TISSEL-200

Electrobombas con variador de velocidad

Agua limpia

Uso agrícola

Uso civil

TS2-MK

TS2-FCR

TS2-PLURIJET

DESCRIPCIÓN

- Los **TISELL 200** son unidades de bombeo compactas, constituidas por una electrobomba centrífuga y por un regulador de velocidad (inverter) completo de sensores de presión externo que se debe instalar en un punto de la instalación.
- Robusto y sencillo de utilizar, TISSEL 100 es ideal para mantener siempre constante la presión de la instalación incluso cuando cambia el número de utilizos.
- Regulador de velocidad integrado con ventilación forzada y con grado de protección IP 54. Alimentado por una tensión alterna monofase (230±10% V - 50/60 Hz), suministra una tensión de salida alternada trifase que alimenta el motor de la electrobomba con clase de rendimiento IE3.
- Arranques y paradas progresivas de la bomba.
- Menor desgaste de la electrobomba gracias a la modulación de la velocidad de funcionamiento por parte del inverter.

PROTECCIÓN

- **Marcha en seco**
  La lógica del microprocesor detiene la bomba después de pocos segundos y realiza arranques programados en el tiempo para verificar el retorno del agua.
- **Marcha con presión inferior a la mínima programada**
  Detiene la bomba después de pocos segundos (por ejemplo cuando se produce la rúptura de una tuberia).
- **Corrientes – tensiones – temperaturas**
  Limita las corrientes; avisa si la tensión sobrepasa los límites consentidos; protege de sobre temperaturas y de cortocircuitos entre las fases en salida.

EJECUCIÓN Y NORMAS DE SEGURIDAD

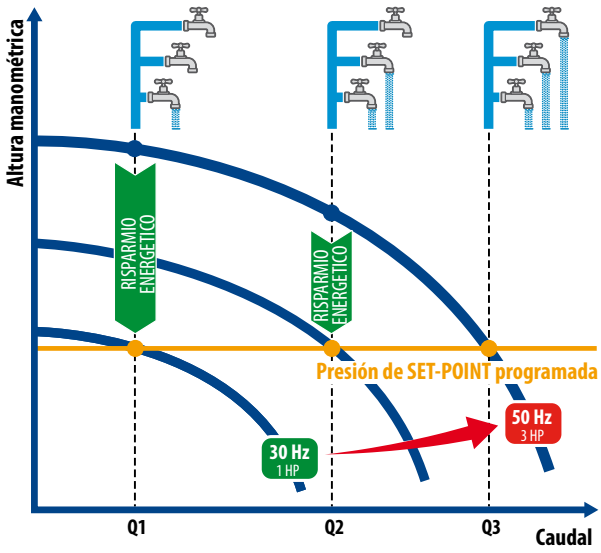
EN 60335-1
IEC 60335-1
CEI 61-150

EN 60034-1
IEC 60034-1
CEI 2-3

CE

AHORRO DE ENERGIA

Trabajando a velocidad variable, TISSEL-100 consume solamente la energia demandada por la instalación, en relación con la demanda ídrica.



CERTIFICACIONES

Empresa con sistema de gestión certificado DNV
ISO 9001: CALIDAD

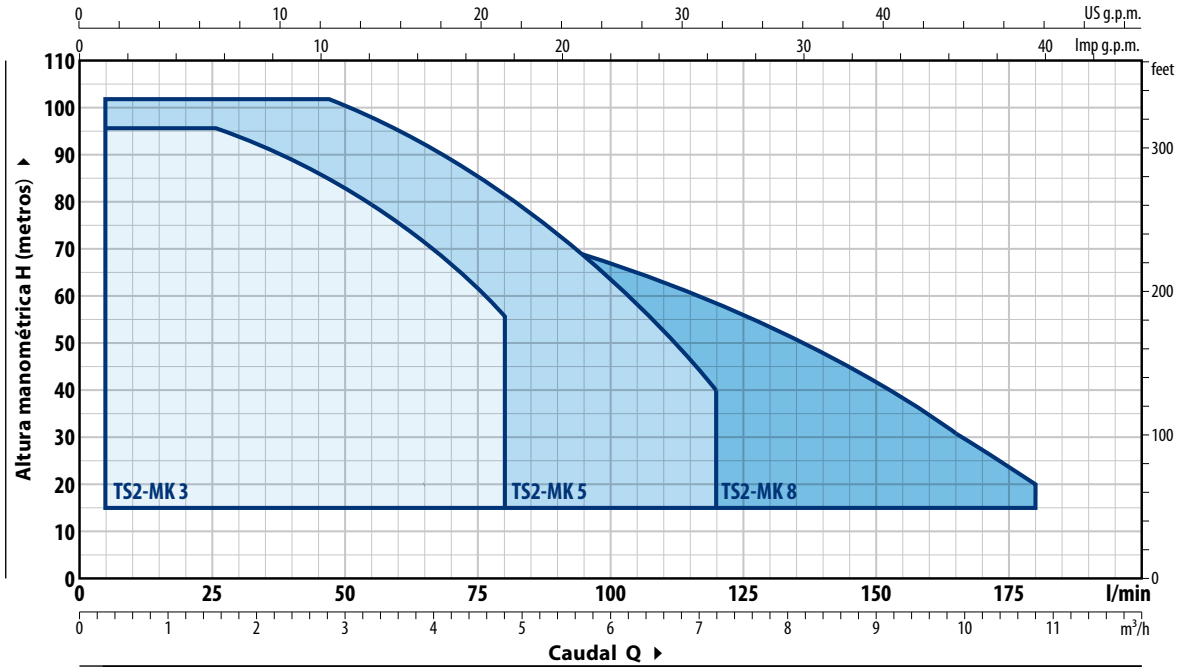
EAC

GARANTIA

2 años según nuestras condiciones generales de venta.

TISSEL-200 MK

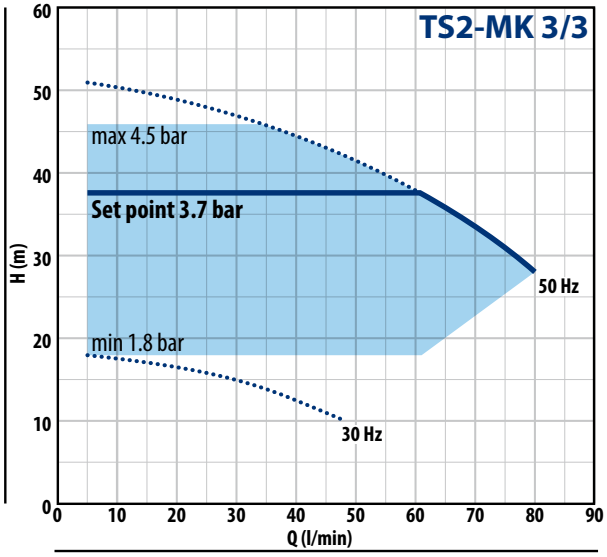
CAMPO DE PRESTACIONES n= 2900 min^{-1}

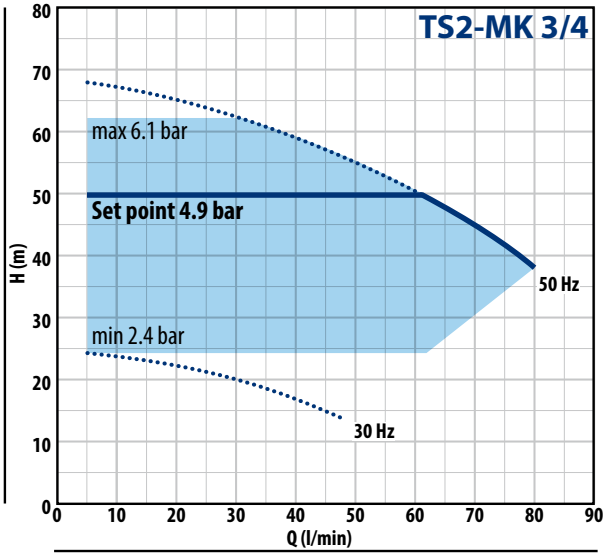


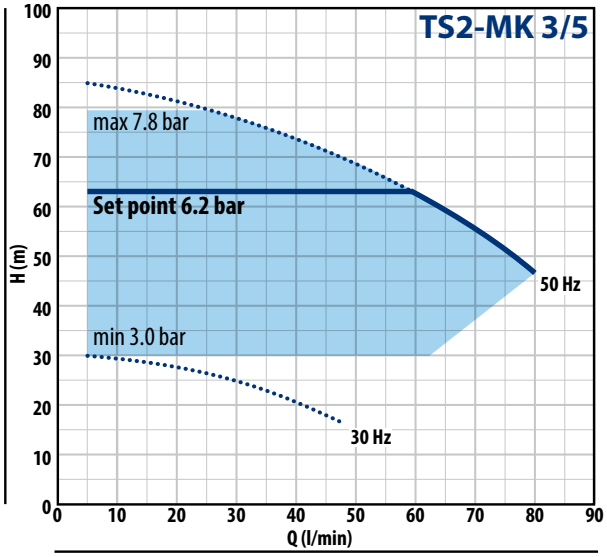
MODELO	POTENCIA P2			AMPERIOS 230 V	PRESTACIONES MÁXIMAS Q	PRESTACIONES MÁXIMAS H	PRESTACIONES (SET POINT REGULABLE) Set Point Min		Set Point Calibración Std		Set Point Max	
Monofásica	kW	HP	▲		l/min	metros	bar	l/min	bar	l/min	bar	l/min
TS2-MK 3/3	0.75	1		9.0 **A**	5 – 80	46 – 28	1.8	5 – 63	**3.7**	5 **– 58**	4.5	5 – 35
TS2-MK 3/4	1.1	1.5		9.0 **A**	5 – 80	62 – 38	2.4	5 – 62	**4.9**	5 **– 58**	6.1	5 – 33
TS2-MK 3/5	1.1	1.5		13.0 **A**	5 – 80	80 – 47	3.0	5 – 62	**6.2**	5 **– 58**	7.8	5 – 28
TS2-MK 3/6	1.5	2		13.0 **A**	5 – 80	96 – 56	3.6	5 – 63	**7.4**	5 **– 58**	9.4	5 – 25
TS2-MK 5/4	1.1	1.5		10.0 **A**	5 – 120	50 – 20	2.0	5 – 120	**3.7**	5 **– 85**	4.9	5 – 48
TS2-MK 5/5	1.1	1.5		12.0 **A**	5 – 120	63 – 25	2.5	5 – 120	**4.6**	5 **– 85**	6.2	5 – 48
TS2-MK 5/6	1.5	2	**IE3**	13.5 **A**	5 – 120	78 – 30	3.0	5 – 120	**5.5**	5 **– 85**	7.6	5 – 45
TS2-MK 5/7	1.8	2.5		16.0 **A**	5 – 120	92 – 34	3.5	5 – 118	**6.5**	5 **– 85**	9.0	5 – 43
TS2-MK 5/8	2.2	3		17.5 **A**	5 – 120	102 – 40	4.0	5 – 120	**7.5**	5 **– 85**	10.0	5 – 46
TS2-MK 8/4	1.5	2		14.0 **A**	5 – 180	50 – 15	2.0	5 – 167	**3.7**	5 **– 120**	4.9	5 – 70
TS2-MK 8/5	1.8	2.5		15.0 **A**	5 – 180	64 – 18	2.5	5 – 167	**4.8**	5 **– 120**	6.3	5 – 70
TS2-MK 8/6	2.2	3		16.0 **A**	5 – 180	80 – 20	3.1	5 – 163	**5.5**	5 **– 120**	7.8	5 – 53

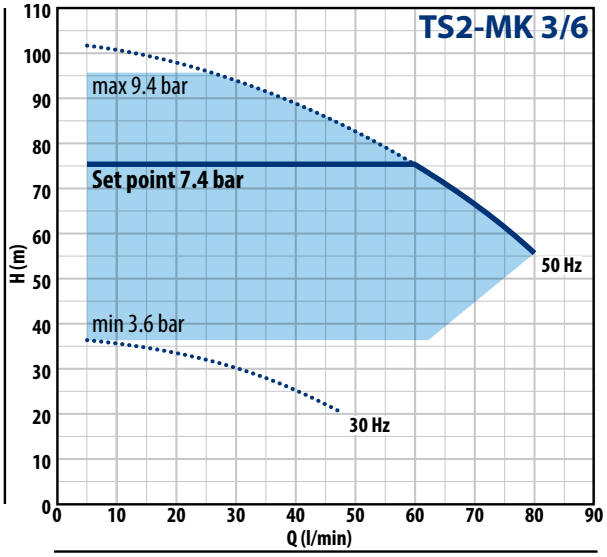
TISSEL-200 MK

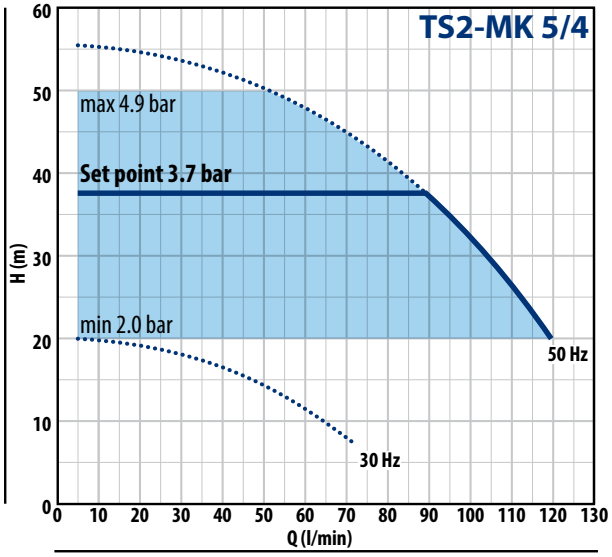
CURVAS DE PRESTACIONES n= 2900 min^{-1}

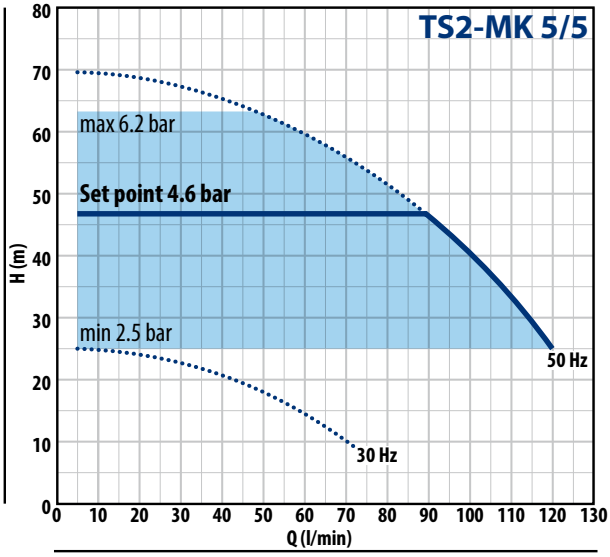




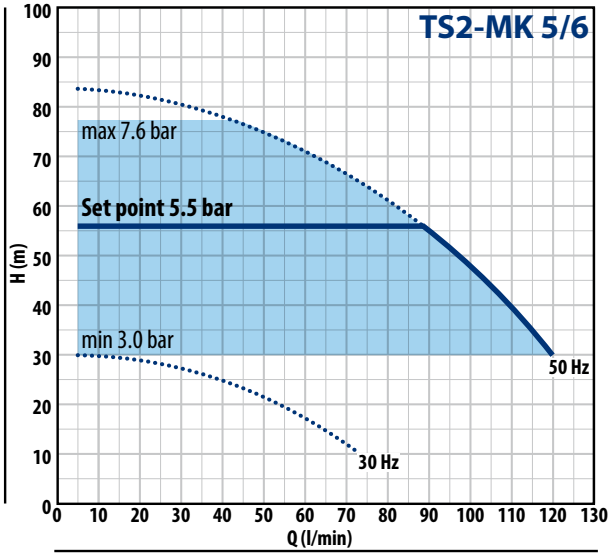


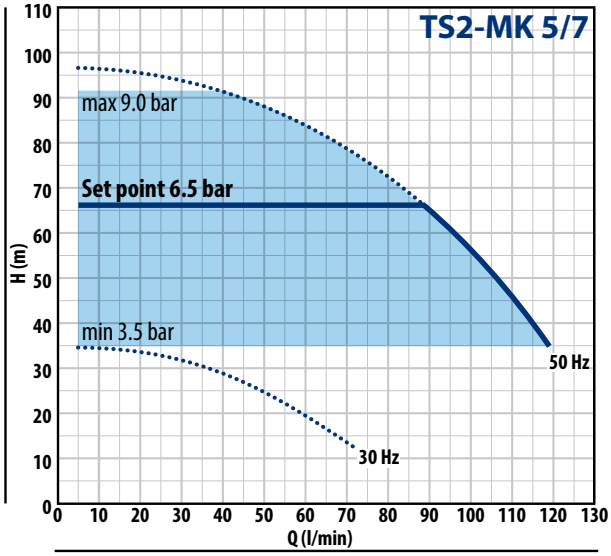


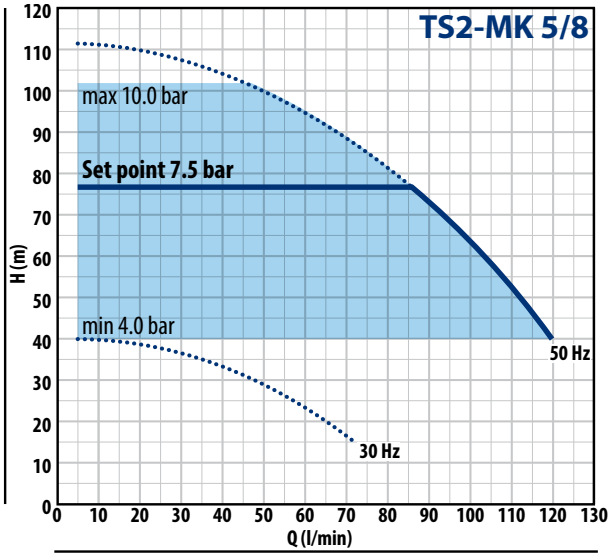


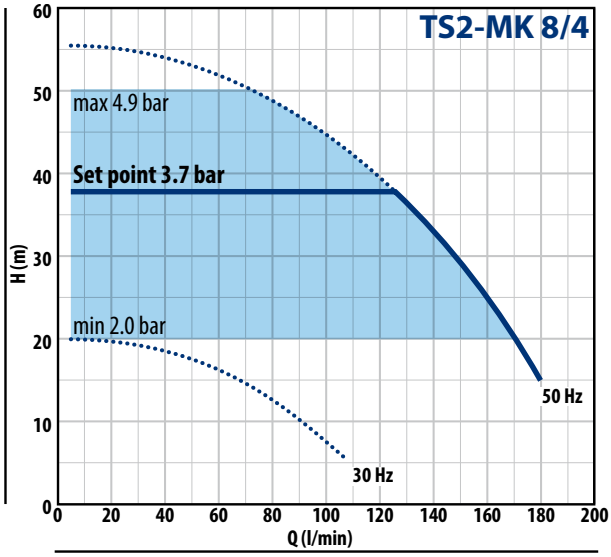


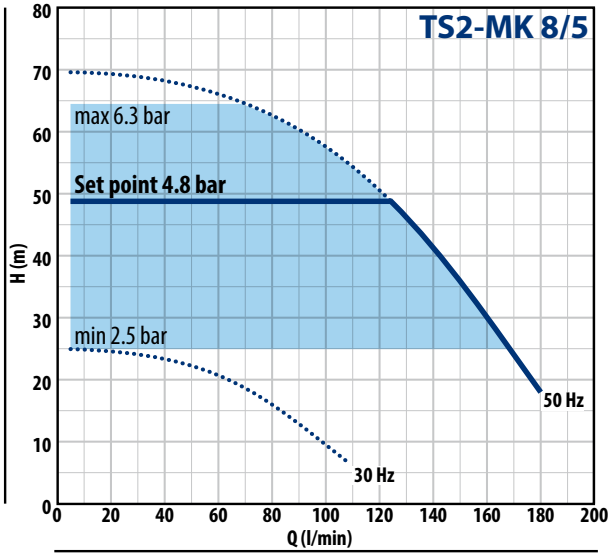
CURVAS DE PRESTACIONES n= 2900 min^{-1}

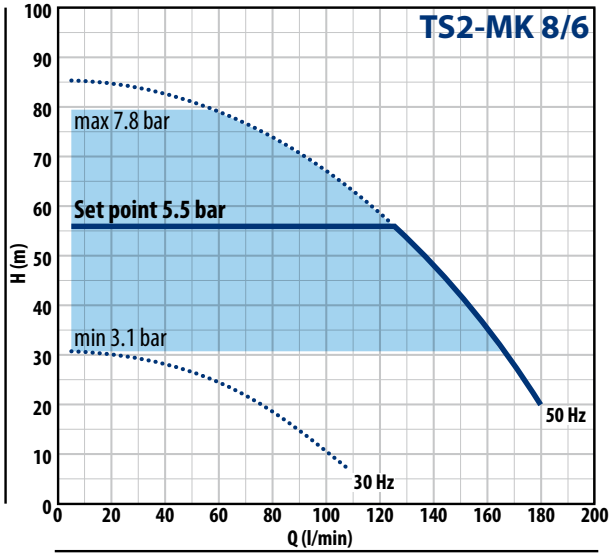






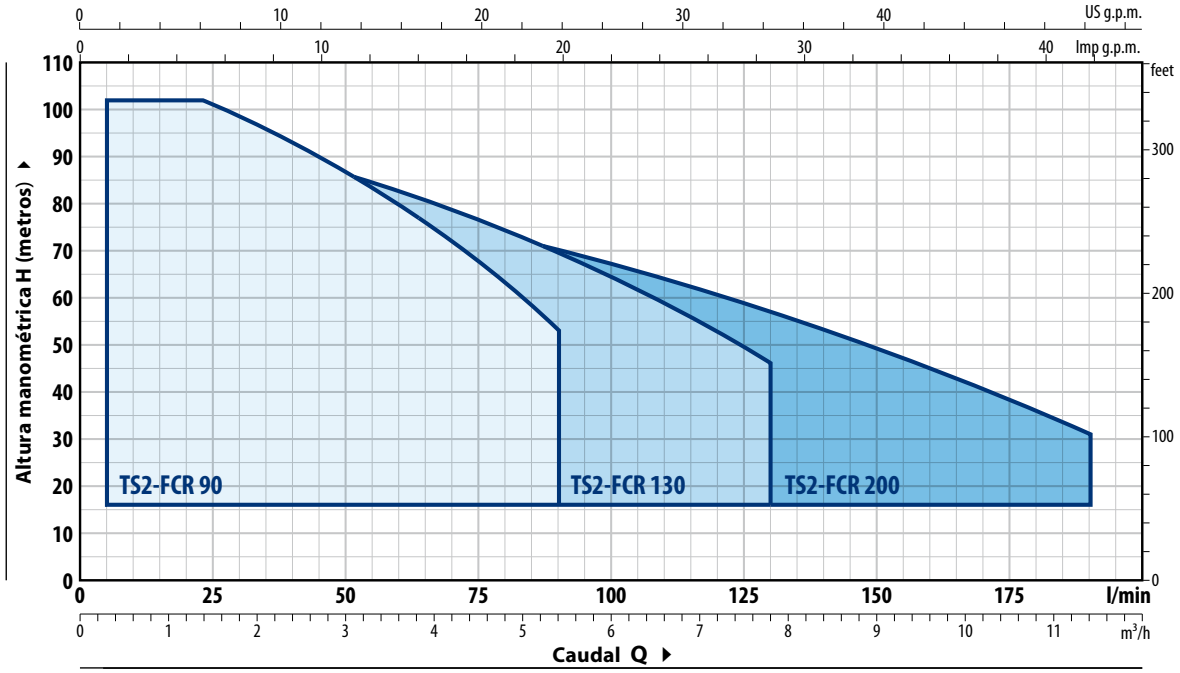






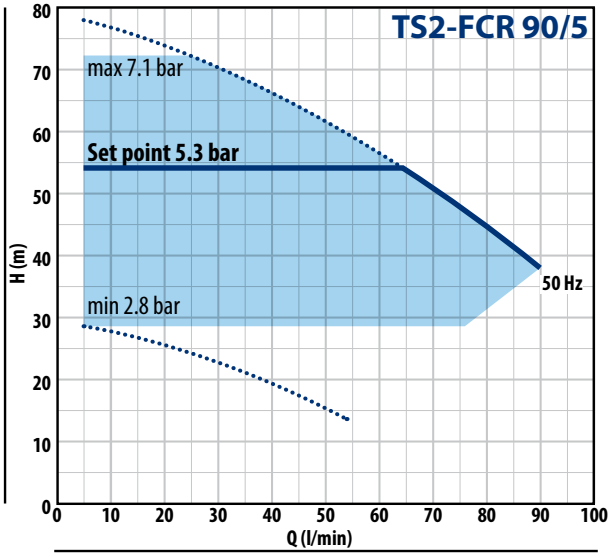
TISSEL-200 FCR

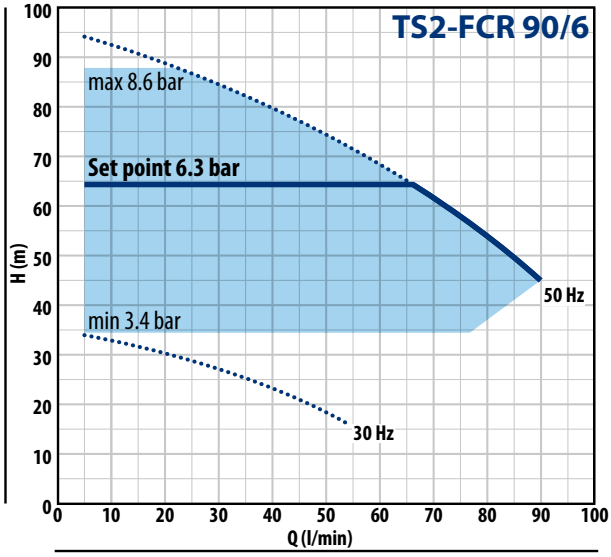
CAMPO DE PRESTACIONES n= 2900 min^{-1}

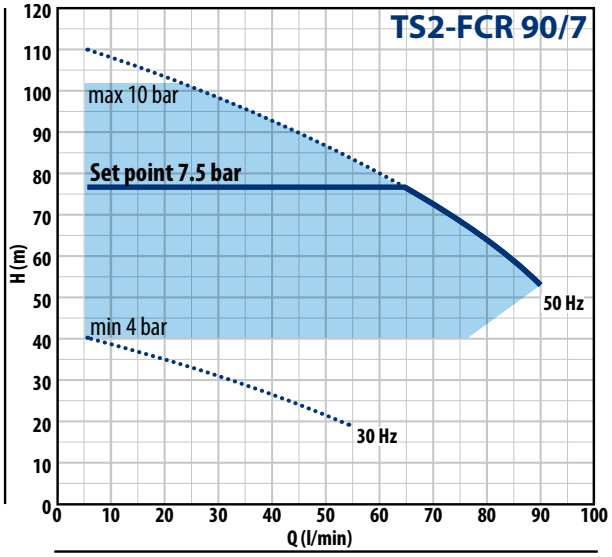


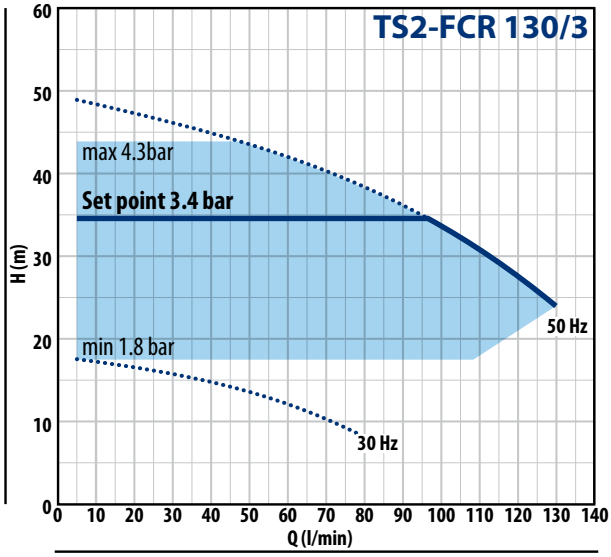
MODELO	POTENCIA			AMPERIOS	PRESTACIONES MÁXIMAS		PRESTACIONES (SET POINT REGULABLE)					
	P2			230 V	Q	H	Set Point Min		**Set Point Calibración Std**		Set Point Max	
Monofásica	kW	HP	▲		l/min	metros	bar	l/min	bar	l/min	bar	l/min
TS2-FCR 90/5	1.1	1.5		13.0 **A**	5 – 90	78 – 38	2.80	5 – 75	**5.30**	5 **– 65**	7.10	5 – 23
TS2-FCR 90/6	1.5	2		13.5 **A**	5 – 90	94 – 45	3.40	5 – 75	**6.30**	5 **– 65**	8.60	5 – 21
TS2-FCR 90/7	1.8	2.5		16.0 **A**	5 – 90	110 – 53	4.00	5 – 75	**7.50**	5 **– 65**	10.00	5 – 21
TS2-FCR 130/3	1.1	1.5		12.5 **A**	5 – 130	49 – 24	1.80	5 – 110	**3.40**	5 **– 92**	4.30	5 – 48
TS2-FCR 130/4	1.5	2		14.5 **A**	5 – 130	65 – 31	2.30	5 – 110	**4.40**	5 **– 92**	5.80	5 – 45
TS2-FCR 130/5	1.8	2.5	**IE3**	18.5 **A**	5 – 130	81 – 39	2.90	5 – 110	**5.50**	5 **– 92**	7.40	5 – 38
TS2-FCR 130/6	2.2	3		20.5 **A**	5 – 130	97 – 45	3.50	5 – 110	**6.50**	5 **– 92**	9.00	5 – 33
TS2-FCR 200/3	1.1	1.5		10.0 **A**	5 – 200	43 – 13	1.60	5 – 185	**2.80**	5 **– 133**	3.80	5 – 72
TS2-FCR 200/4	1.5	2		13.0 **A**	5 – 200	57 – 17	2.10	5 – 185	**3.60**	5 **– 133**	5.10	5 – 65
TS2-FCR 200/5	1.8	2.5		16.0 **A**	5 – 200	72 – 22	2.60	5 – 185	**4.60**	5 **– 133**	6.50	5 – 56
TS2-FCR 200/6	2.2	3		22.0 **A**	5 – 200	86 – 26	3.10	5 – 185	**5.50**	5 **– 133**	7.90	5 – 45

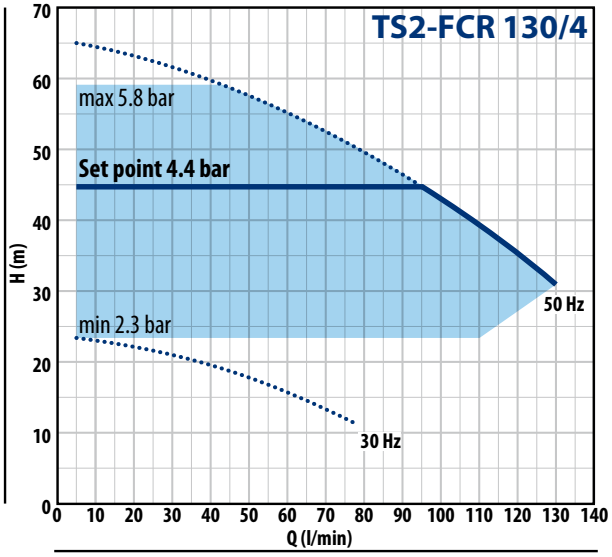
CURVAS DE PRESTACIONES n= 2900 min^{-1}

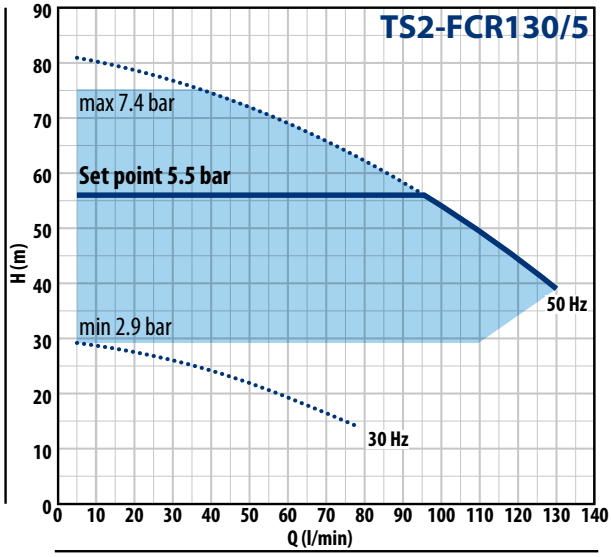






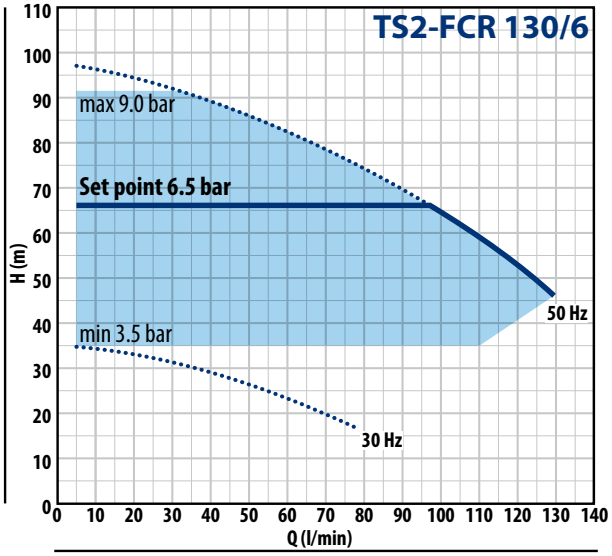


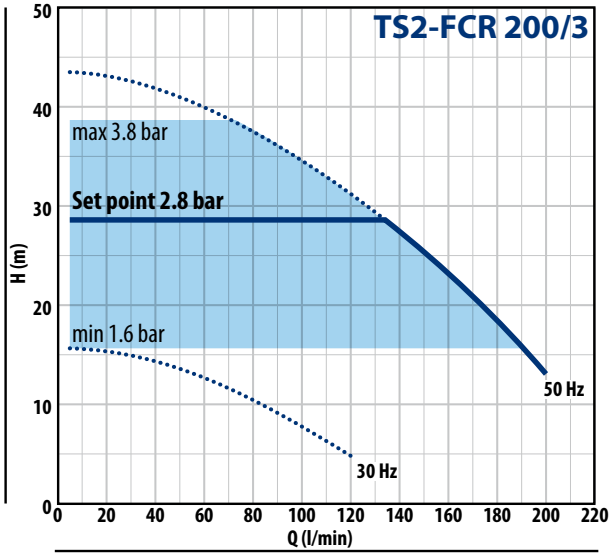


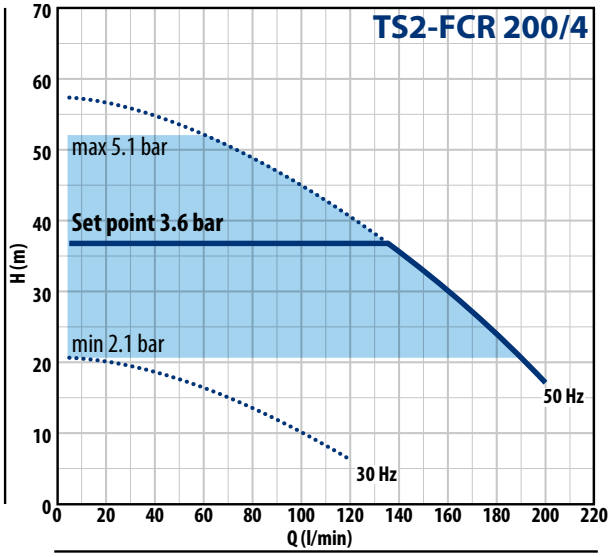


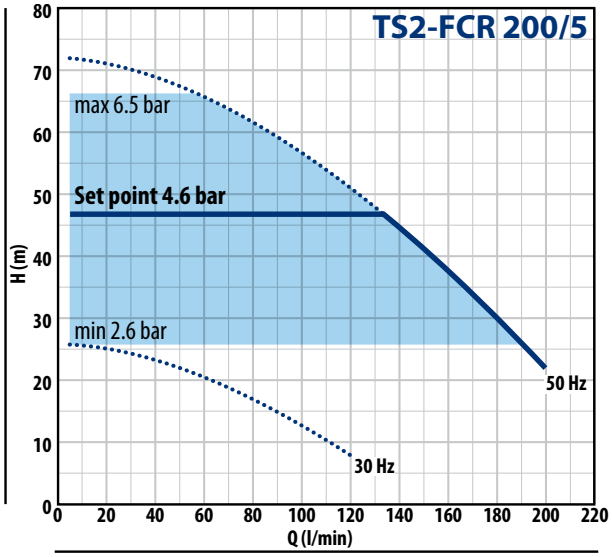
TISSEL-200 FCR

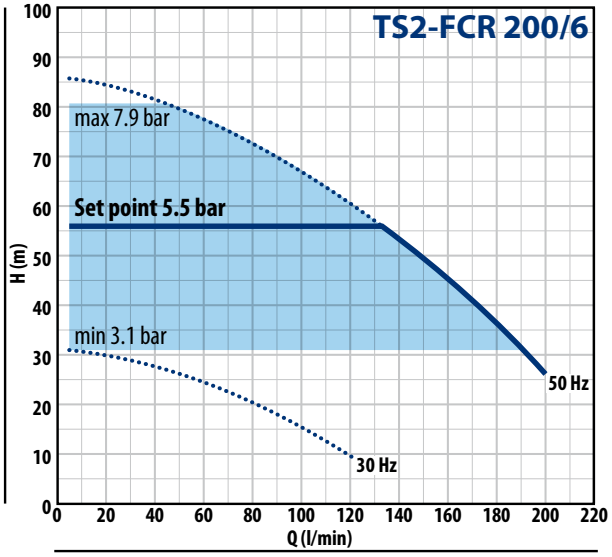
CURVAS DE PRESTACIONES n= 2900 min^{-1}





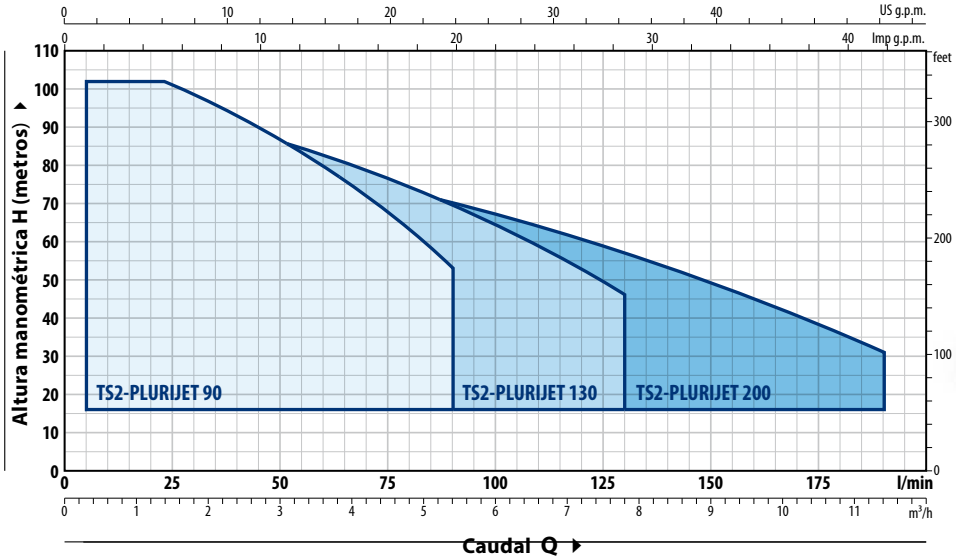






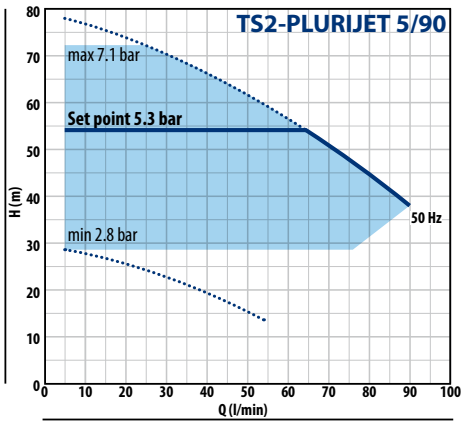
TISSEL-200 PLURIJET

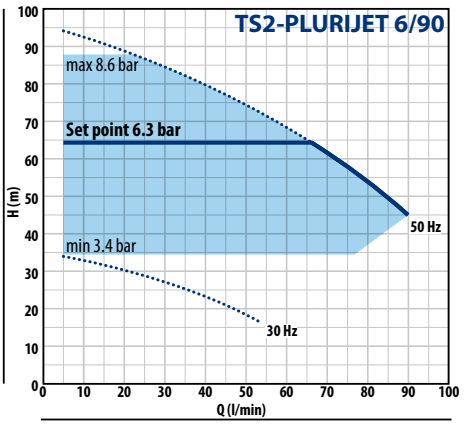
CAMPO DE PRESTACIONES n= 2900 min⁻¹

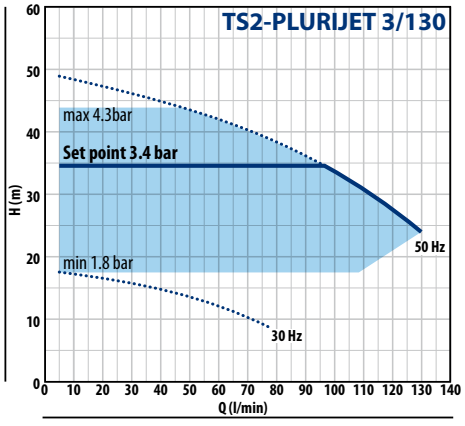


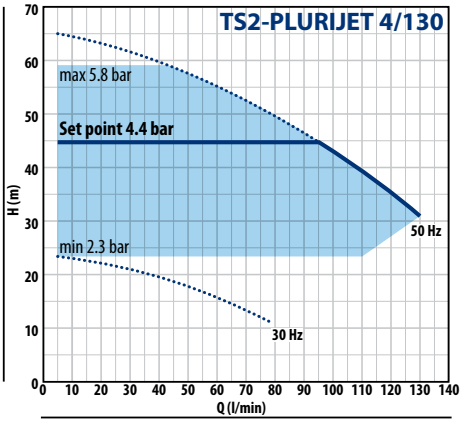
MODELO	POTENCIA P2			AMPERIOS	PRESTACIONES MÁXIMAS		PRESTACIONES (SET POINT REGULABLE)					
					Q	H	Set Point Min		Set Point Calibración Std		Set Point Max	
Monofásica	kW	HP	▲	230 V	l/min	metros	bar	l/min	bar	l/min	bar	l/min
TS2-PLURIJET 5/90	1.1	1.5	IE3	11.5 **A**	5 – 90	78 – 38	2.80	5 – 75	**5.30**	5 – **65**	7.10	5 – 23
TS2-PLURIJET 6/90	1.5	2		13.5 **A**	5 – 90	94 – 45	3.40	5 – 75	**6.30**	5 – **65**	8.60	5 – 21
TS2-PLURIJET 3/130	1.1	1.5		12.5 **A**	5 – 130	49 – 24	1.80	5 – 110	**3.40**	5 – **92**	4.30	5 – 48
TS2-PLURIJET 4/130	1.5	2		14.5 **A**	5 – 130	65 – 31	2.30	5 – 110	**4.40**	5 – **92**	5.80	5 – 45
TS2-PLURIJET 5/130	1.8	2.5		18.5 **A**	5 – 130	81 – 39	2.90	5 – 110	**5.50**	5 – **92**	7.40	5 – 38
TS2-PLURIJET 6/130	2.2	3		20.0 **A**	5 – 130	97 – 45	3.50	5 – 110	**6.50**	5 – **92**	9.00	5 – 33
TS2-PLURIJET 3/200	1.1	1.5		10.0 **A**	5 – 200	43 – 13	1.60	5 – 185	**2.80**	5 – **133**	3.80	5 – 72
TS2-PLURIJET 4/200	1.5	2		16.0 **A**	5 – 200	57 – 17	2.10	5 – 185	**3.60**	5 – **133**	5.10	5 – 65
TS2-PLURIJET 5/200	1.8	2.5		16.0 **A**	5 – 200	72 – 22	2.60	5 – 185	**4.60**	5 – **133**	6.50	5 – 56
TS2-PLURIJET 6/200	2.2	3		22.0 **A**	5 – 200	86 – 26	3.10	5 – 185	**5.50**	5 – **133**	7.90	5 – 45

CURVAS DE PRESTACIONES n= 2900 min⁻¹



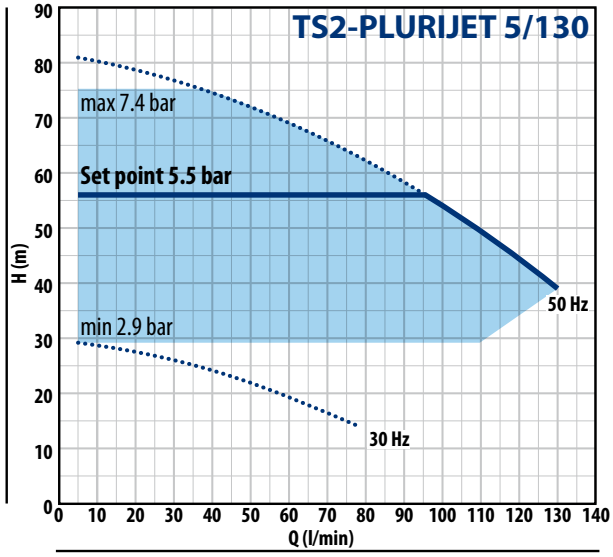


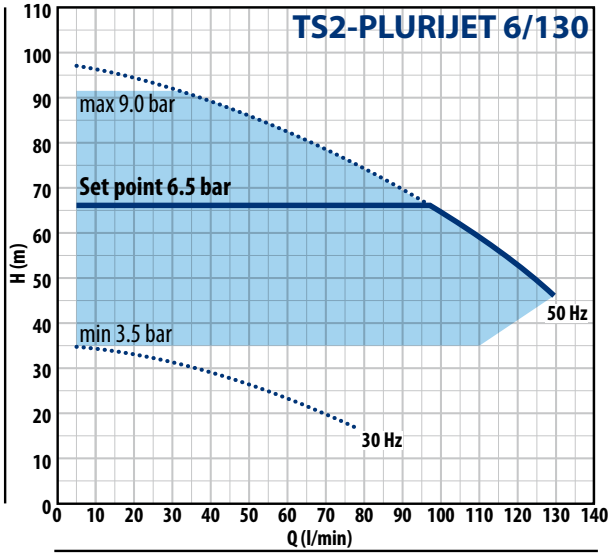


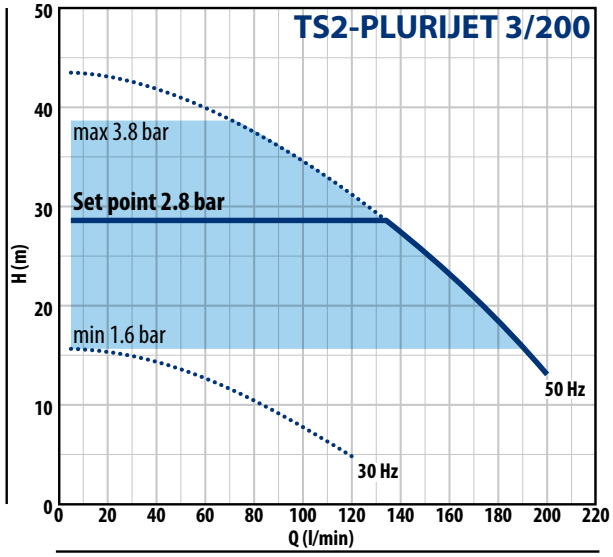


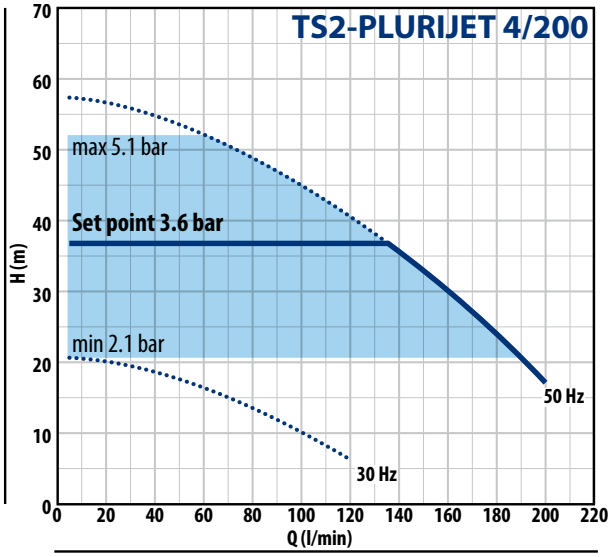
TISSEL-200 PLURIJET

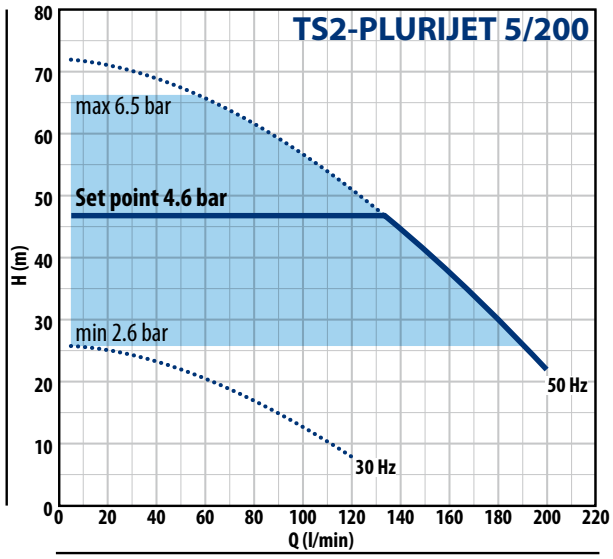
CURVAS DE PRESTACIONES n= 2900 min^{-1}

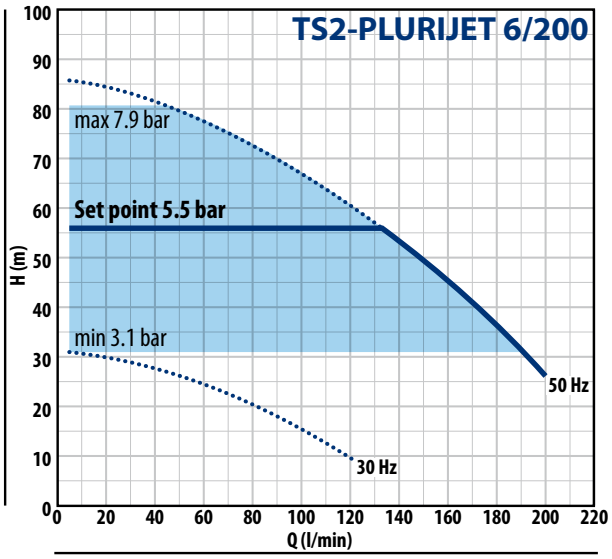




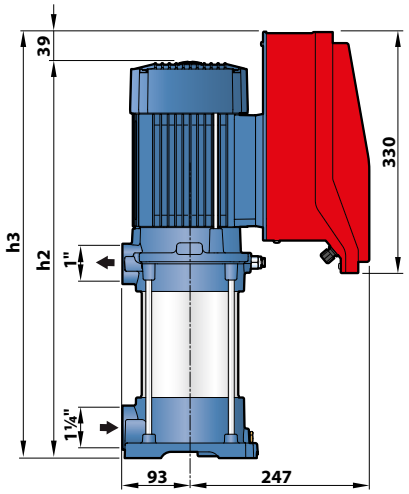


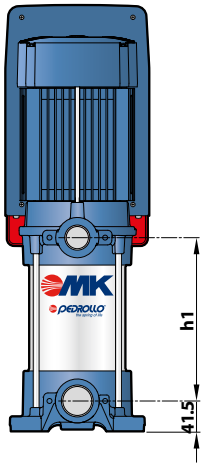


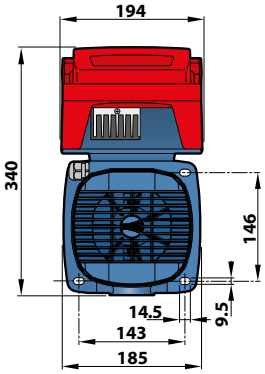




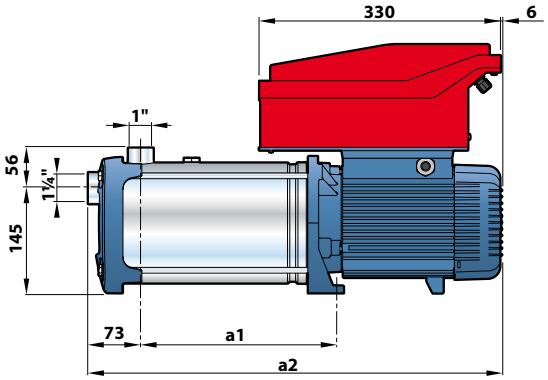
DIMENSIONES (mm)

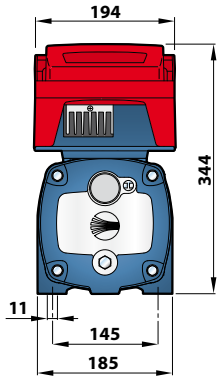






MODELO	h1	h2	h3	kg
TS2-MK 3/3	132.5	450	489	**26.7**
TS2-MK 3/4	159.5	477	516	**27.0**
TS2-MK 3/5	186.5	504	543	**28.6**
TS2-MK 3/6	213.5	531	570	**30.1**
TS2-MK 5/4	159.5	477	516	**26.9**
TS2-MK 5/5	186.5	504	543	**28.5**
TS2-MK 5/6	213.5	531	570	**30.3**
TS2-MK 5/7	240.5	558	597	**30.7**
TS2-MK 5/8	267.5	585	624	**30.9**
TS2-MK 8/4	159.5	477	516	**28.0**
TS2-MK 8/5	186.5	504	543	**29.6**
TS2-MK 8/6	213.5	531	570	**30.4**





MODELO	a1	a2	kg
TS2-FCR 90/5	193	497	**26.3**
TS2-FCR 90/6	219	523	**28.4**
TS2-FCR 90/7	245	569	**32.5**
TS2-FCR 130/3	141	445	**25.0**
TS2-FCR 130/4	167	471	**26.9**
TS2-FCR 130/5	193	517	**30.3**
TS2-FCR 130/6	219	543	**31.2**
TS2-FCR 200/3	141	445	**25.0**
TS2-FCR 200/4	167	471	**26.9**
TS2-FCR 200/5	193	517	**30.3**
TS2-FCR 200/6	219	543	**31.2**

MODELO	a1	a2	kg
TS2-PLURIJET 5/90	245	549	**27.0**
TS2-PLURIJET 6/90	271	575	**29.0**
TS2-PLURIJET 3/130	193	497	**25.1**
TS2-PLURIJET 4/130	219	523	**27.1**
TS2-PLURIJET 5/130	245	569	**30.7**
TS2-PLURIJET 6/130	271	595	**31.8**
TS2-PLURIJET 3/200	193	497	**25.1**
TS2-PLURIJET 4/200	219	523	**27.1**
TS2-PLURIJET 5/200	245	569	**30.7**
TS2-PLURIJET 6/200	271	595	**31.8**