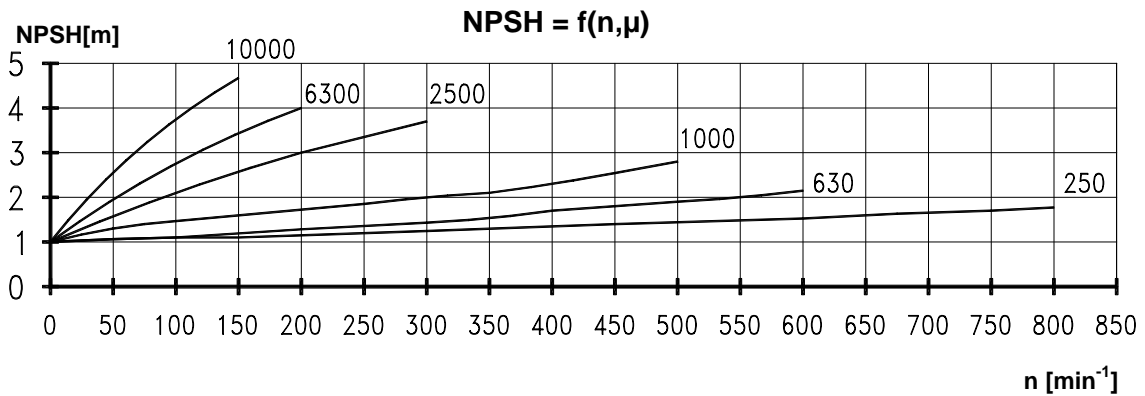
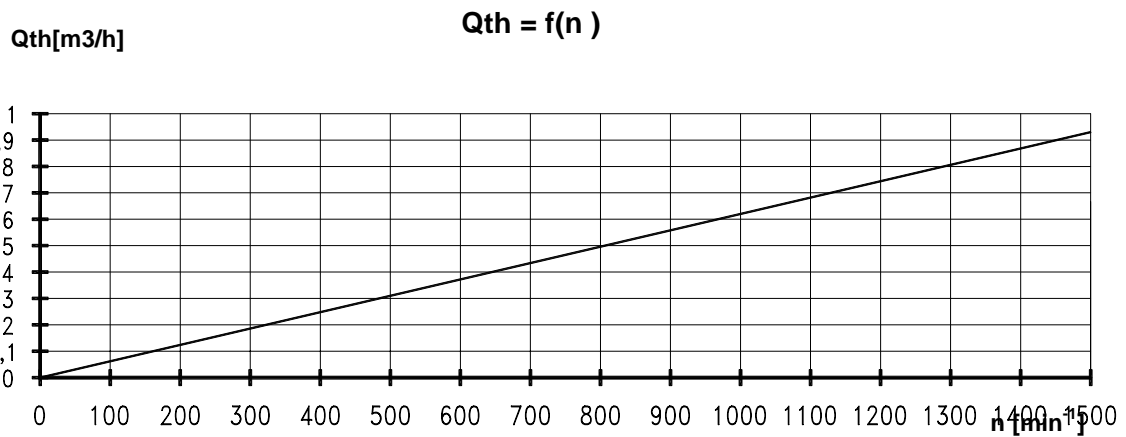
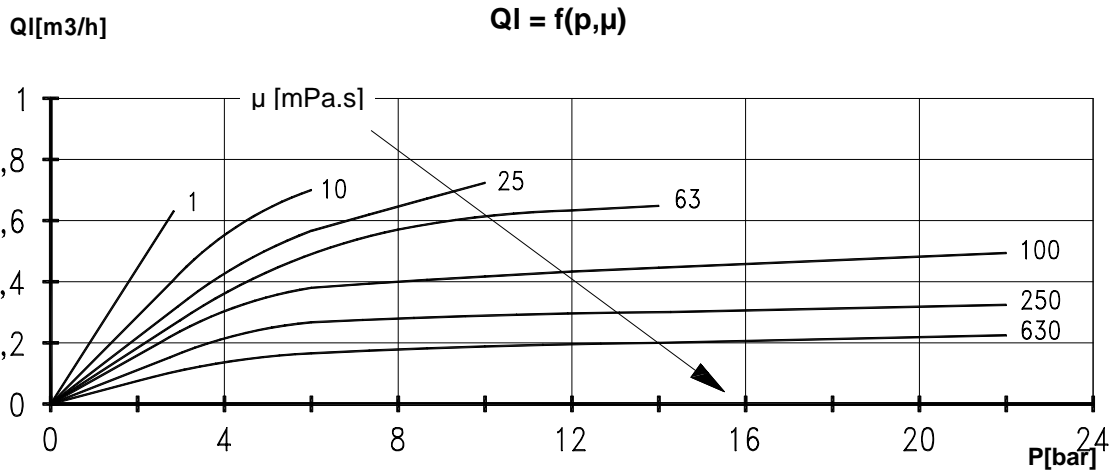




**CURVAS CARACTERISTICAS BOMBA LOBULAR**  
**PERFORMANCE CURVES LOBE PUMP**

**0-10**

<p>Tolerancia <math>\pm 5\%</math>          Permissible tolerance <math>\pm 5\%</math></p>	<p>— Trilóbulo/trilobe</p>	<p><math>\phi</math> Boca asp/Pump inlet <u>10 mm</u>  <math>\phi</math> Boca imp/Pump outlet <u>10 mm</u></p>	<p>Viscosidad          Viscosity          -</p>
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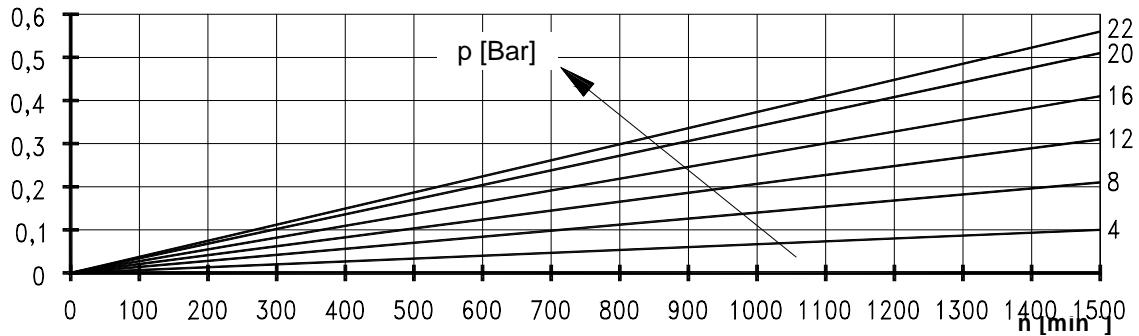


**CURVAS CARACTERISTICAS BOMBA LOBULAR**  
**PERFORMANCE CURVES LOBE PUMP**

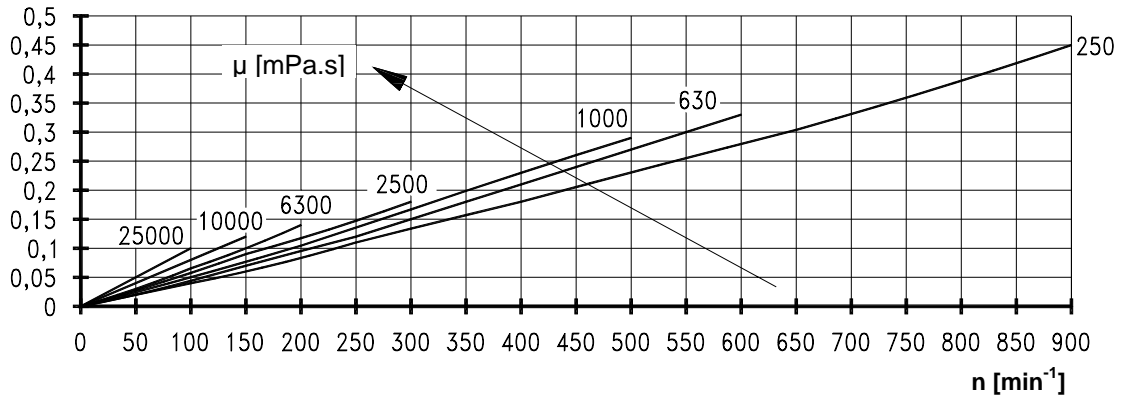
**0-10**

<p>Tolerancia <math>\pm 5\%</math>          Permissible tolerance <math>\pm 5\%</math></p>	<p>— Trilóbulo/trilobe</p>	<p><math>\phi</math> Boca asp/Pump inlet <u>10 mm</u>  <math>\phi</math> Boca imp/Pump outlet <u>10 mm</u></p>	<p>Viscosidad          Viscosity          —</p>
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**Pth[kW]** **Pth = f(n,p)**



**Pv[kW]** **Pv = f(n,μ)**

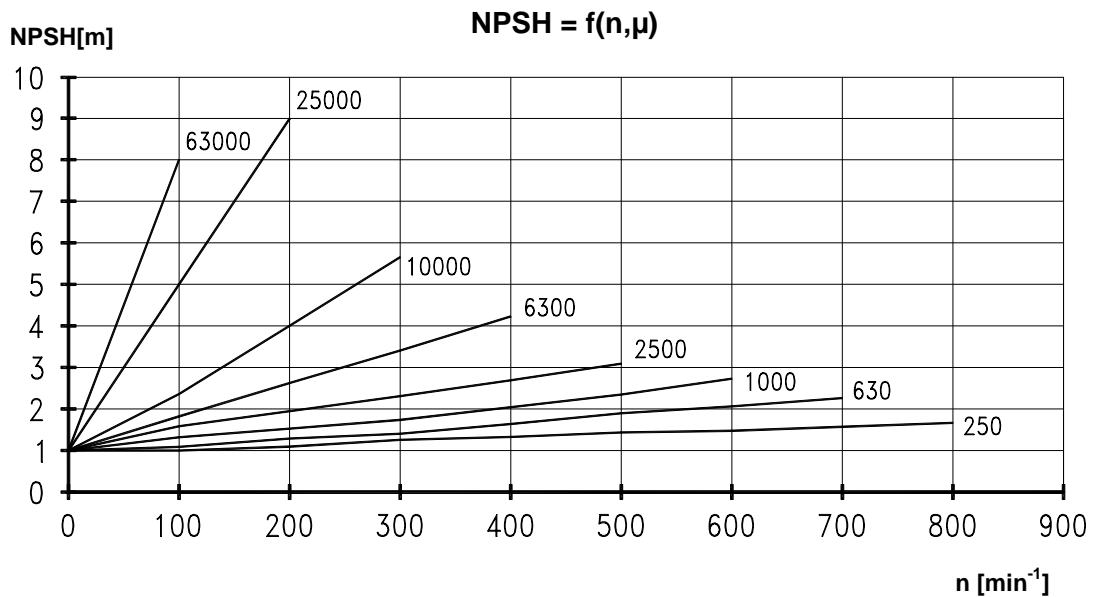
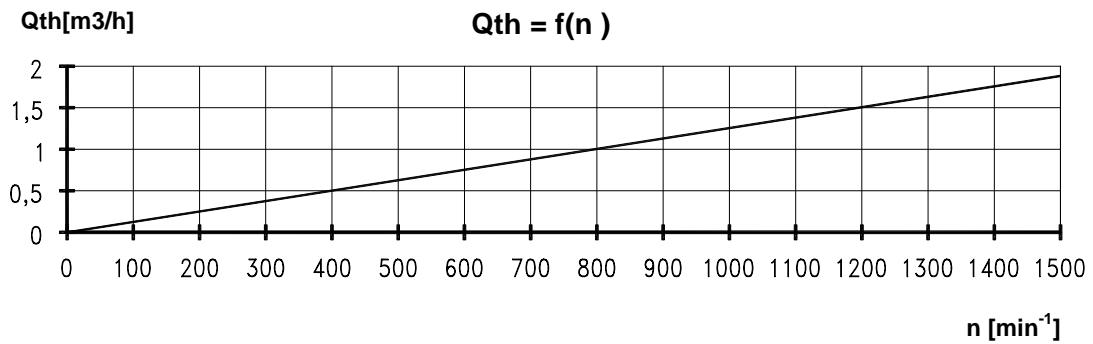
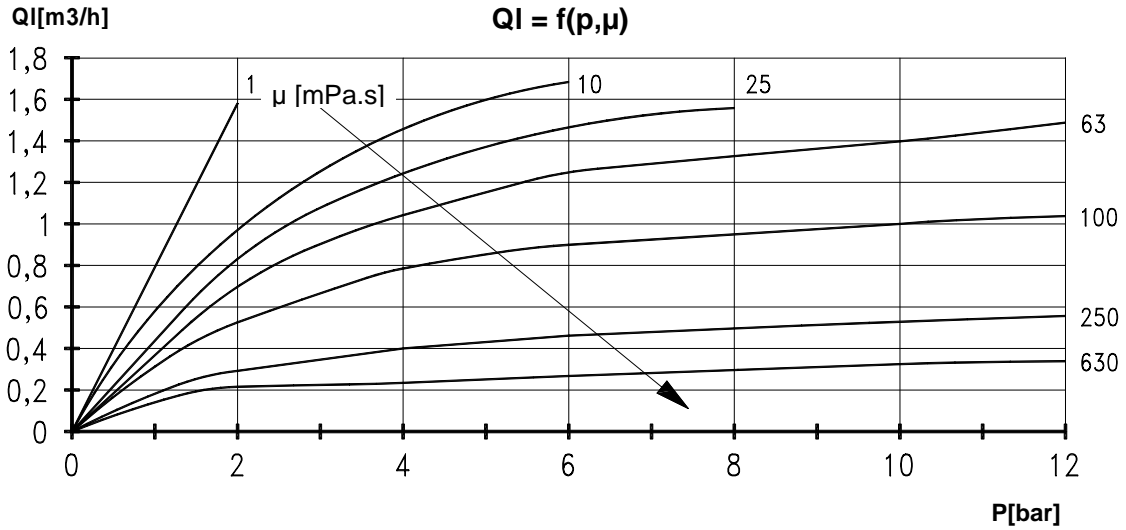




# CURVAS CARACTERISTICAS BOMBA LOBULAR PERFORMANCE CURVES LOBE PUMP

# 0-20

Tolerancia $\pm 5\%$ Permissible tolerance $\pm 5\%$	— Trilóbulo/trilobe	$\phi$ Boca asp/Pump inlet <span style="float: right;">20 mm</span> $\phi$ Boca imp/Pump outlet <span style="float: right;">20 mm</span>	Viscosidad Viscosity —
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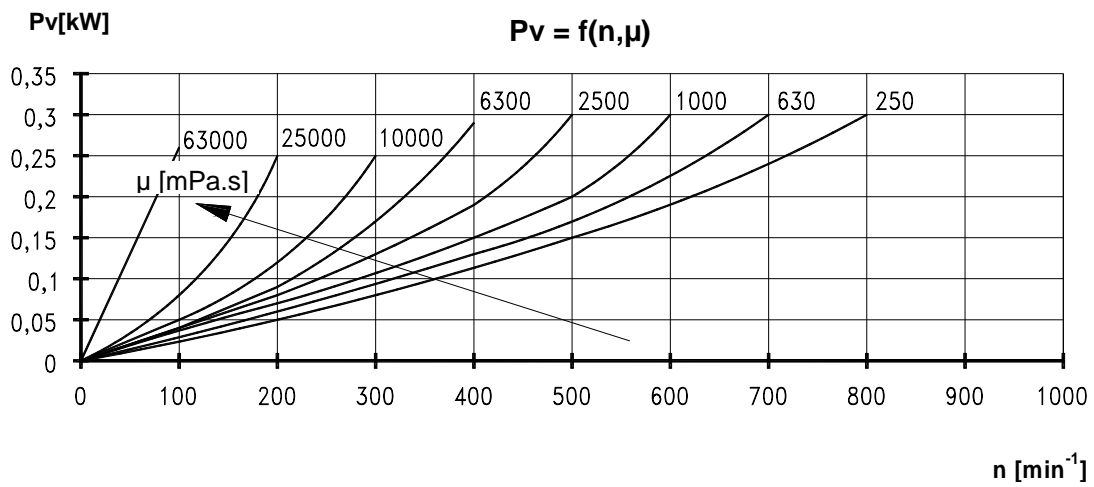
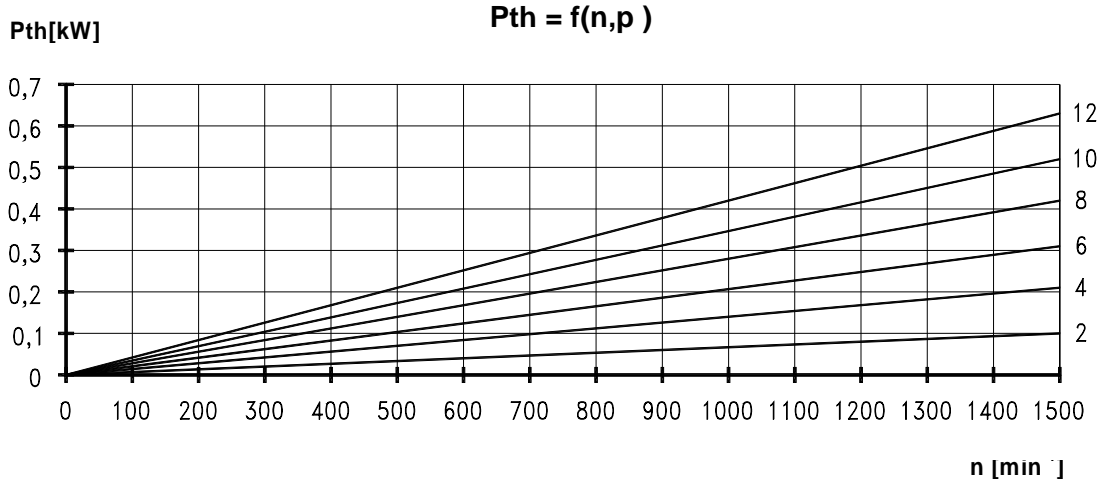




**CURVAS CARACTERISTICAS BOMBA LOBULAR**  
**PERFORMANCE CURVES LOBE PUMP**

**0-20**

<p>Tolerancia <math>\pm 5\%</math>          Permissible tolerance <math>\pm 5\%</math></p>	<p>— Trilóbulo/trilobe</p>	<p><math>\phi</math> Boca asp/Pump inlet <u>20 mm</u>  <math>\phi</math> Boca imp/Pump outlet <u>20 mm</u></p>	<p>Viscosidad          Viscosity          —</p>
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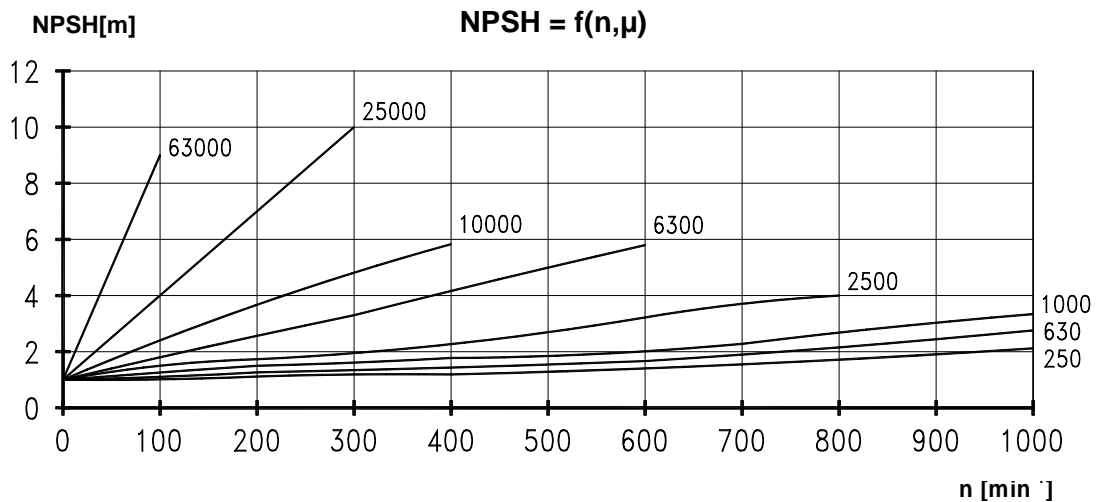
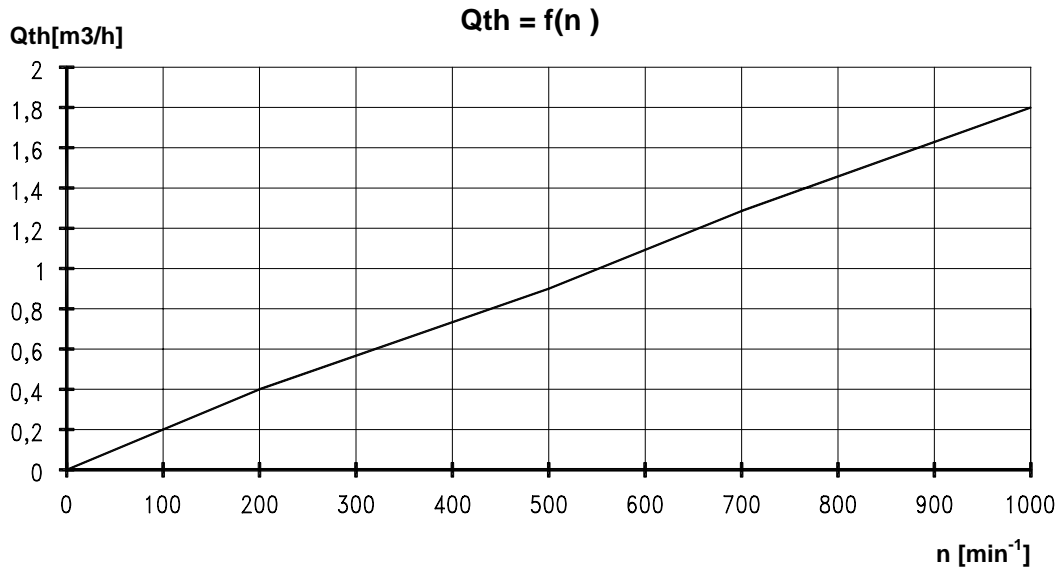
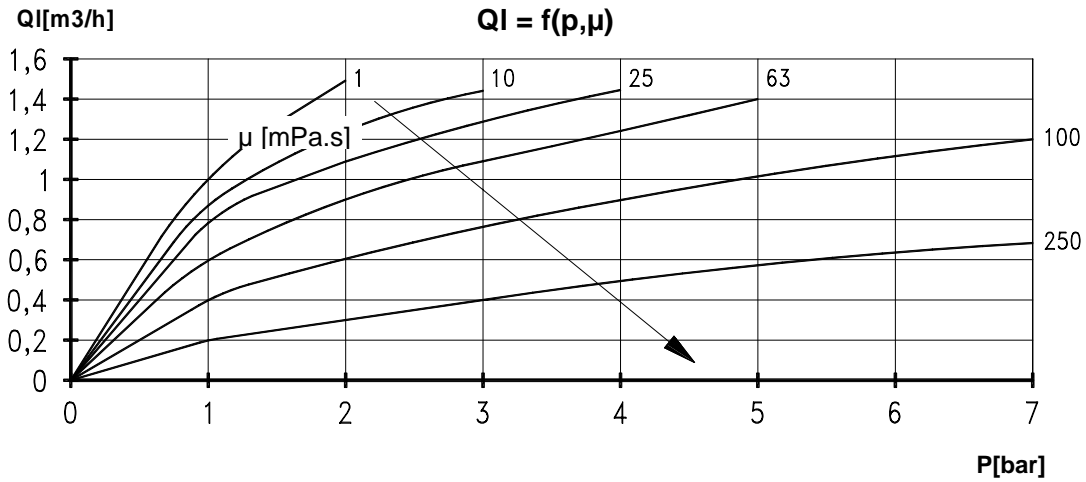




# CURVAS CARACTERISTICAS BOMBA LOBULAR PERFORMANCE CURVES LOBE PUMP

# 0-25

Tolerancia $\pm 5\%$ Permissible tolerance $\pm 5\%$	— Trilóbulo/trilobe	$\phi$ Boca asp/Pump inlet <span style="float: right;">25 mm</span> $\phi$ Boca imp/Pump outlet <span style="float: right;">25 mm</span>	Viscosidad Viscosity —
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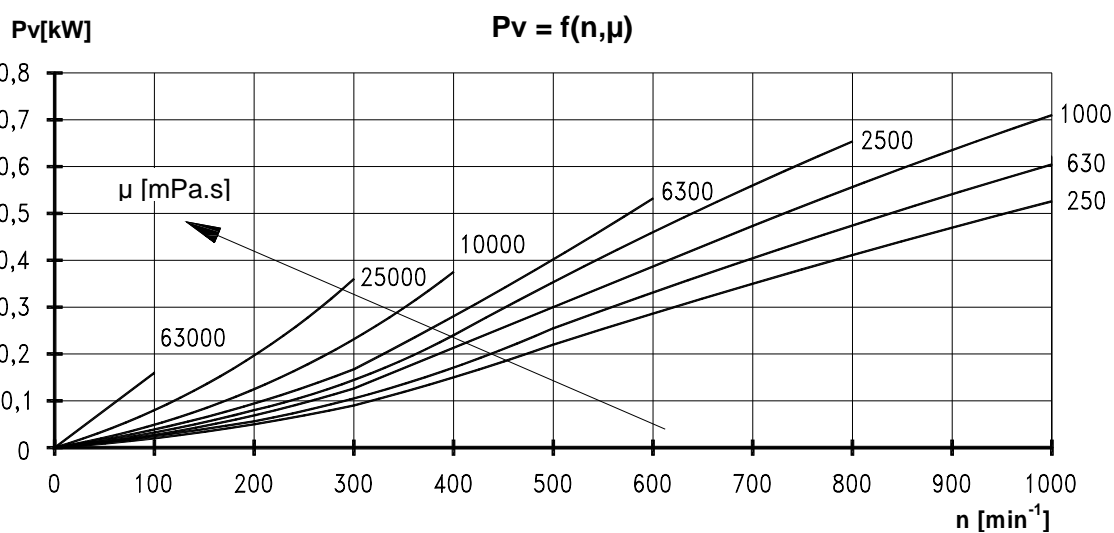
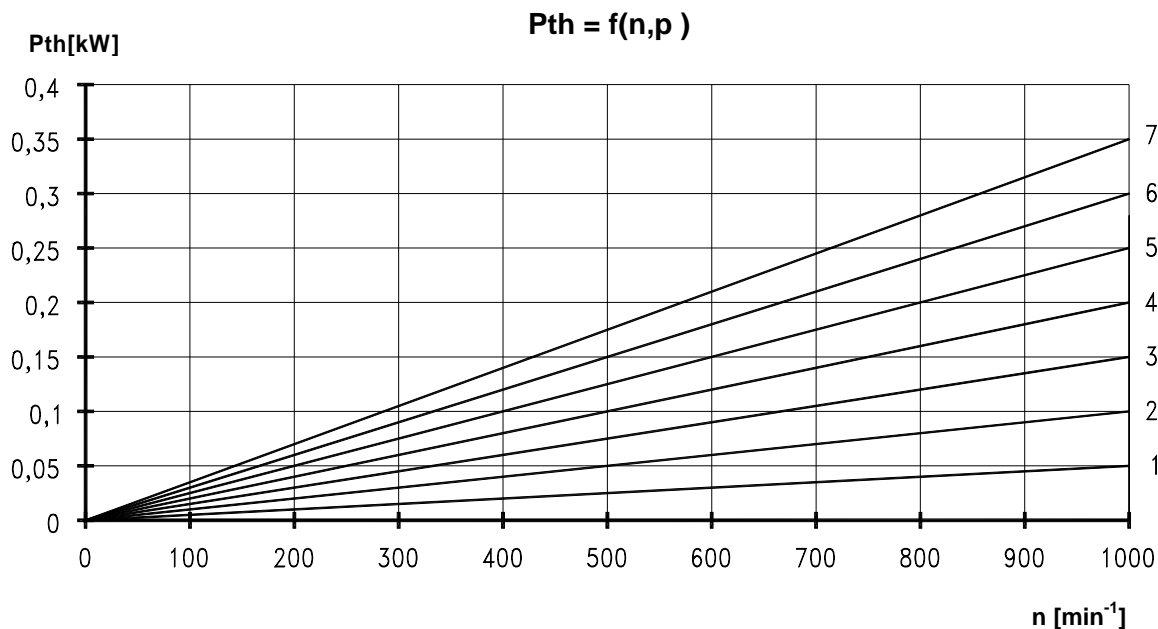




## CURVAS CARACTERISTICAS BOMBA LOBULAR PERFORMANCE CURVES LOBE PUMP

# 0-25

Tolerancia $\pm 5\%$ Permissible tolerance $\pm 5\%$	Trilóbulo/trilobe	$\phi$ Boca asp/Pump inlet <span style="float: right;">25 mm</span> $\phi$ Boca imp/Pump outlet <span style="float: right;">25 mm</span>	Viscosidad Viscosity -
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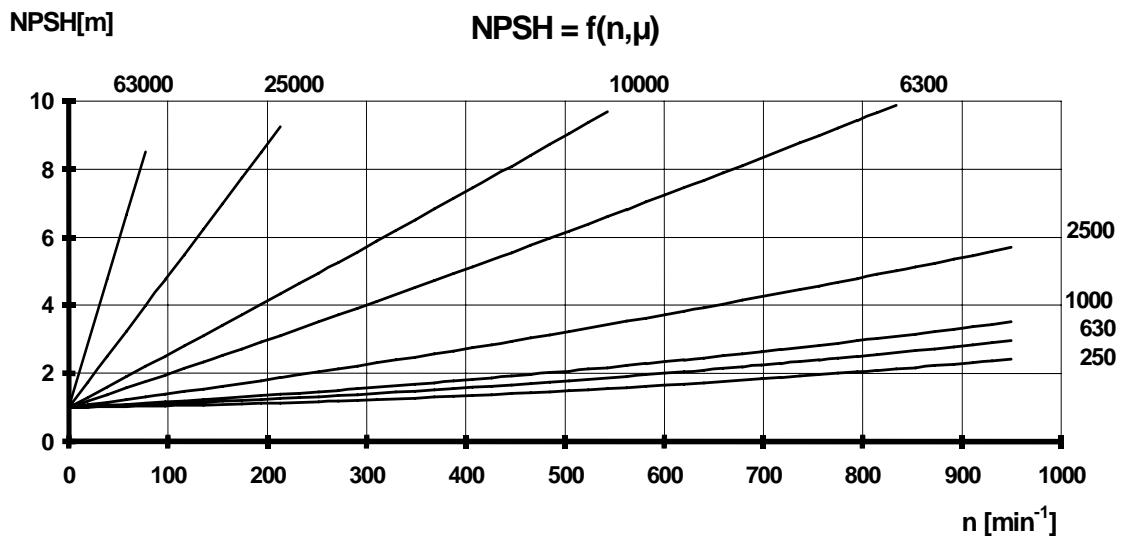
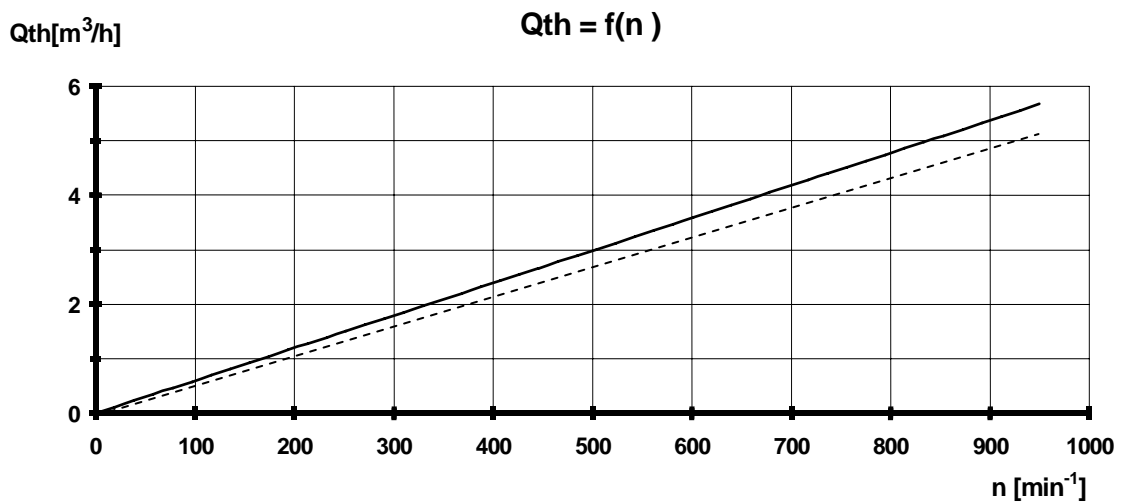
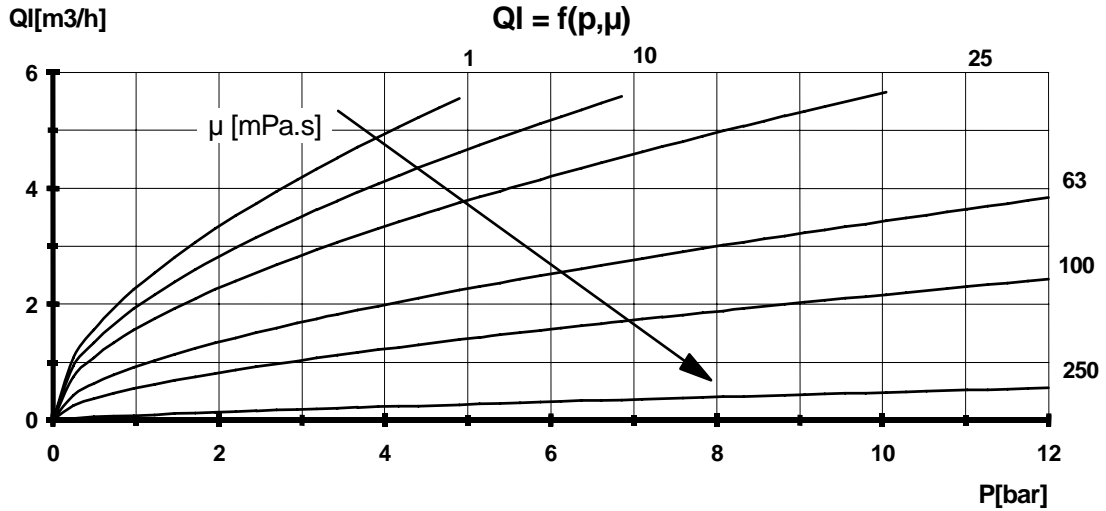




# CURVAS CARACTERISTICAS BOMBA LOBULAR PERFORMANCE CURVES LOBE PUMP

# 1-25

Tolerancia $\pm 5\%$ Permissible tolerance $\pm 5\%$	— Trilóbulo/trilobe - - - - - Lóbulo de cuña/winglobe	$\phi$ Boca asp/Pump inlet <span style="float: right;">25 mm</span> $\phi$ Boca imp/Pump outlet <span style="float: right;">25 mm</span>	Viscosidad Viscosity -
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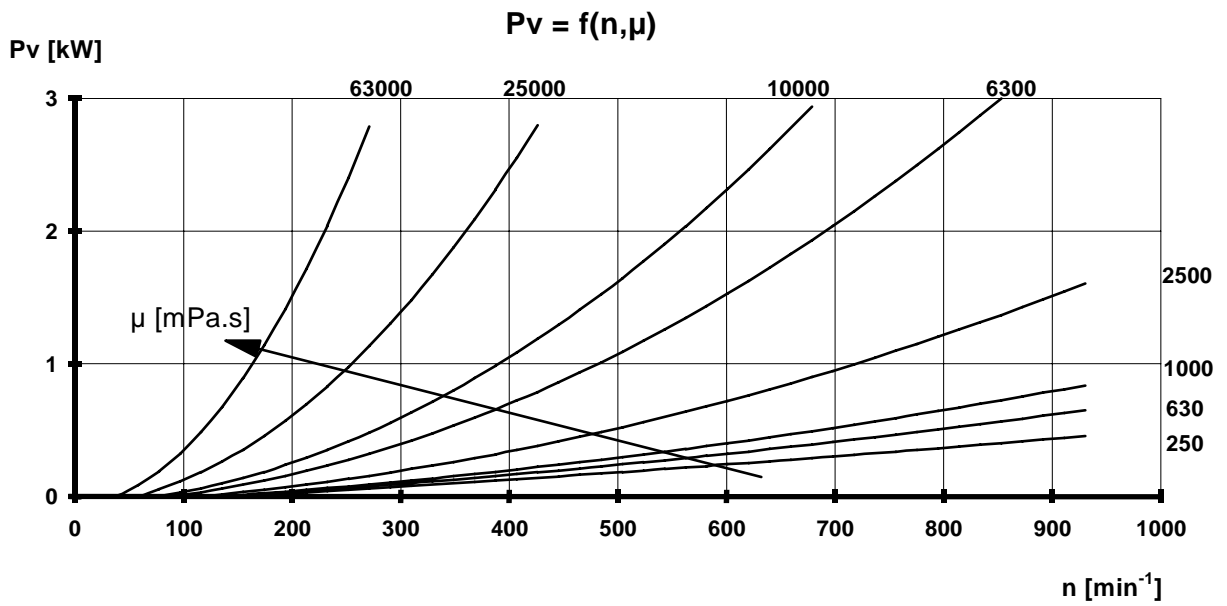
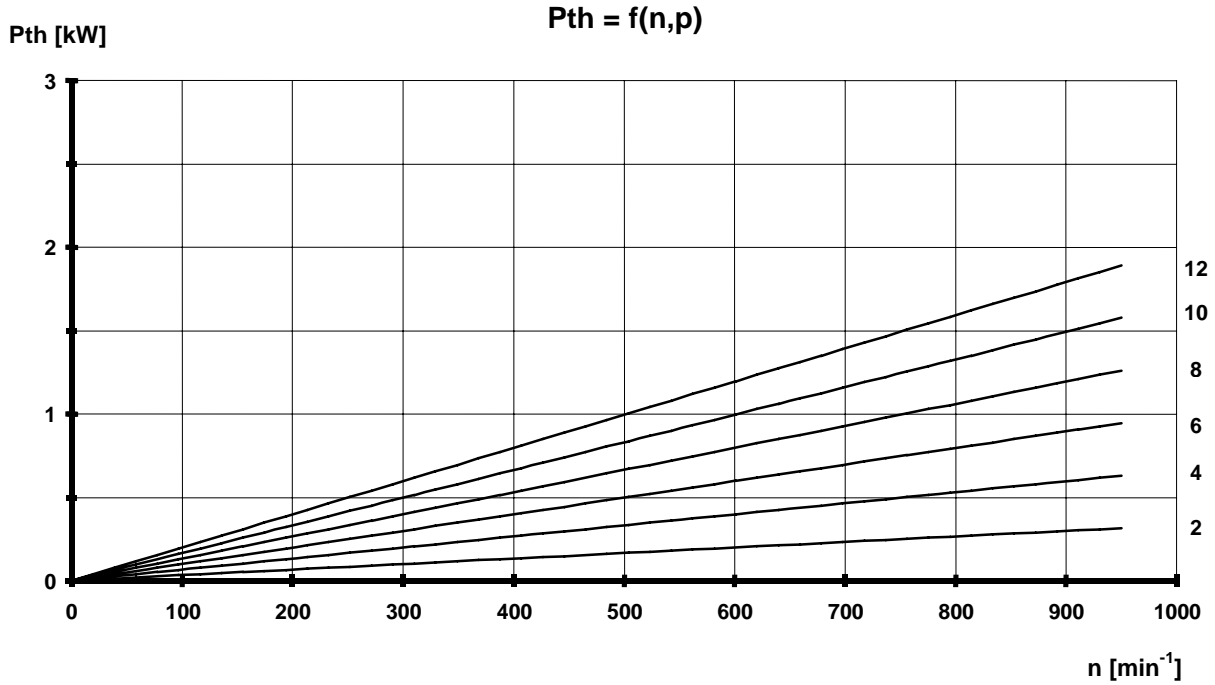




**CURVAS CARACTERISTICAS BOMBA LOBULAR**  
**PERFORMANCE CURVES LOBE PUMP**

**1-25**

Tolerancia $\pm 5\%$ Permissible tolerance $\pm 5\%$	— Trilóbulo/trilobe	$\phi$ Boca asp/Pump inlet <u>25 mm</u>	Viscosidad Viscosity —
	- - - - Lóbulo de cuña/winglobe	$\phi$ Boca imp/Pump outlet <u>25 mm</u>	



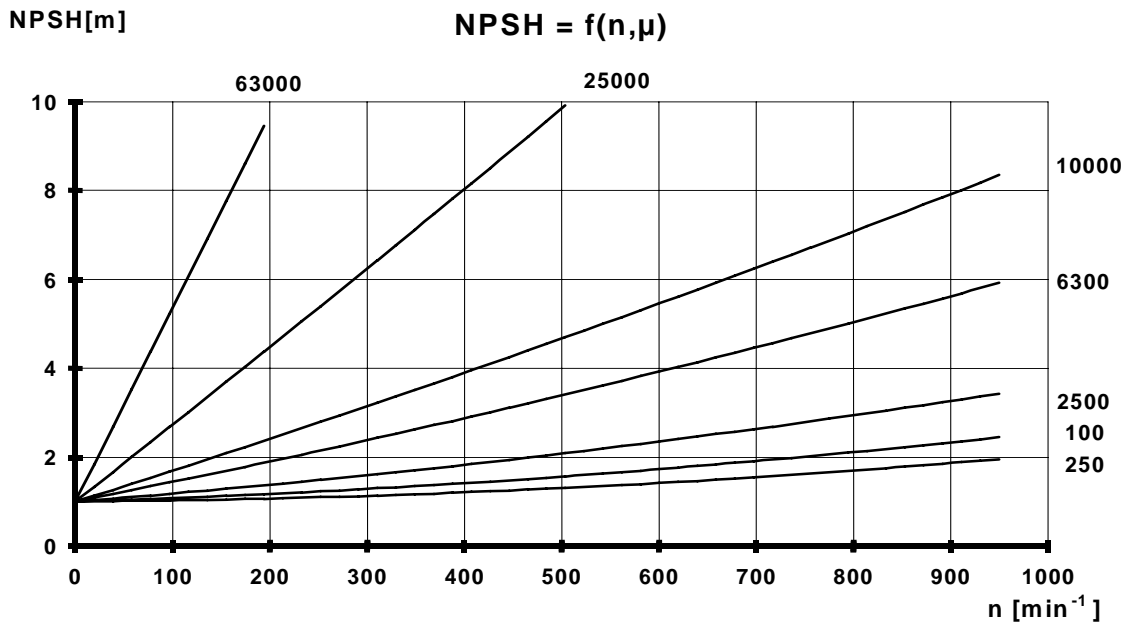
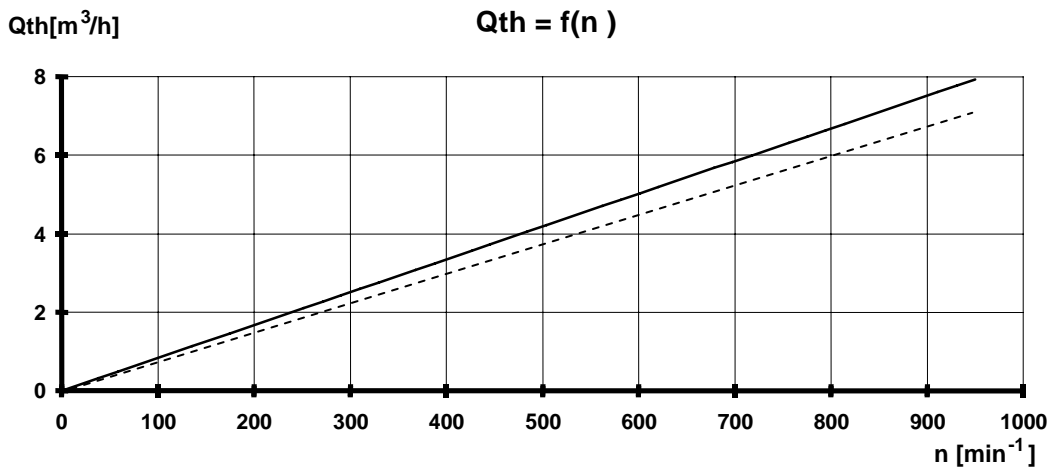
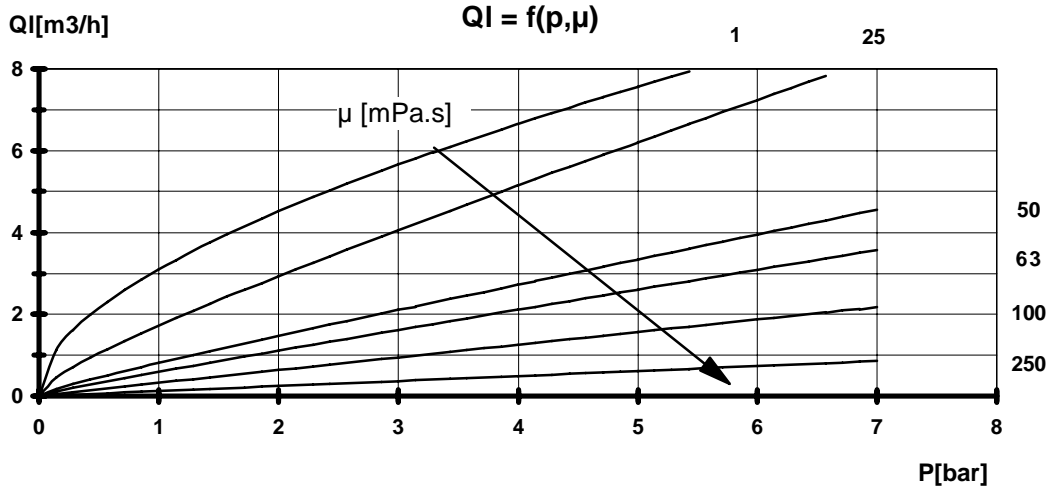




## CURVAS CARACTERISTICAS BOMBA LOBULAR PERFORMANCE CURVES LOBE PUMP

# 1-40

Tolerancia $\pm 5\%$ Permissible tolerance $\pm 5\%$	— Trilóbulo/trilobe - - - - Lóbulo de cuña/winglobe	$\phi$ Boca asp/Pump inlet    40 mm $\phi$ Boca imp/Pump outlet    40 mm	Viscosidad Viscosity -
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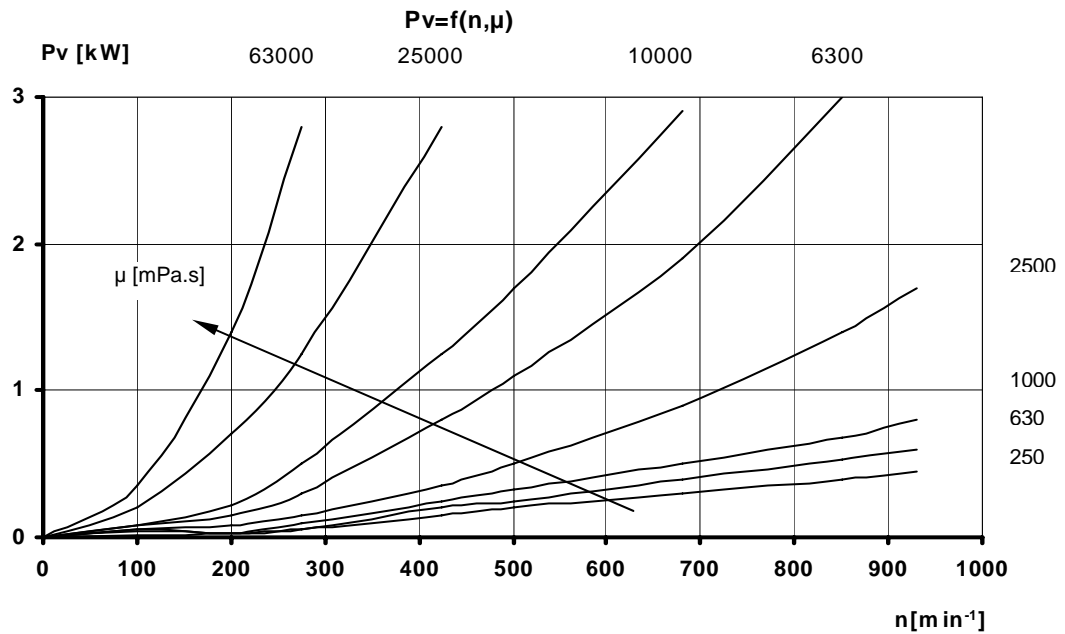
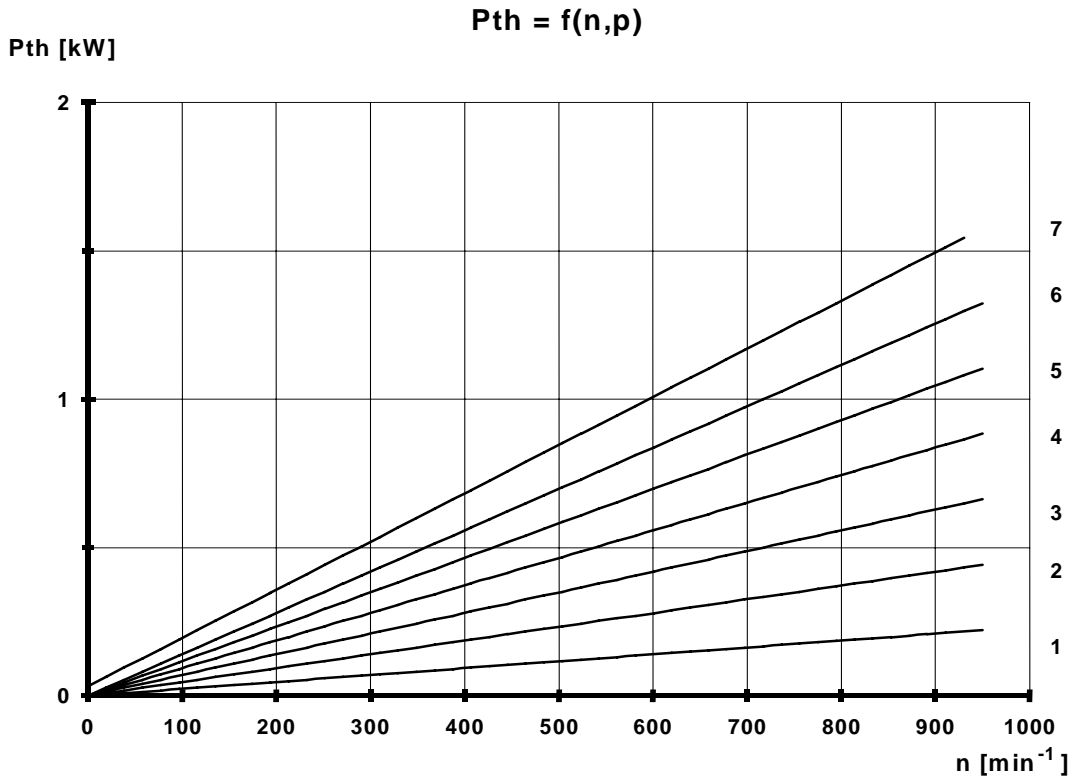




## CURVAS CARACTERISTICAS BOMBA LOBULAR PERFORMANCE CURVES LOBE PUMP

# 1-40

Tolerancia $\pm 5\%$ Permissible tolerance $\pm 5\%$	— Trilóbulo /trilobe - - - - Lóbulo de cuña/winglobe	$\phi$ Boca asp/Pump inlet     40 mm $\phi$ Boca imp/Pump outlet     40 mm	Viscosidad Viscosity -
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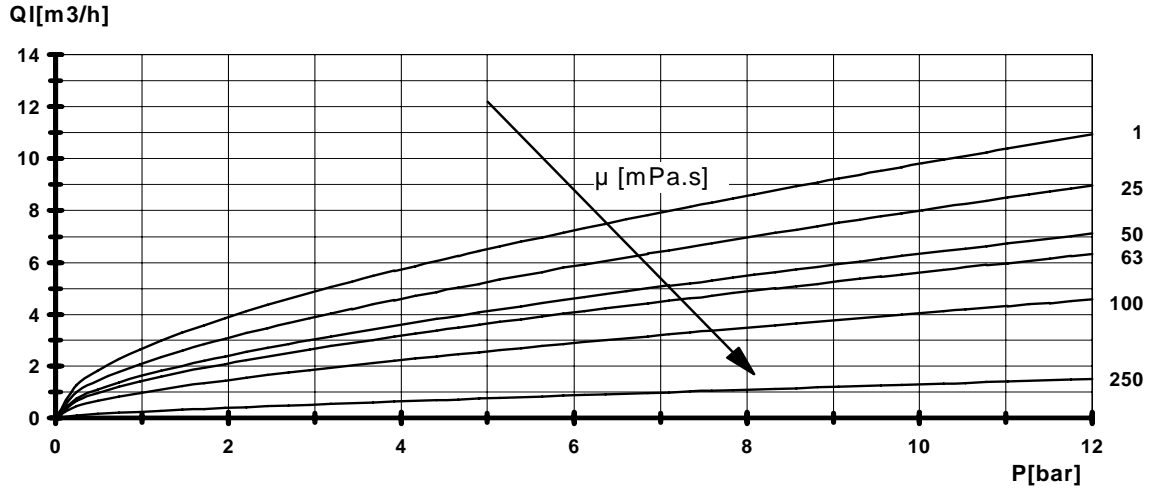
# CURVAS CARACTERISTICAS BOMBA LOBULAR

## PERFORMANCE CURVES LOBE PUMP

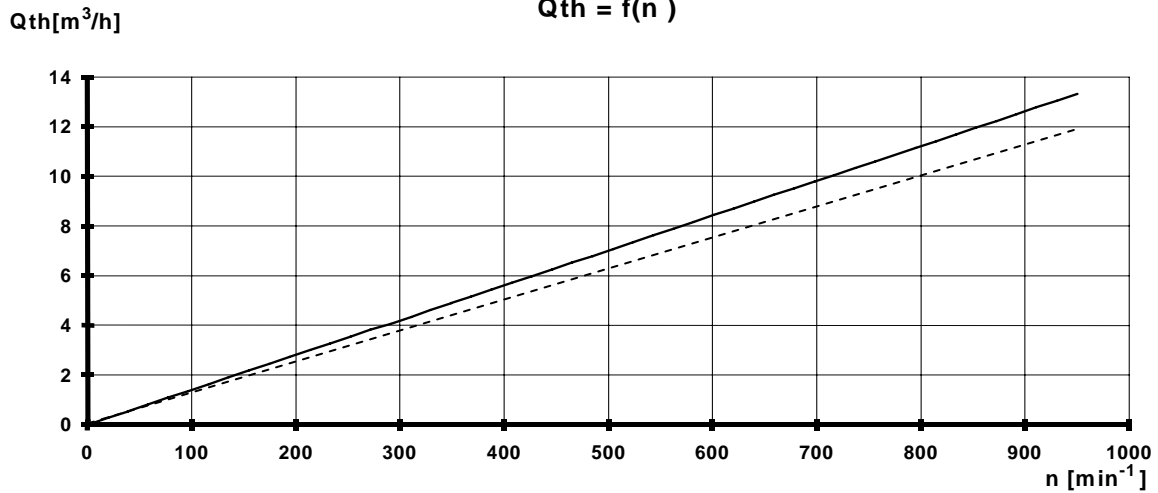
# 2-40

Tolerancia $\pm 5\%$ Permissible tolerance $\pm 5\%$	—— Trilóbulo /trilobe	$\phi$ Boca asp/Pump inlet	40 mm	Viscosidad Viscosity —
	- - - - Lóbulo de cuña/winglobe	$\phi$ Boca imp/Pump outlet	40 mm	

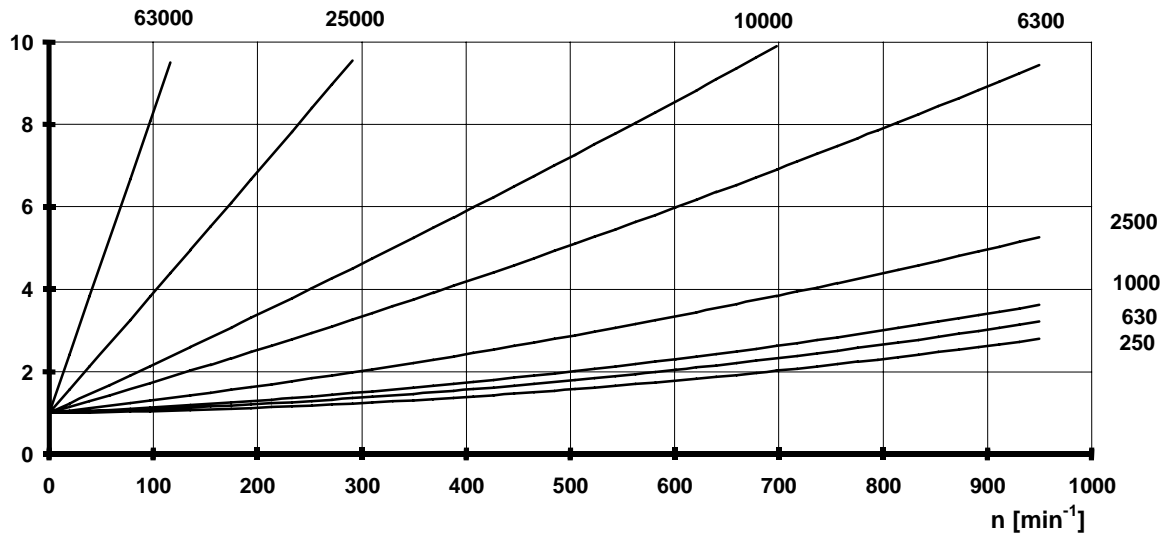
$$QI = f(p, \mu)$$



$$Q_{th} = f(n)$$



$$NPSH = f(n, \mu)$$

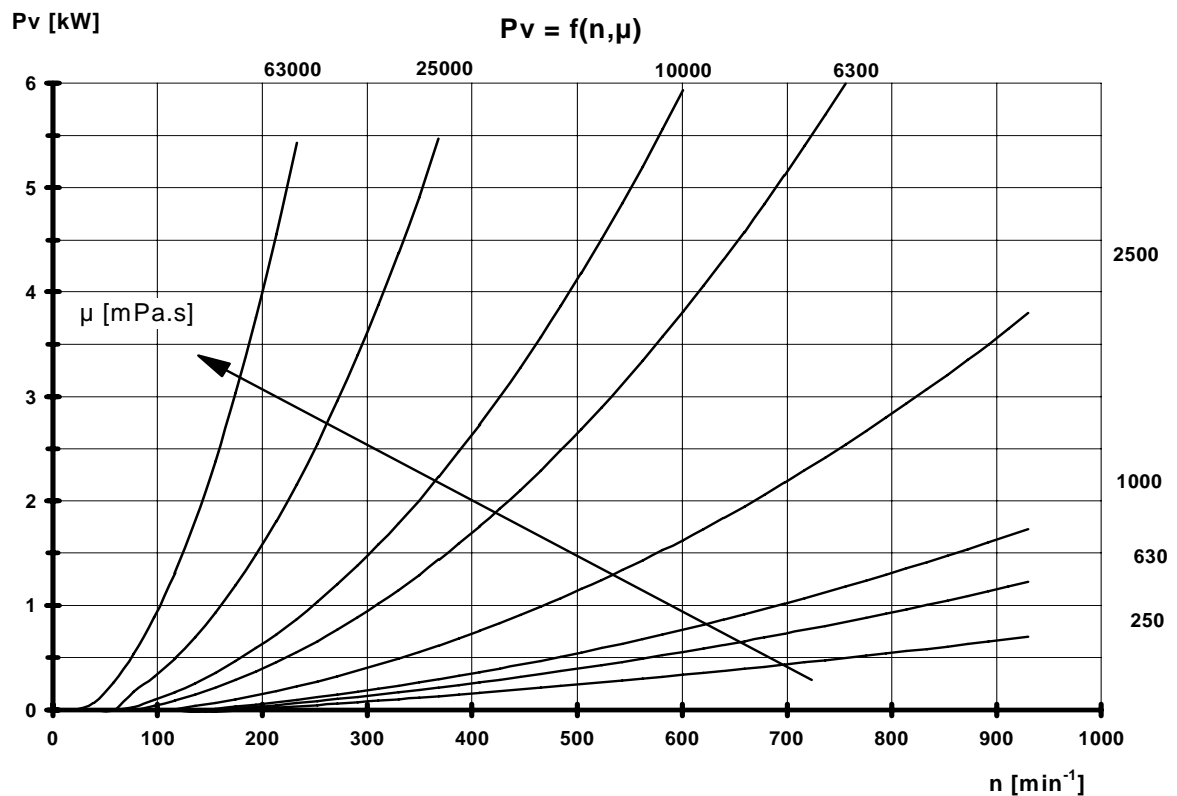
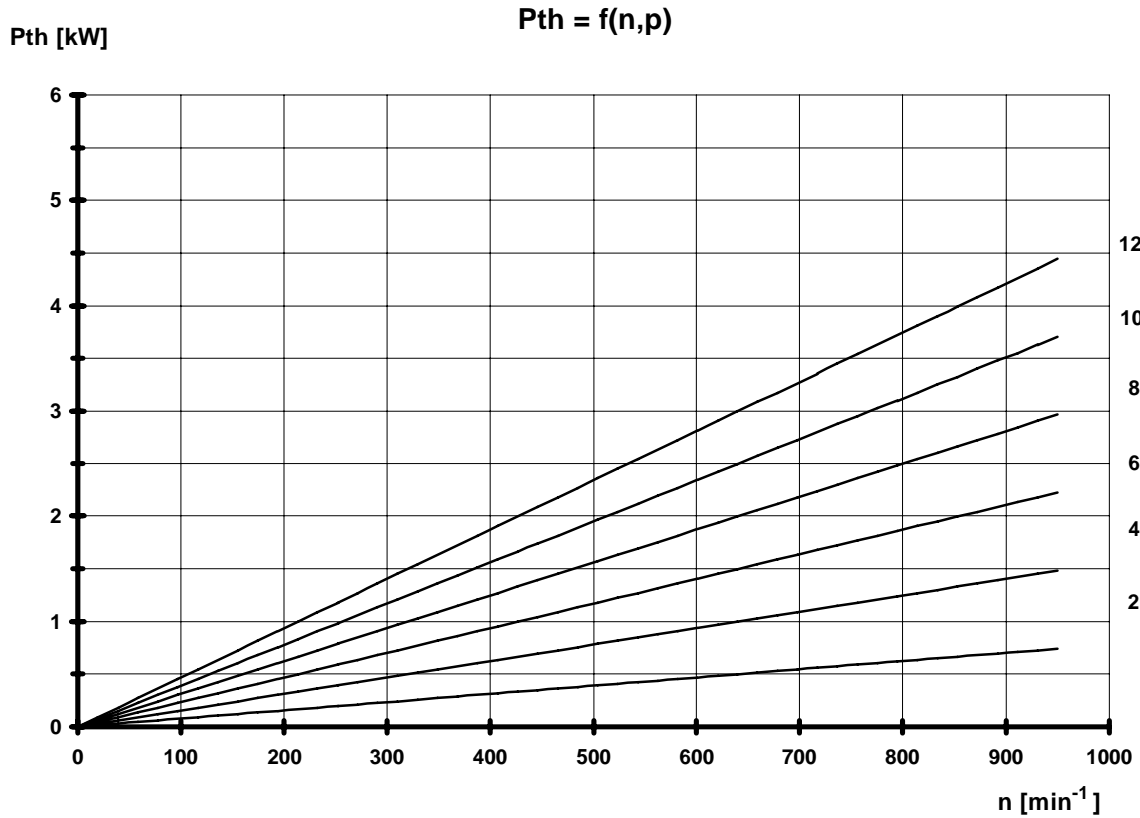




# CURVAS CARACTERISTICAS BOMBA LOBULAR 2-40

## PERFORMANCE CURVES LOBE PUMP

Tolerancia $\pm 5\%$ Permissible tolerance $\pm 5\%$	— Trilóbulo/trilobe - - - - Lóbulo de cuña/winglobe	$\phi$ Boca asp/Pump inlet <span style="float: right;">40 mm</span> $\phi$ Boca imp/Pump outlet <span style="float: right;">40 mm</span>	Viscosidad Viscosity -
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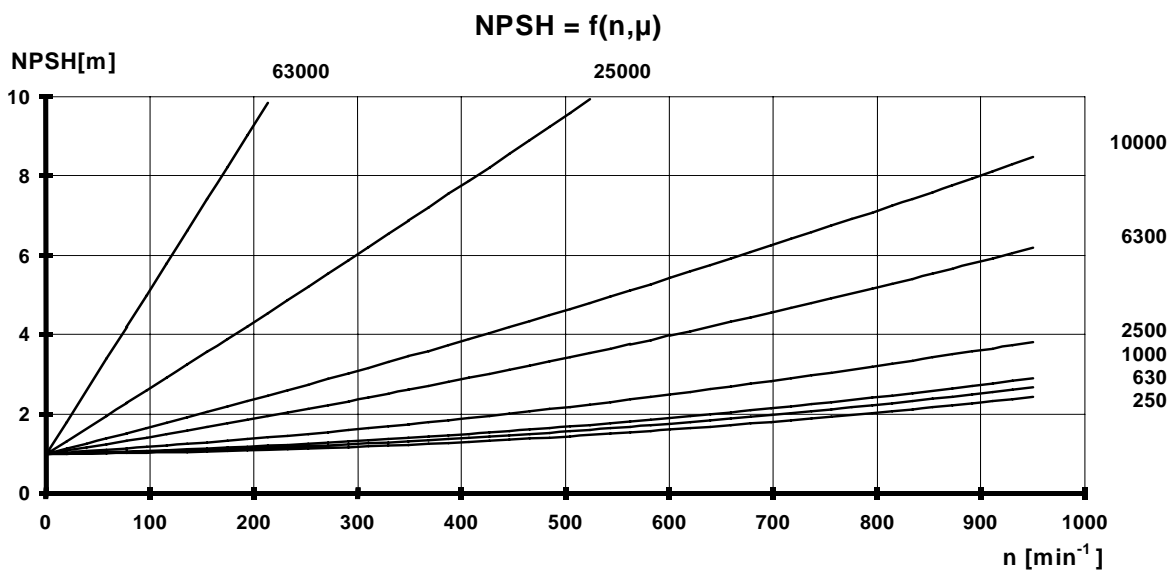
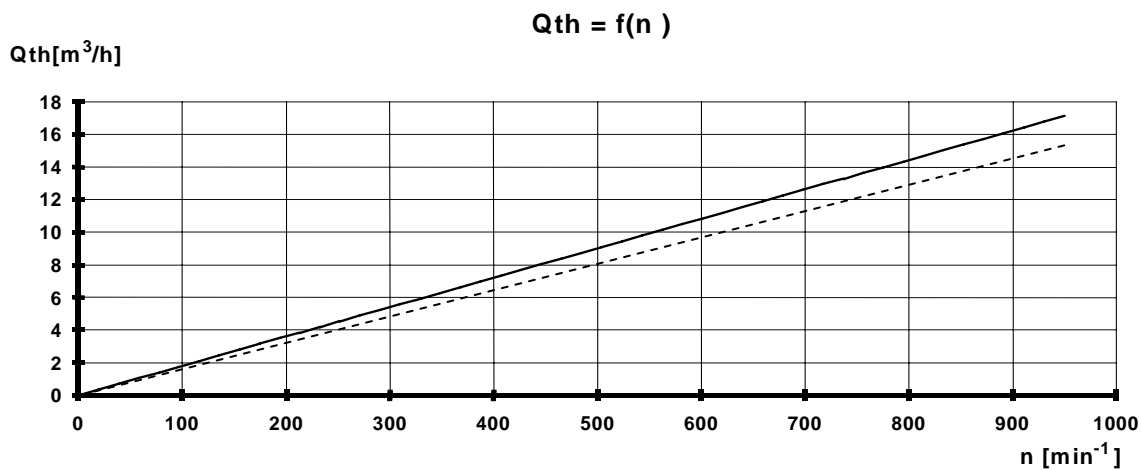
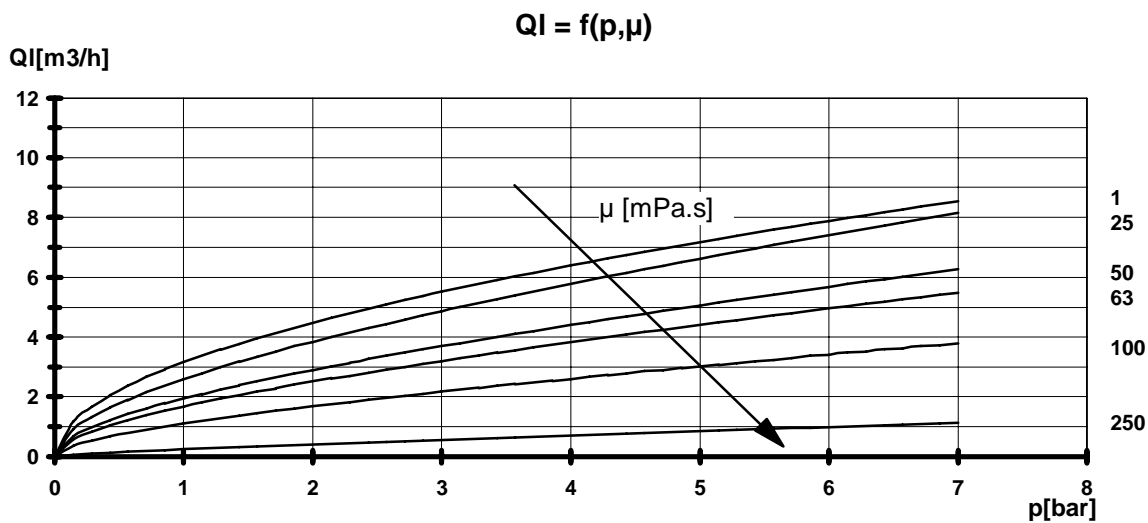




# CURVAS CARACTERISTICAS BOMBA LOBULAR 2-50

## PERFORMANCE CURVES LOBE PUMP

Tolerancia $\pm 5\%$ Permissible tolerance $\pm 5\%$	— Trilóbulo/trilobe - - - - Lóbulo de cuña/winglobe	$\phi$ Boca asp/Pump inlet <span style="float: right;">50 mm</span> $\phi$ Boca imp/Pump outlet <span style="float: right;">50 mm</span>	Viscosidad Viscosity -
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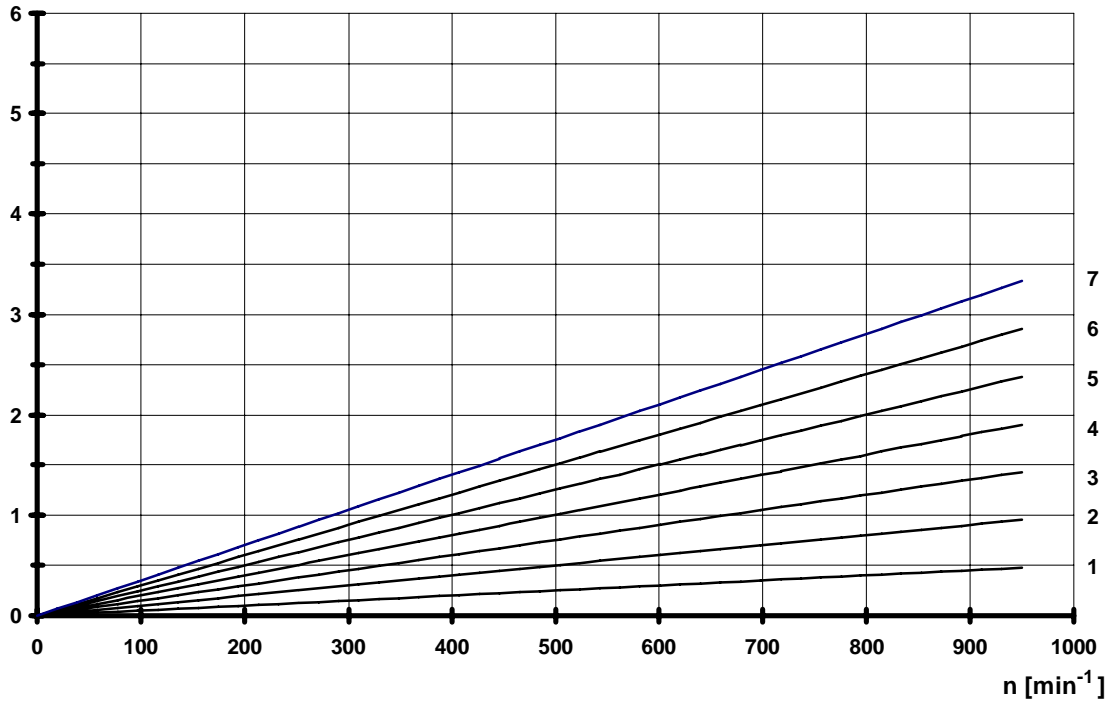
# CURVAS CARACTERISTICAS BOMBA LOBULAR 2-50

## PERFORMANCE CURVES LOBE PUMP

Tolerancia $\pm 5\%$ Permissible tolerance $\pm 5\%$	— Trilóbulo/trilobe - - - - Lóbulo de cuña/winglobe	$\phi$ Boca asp/Pump inlet <span style="float: right;">50 mm</span> $\phi$ Boca imp/Pump outlet <span style="float: right;">50 mm</span>	Viscosidad Viscosity -
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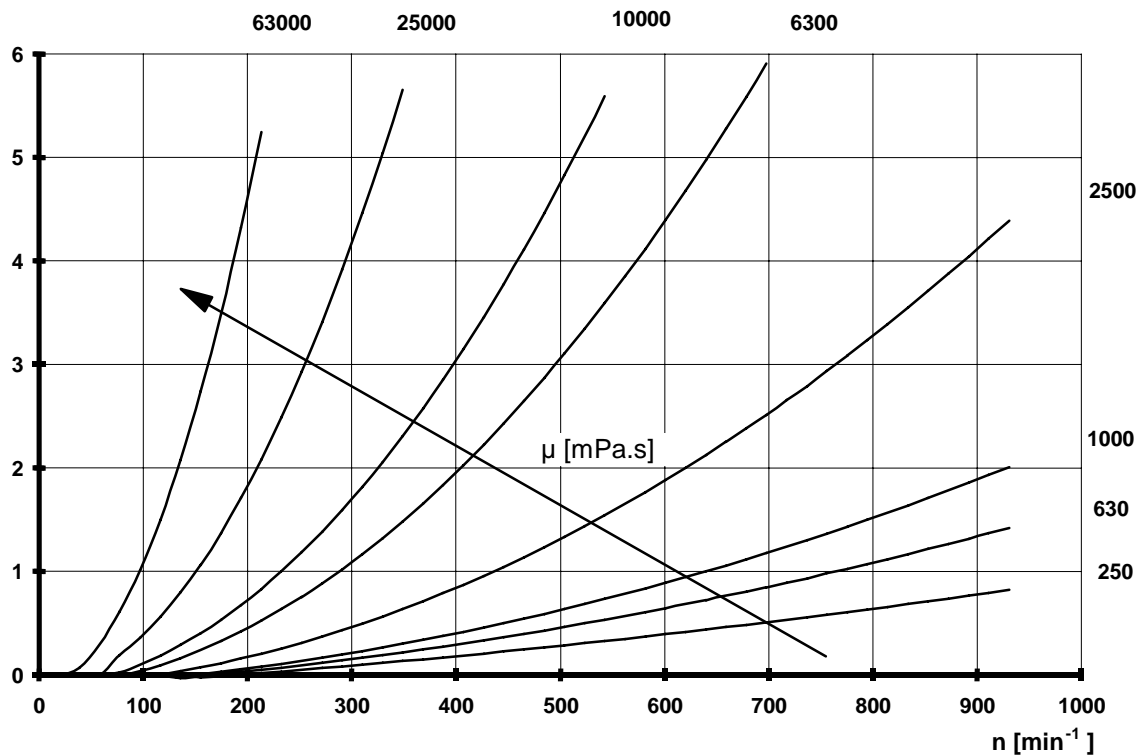
$P_{th} = f(n, p)$

$P_{th}$  [kW]



$P_v = f(n, \mu)$

$P_v$  [kW]



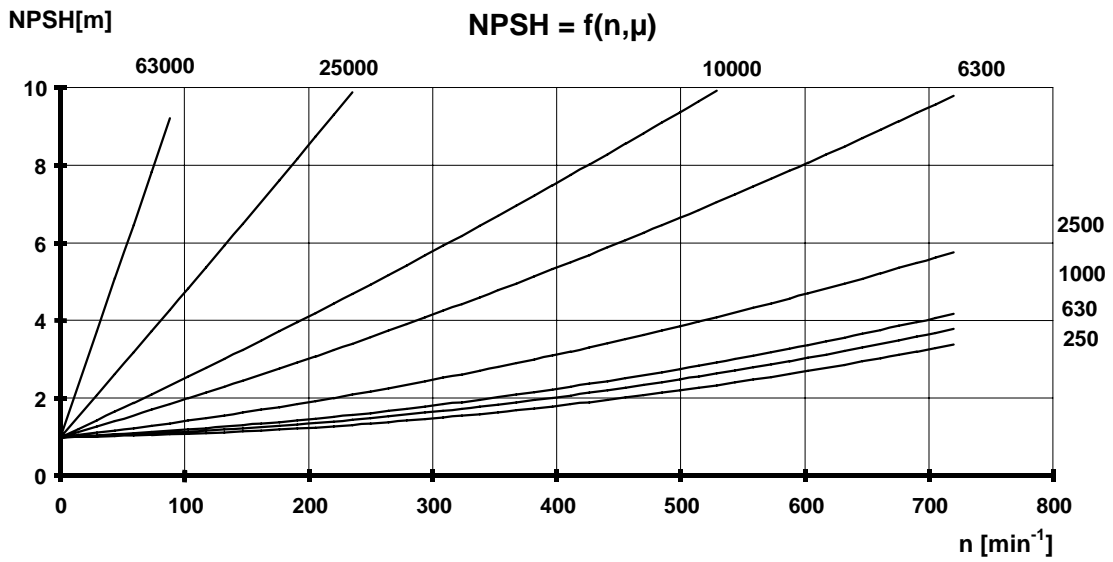
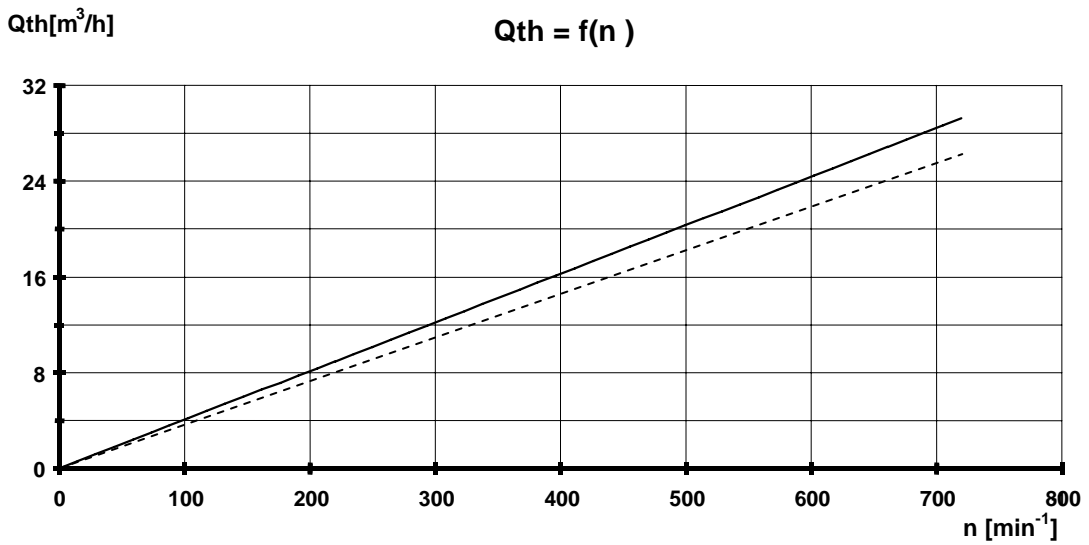
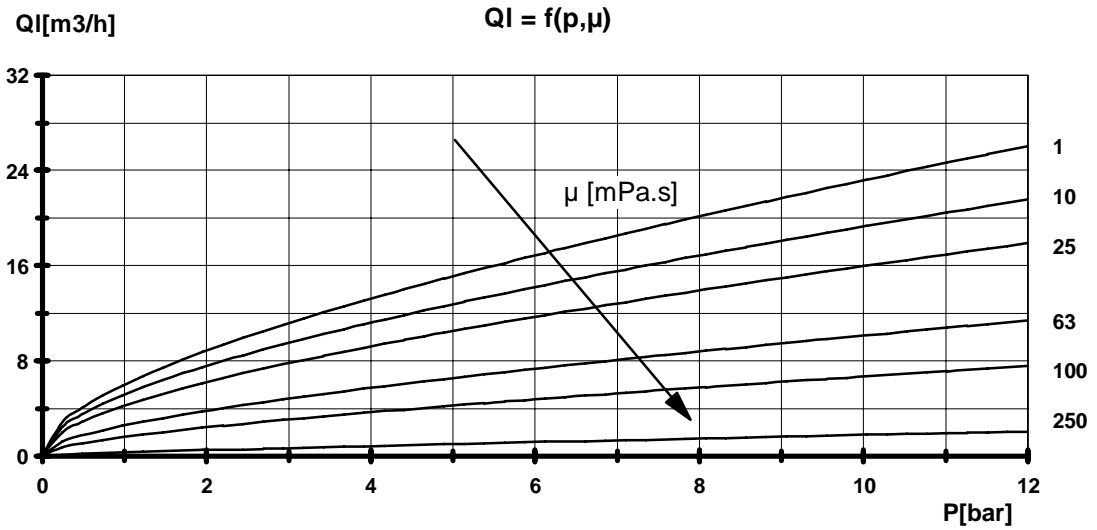


# CURVAS CARACTERISTICAS BOMBA LOBULAR

## PERFORMANCE CURVES LOBE PUMP

# 3-50

Tolerancia $\pm 5\%$ Permissible tolerance $\pm 5\%$	— Trilóbulo/trilobe - - - - Lóbulo de cuña/winglobe	$\phi$ Boca asp/Pump inlet <span style="float: right;">50 mm</span> $\phi$ Boca imp/Pump outlet <span style="float: right;">50 mm</span>	Viscosidad Viscosity -
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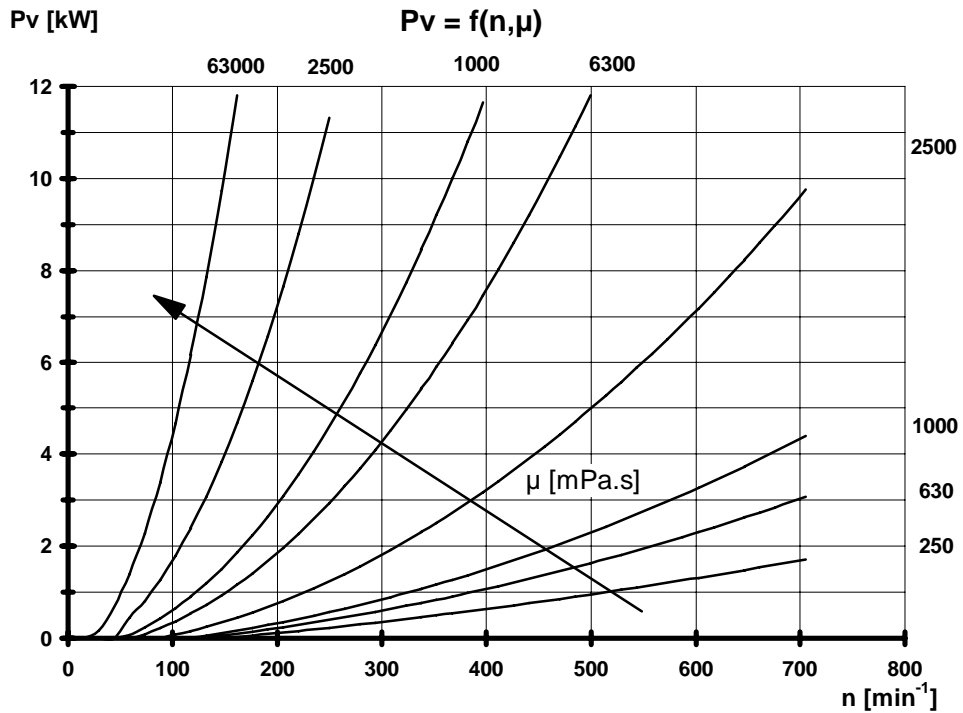
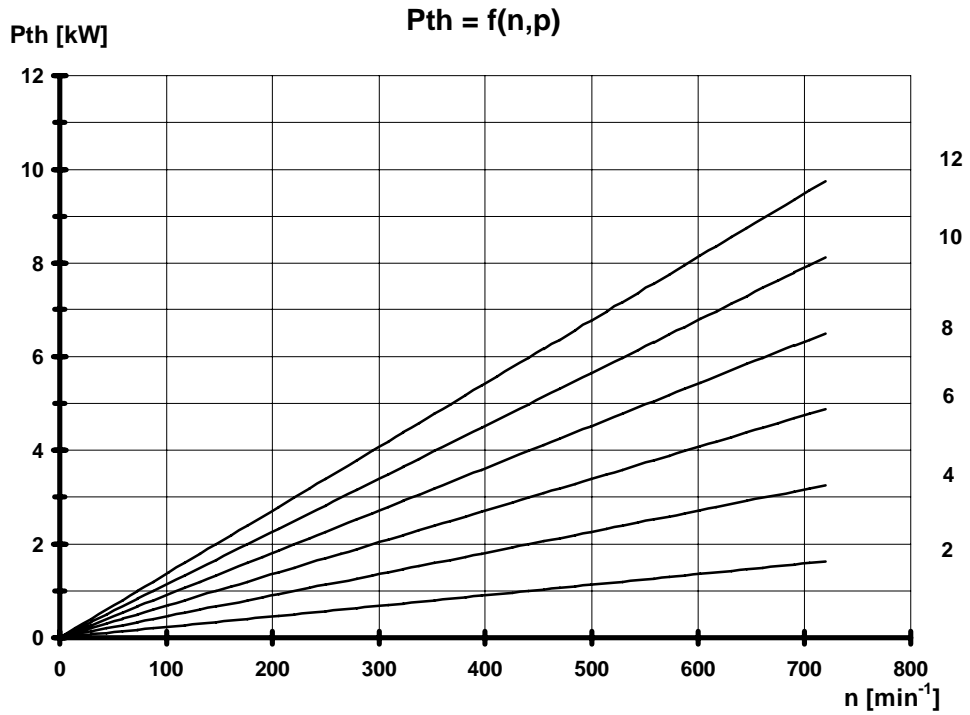




# CURVAS CARACTERISTICAS BOMBA LOBULAR 3-50

## PERFORMANCE CURVES LOBE PUMP

Tolerancia $\pm 5\%$ Permissible tolerance $\pm 5\%$	— Trilóbulo/trilobe - - - - Lóbulo de cuña/winglobe	$\phi$ Boca asp/Pump inlet <span style="float: right;">50 mm</span> $\phi$ Boca imp/Pump outlet <span style="float: right;">50 mm</span>	Viscosidad Viscosity -
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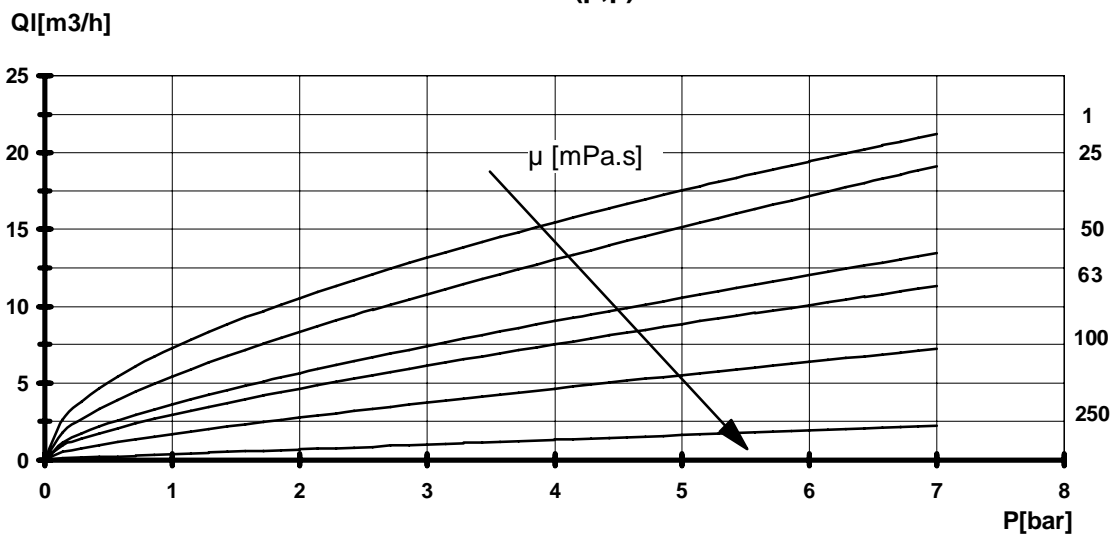
# CURVAS CARACTERISTICAS BOMBA LOBULAR

## PERFORMANCE CURVES LOBE PUMP

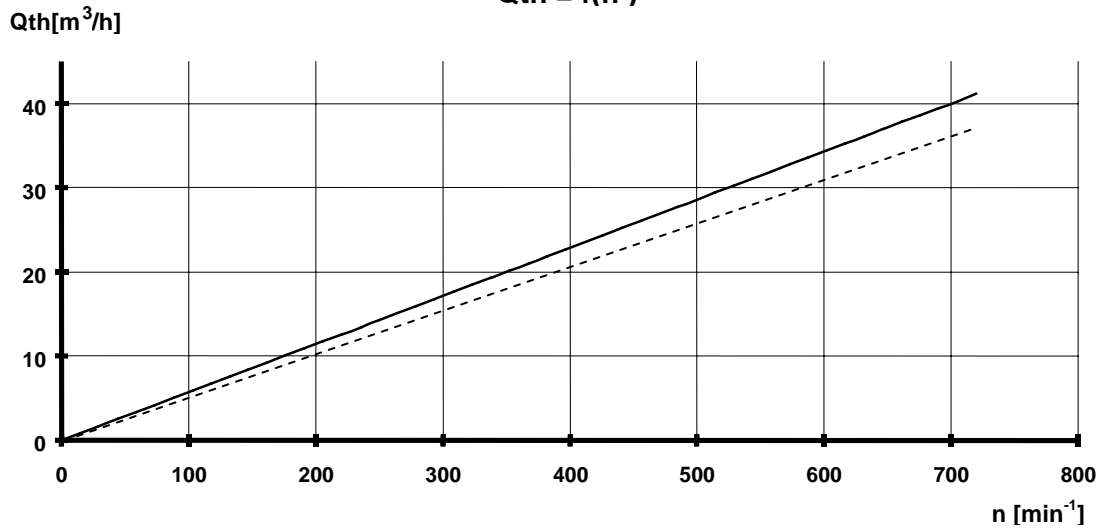
# 3-80

Tolerancia $\pm 5\%$ Permissible tolerance $\pm 5\%$	—— Trilóbulo/trilobe	$\phi$ Boca asp/Pump inlet	80 mm	Viscosidad Viscosity —
	- - - - Lóbulo de cuña/winglobe	$\phi$ Boca imp/Pump outlet	80 mm	

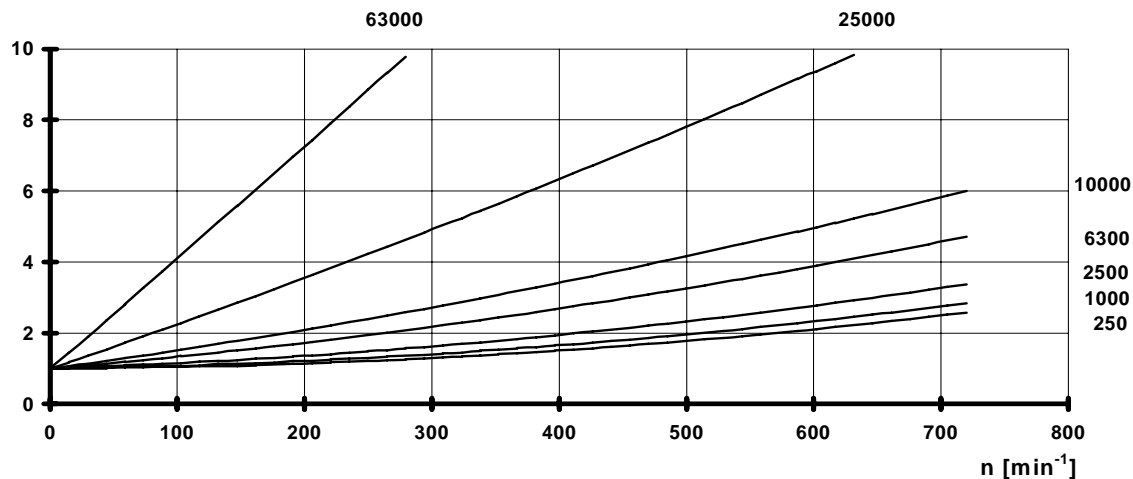
$Ql = f(p, \mu)$



$Qth = f(n)$



$NPSH = f(n, \mu)$





# CURVAS CARACTERISTICAS BOMBA LOBULAR

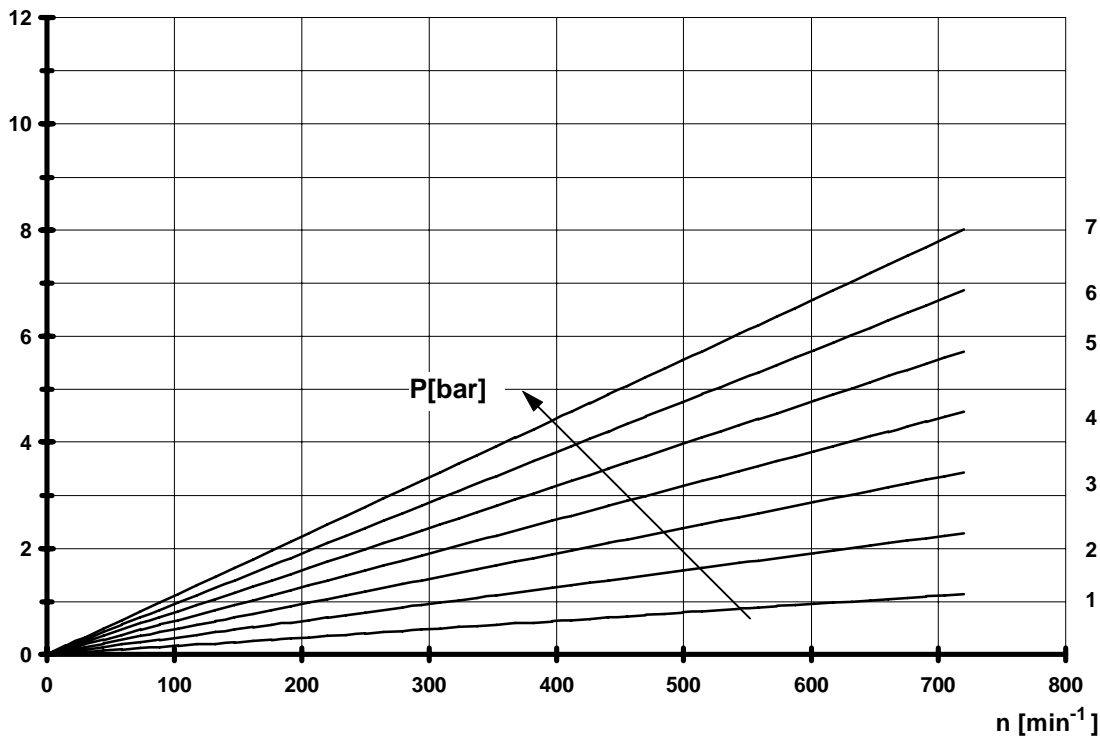
## PERFORMANCE CURVES LOBE PUMP

# 3-80

Tolerancia $\pm 5\%$ Permissible tolerance $\pm 5\%$	—— Trilóbulo/trilobe	$\phi$ Boca asp/Pump inlet	80 mm	Viscosidad Viscosity —
	- - - - Lóbulo de cuña/winglobe	$\phi$ Boca imp/Pump outlet	80 mm	

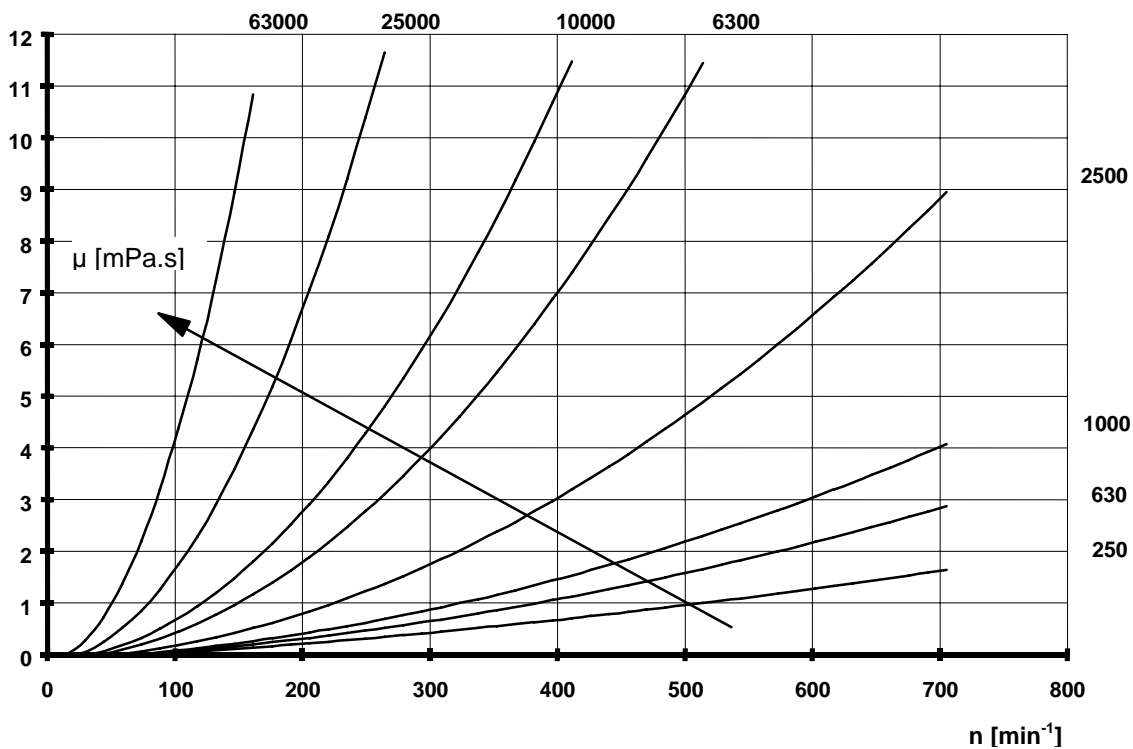
Pth [kW]

$P_{th} = f(n, p)$



Pv [kW]

$P_v = f(n, \mu)$

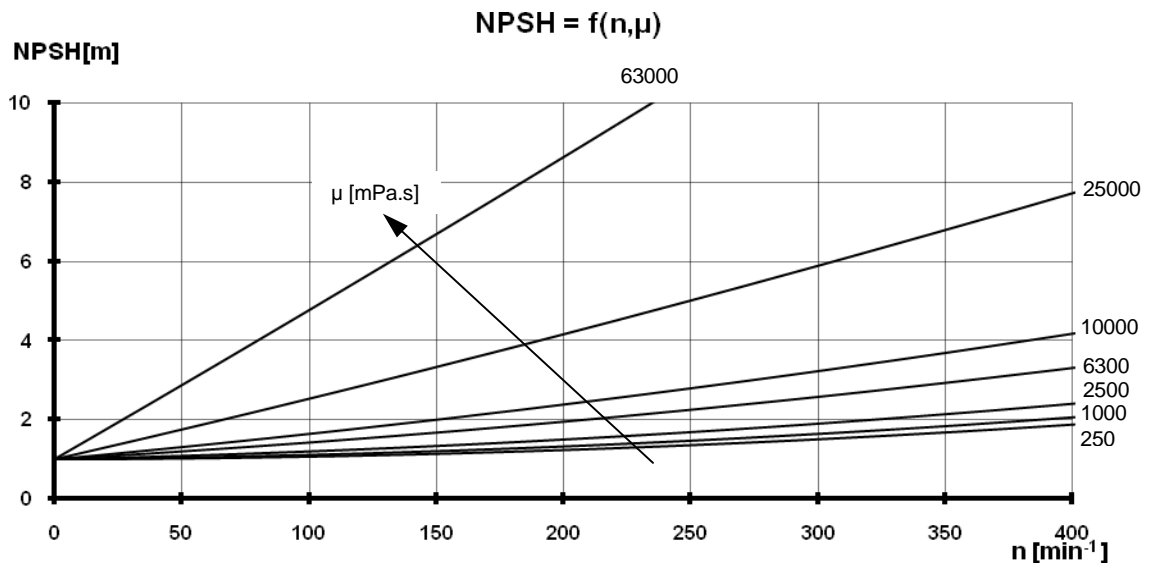
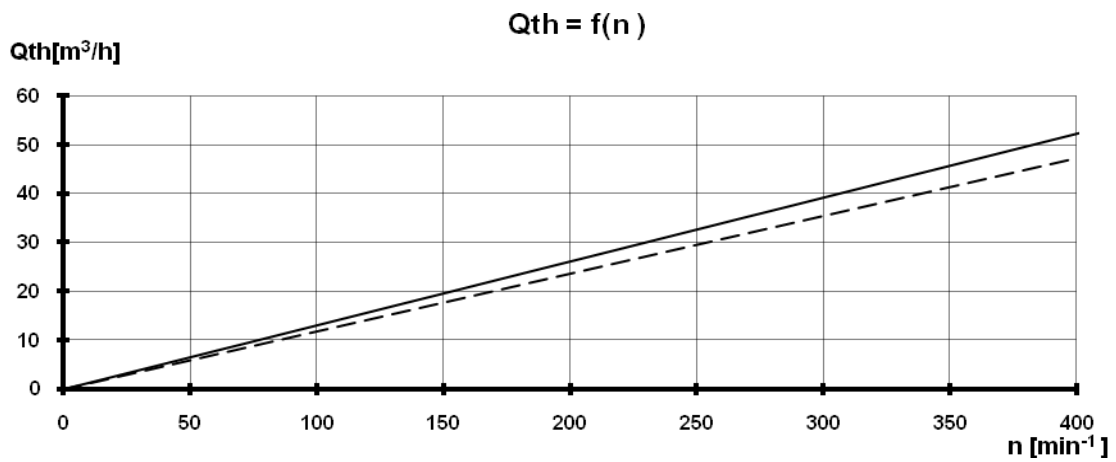
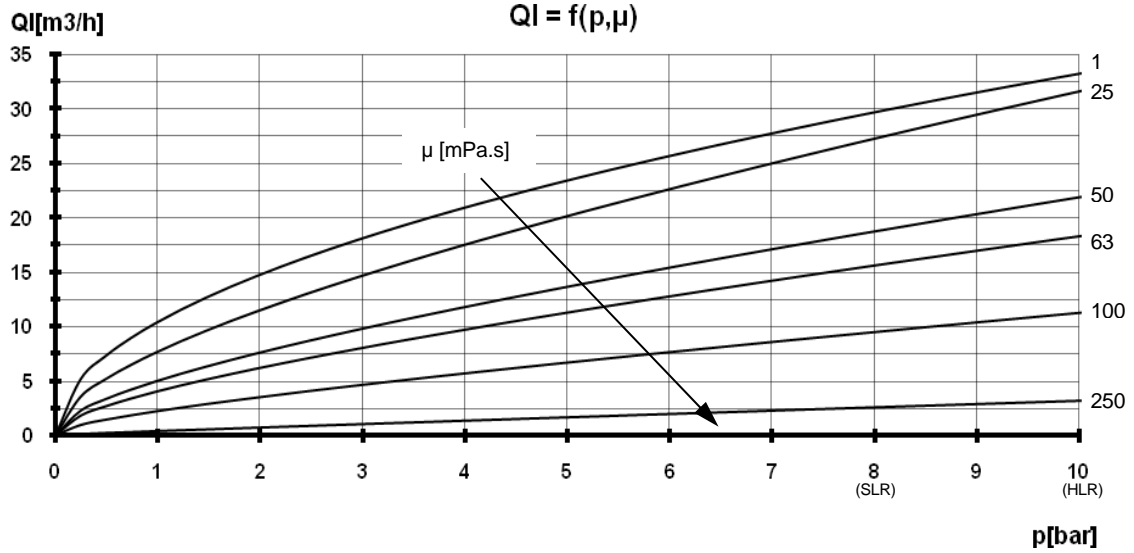




# CURVAS CARACTERISTICAS BOMBA LOBULAR PERFORMANCE CURVES LOBE PUMP

# 4-100

Tolerancia $\pm 5\%$ Permissible tolerance $\pm 5\%$	— Trilóbulo/trilobe - - - - Lóbulo de cuña/winglobe	$\phi$ Boca asp/Pump inlet <span style="float: right;">100 mm</span> $\phi$ Boca imp/Pump outlet <span style="float: right;">100 mm</span>	Viscosidad Viscosity -
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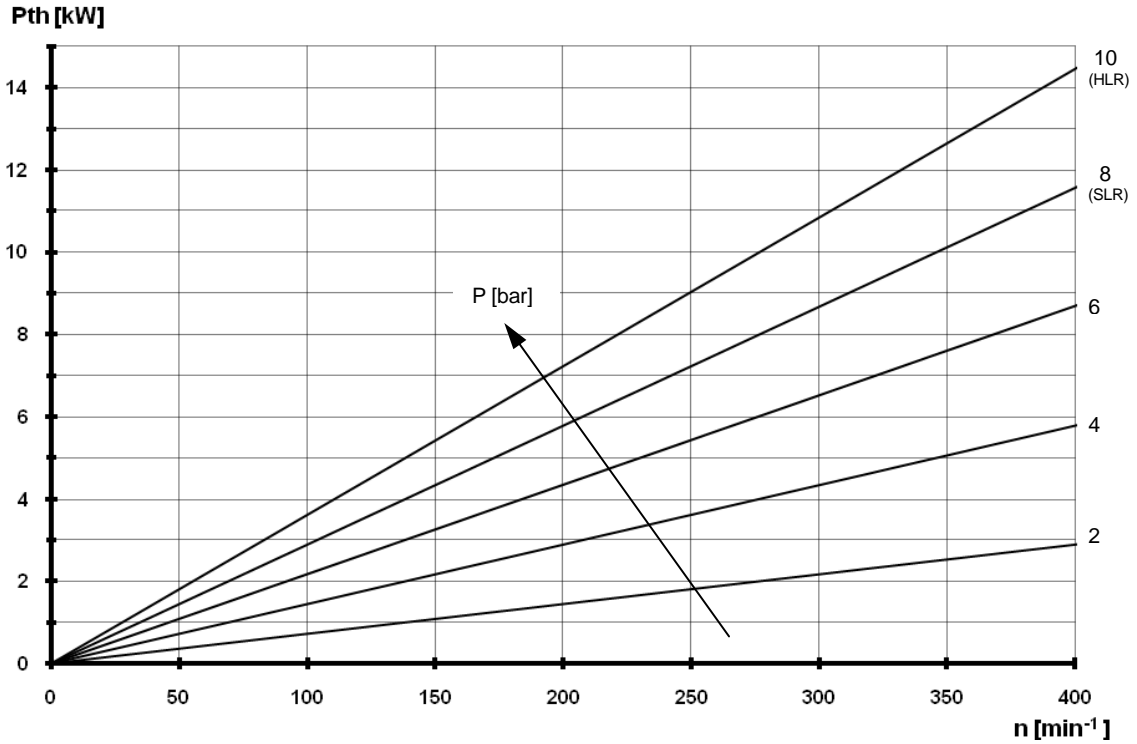


# CURVAS CARACTERISTICAS BOMBA LOBULAR PERFORMANCE CURVES LOBE PUMP

# 4-100

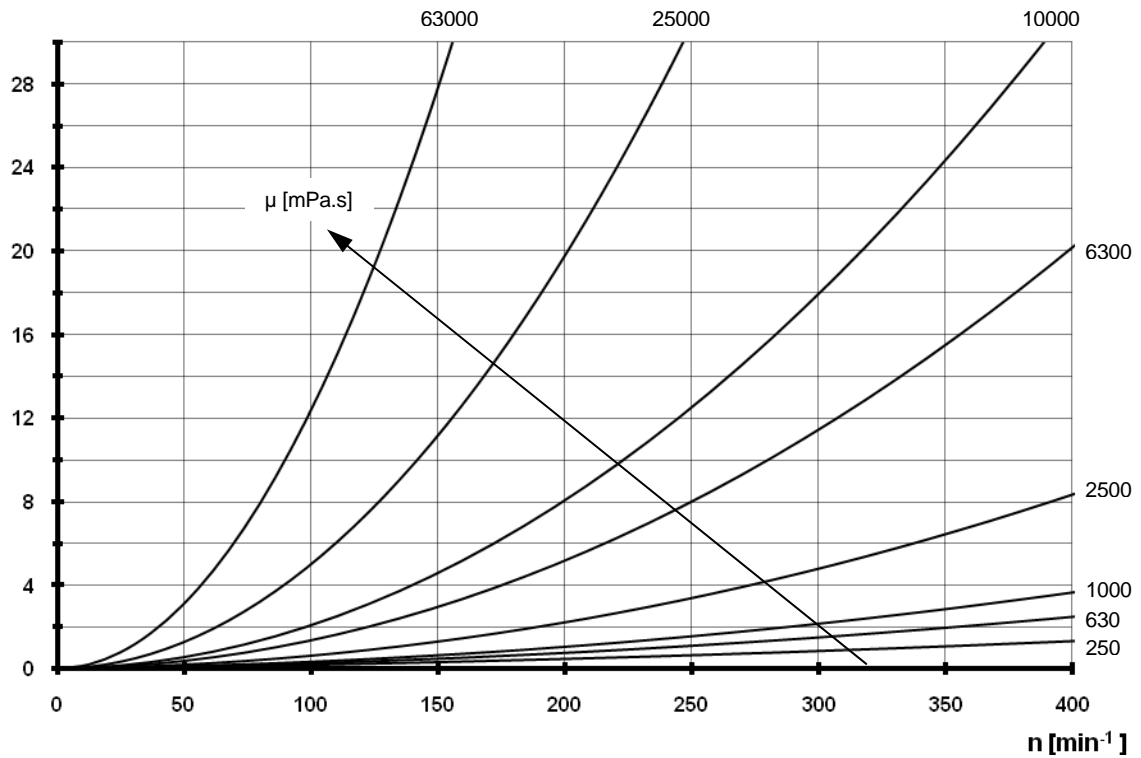
Tolerancia $\pm 5\%$ Permissible tolerance $\pm 5\%$	— Trilóbulo/trilobe	$\phi$ Boca asp/Pump inlet	100 mm	Viscosidad Viscosity —
	- - - - - Lóbulo de cuña/winglobe	$\phi$ Boca imp/Pump outlet	100 mm	

$P_{th} = f(n, p)$



$P_v [kW]$

$P_v = f(n, \mu)$

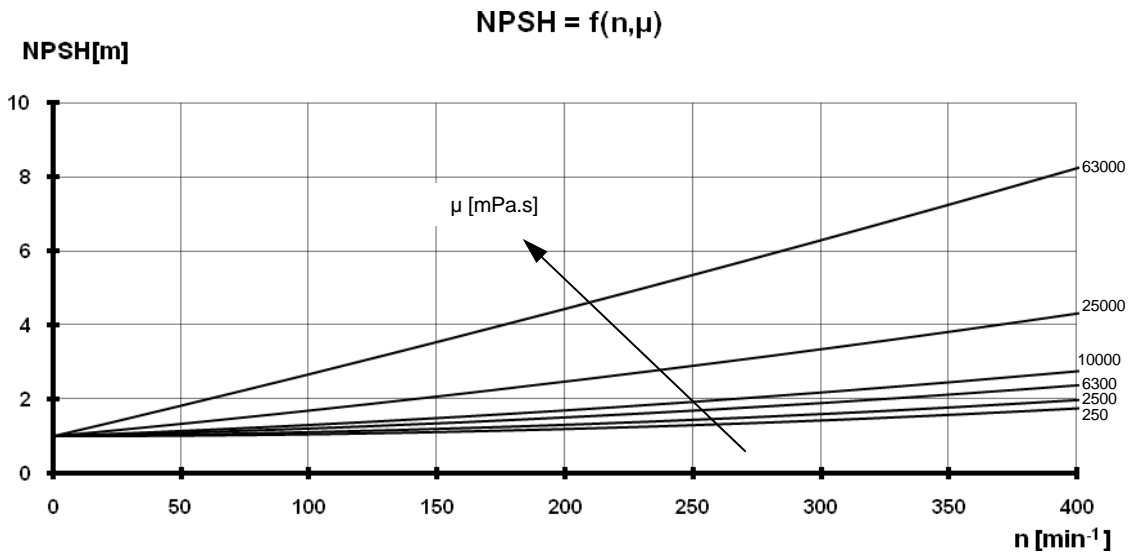
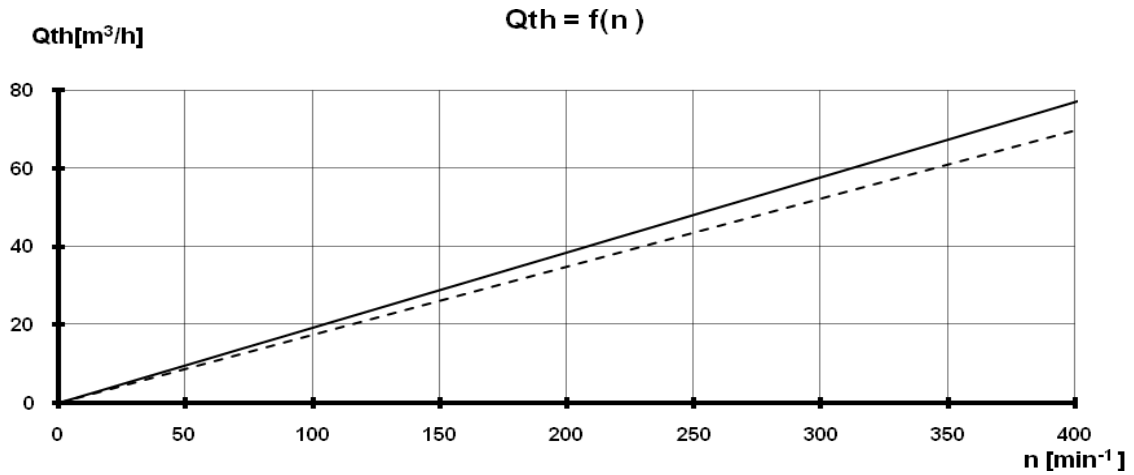
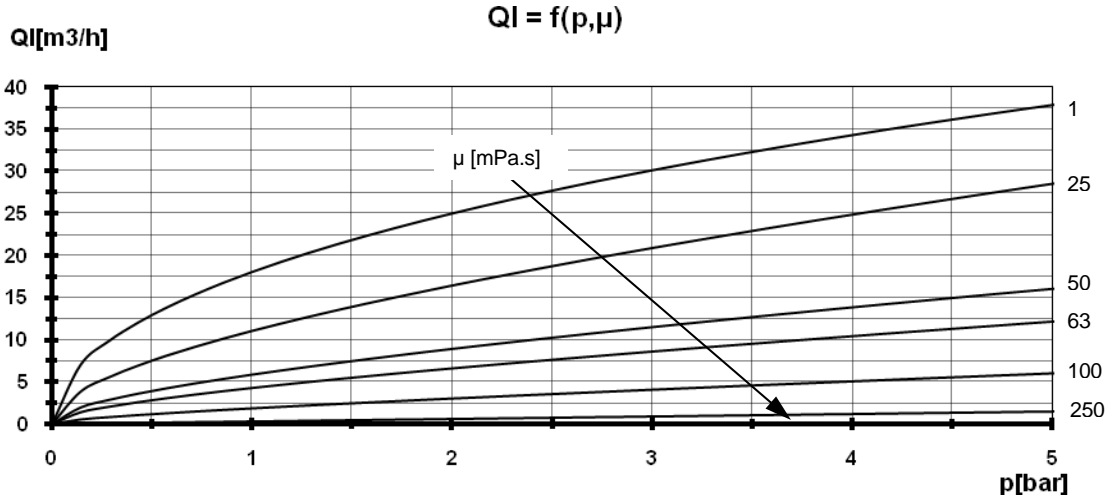




# CURVAS CARACTERISTICAS BOMBA LOBULAR PERFORMANCE CURVES LOBE PUMP

# 4-150

Tolerancia $\pm 5\%$ Permissible tolerance $\pm 5\%$	— Trilóbulo/trilobe - - - - Lóbulo de cuña/winglobe	$\phi$ Boca asp/Pump inlet <span style="float: right;">150 mm</span> $\phi$ Boca imp/Pump outlet <span style="float: right;">150 mm</span>	Viscosidad Viscosity -
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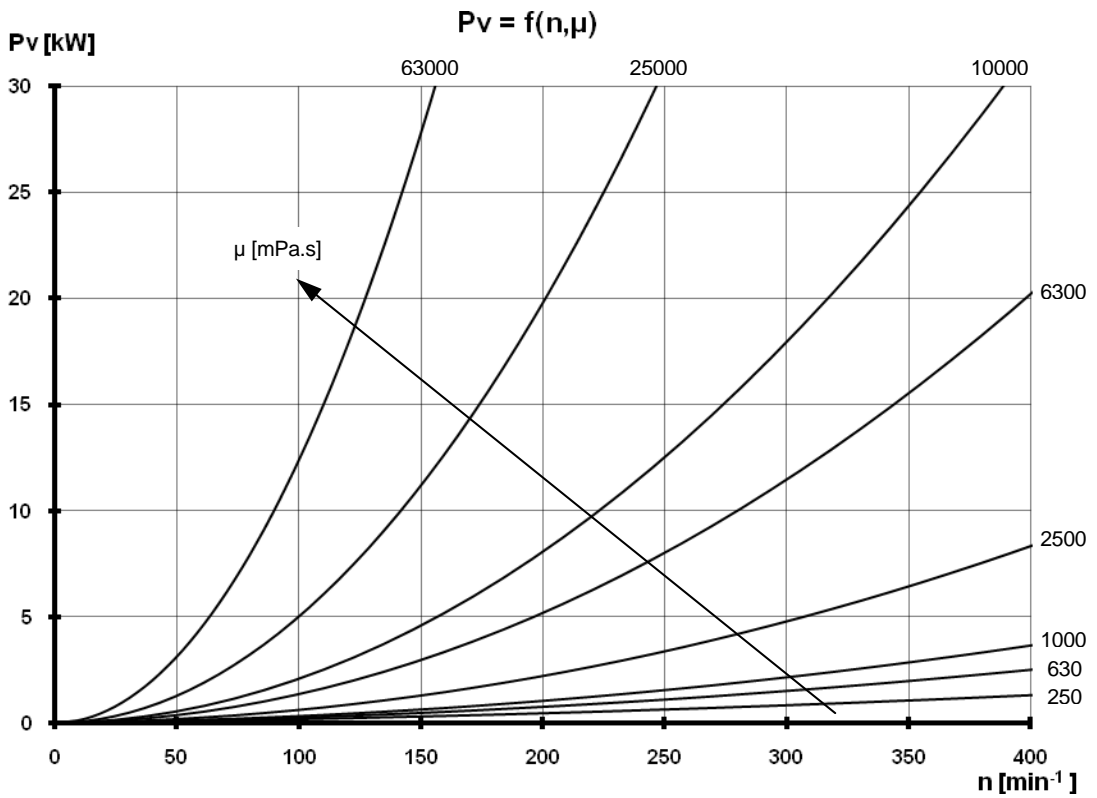
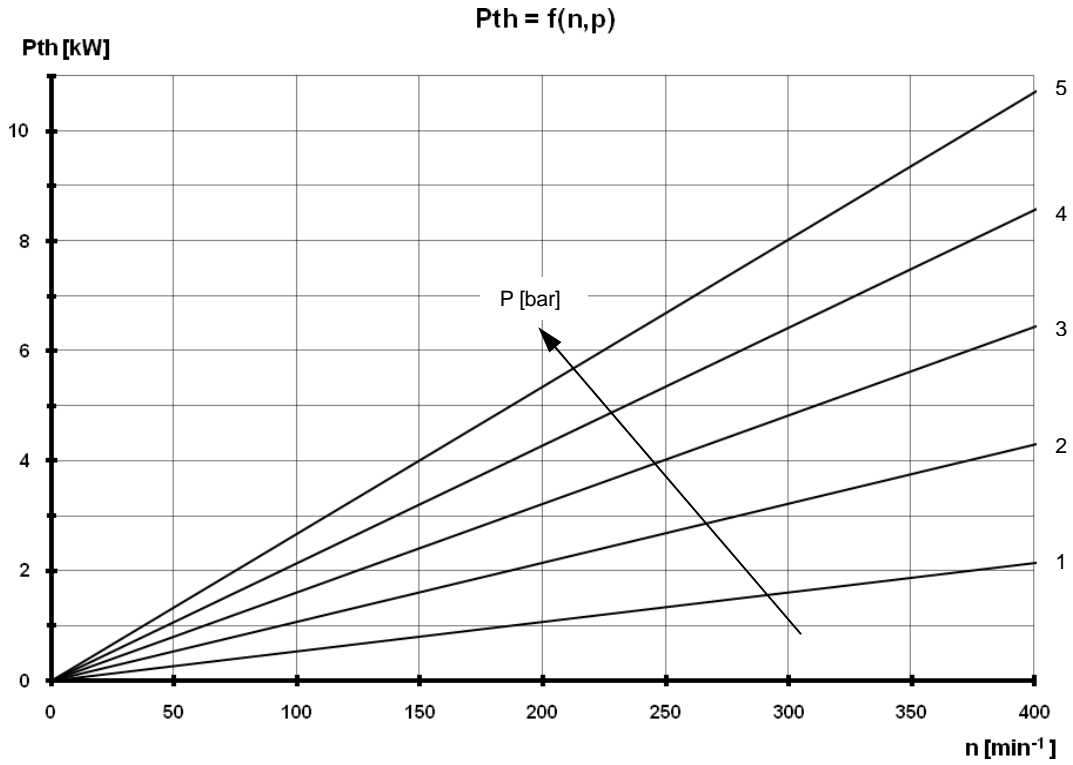




**CURVAS CARACTERISTICAS BOMBA LOBULAR**  
**PERFORMANCE CURVES LOBE PUMP**

**4-150**

Tolerancia $\pm 5\%$ Permissible tolerance $\pm 5\%$	— Trilóbulo/trilobe	$\phi$ Boca asp/Pump inlet	150 mm	Viscosidad Viscosity —
	- - - - Lóbulo de cuña/winglobe	$\phi$ Boca imp/Pump outlet	150 mm	

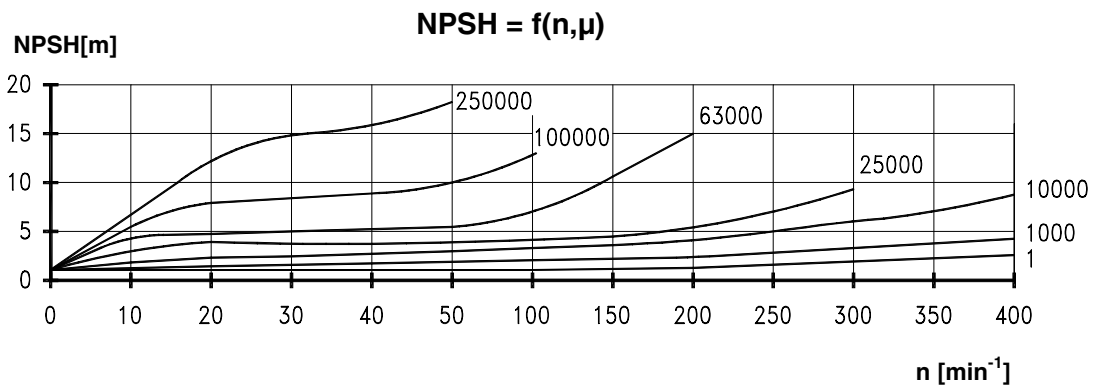
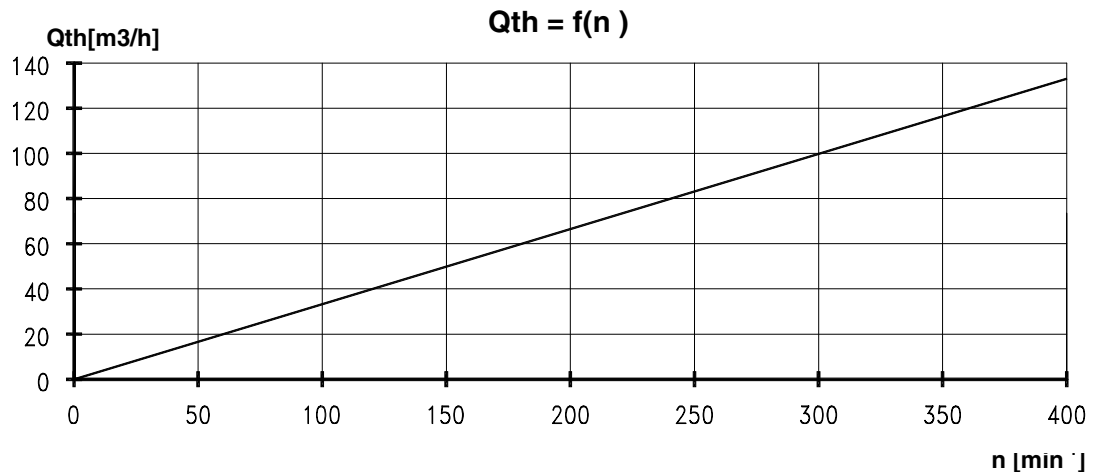
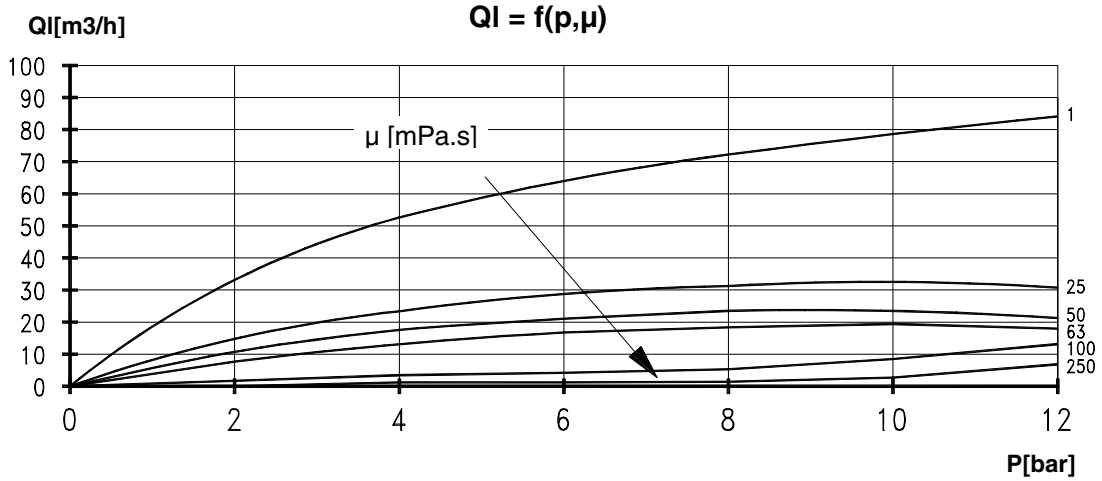




**CURVAS CARACTERISTICAS BOMBA LOBULAR**  
**PERFORMANCE CURVES LOBE PUMP**

**5-125**

<p>Tolerancia <math>\pm 5\%</math>          Permissible tolerance <math>\pm 5\%</math></p>	<p>— Trilóbulo/trilobe</p>	<p><math>\phi</math> Boca asp/Pump inlet <u>125 mm</u>  <math>\phi</math> Boca imp/Pump outlet <u>125 mm</u></p>	<p>Viscosidad          Viscosity          —</p>
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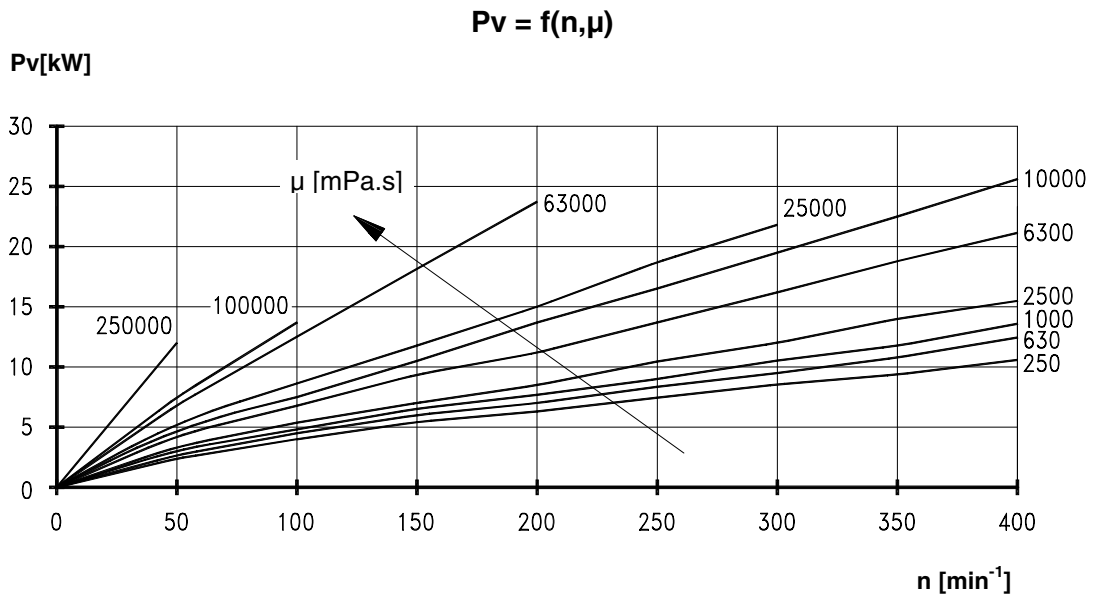
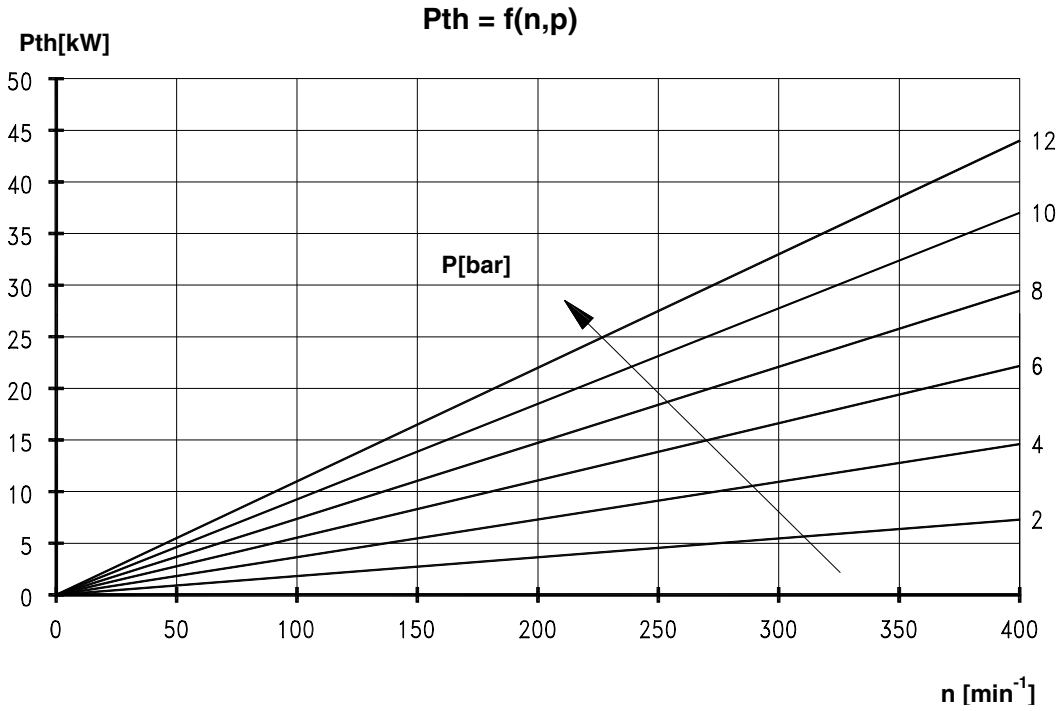




**CURVAS CARACTERISTICAS BOMBA LOBULAR**  
**PERFORMANCE CURVES LOBE PUMP**

**5-125**

<p>Tolerancia <math>\pm 5\%</math>          Permissible tolerance <math>\pm 5\%</math></p>	<p>— Trilóbulo/trilobe</p>	<p><math>\phi</math> Boca asp/Pump inlet <u>125 mm</u>  <math>\phi</math> Boca imp/Pump outlet <u>125 mm</u></p>	<p>Viscosidad          Viscosity          —</p>
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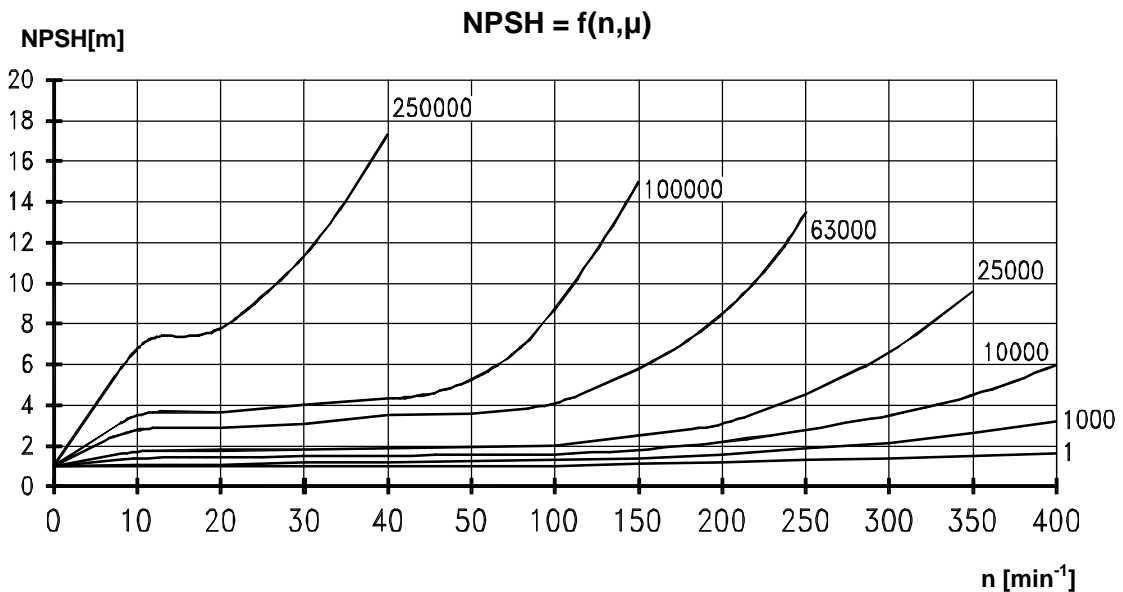
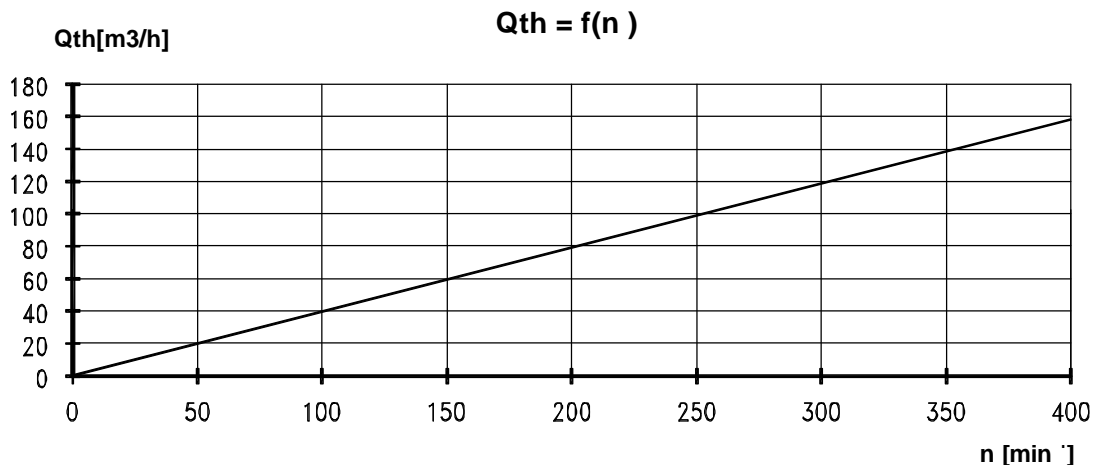
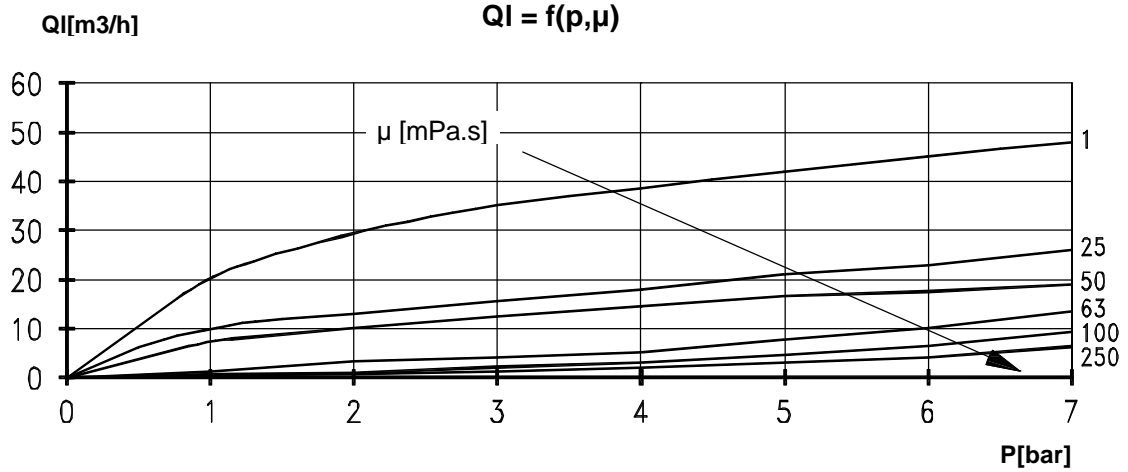




**CURVAS CARACTERISTICAS BOMBA LOBULAR**  
**PERFORMANCE CURVES LOBE PUMP**

**5-150**

<p>Tolerancia <math>\pm 5\%</math>          Permissible tolerance <math>\pm 5\%</math></p>	<p>— Trilóbulo/trilobe</p>	<p><math>f^{\circ}</math>Boca asp/Pump inlet <u>150 mm</u>  <math>f^{\circ}</math>Boca imp/Pump outlet <u>150 mm</u></p>	<p>Viscosidad          Viscosity  <u>-</u></p>
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**CURVAS CARACTERISTICAS BOMBA LOBULAR**  
**PERFORMANCE CURVES LOBE PUMP**

**5-150**

<p>Tolerancia <math>\pm 5\%</math> Permissible tolerance <math>\pm 5\%</math></p>	<p>— Trilóbulo/trilobe</p>	<p><math>f</math> Boca asp/Pump inlet <u>150 mm</u> <math>f</math> Boca imp/Pump outlet <u>150 mm</u></p>	<p>Viscosidad Viscosity —</p>
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