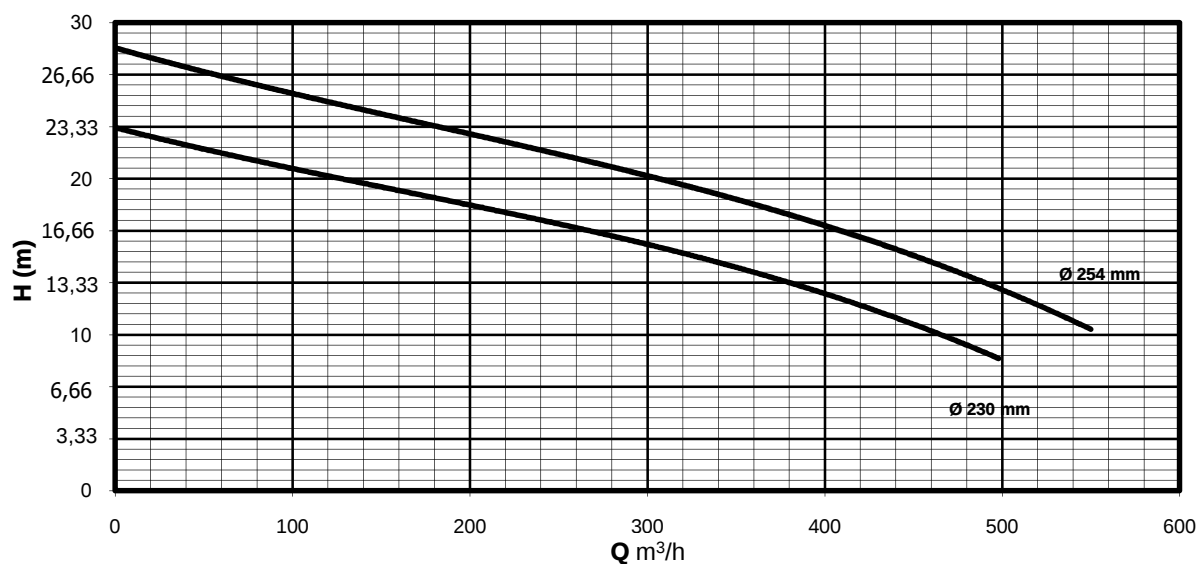
Rotor Máximo	199/187	mm
Rotor Mínimo	164/152	mm
Viscosidade	$\mu = 1$	cP

Flange de Sucção	mm
Flange de Pressão	mm
Peso Específico	$\gamma = 1$ kgf/dm³



VTI 14

1780 rpm



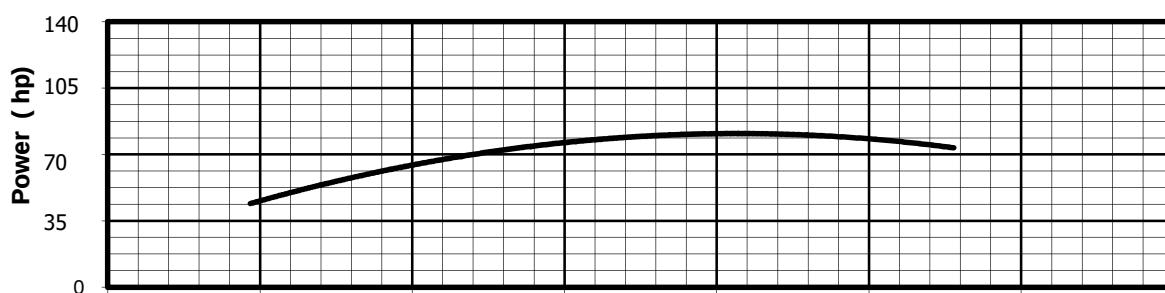
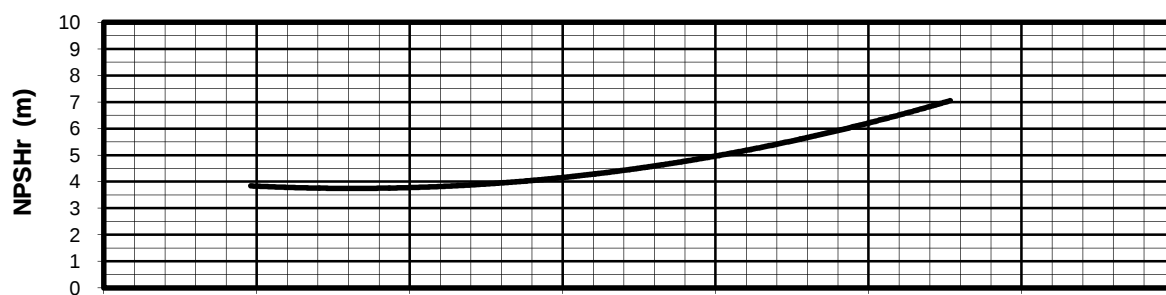
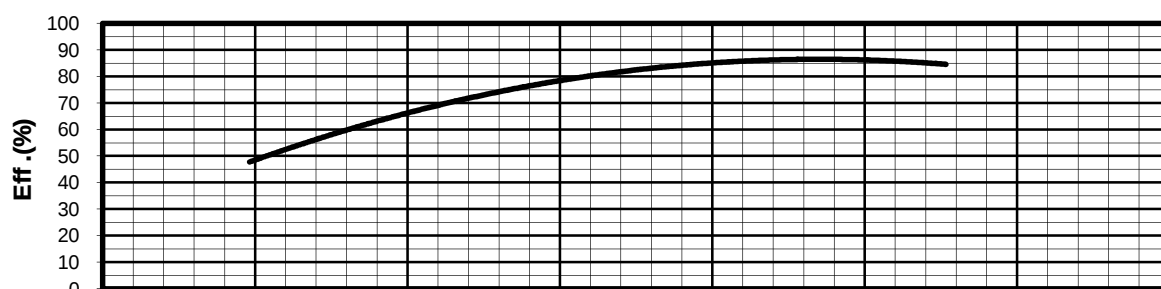
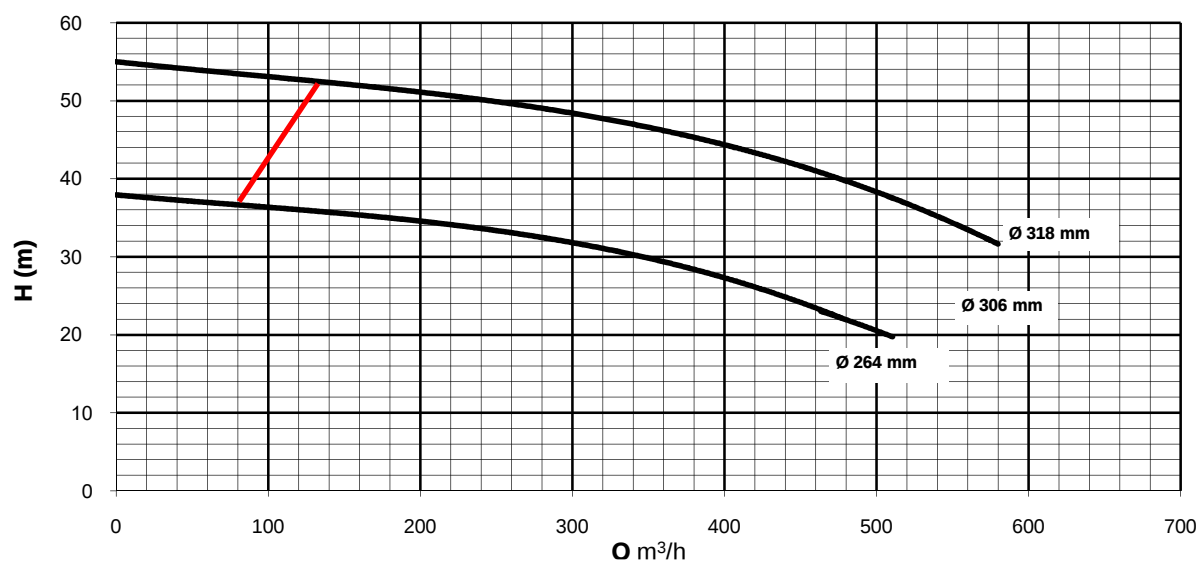
Bombas VTI

"Bombas Verticais de Eixo Prolongado"



VTI 15.3

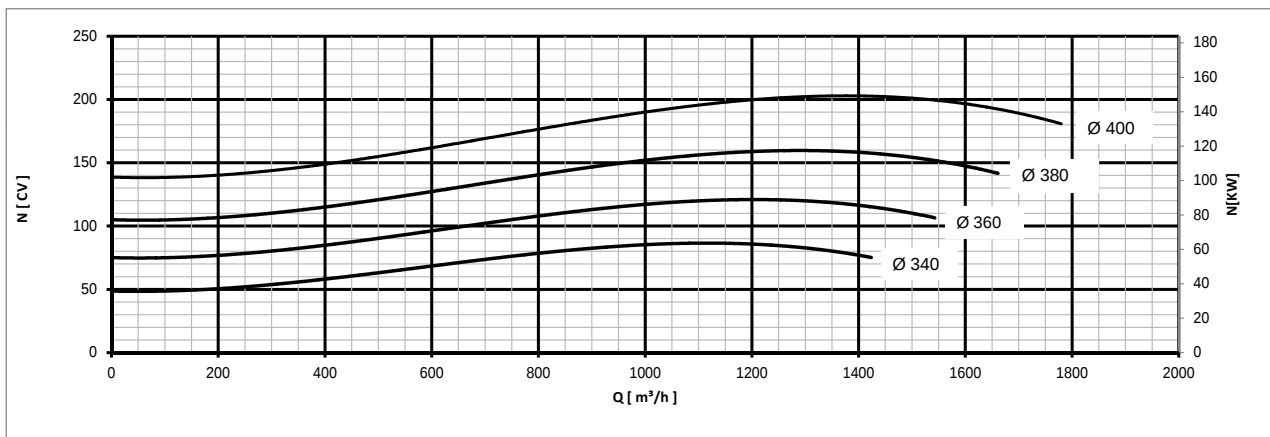
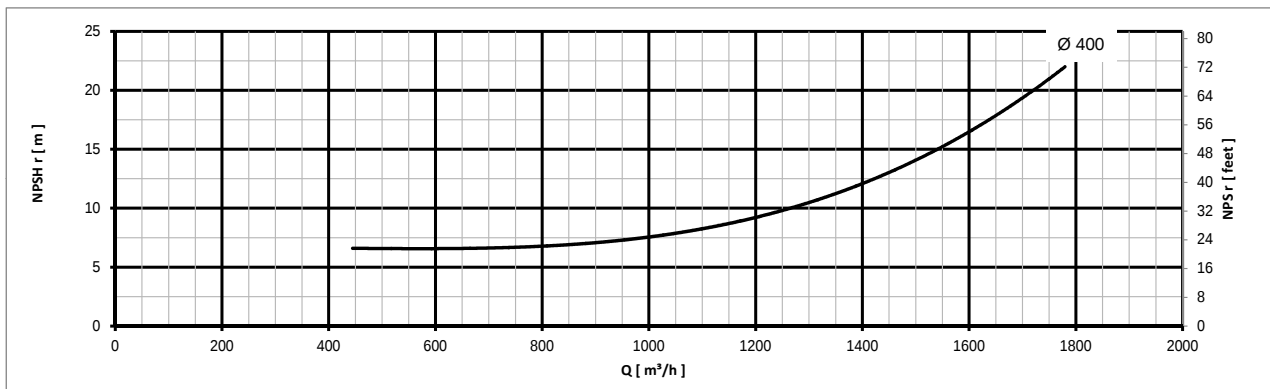
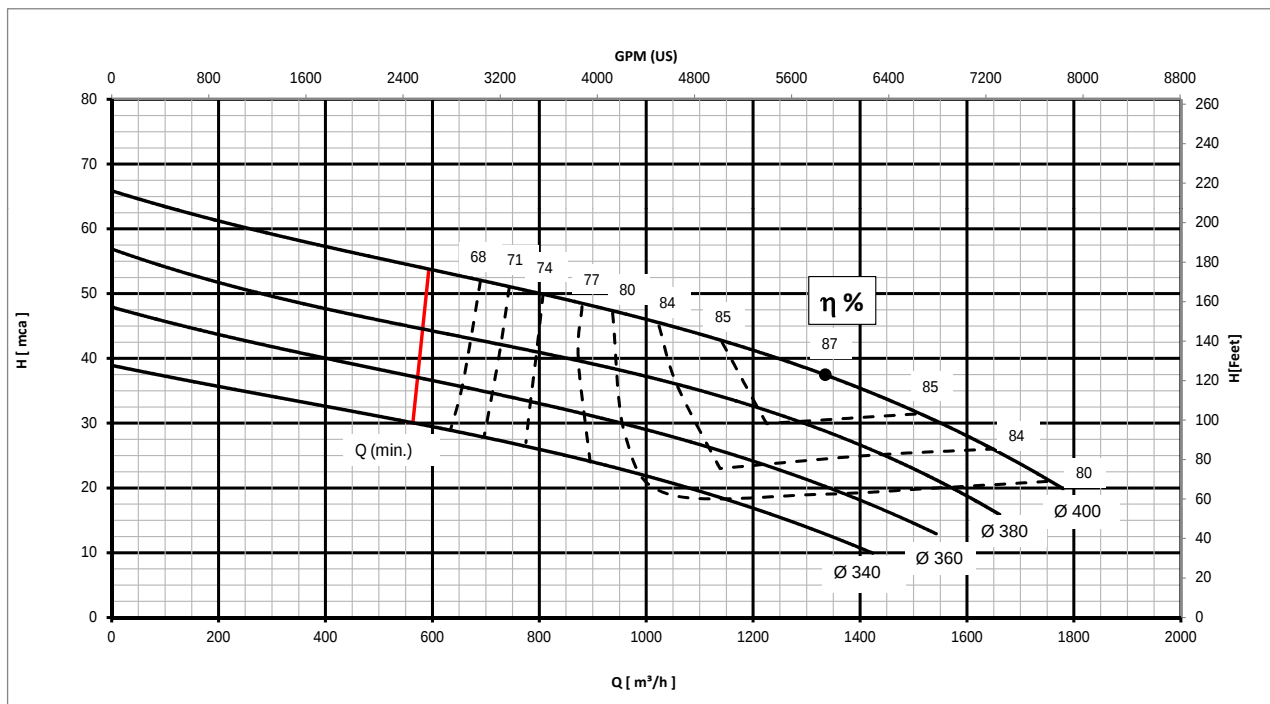
1780 rpm





VTI 20 - 5 Pás

1750 RPM



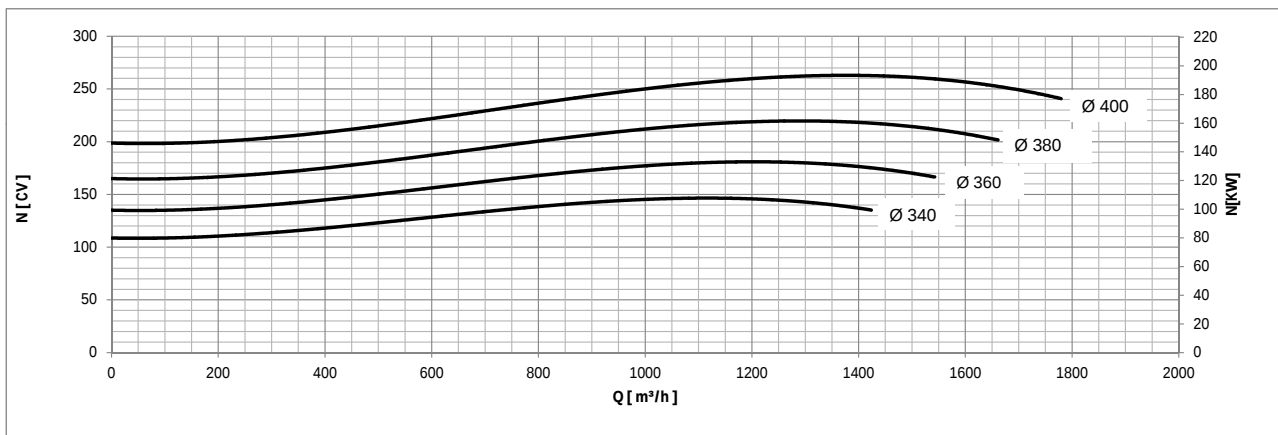
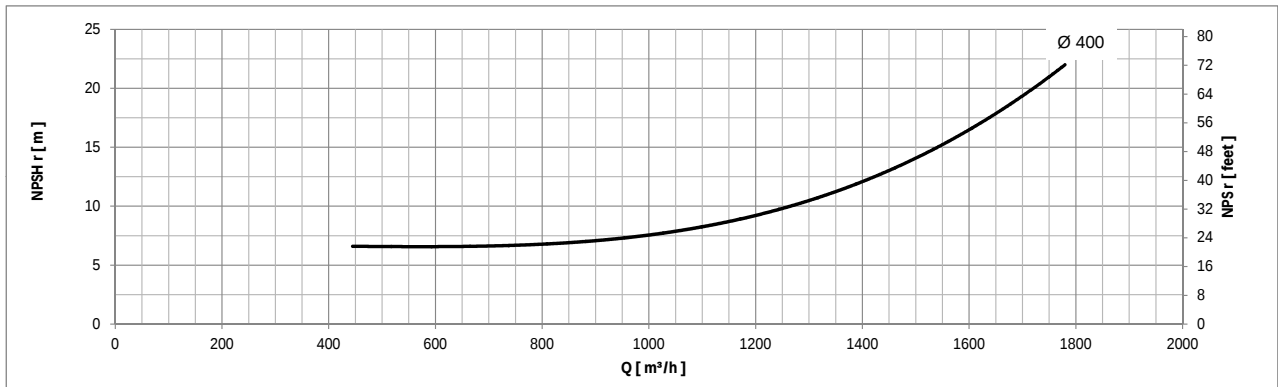
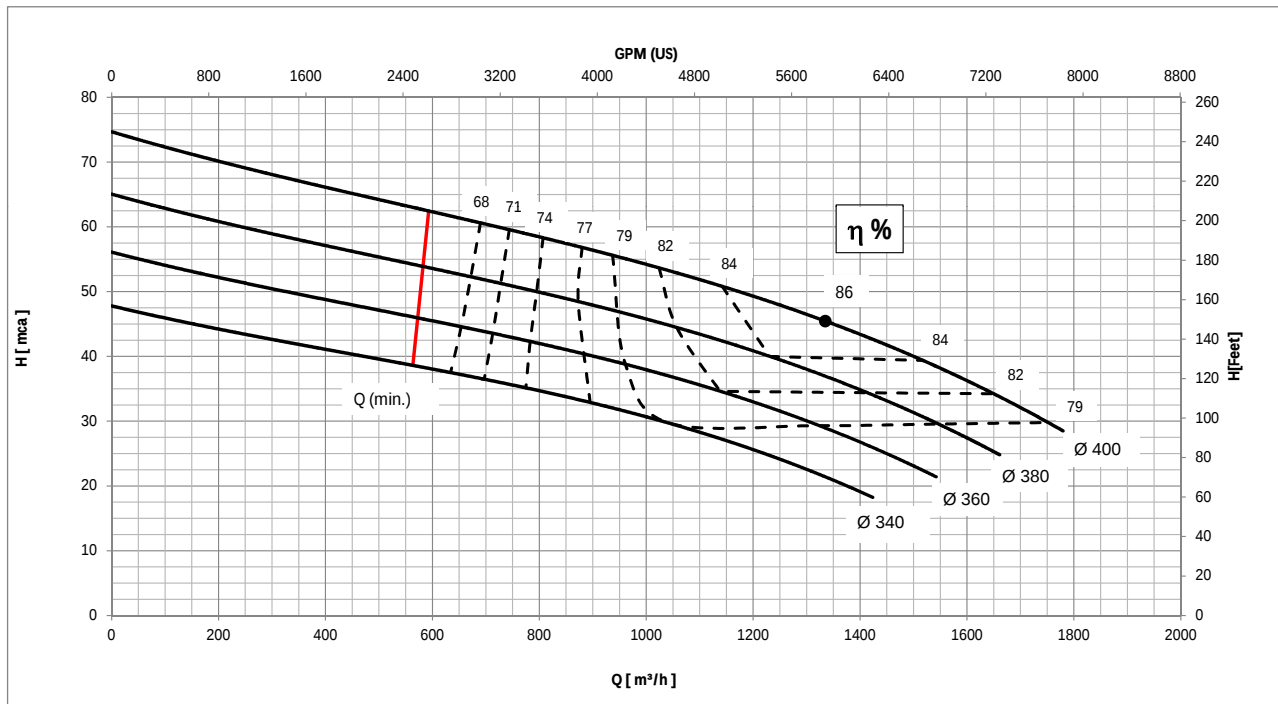
Rotor Máximo	Ø 400	mm
Rotor Mínimo	Ø 340	mm
Viscosidade	$\mu = 1$	cP

Flange de Sucção	550	mm
Flange de Pressão	406	mm
Peso Específico	$\gamma = 1$	kgf/dm³



VTI 20 - 7pás

1750 RPM



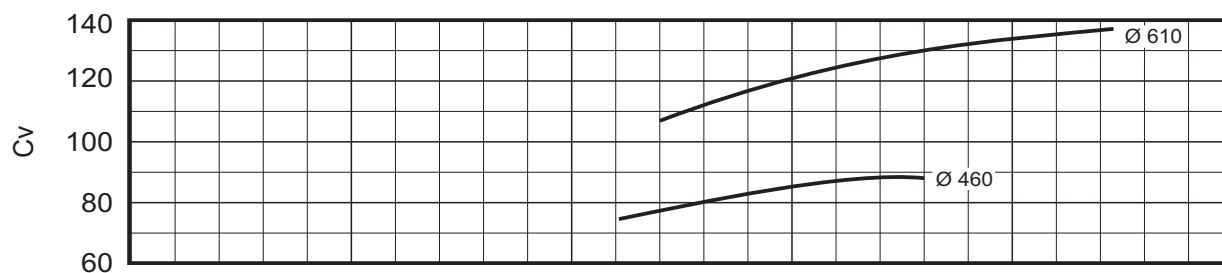
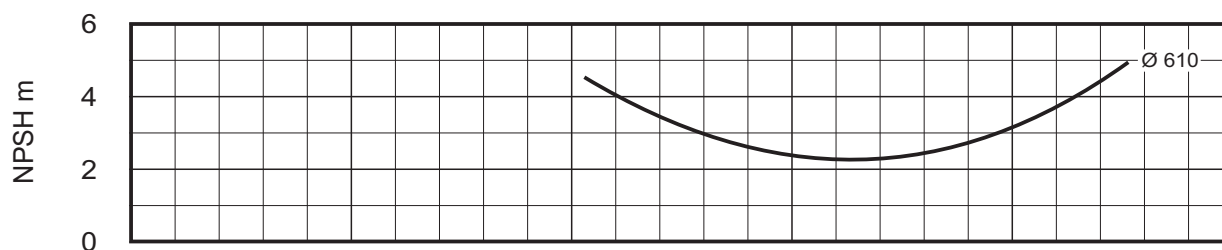
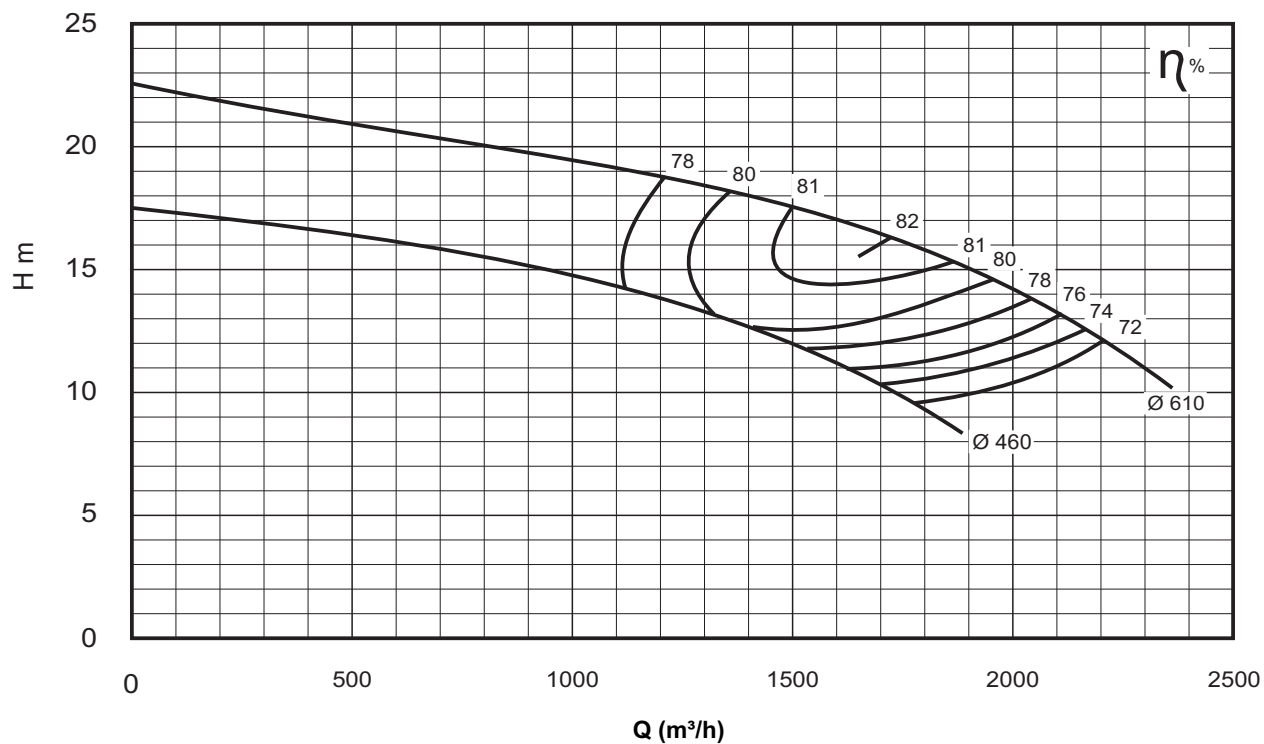
Rotor Máximo	Ø 400	mm
Rotor Mínimo	Ø 340	mm
Viscosidade	$\mu = 1$	cP

Flange de Sucção	550	mm
Flange de Pressão	254	mm
Peso Específico	$\gamma = 1$	kgf/dm³



VTI - 24

595 RPM



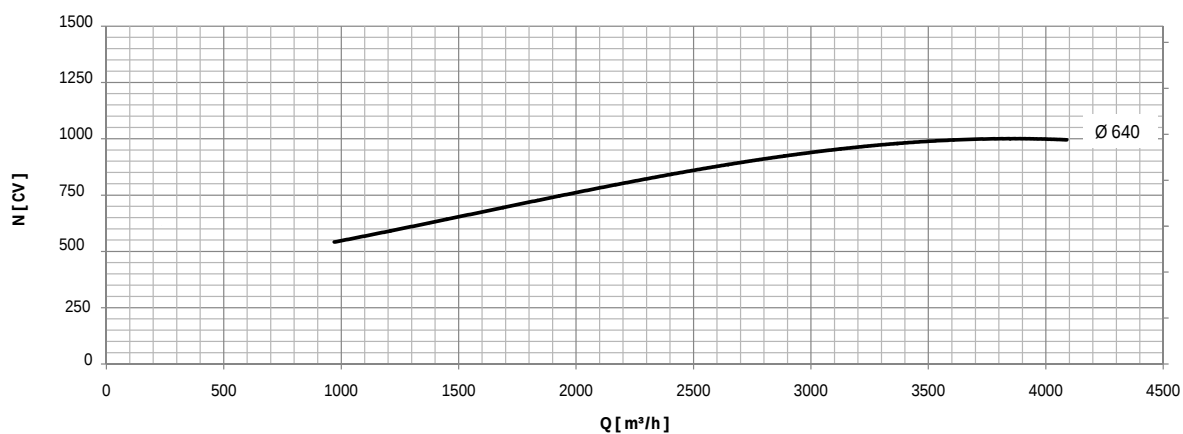
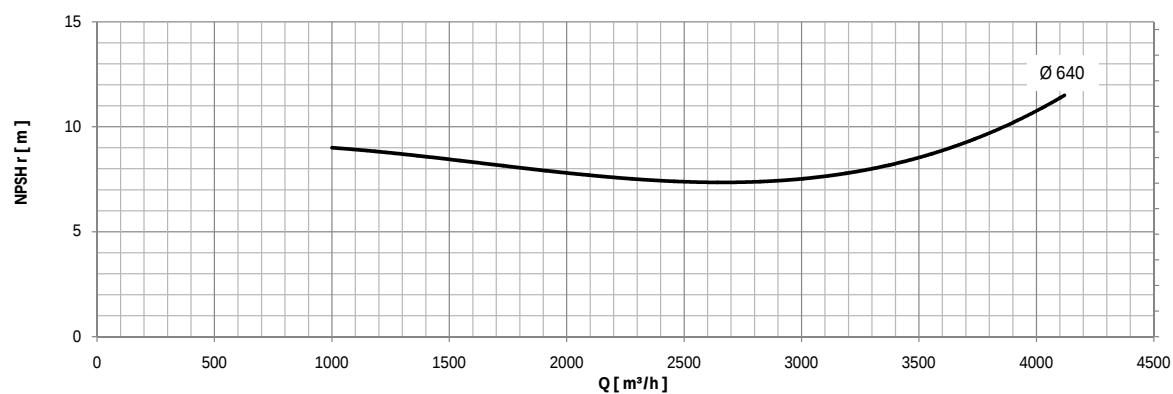
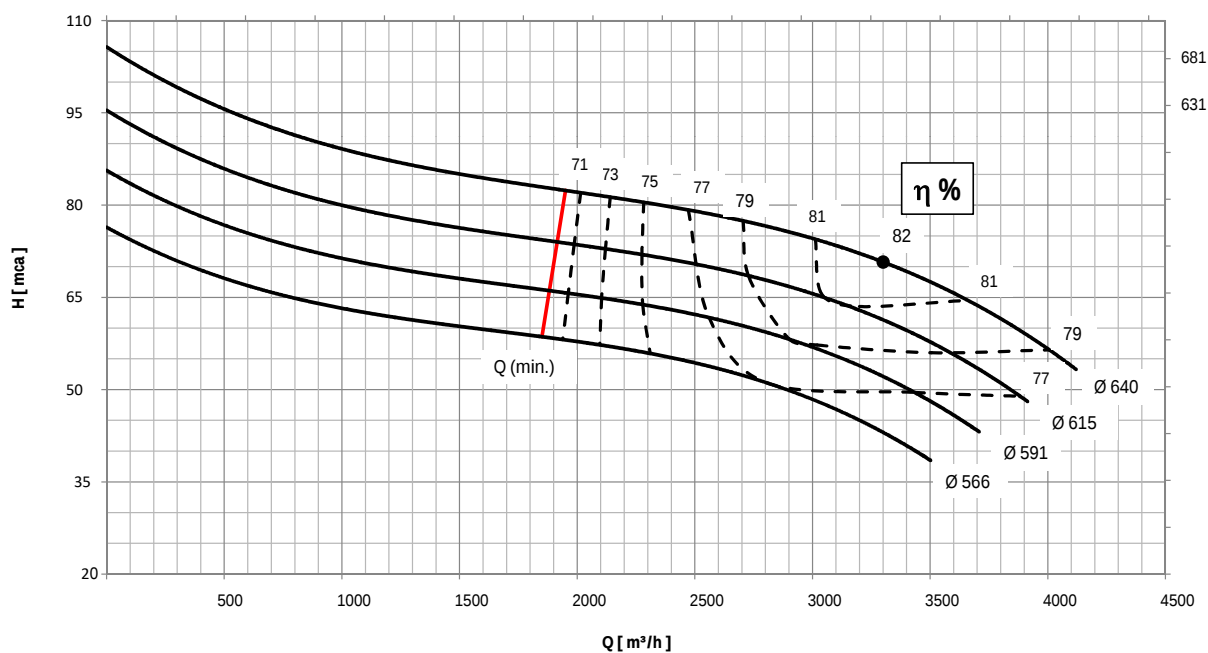
Rotor Ø Máximo 610 mm
Rotor Ø Mínimo 460mm
Viscosidade $\mu = 1\text{cP}$

Flange de Sucção 850 mm
Flange de Pressão 600 mm
Peso Específico $\gamma = 1\text{kgf/dm}^3$



VTI - 24 B

1180 RPM



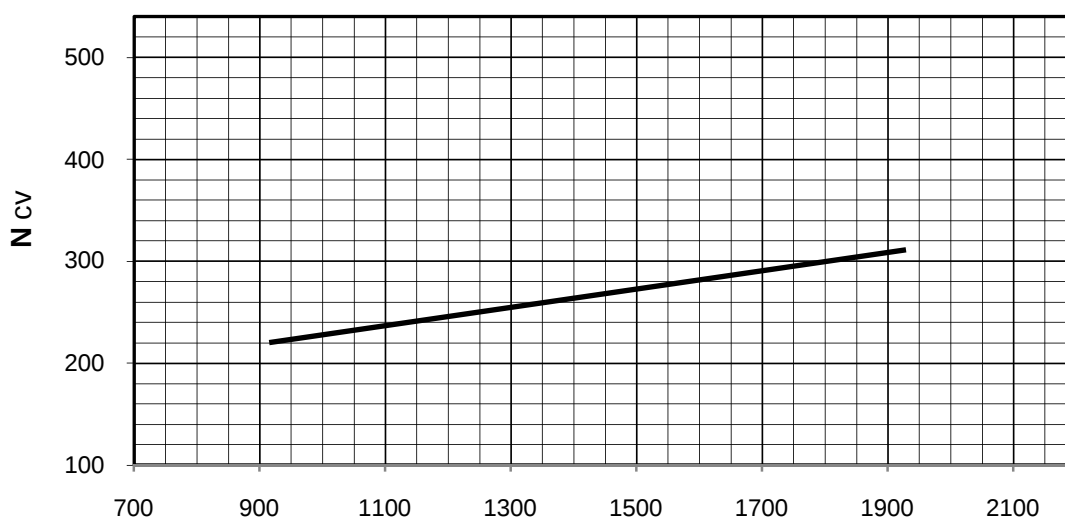
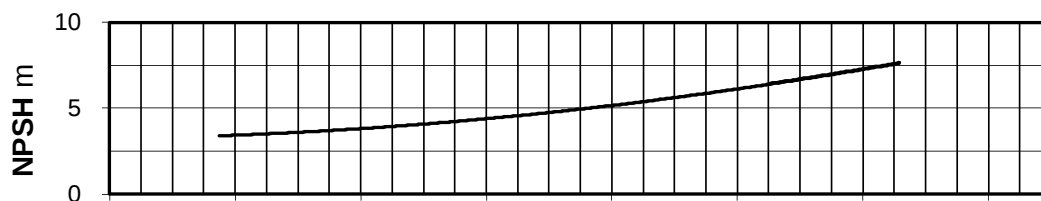
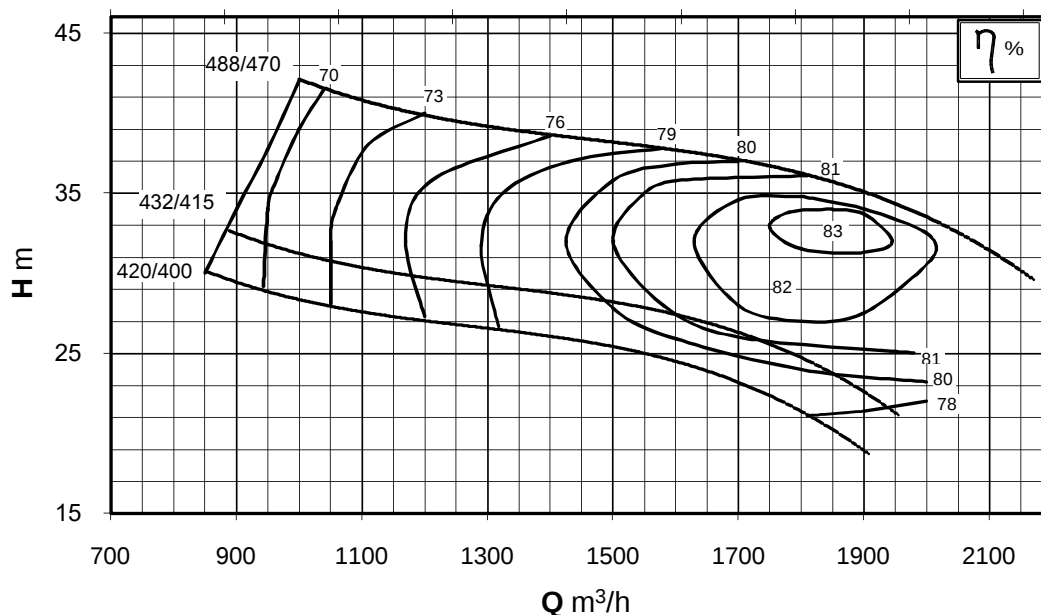
Rotor Máximo	Ø 640	mm
Rotor Mínimo	Ø 566	mm
Viscosidade	μ = 1	cP

Flange de Sucção	850	mm
Flange de Pressão	500	mm
Peso Específico	γ = 1	kgf/dm³



VTI 24 C

1190 RPM



Rotor Ø Máximo 488/470 mm
 Rotor Ø Mínimo 420/400 mm

Viscosidade $\mu = 1\text{cP}$
 Peso Específico $\gamma = 1\text{ kgf/dm}^3$