

Serie
Series

KL-KB

BOMBAS DE HUSILLO EXCENTRICO

ECCENTRIC SCREW PUMP

POMPE A VIS EXCENTRIQUE



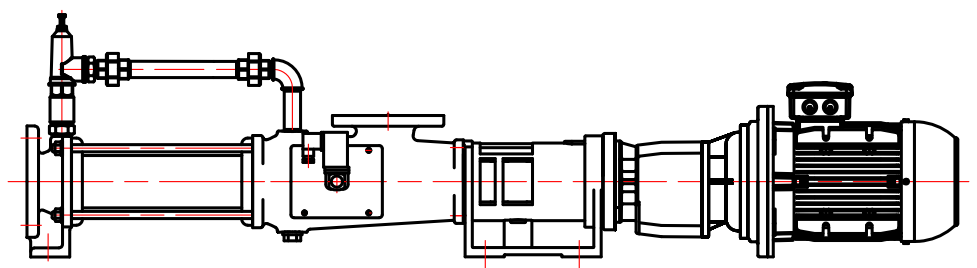
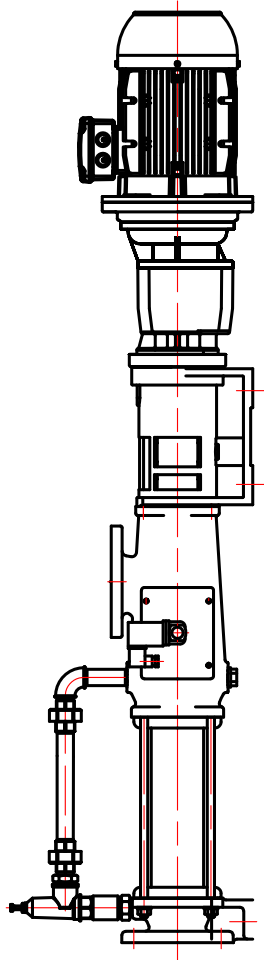
pumps

pumpen

bombas

azcue

pompes



Nomenclatura / Description



KB — 20 — S25

KL

30

S30

50

S40

65

S50

80

S60

.....

S140

Tamaños
Sizes

Tipos
Types

Serie
Series

Materiales estandar / Standar Materials

Cuerpo Casing	Cast iron / Hierro fundido*
Rotor	Acero inoxidable / Stainless steel*
Estator Stator	Perbunan*

*Other materials available upon request.

DESCRIPCION

Las bombas de husillo excentrico auto-aspirante son usados para transportar todo tipo de fluidos.

Bomba de diseño en bloque, con zona de inspeccion para facilitar el mantenimiento y trabajos de limpieza.

Soporte rodamiento con auto-centrado y acoplamiento rigido de accionamiento. Previene daños en los engranes.

Eje cardan y articulación como estandar. Rodamientos con lubricación de por vida. Sin desgaste ni mantenimiento.

Un rotor robusto de alta calidad de nuestra produccion y disponible en una gama de geometrias muy amplia.

DESCRIPTION

Eccentric screw self-priming pumps are used to convey all self-flowing fluids.

Pump in block design, with inspection ports to facilitate the easy maintenance and cleaning works.

Bearing bracket with self-centering and direct coupling of the drive. Prevent gear damage.

Cardan shaft and joint as standard. Bearings with lifetime lubrication. Wear and maintenance free.

A top quality, robust rotor from our production facility and available in a range of different geometries.

APLICACIONES/SERVICIOS

Bomba de cavidad progresiva diseñada para su utilización en:

- Marina
- Sentinas
- Industria
- Lodos
- Lastre
- Aceites
- Agua y pintura
- Aguas sucias

APPLICATIONS/SERVICES

Progressing cavity pump designed to be used in:

- Marine
- Bilge
- Industry
- Sludge
- Ballast
- Oils
- Water & paint
- Sewage

MAXIMAS CONDICIONES DE TRABAJO

Max. caudal	560 m3/h
Max. altura total	hasta 48 bar
Temp. max. operacion	140°C
Max. viscosidad	200.000 cSt

MAXIMUM WORKING CONDITIONS

Max. capacity	560 m3/h
Max. total head	hasta 48 bar
Operating max. temp.	140°C
Max. viscosity	200.000 cSt

SERIES KB/KL SERIES

H= 4 bar

Tipo bomba <i>Pump type</i>	Q m ³ /h (50-60 Hz)	Par <i>Torque</i> Nm	KW abs (50-60 Hz)	RPM (50-60 Hz)	Reductor <i>Gear/Drive size</i>	Valvula seguridad <i>safety valve</i>	Motor IEC <i>Brida/Eje Flange/Shaft</i>	Motor Rpm/KW	
KB20S25.0	1 - 1.2	14	0.3-0.4	380-456	C112UP-FB 3,7 P80	3/4"	80B-4 / Ø200-Ø19	1450 rpm 0.75 kW 1750 rpm 0.86 kW	
KB20S30.0	2 - 2.4	18	0.6-0.72	380-456	C112UP-FB 3,7 P90	3/4"	90S-4 / Ø200-Ø24	1450 rpm 1.1 kW 1750 rpm 1.3 kW	
KB20S30.0	3 - 3.6	18	0.9-1.0	500-600	C112UP-FB 2.8 P90 B5	3/4"	90L-4 / Ø200-Ø24	1450 rpm 1.5 kW 1750 rpm 1.7 kW	
KL30S40.0	5 - 6	35	1,3 -1.6	518 - 622	C212 F 2,7 P100 B5	1"	100LA-4 / Ø250-Ø28	1450 rpm 2.2 kW 1750 rpm 2.5 kW	
KL30S50.0	7,5 -9	50	1,5 - 1.8	292 - 350	C212 F 4,8 P100 B5	1"	100LA-4 / Ø250-Ø28	1450 rpm 2.2 kW 1750 rpm 2.5 kW	
KL30S50.0	10 - 12	50	1,9 - 2.3	377 - 452	C212 F 3,7 P100 B5	1"	100LB-4 / Ø250-Ø28	1450 rpm 3 kW 1750 rpm 3.5 kW	
KL30S60.0	14 - 17	80	2,5 - 3,2	315 - 380	C352 F 4,6 P112 B5	1 1/2"	112M-4 / Ø250-Ø28	1450 rpm 4 kW 1750 rpm 4,6 kW	
KL30S60.0	19 - 22	80	3,4 - 4	402 - 486	C412 F 3,6 P132 B5	1 1/2"	132S-4 / Ø300-Ø38	1450 rpm 5,5 kW 1750 rpm 6,4 kW	



azcue
pumps

SERIES KL SERIES

H= 4 bar

Tipo bomba <i>Pump type</i>	Q m3/h (50-60 Hz)	Par <i>Torque</i> Nm	KW abs (50-60 Hz)	RPM (50-60 Hz)	Reductor <i>Gear/Drive size</i>	Valvula seguridad <i>safety valve</i>	Motor IEC Brida/Eje <i>Flange/Shaft</i>	Motor Rpm/KW	
KL50S80.0	25-30	160	5,4 - 6,5	242-292	C412 F 6.0 P132 B5	DN40-65	132M-4 / Ø300-Ø38	1450 rpm 7,5 KW 1750 rpm 8,6 KW	
KL50S80.0	30-36	160	5,7 - 6,9	308-370	C412 F 4,7 P132 B5	DN40-65	132M-4 / Ø300-Ø38	1450 rpm 7,5 KW 1750 rpm 8,6 KW	
KL50S80.0	40-48	190	7.5 - 9	392-470	C612 F 3,7 P160 B5	DN40-65	160M-4 / Ø350-Ø42	1450 rpm 11 KW 1750 rpm 12.5 KW	
KL50S90.0	50-60	195	8.3 - 9.9	322 - 387	C512 F 4,5 P160 B5	DN40-65	160M-4 / Ø350-Ø42	1450 rpm 11 KW 1750 rpm 12.5 KW	
KL50S90.0	60-72	195	9.9 - 11.9	392 - 473	C612 F 3,7 P160 B5	DN40-65	160L-4 / Ø350-Ø42	1450 rpm 15 KW 1750 rpm 17 KW	
KL50S101.0	80-96	350	13.8 - 16.6	392 - 473	C612 F 3,7 P180 B5	DN50-80	180M-4 / Ø350-Ø48	1450 rpm 18.5 KW 1750 rpm 21 KW	
KL65S110.0	100-120	580	15.8 - 18.7	322 - 400	C702 F 4,6 P180 B5	DN50-80	180L-4 / Ø350-Ø48	1450 rpm 22 KW 1750 rpm 25 KW	
KL65S120.0	120-144	1000	24 - 28.5	315 - 380	C702 F 4,6 P200 B5	DN50-80	200L-4 / Ø400-Ø55	1450 rpm 30 KW 1750 rpm 35 KW	



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pumps

Tipo/Type:

25.0

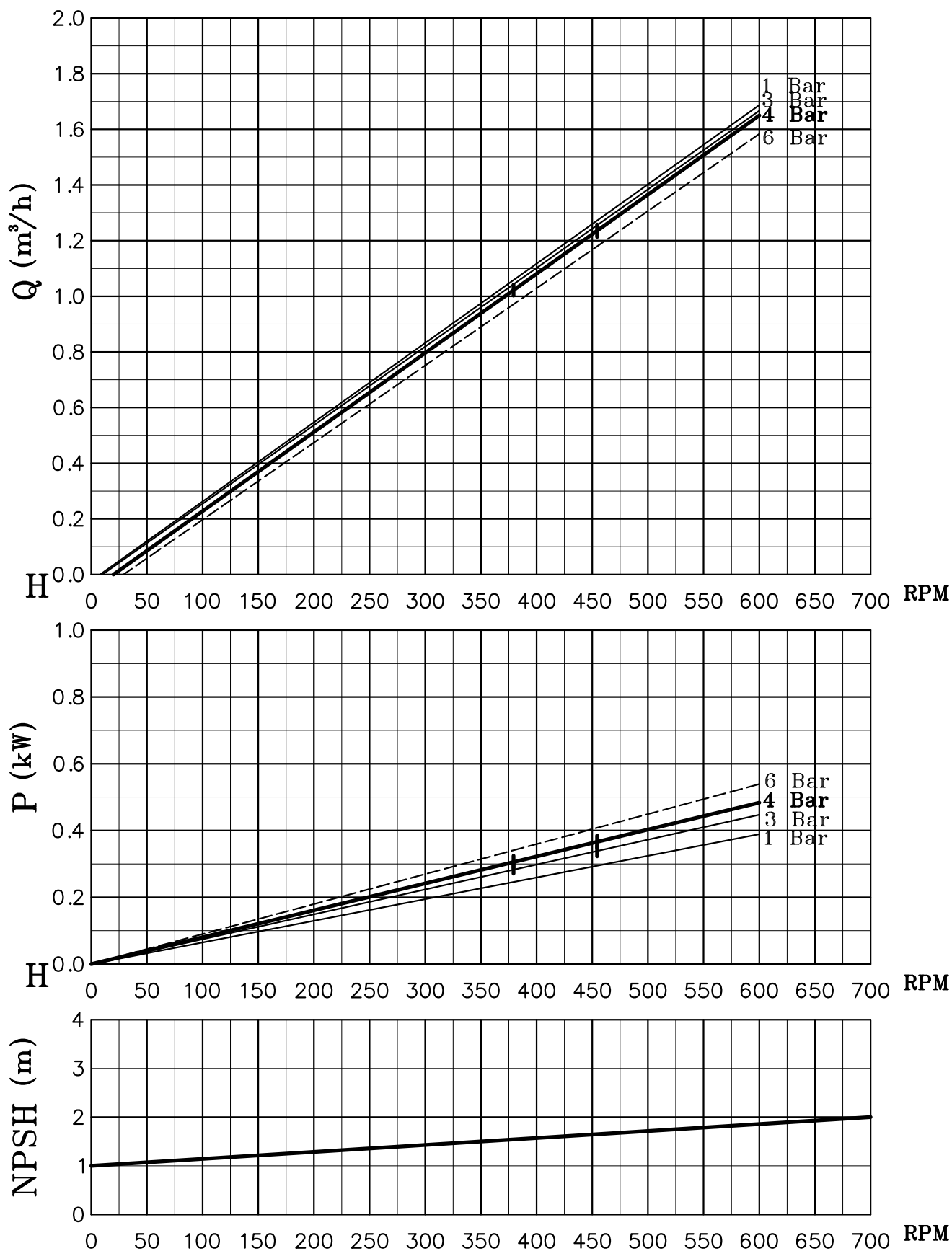
Curva / Curve / Courbe

Bomba serie
Pump serie
Pompe serie

KB

R.P.M.

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Dibujado/Drawn Zendoia 26-10-13

Comprobado/Check Ruiz 26-10-13

Ref. DC-KB20S25.0-1800



azcue
pumps

Tipo/Type:

30.0

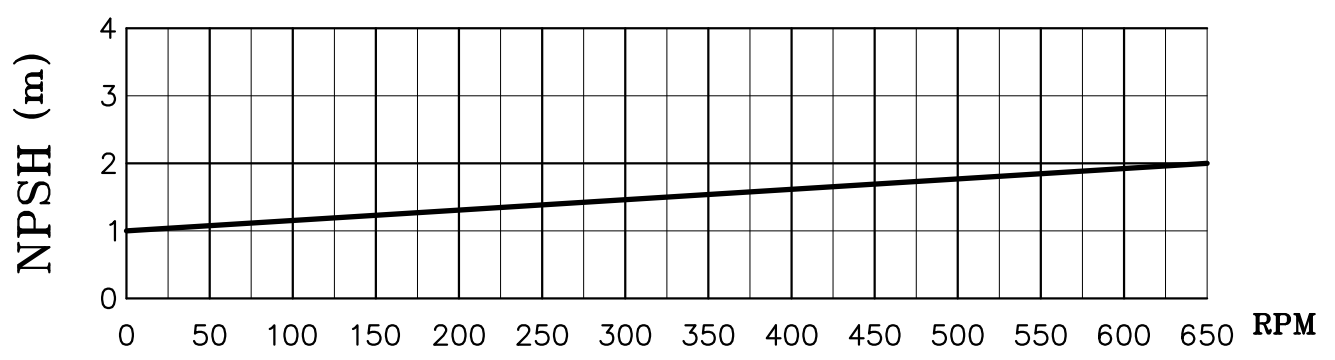
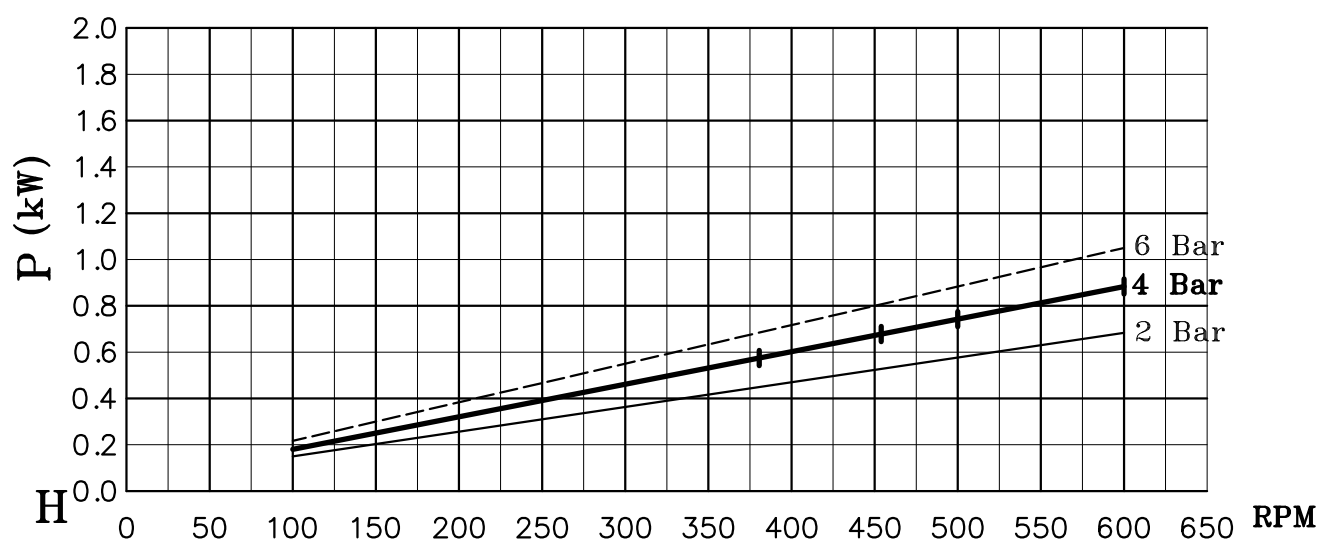
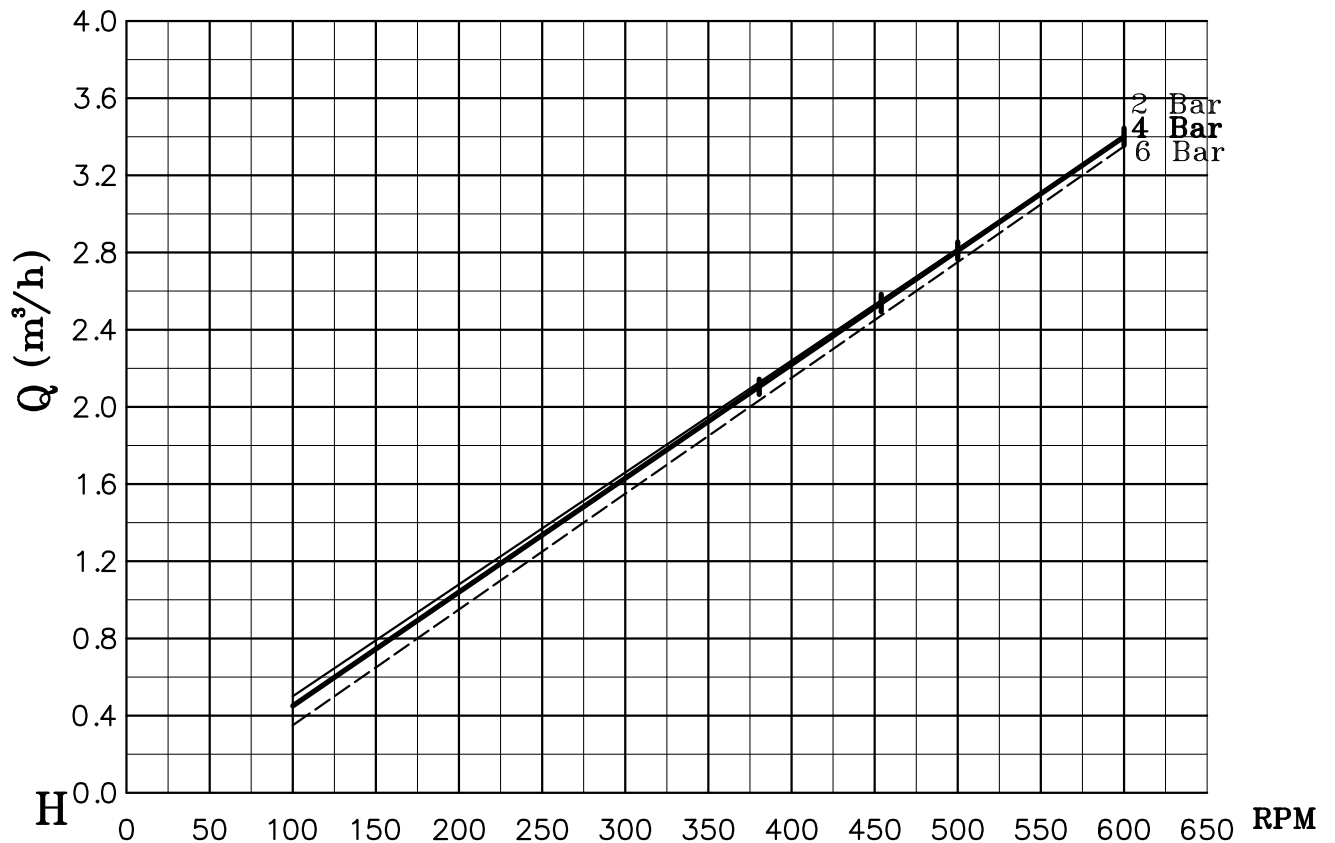
Curva / Curve / Courbe

Bomba serie
Pump serie
Pompe serie

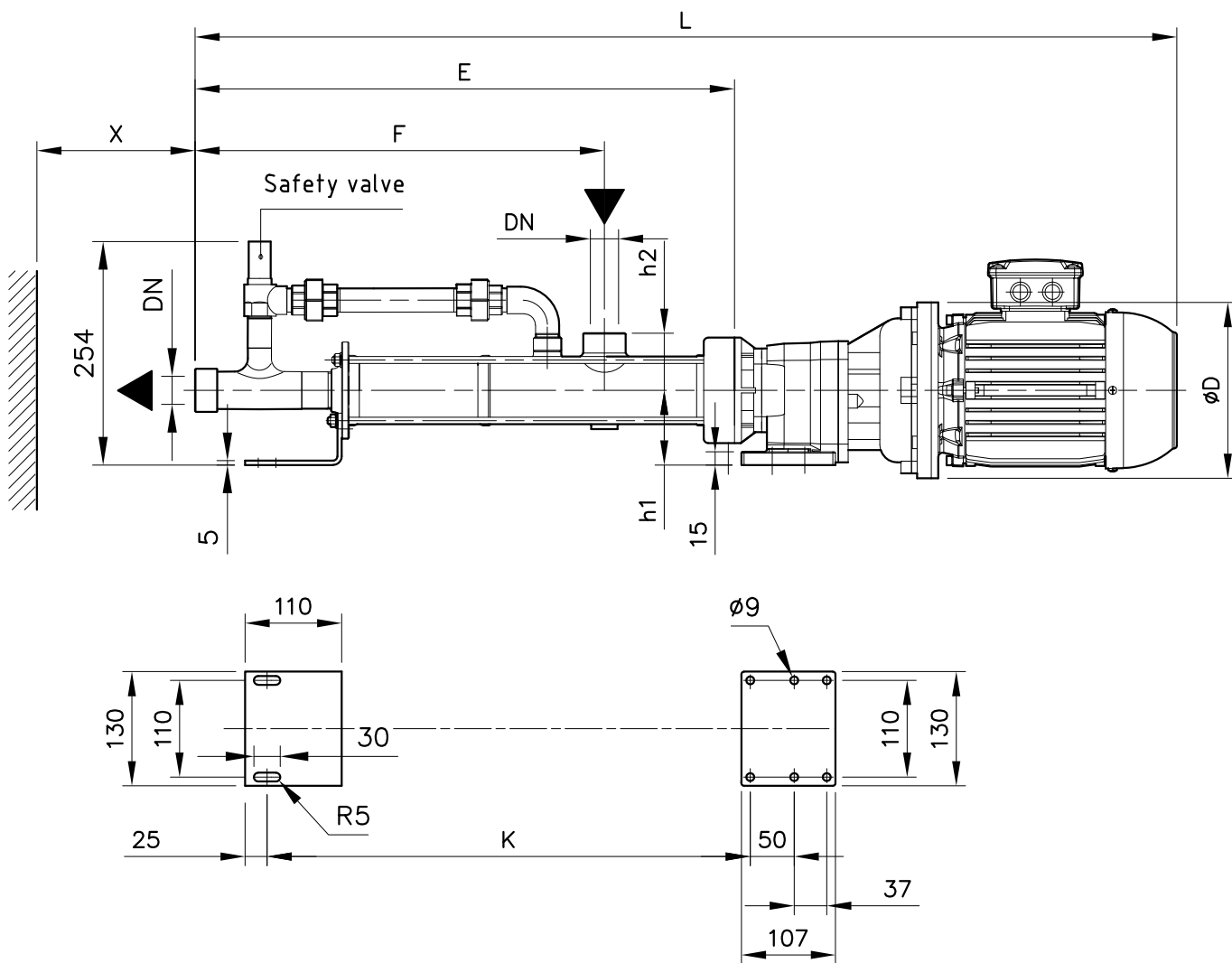
KB

R.P.M.

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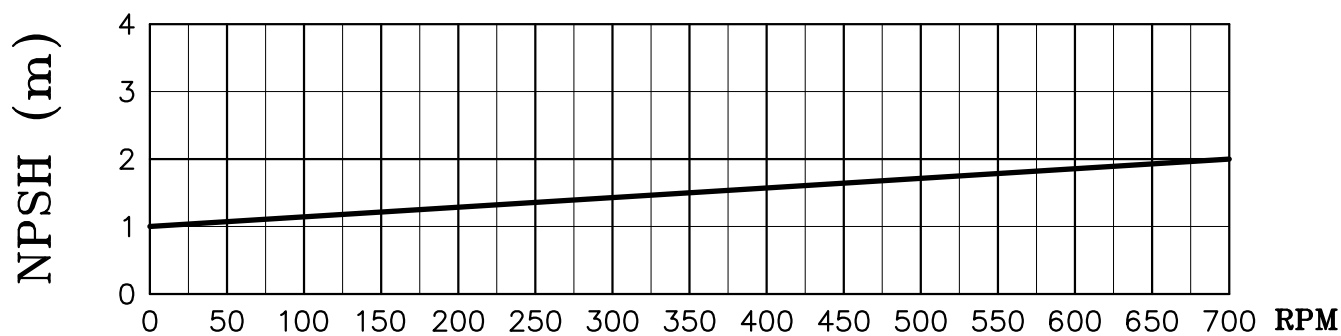
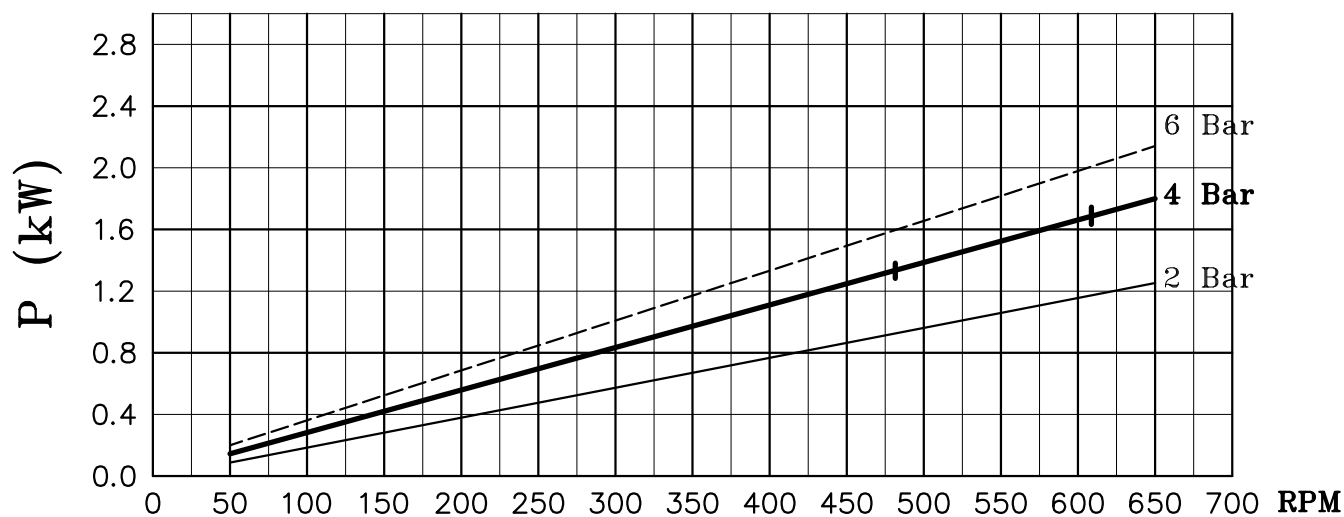
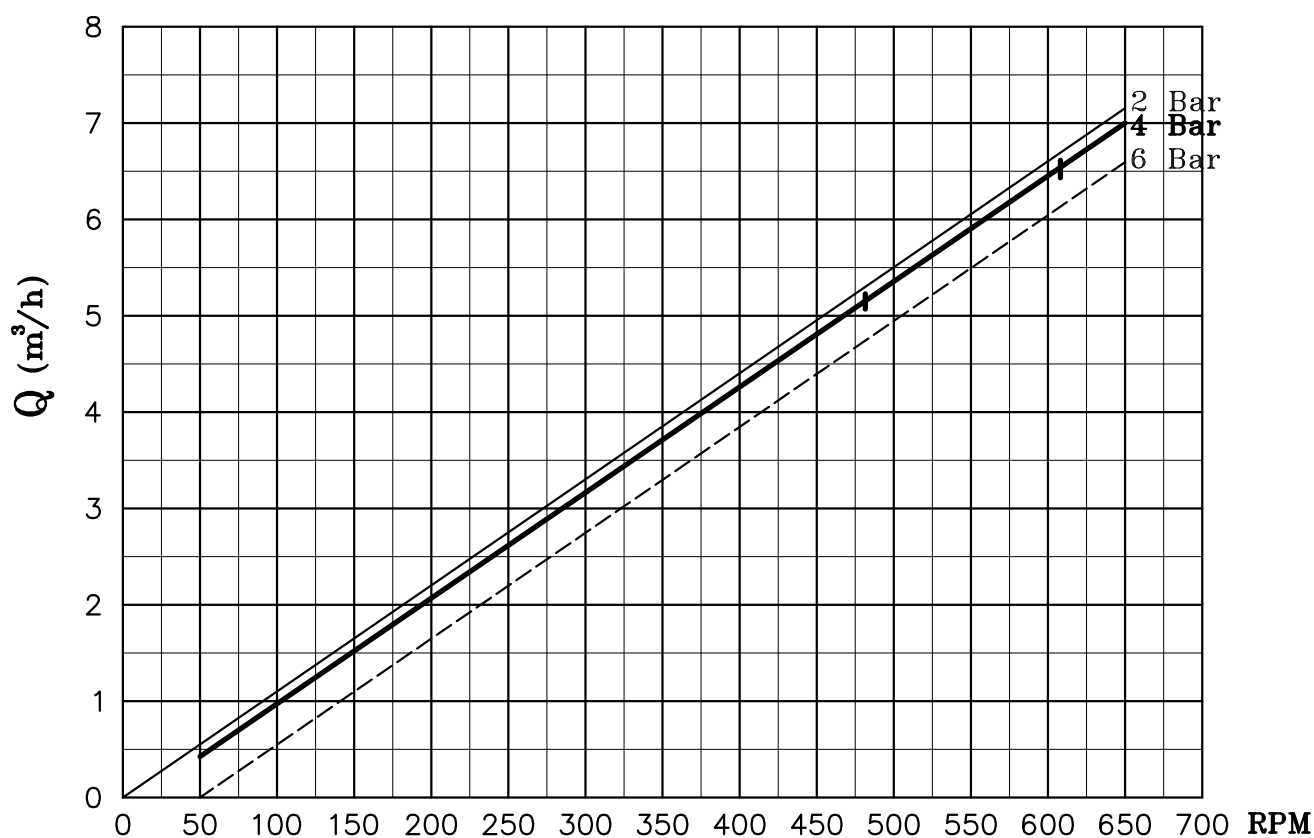


Dibujado/Drawn	Zendoia	26-10-13
Comprobado/Check	Ruiz	26-10-13
Ref. DC-KB20S30.0-1800		



Tipo / Type	DN	F	E	K	L	D	h1	h2	X
KB20S25.0	1 $\frac{1}{4}$ "G	441	589	525	1049	200	85	65	180
KB20S30.0	1 $\frac{1}{4}$ "G	466	614	550	1118	200	85	65	180

Tipo/Type: 40.0	Curva / Curve / Courbe		R.P.M. — — —
	Bomba serie Pump serie Pompe serie	KL	



Dibujado/Drawn	Zendoia	14-10-13
Comprobado/Check	Ruiz	14-10-13
Ref. DC-KL30S40.0-1800		



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pumps

Tipo/Type:

50.0

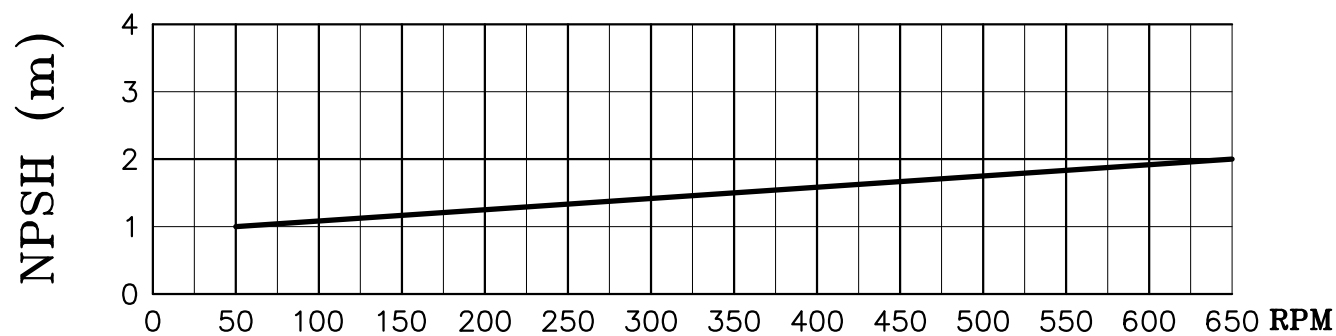
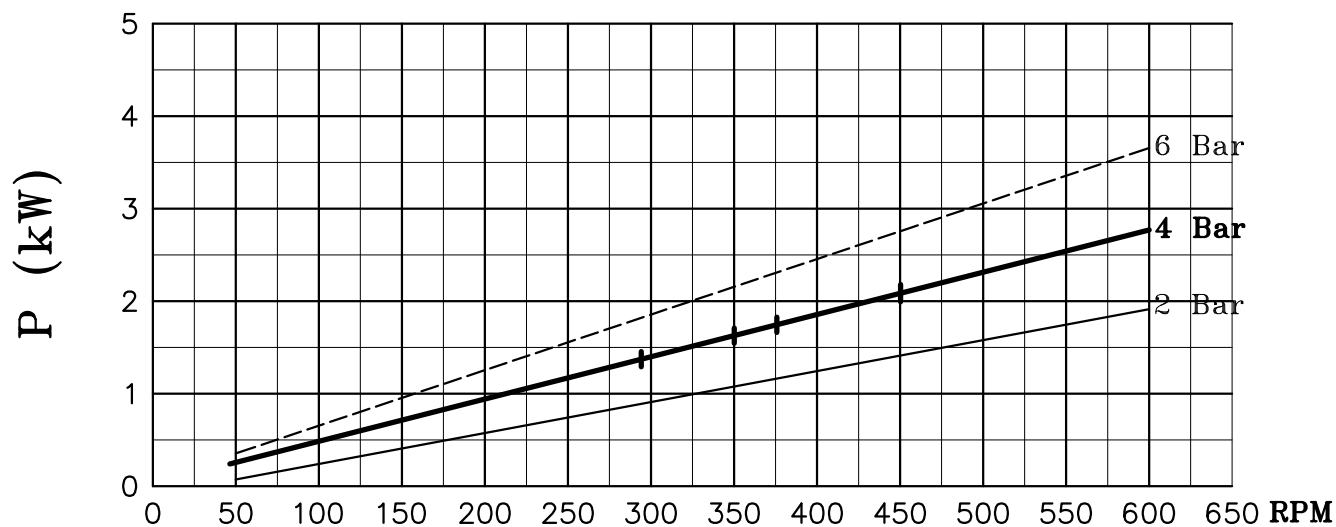
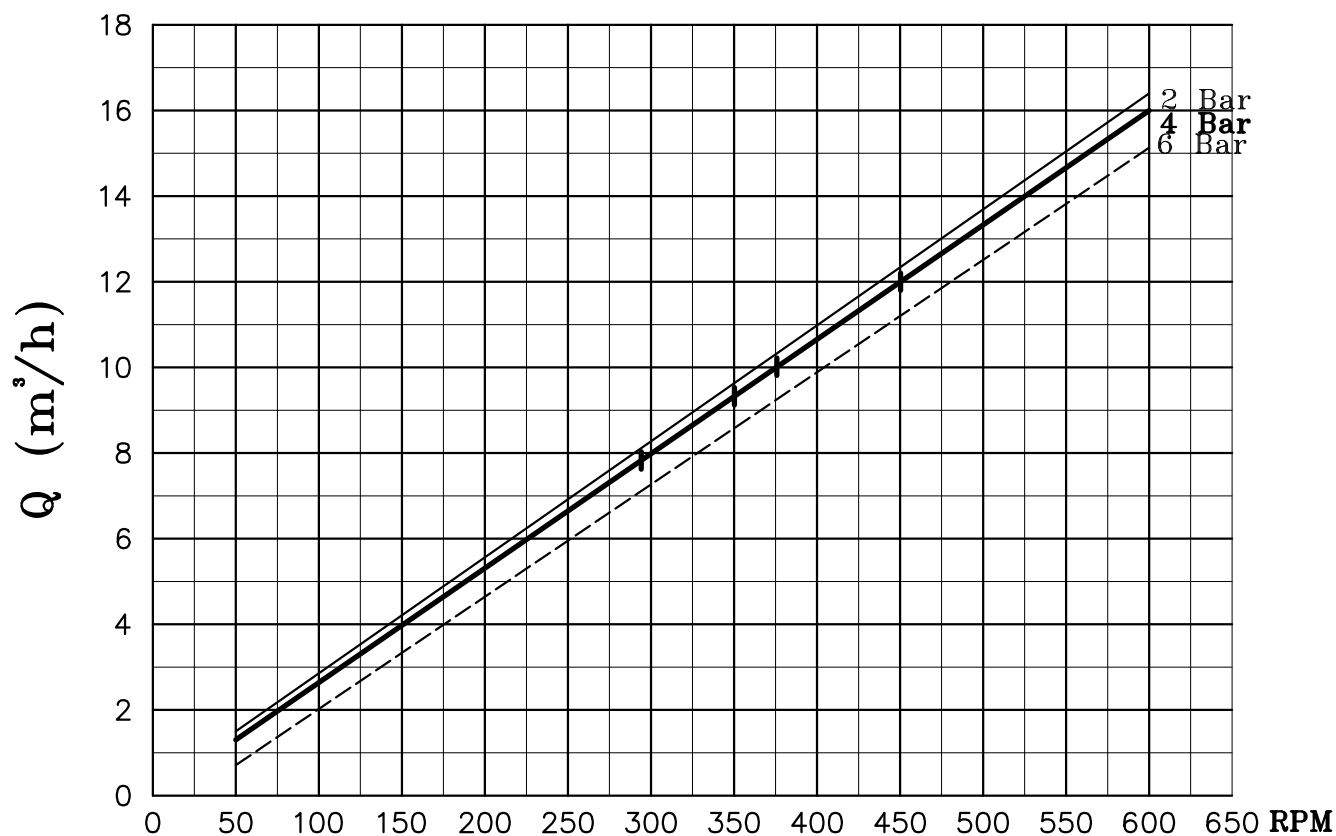
Curva / Curve / Courbe

Bomba serie
Pump serie
Pompe serie

KL

R.P.M.

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Dibujado/Drawn Zendoia 24-10-13

Comprobado/Check Ruiz 24-10-13

Ref. DC-KL30S50.0-1800



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pumps

Tipo/Type:

60.0

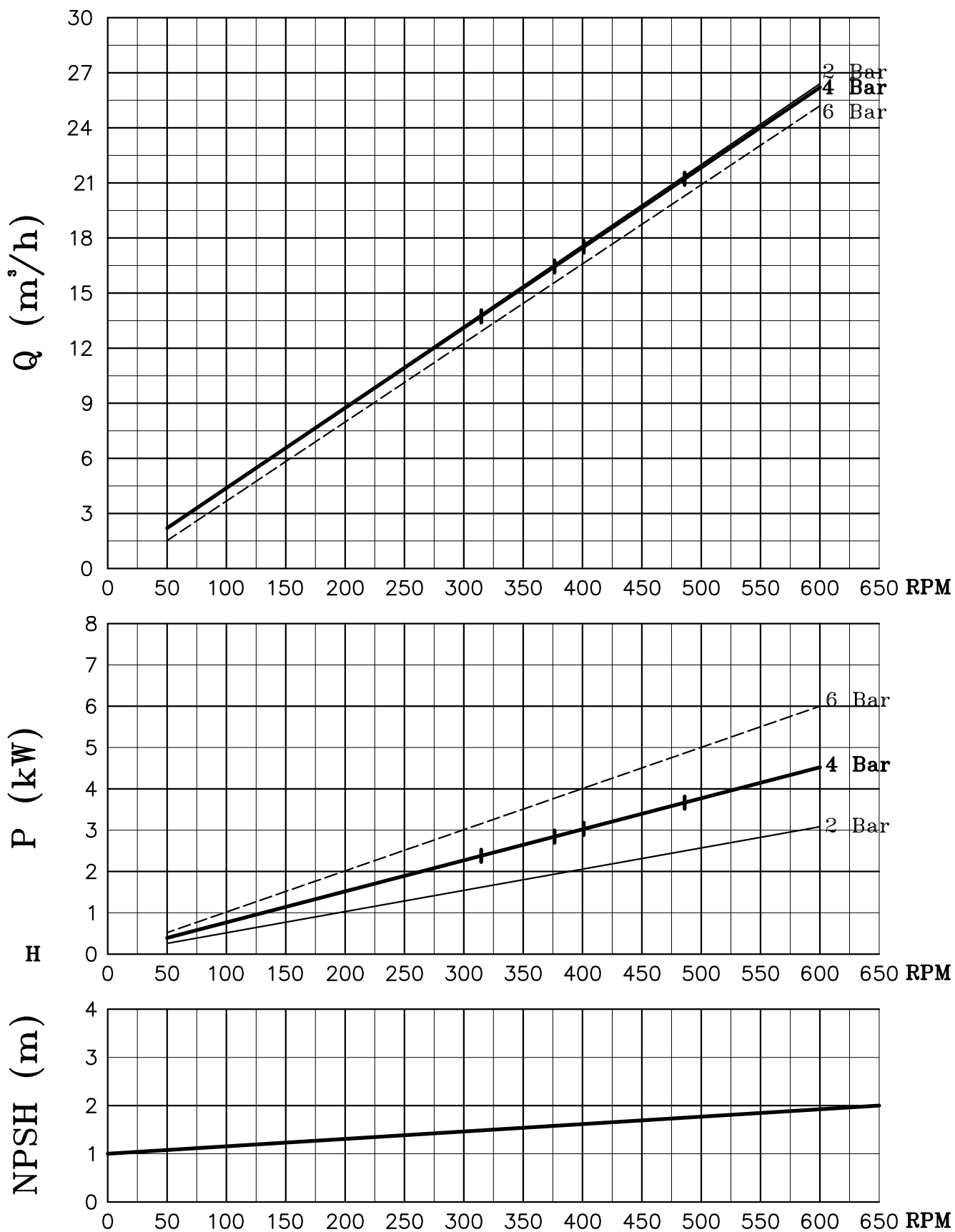
Curva / Curve / Courbe

Bomba serie
Pump serie
Pompe serie

KL

R.P.M.

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Dibujado/Drawn

Zendoia

28-10-13

Comprobado/Check

Ruiz

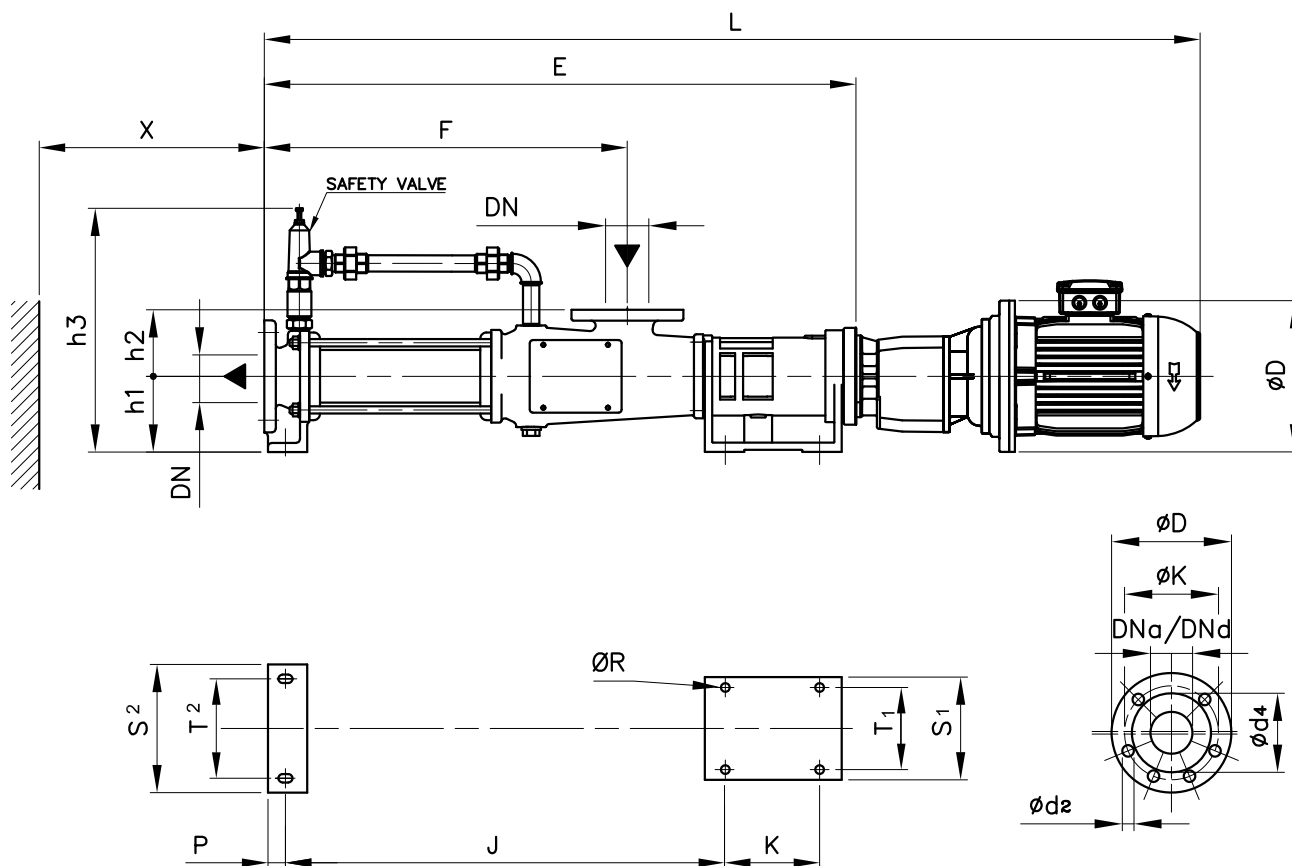
28-10-13

Ref. DC-KL30S60.0-1800



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pumps

Serie KL Series



DIN 2501, Pn16

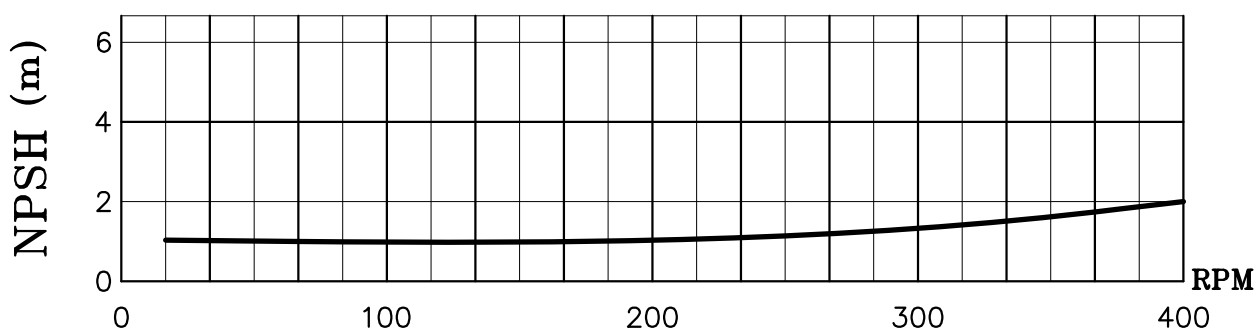
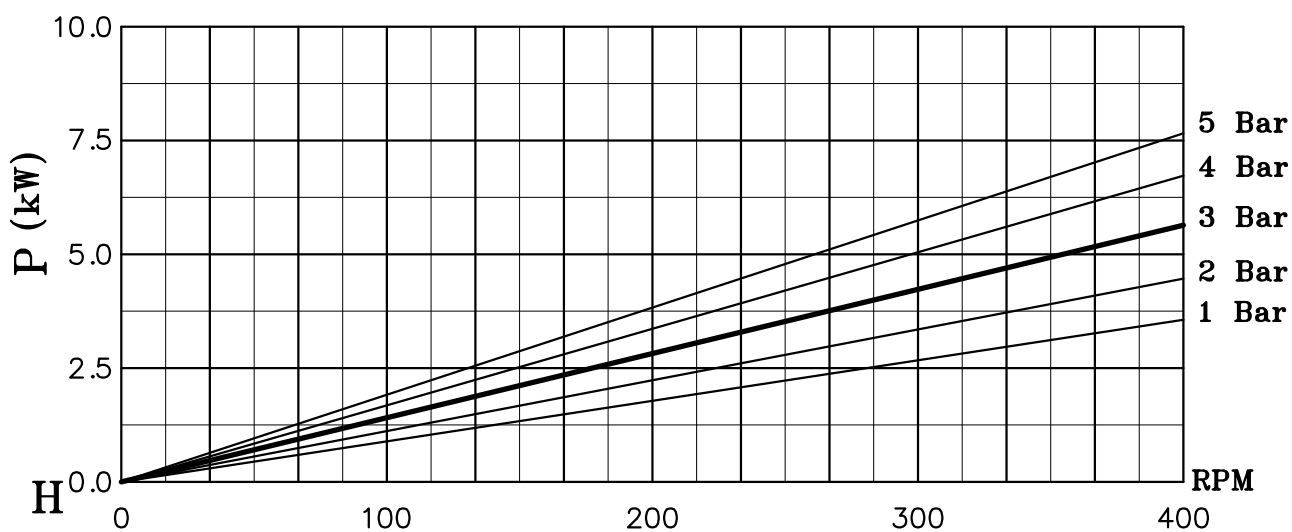
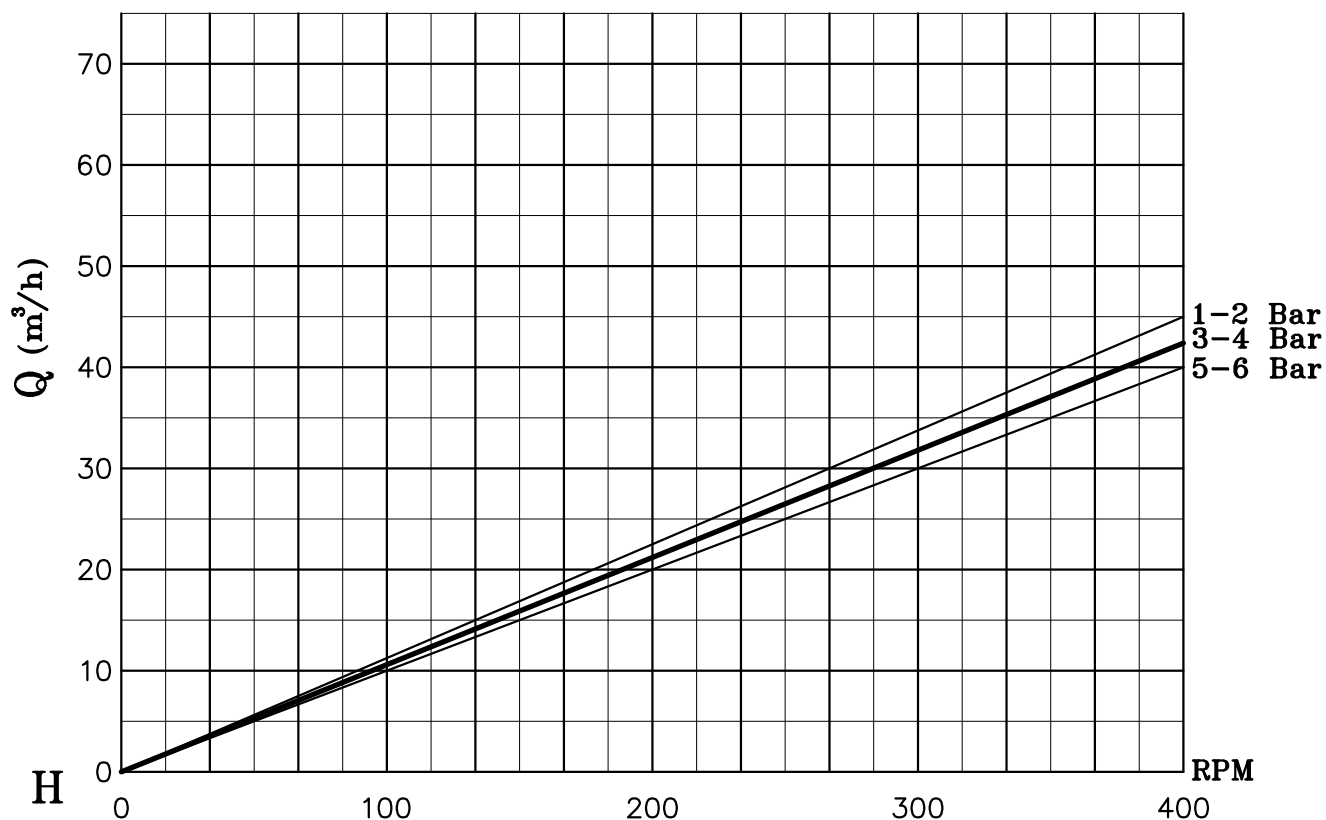
Dna	Dnd	65
d4		122
K		145
D		185
N°		4
d2		18

Tipo / Type	DN	F	E	L	h1	h2	h3	ØD	J	K	S ₁	T ₁	S ₂	T ₂	ØR	X
KL30S40.0	65	540	918	1487	125	110	405	250	667	156	178	140	178	140	16	220
KL30S50.0	65	600	978	1547	125	110	405	250	727	156	178	140	178	140	16	290
KL30S60.0	65	652	1036	1656 1777	125	110	424	250 300	779	156	178	140	178	140	16	340



Tipo/Type: KL50S80.0	Curva / Curve / Courbe		R.P.M.
	Bomba serie Pump serie Pompe serie	KL	

KL



Dibujado/Drawn	Zendoa	28-10-09
Comprobado/Check	Aguirre	28-10-09
Ref. DC-KL50S80.0		

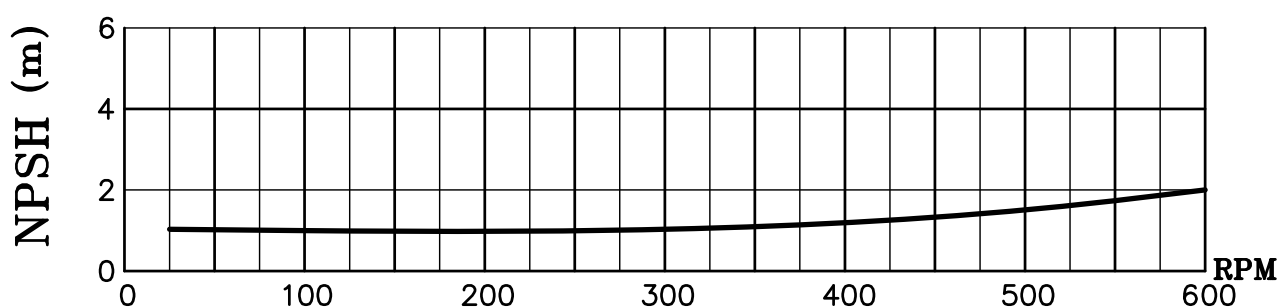
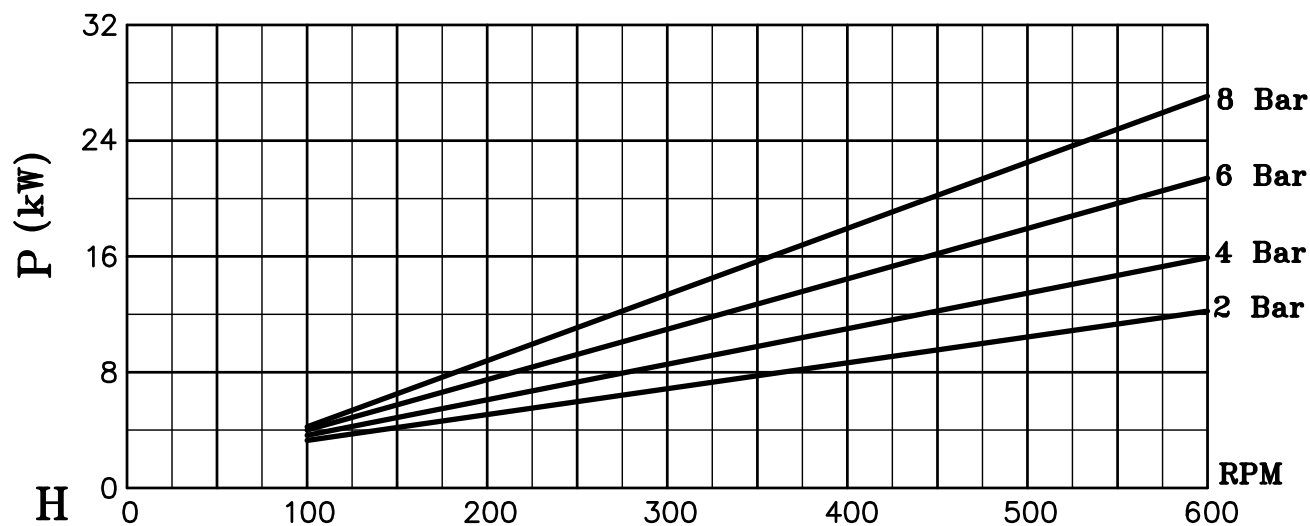
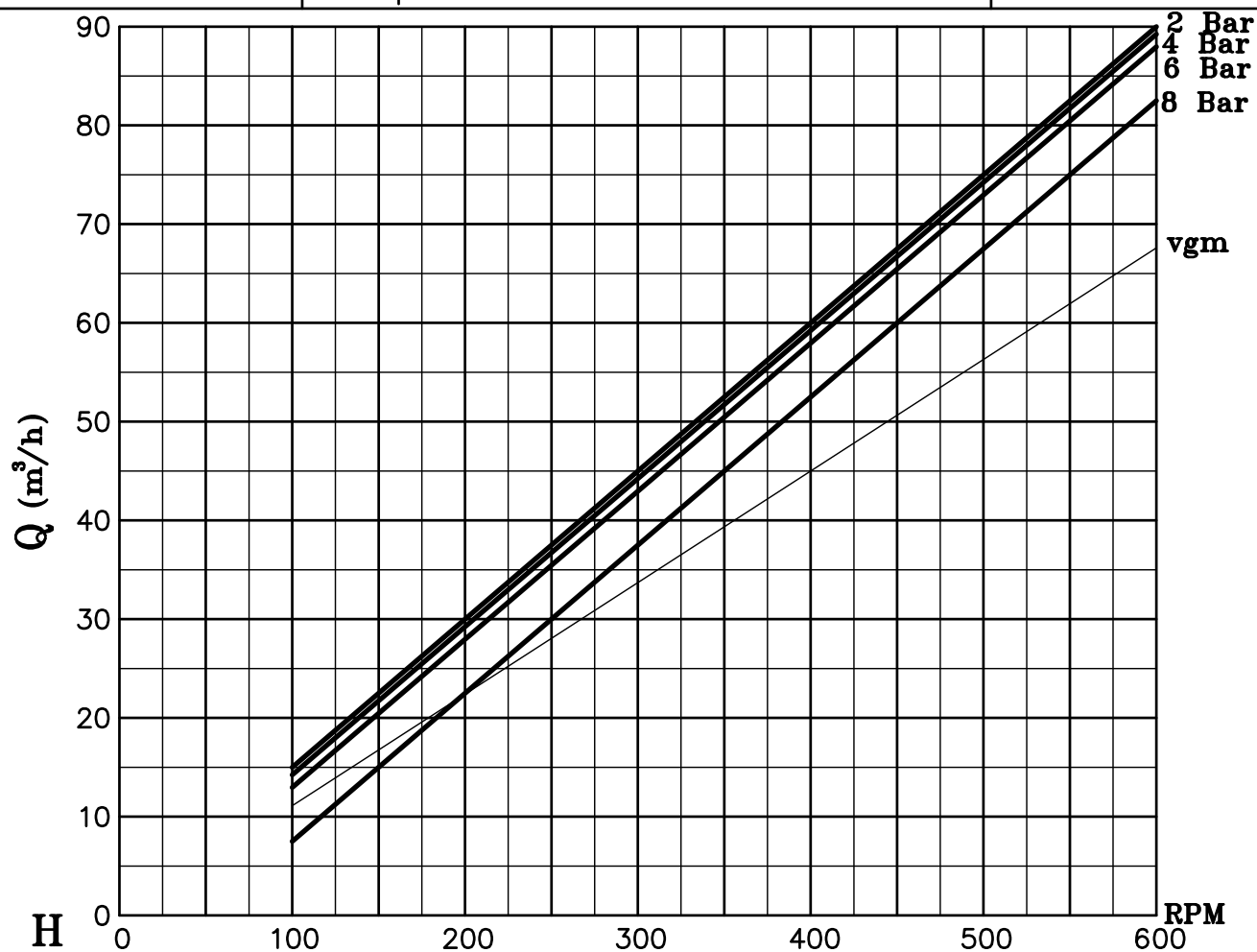
Tipo/Type:
KL50S90.0

Curva / Curve / Courbe

Bomba serie
Pump serie
Pompe serie

KL

R.P.M.



Dibujado/Drawn Zendoia 28-10-09

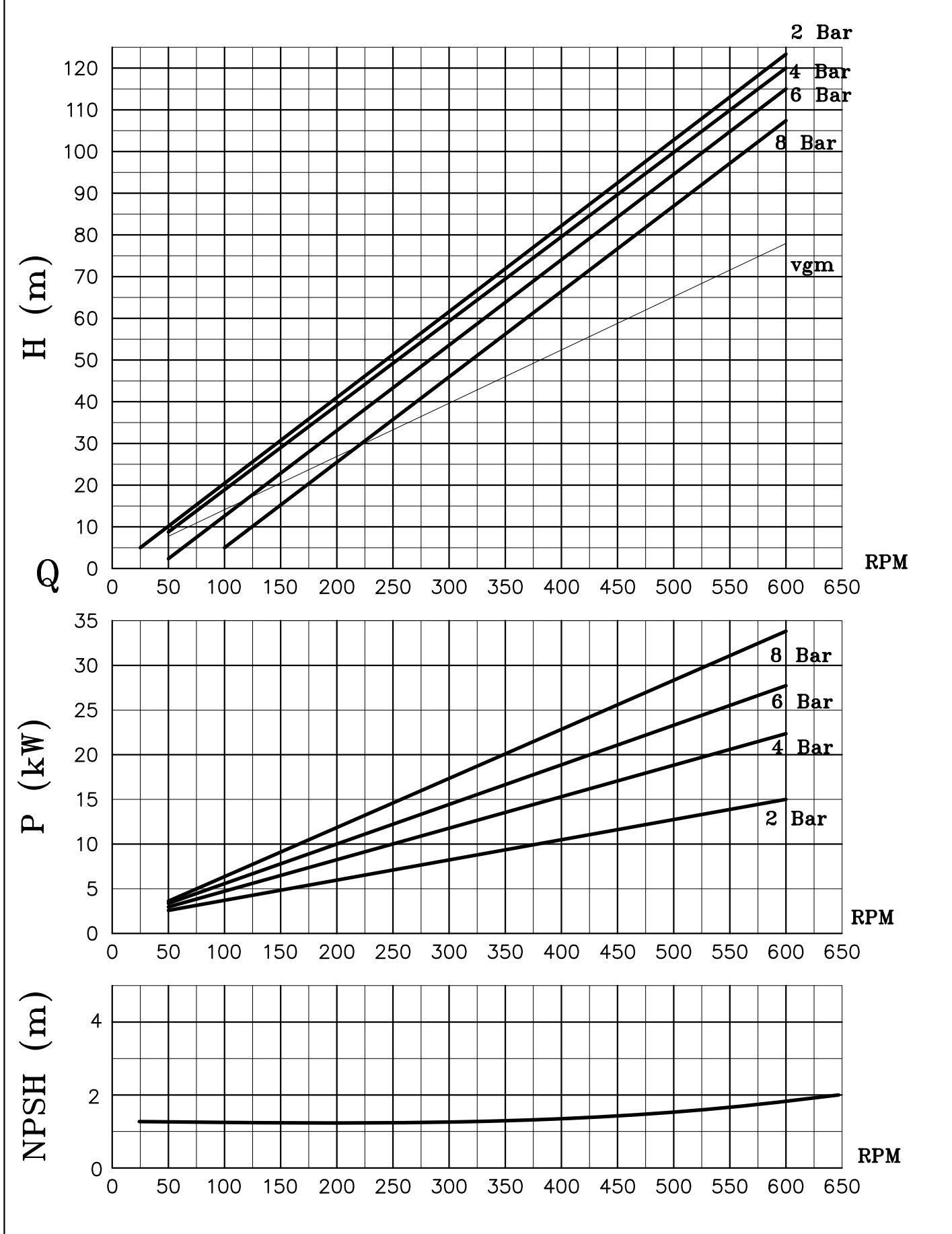
Comprobado/Check Aguirre 28-10-09

Ref. DC-KL50S90.0



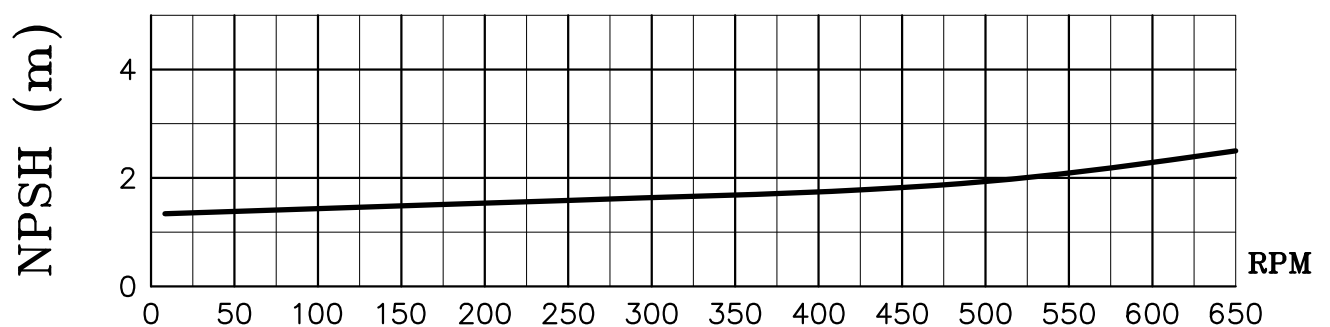
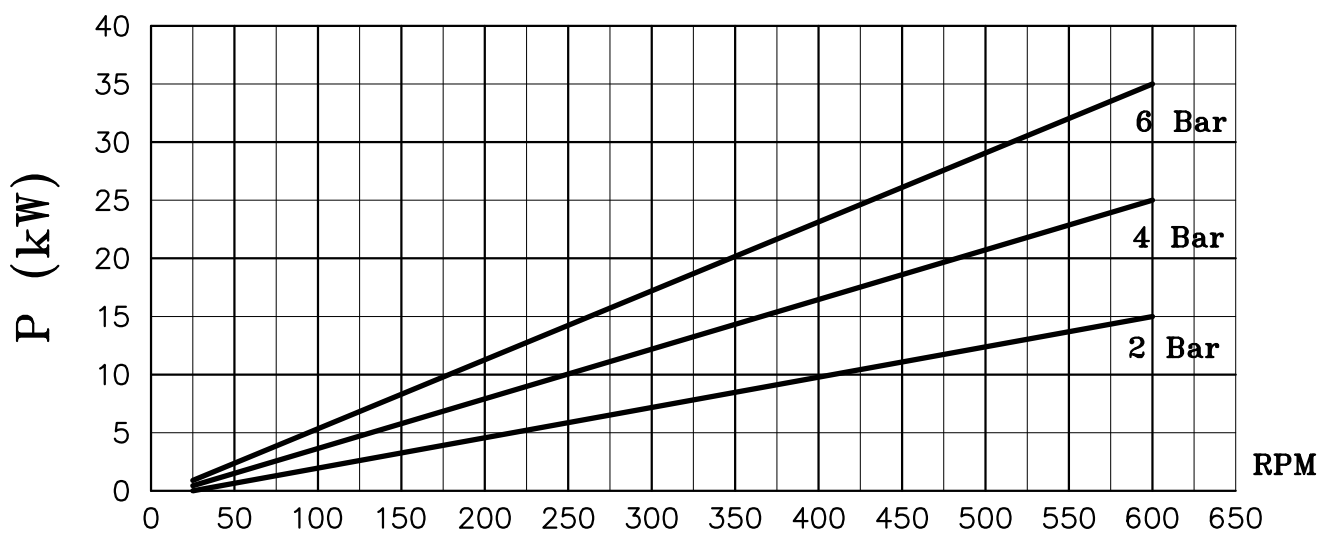
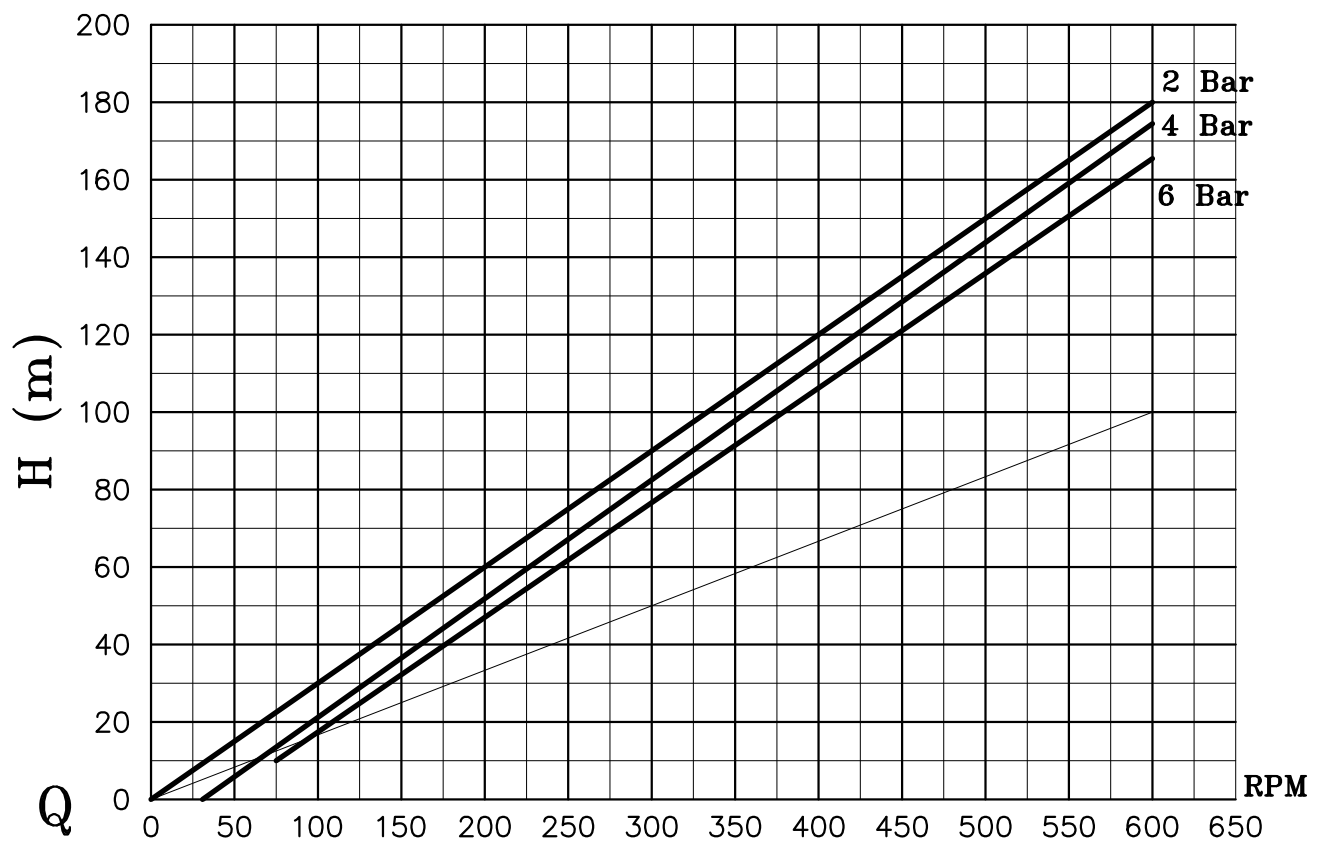
azcue
pumps

Tipo/Type: KL50S101.0	Curva / Curve / Courbe	R.P.M.
	Bomba serie Pump serie Pompe serie	
	KL	



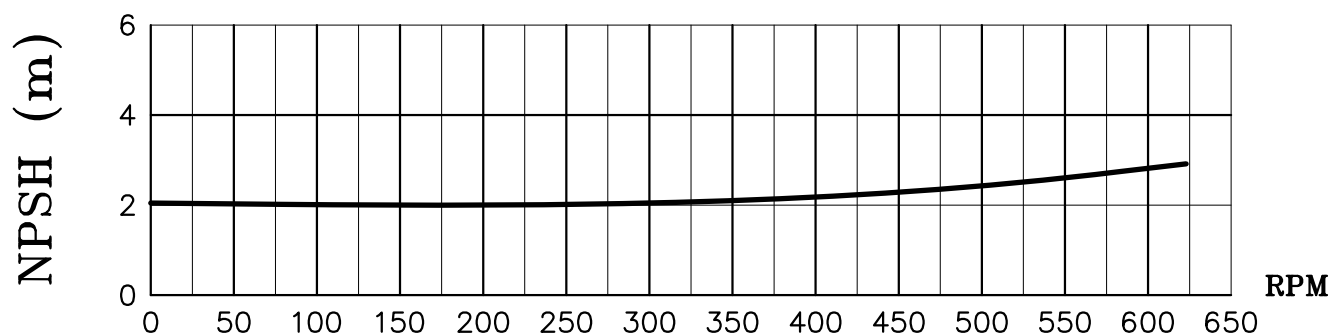
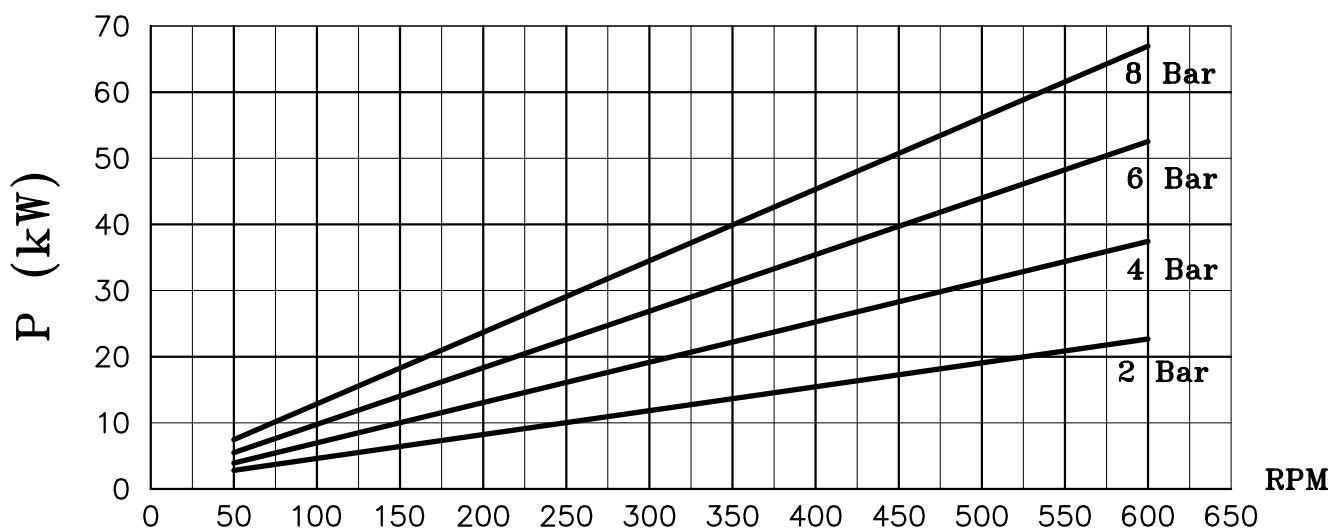
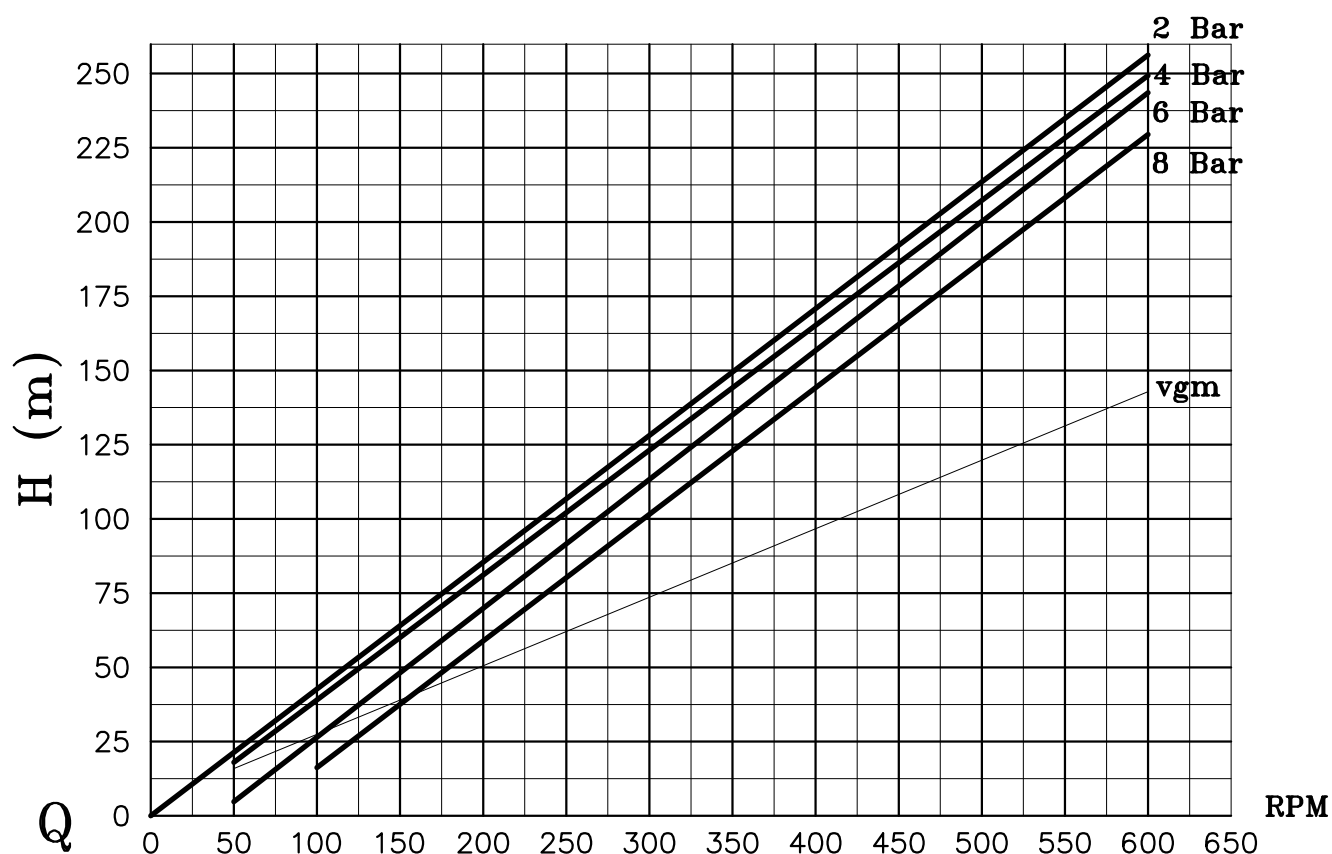
Dibujado/Drawn	Ruiz	15-03-18
Comprobado/Check	Zendoia	15-03-18
Ref. DC-KL50S101.0		

Tipo/Type: KL65S110.0	Curva / Curve / Courbe	R.P.M.
	Bomba serie Pump serie Pompe serie KL	



Dibujado/Drawn	Ruiz	15-03-18
Comprobado/Check	Zendoia	15-03-18
Ref. DC-KL65S110.0		

Tipo/Type: KL65S125.0	Curva / Curve / Courbe		R.P.M.
	Bomba serie Pump serie Pompe serie	KL	



Dibujado/Drawn	Ruiz	15-03-18
Comprobado/Check	Zendoia	15-03-18
Ref. DC-KL65S125.0		

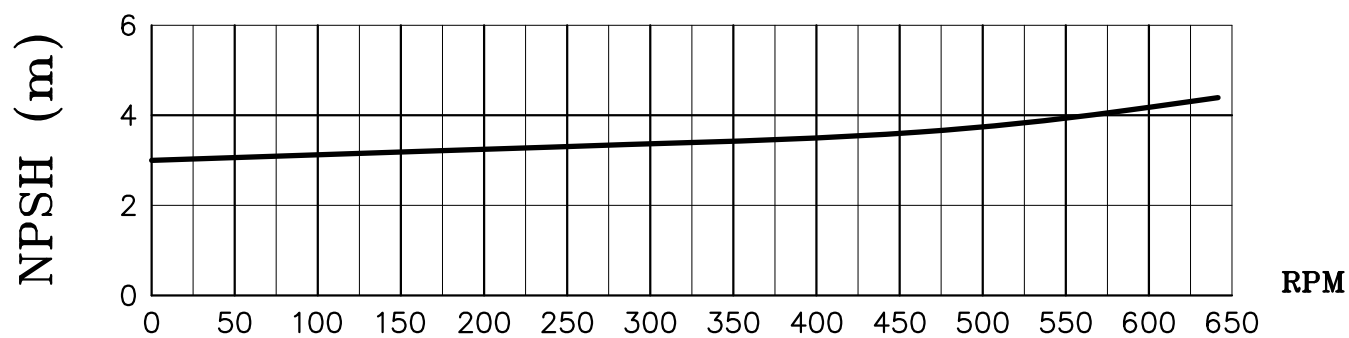
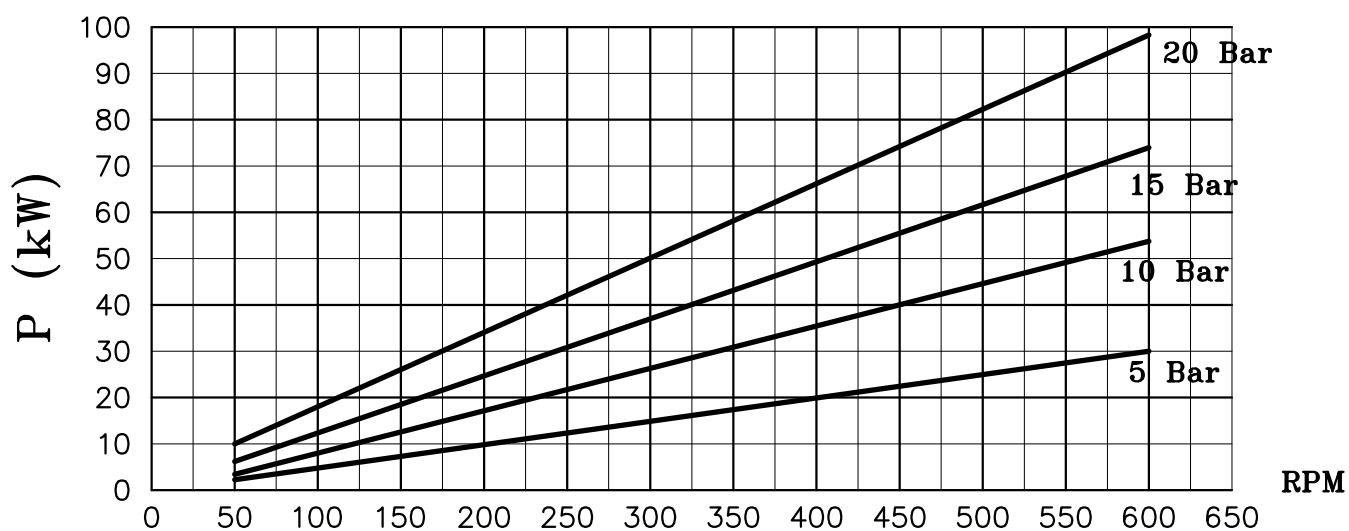
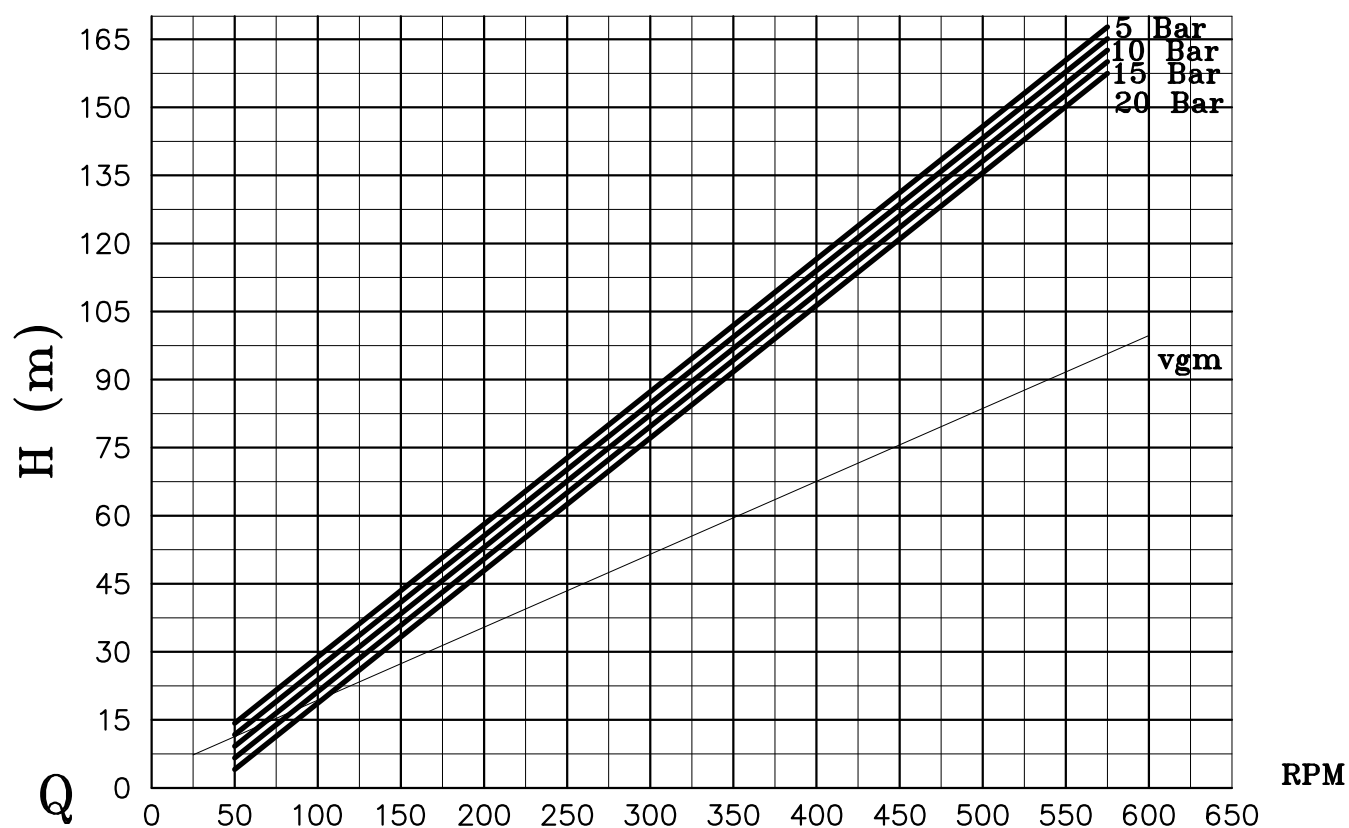
Tipo/Type:
KL65S114.2

Curva / Curve / Courbe

Bomba serie
Pump serie
Pompe serie

KL

R.P.M.



Dibujado/Drawn Ruiz 15-03-18

Comprobado/Check Zendoia 15-03-18

Ref. DC-KL65S114.2



Tipo/Type:
KL80S140.0

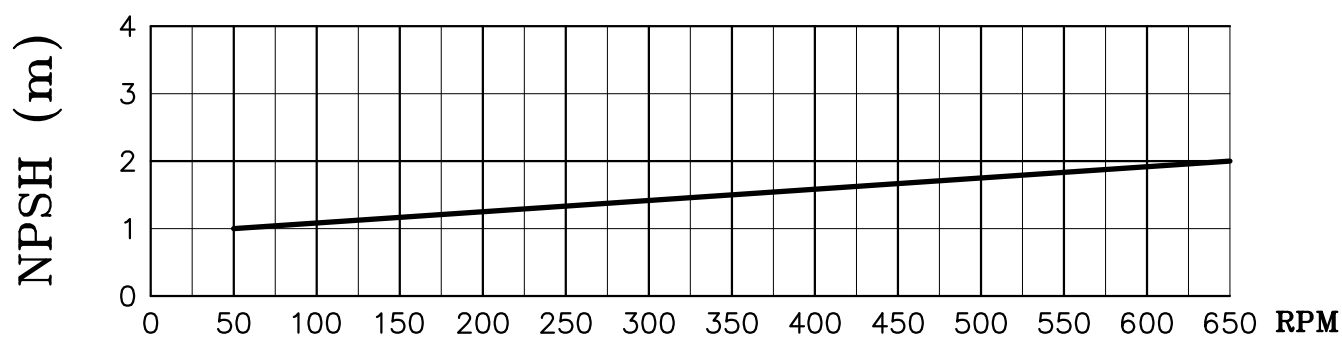
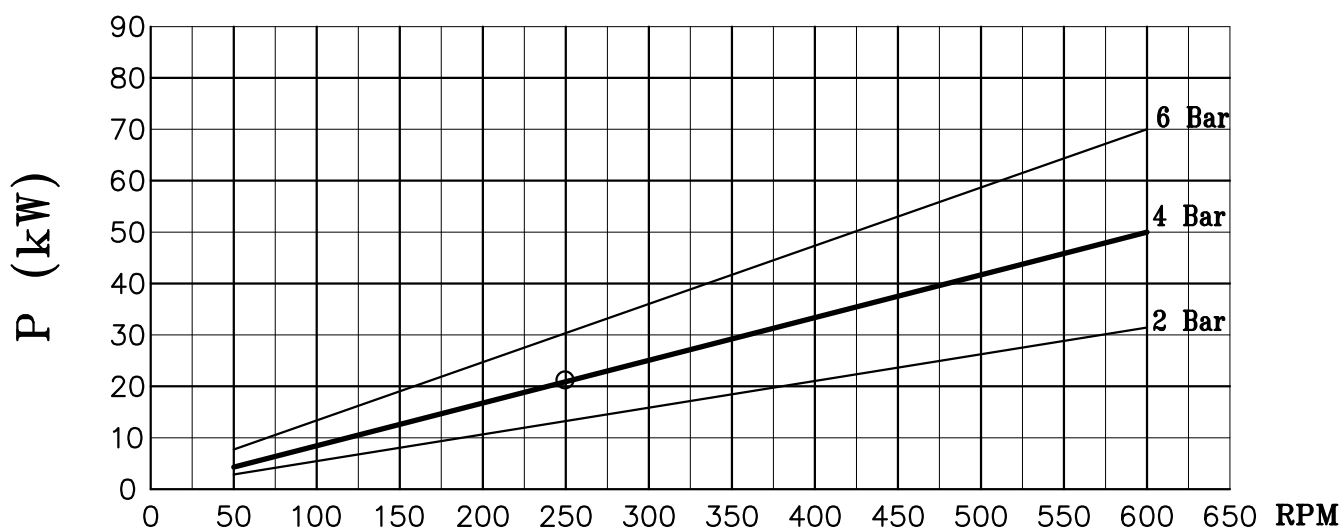
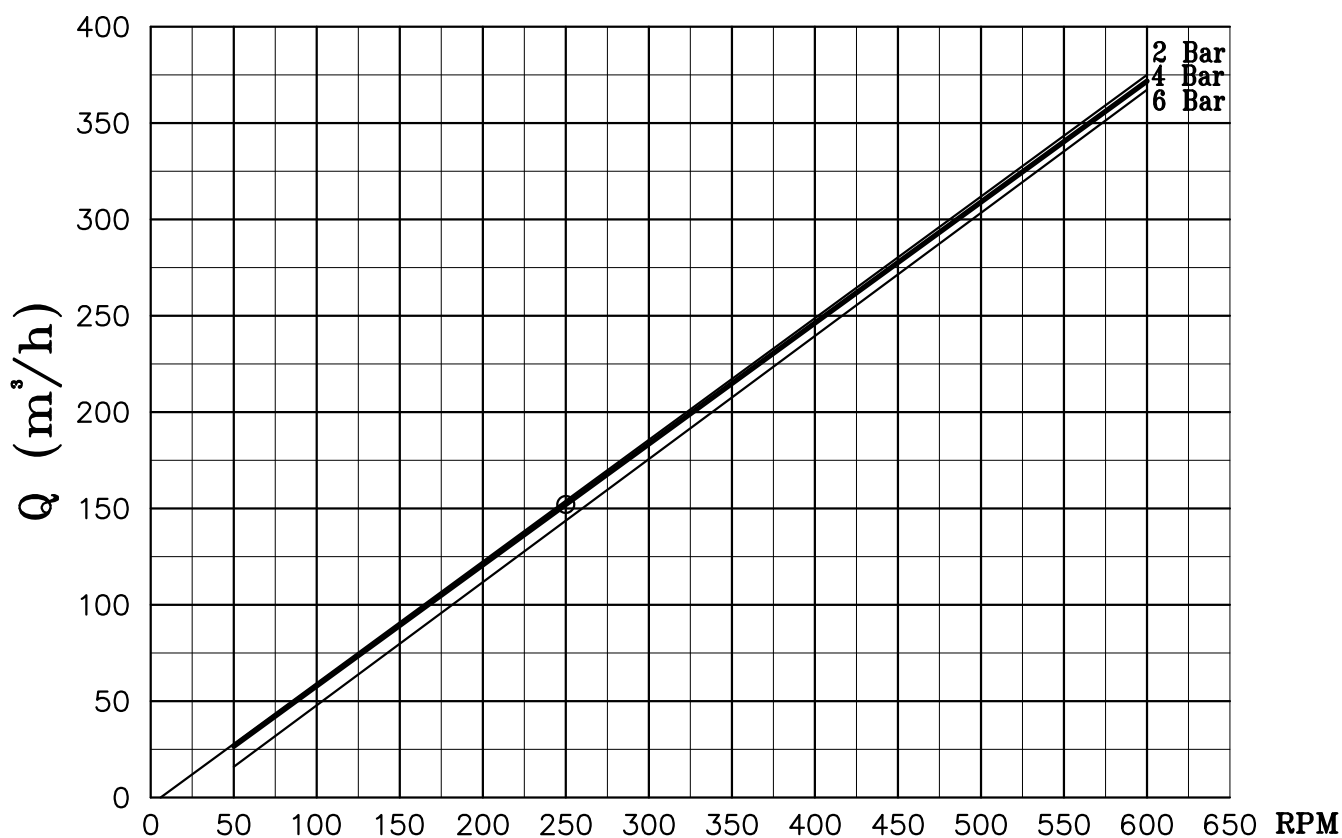
Curva / Curve / Courbe

Bomba serie
Pump serie
Pompe serie

KL

R.P.M.

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Dibujado/Drawn Zendoia 27-8-13

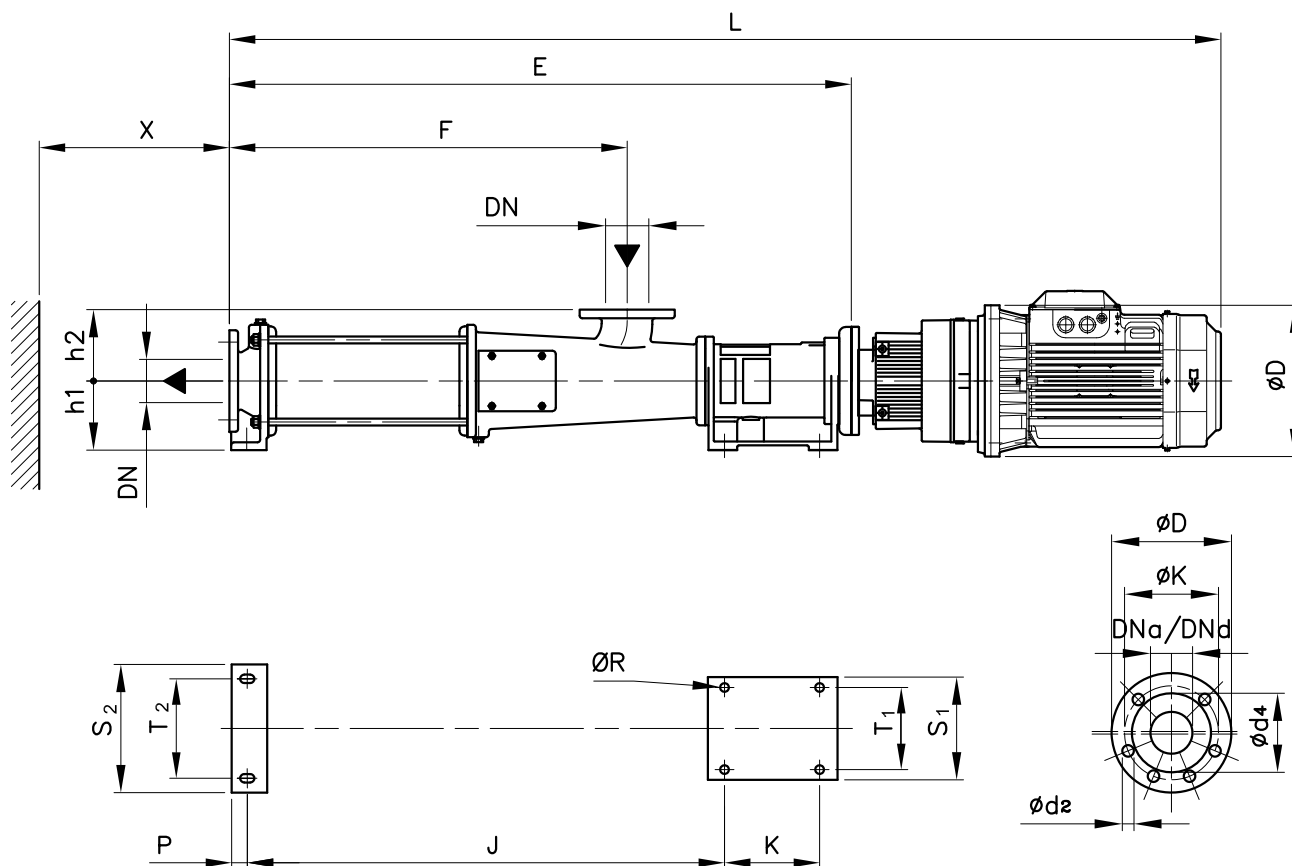
Comprobado/Check Ruiz 27-8-13

Ref. DC-KL80S140.0-1800



azcue
pumps

Serie KL Series



DIN 2501, Pn16

Dna \ Dnd	65	100	150	200
d4	122	158	212	268
K	145	180	240	295
D	185	220	285	344
N°	4	8	8	12
d2	18	18	22	22

DIN 2501, Pn40

*KL65S114.2 Outlet

Dna \ Dnd	150
d4	218
K	250
D	300
N°	8
d2	26

Tipo / Type	DN	F	E	L	h1	h2	ØD	J	K	S ₁	T ₁	S ₂	T ₂	ØR	X
KL50S80.0	100	920	1438	2098	160	165	300	1104	220	238	190	297	230	20	440
KL50S90.0	100	970	1488	2243	160	165	300	1154	220	238	190	297	230	20	610
KL50S101.0	100	1043	1561	2516	160	165	350	1227	220	238	230	297	230	20	580
KL65S110.0	150	1205	1925	2878	200	200	350	1495	270	160	116	160	116	18	610
KL65S125.0	150	1383	2103	3239	200	200	400	1673	270	160	116	160	116	18	800
KL65S114.2	150	1961	2682	4330	200	200	550	2250	270	160	116	160	116	20	680
KL80S140.0	200	1507	2303	3436	230	230	400	1812	300	260	200	260	200	26	800

