

TISSEL-200

Elettropompe con inverter

-  Acque pulite
-  Uso domestico
-  Uso civile



TS2-MK



TS2-FCR



TS2-PLURIJET

DESCRIZIONE

- I **TISSEL 200** sono unità di pompaggio compatte formate da una elettropompa centrifuga e da un regolatore di velocità (inverter) completo di sensore di pressione esterno da applicare in un punto dell'impianto.
- Robusto e semplice da utilizzare, TISSEL 200 è ideale per mantenere sempre costante la pressione dell'impianto anche al variare del numero di utenze.
- Regolatore di velocità integrato a ventilazione forzata e con grado di protezione IP 54. Alimentato da una tensione alternata monofase ($230 \pm 10\%$ V - 50/60 Hz), eroga una tensione di uscita alternata trifase che alimenta il motore dell'elettropompa con classe di rendimento IE3.
- Avvio ed arresto della pompa progressivi.
- Minore usura dell'elettropompa grazie alla modulazione della velocità di funzionamento da parte dell'inverter.

PROTEZIONI

- **Marcia a secco**
La logica a microprocessore arresta la pompa dopo pochi secondi ed effettua riavvii programmati nel tempo per verificare il ritorno dell'acqua.
- **Marcia con pressione minore della minima impostata**
Arresta la pompa dopo pochi secondi (per esempio quando si verifica la rottura di una tubazione).
- **Correnti - tensioni - temperature**
Limita le correnti; avvisa se la tensione oltrepassa i limiti consentiti; protegge da sovratemperature e da cortocircuiti tra le fasi in uscita.

ESECUZIONE E NORME DI SICUREZZA

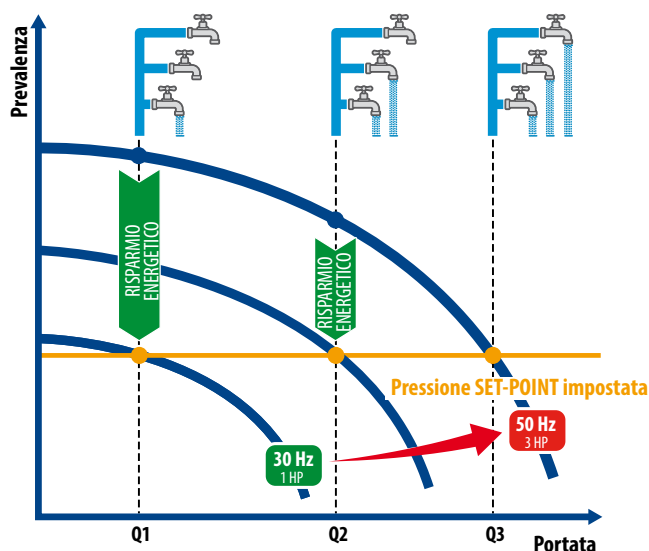
EN 60335-1
IEC 60335-1
CEI 61-150

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



RISPARMIO ENERGETICO

Lavorando a velocità variabile, TISSEL-200 consuma solamente l'energia richiesta dall'impianto, in relazione al fabbisogno idrico.



CERTIFICAZIONI

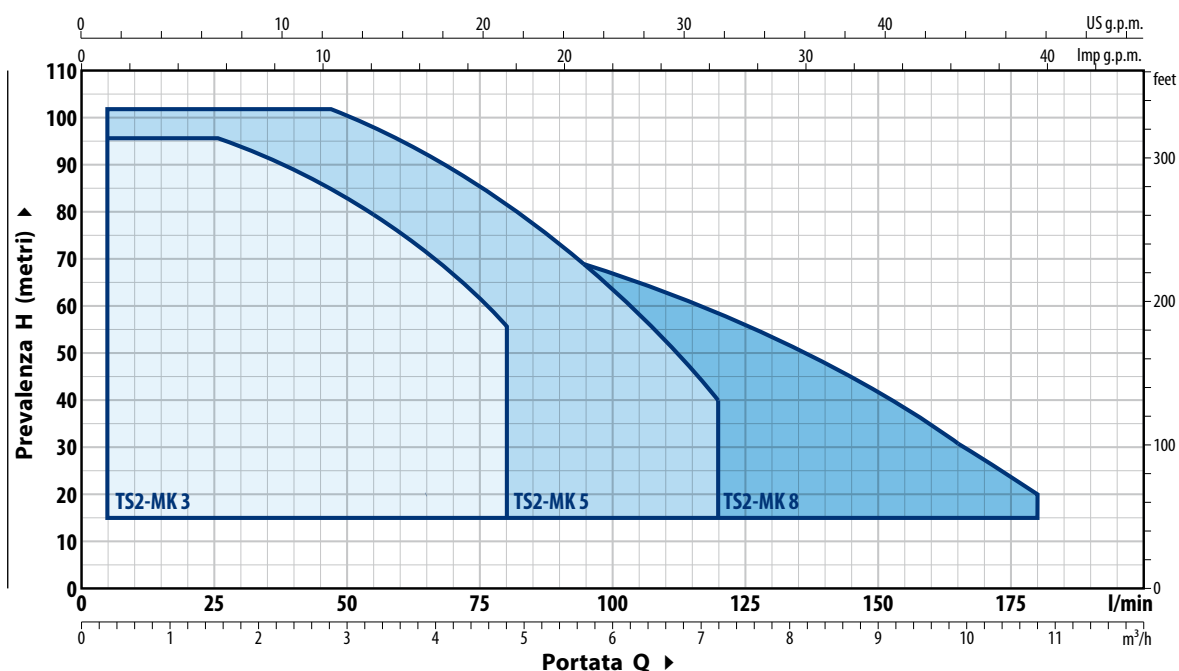
Azienda con sistema di gestione certificato DNV
ISO 9001: QUALITÀ



GARANZIA

2 anni secondo le nostre condizioni generali di vendita

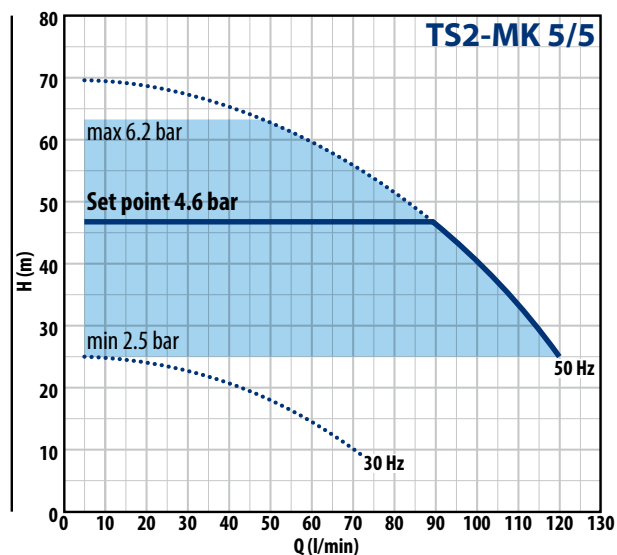
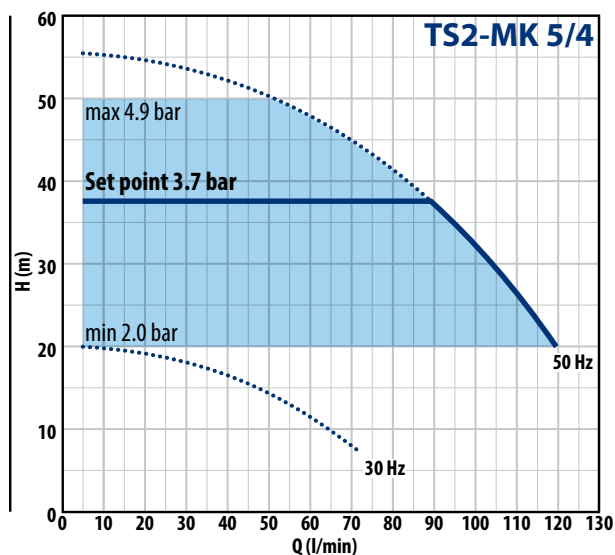
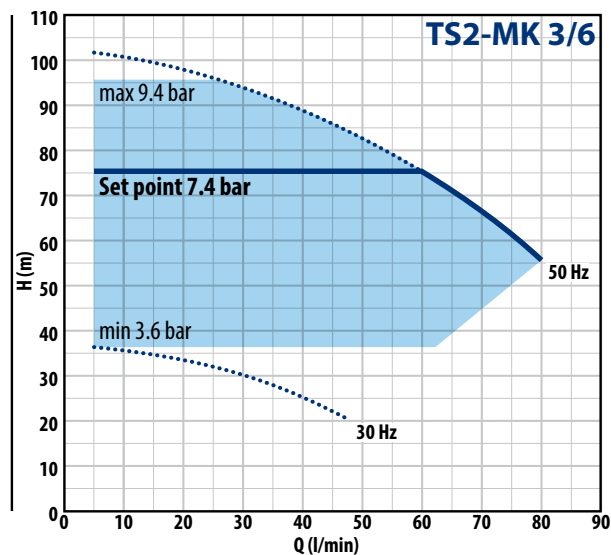
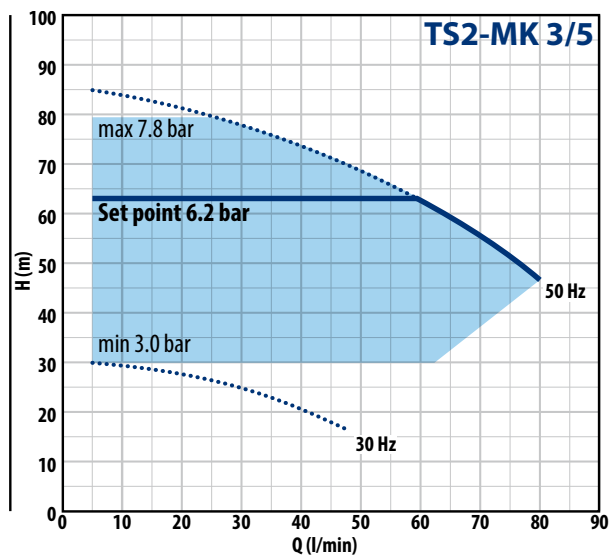
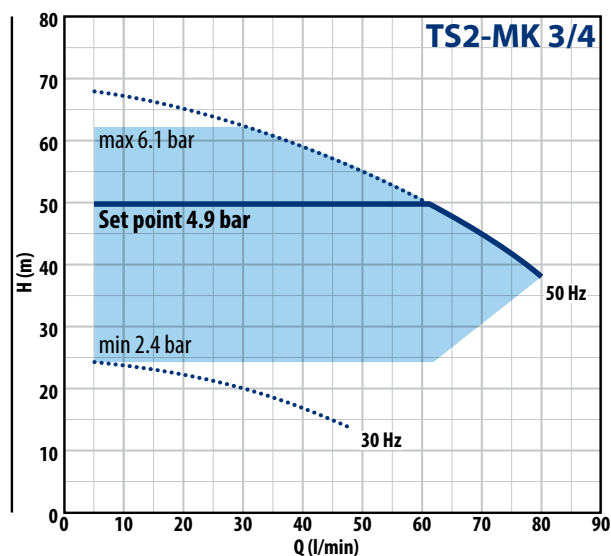
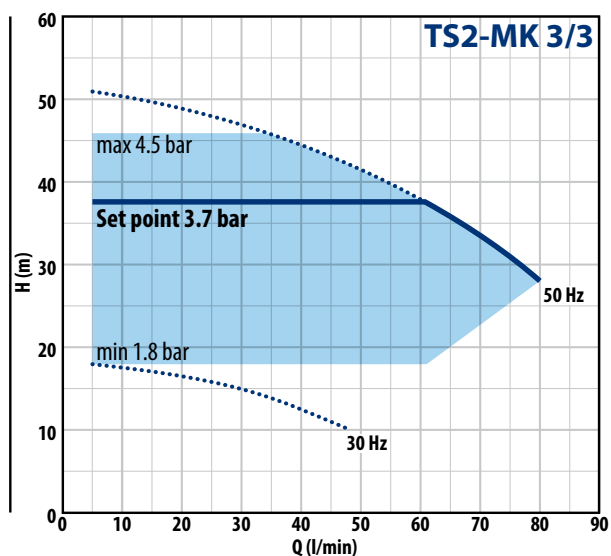
CAMPO DI PRESTAZIONI n= 2900 min⁻¹



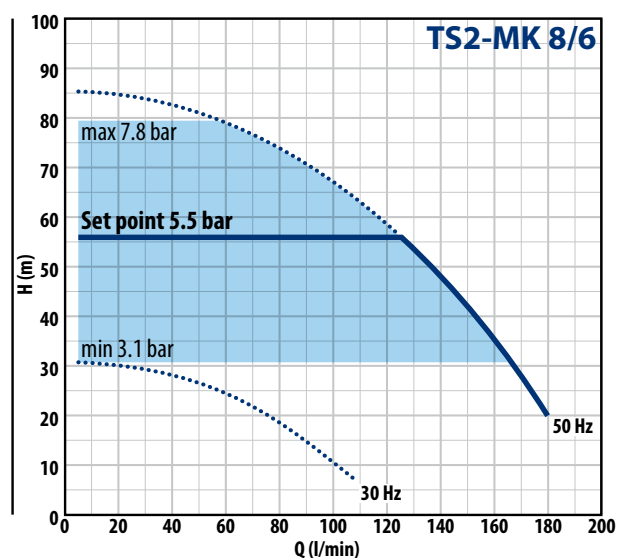
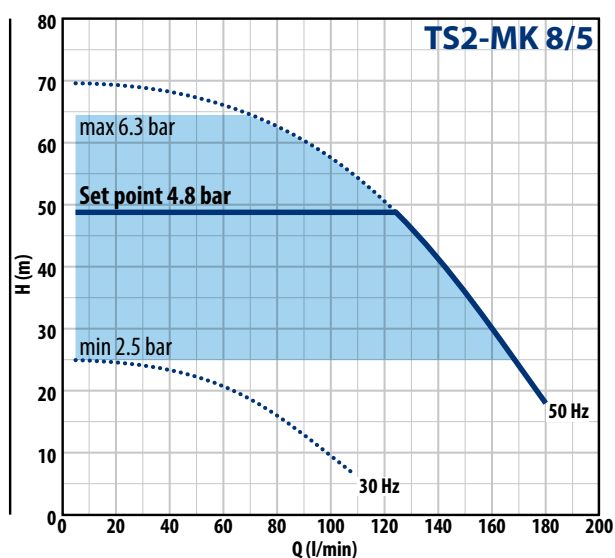
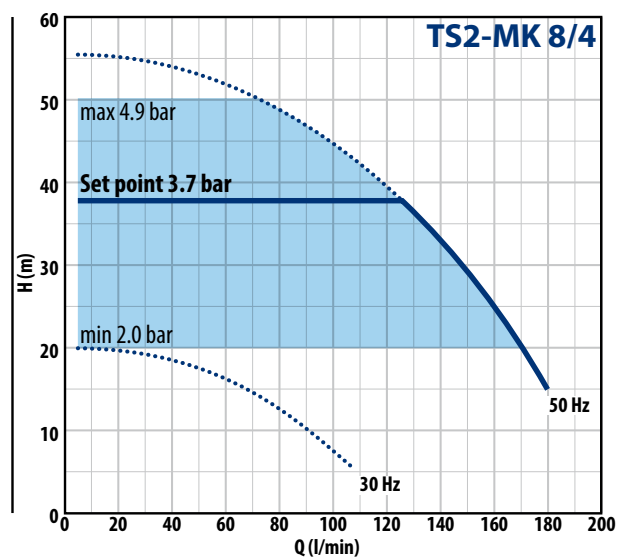
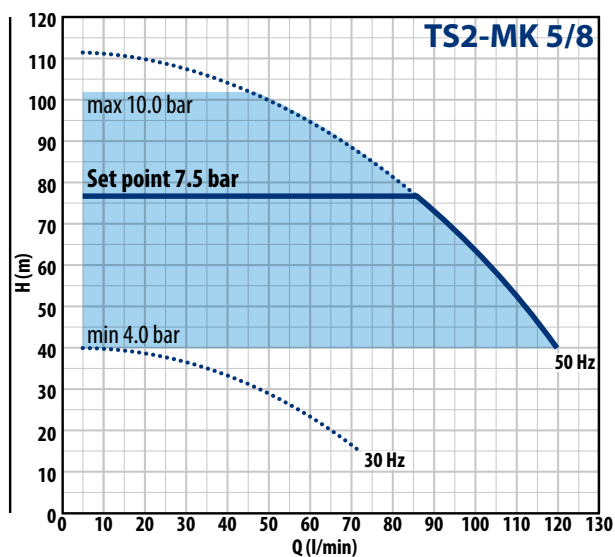
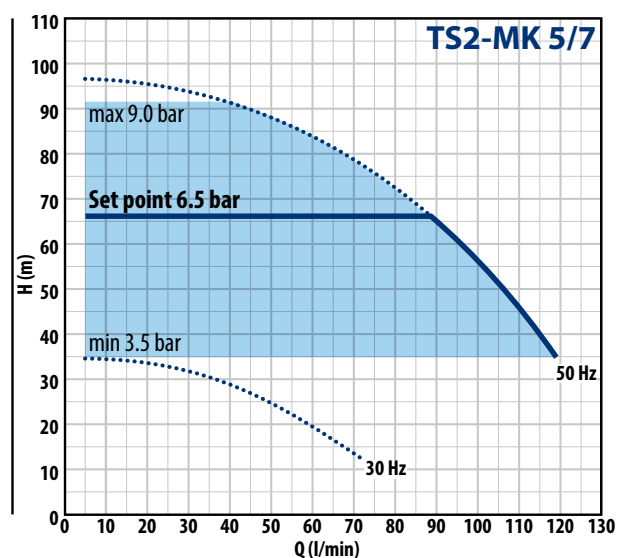
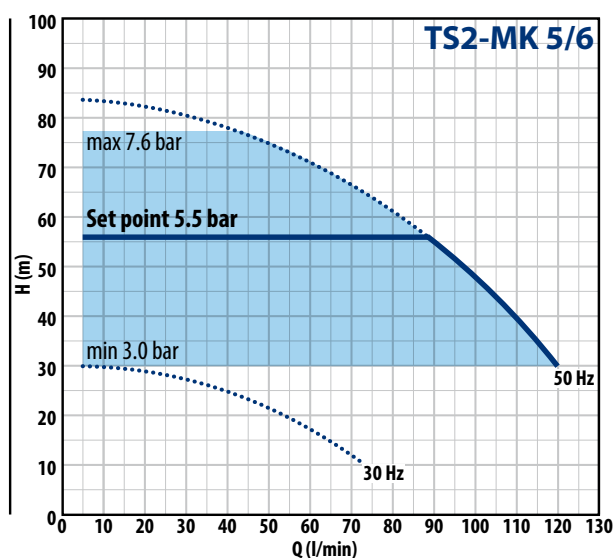
TIPO	POTENZA		ASSORBIMENTI	PRESTAZIONI MAX		PRESTAZIONI (SET POINT REGOLABILE)					
	P2			Q	H	Set Point Min		Set Point Taratura Std		Set Point Max	
Monofase	kW	HP	230 V	litri/min	metri	bar	litri/min	bar	litri/min	bar	litri/min
TS2-MK 3/3	0.75	1	9.0 A	5 – 80	46 – 28	1.8	5 – 63	3.7	5 – 58	4.5	5 – 35
TS2-MK 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	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

CURVE DI PRESTAZIONE $n = 2900 \text{ min}^{-1}$

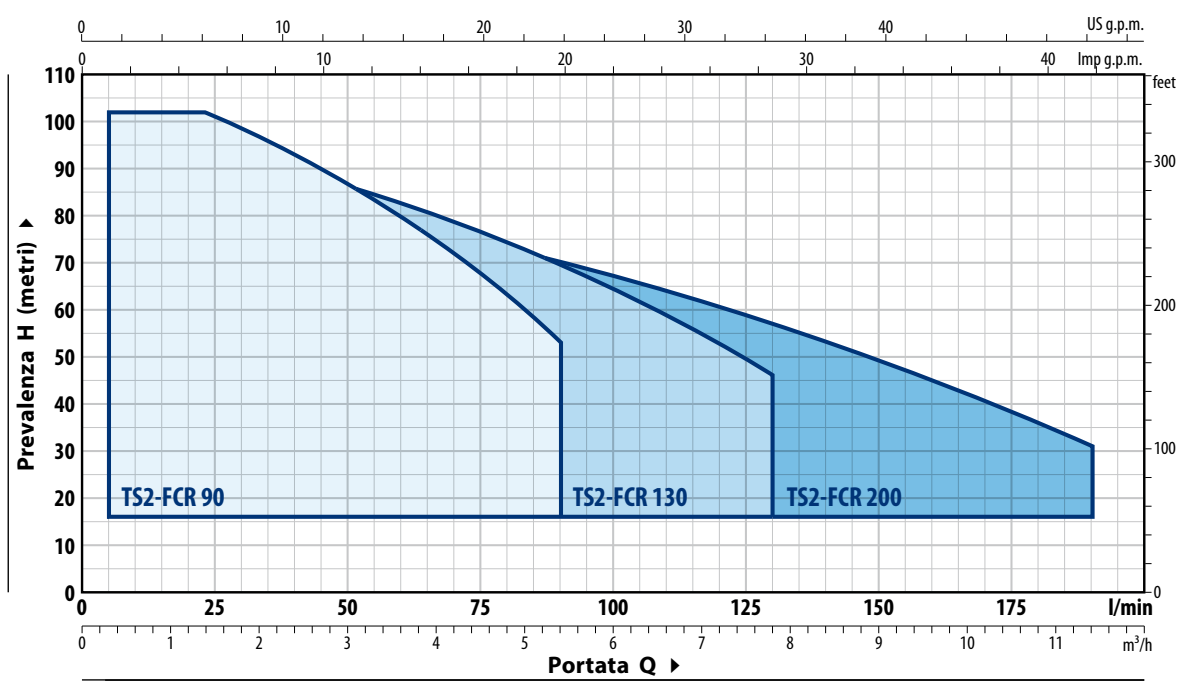


CURVE DI PRESTAZIONE $n = 2900 \text{ min}^{-1}$



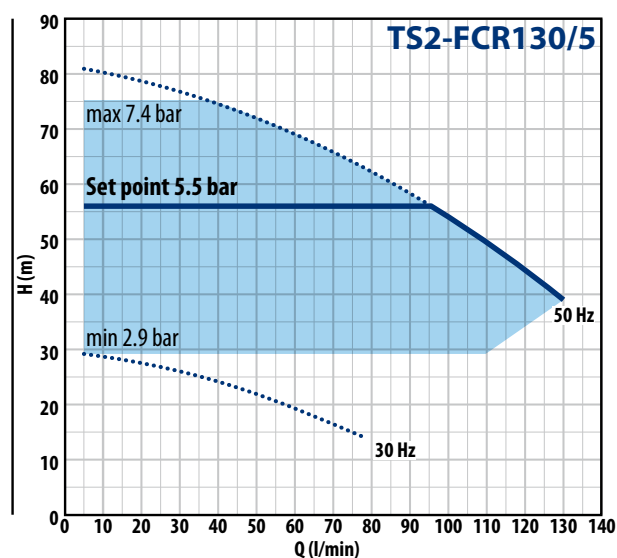
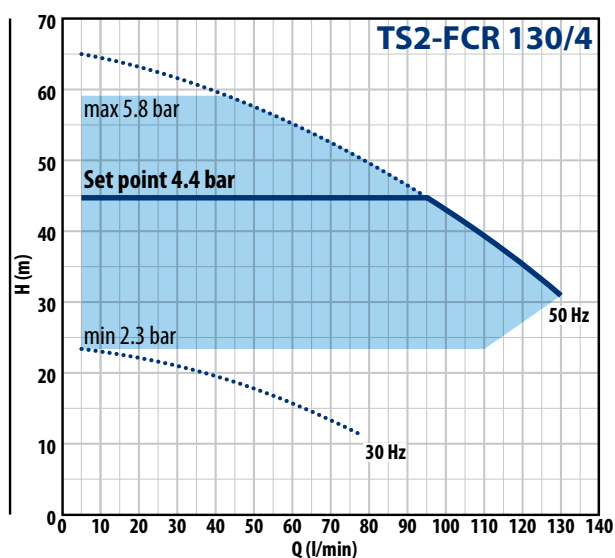
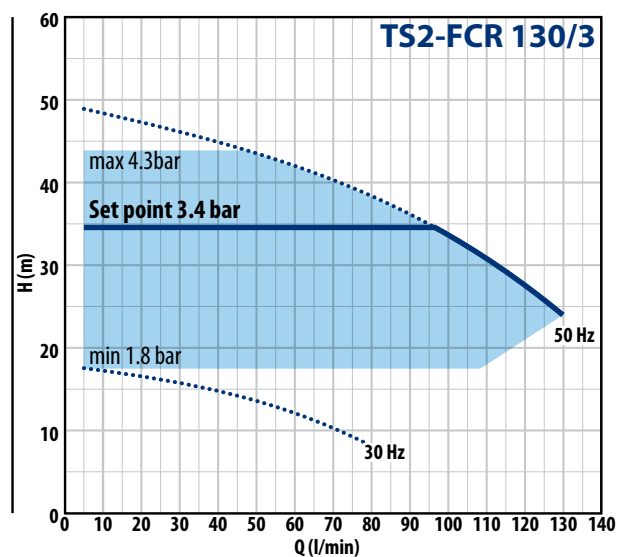
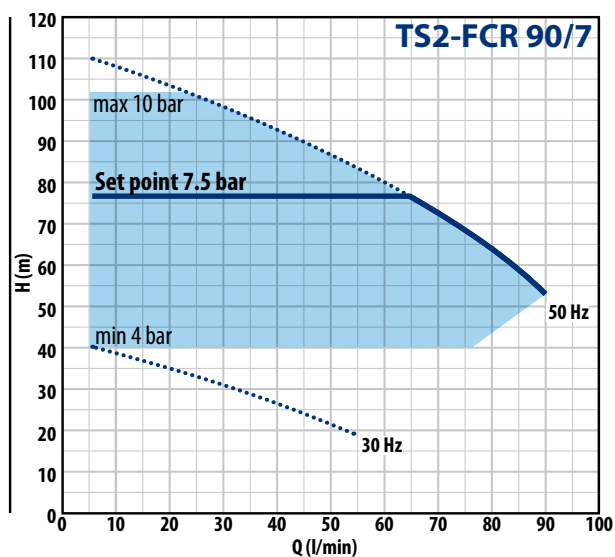
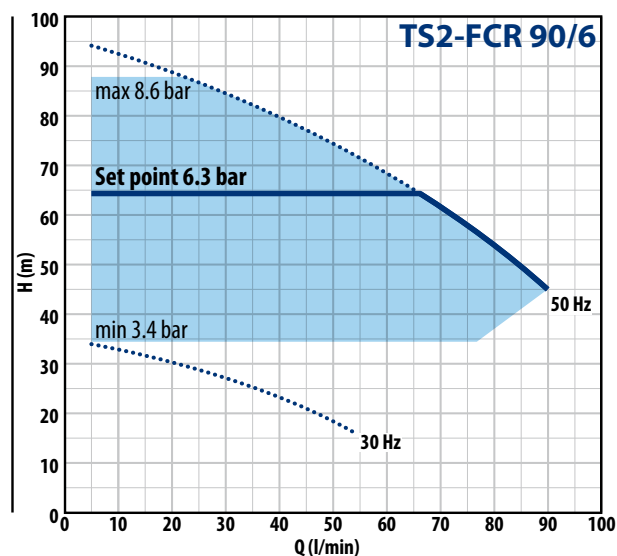
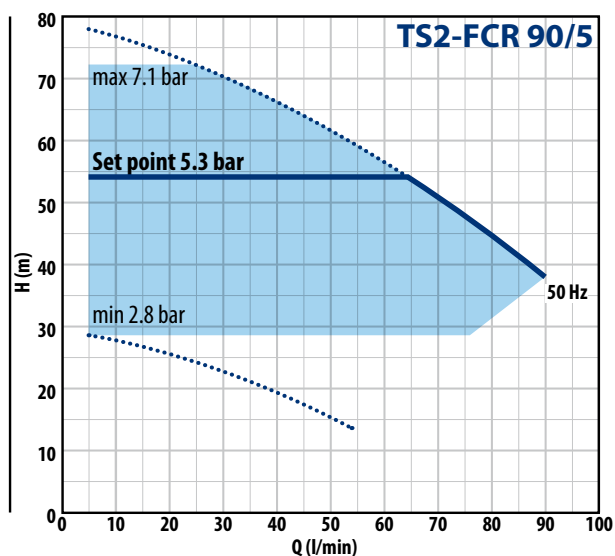
TISSEL-200 FCR

CURVE DI PRESTAZIONE n= 2900 min⁻¹



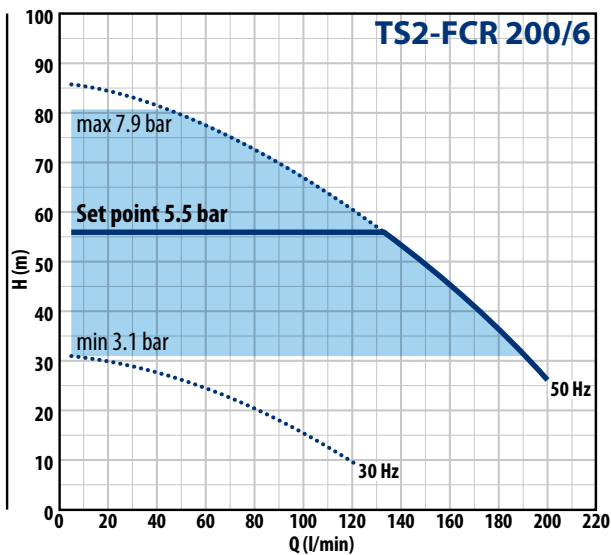
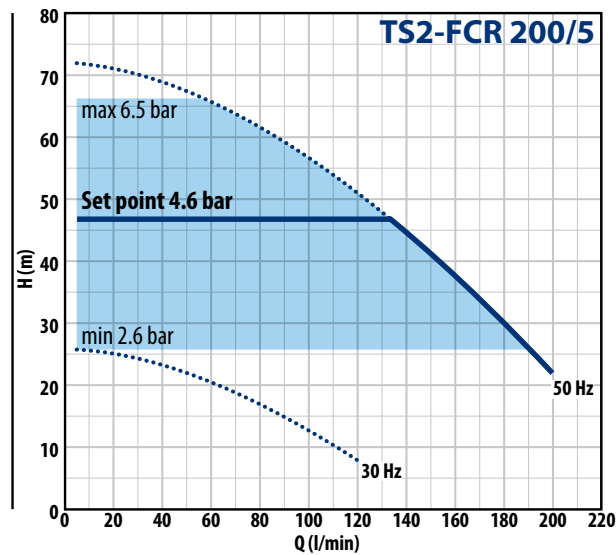
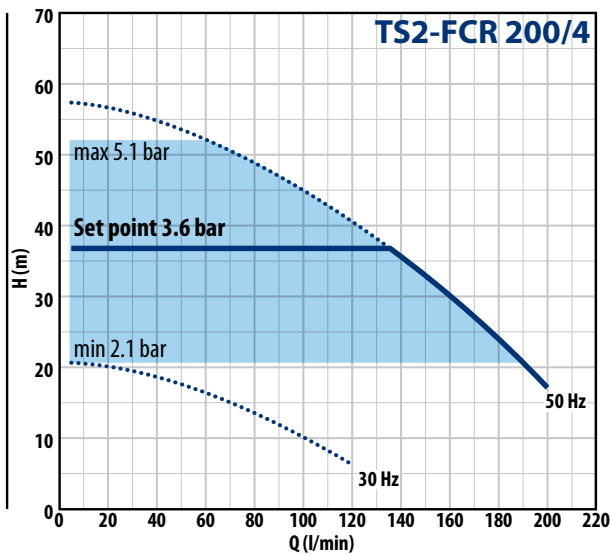
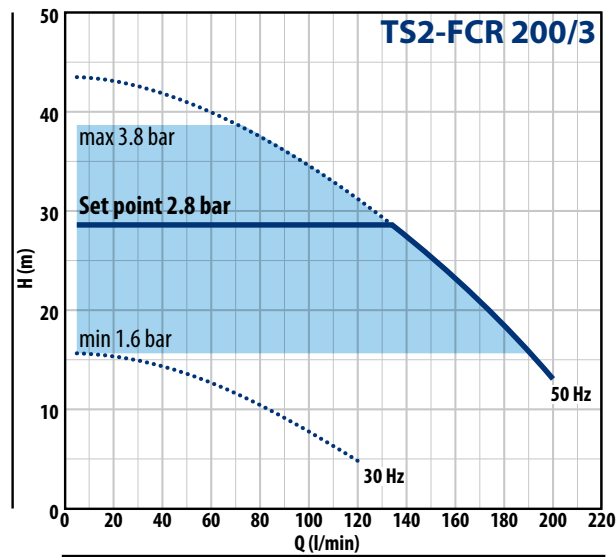
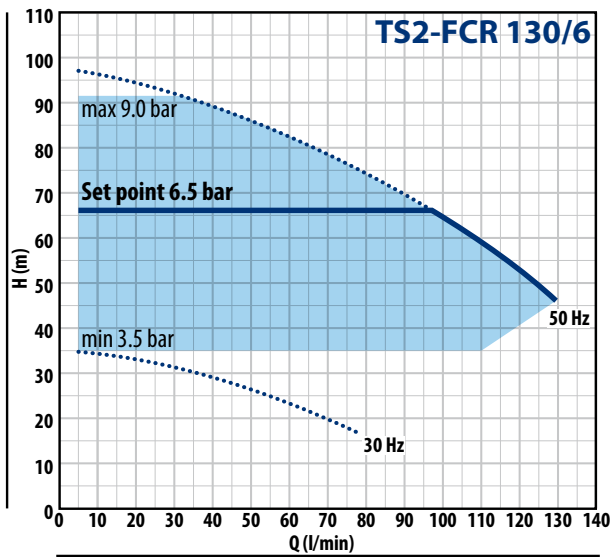
TIPO	POTENZA			ASSORBIMENTI	PRESTAZIONI MAX		PRESTAZIONI (SET POINT REGOLABILE)					
	P2				230 V	Q	H	Set Point Min		Set Point Taratura Std	Set Point Max	
Monofase	kW	HP	▲		litri/min	metri	bar	litri/min	bar	litri/min	bar	litri/min
TS2-FCR 90/5	1.1	1.5	IE3	13.0 A	5 – 90	78 – 38	2.80	5 – 75	5.30	5 – 65	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		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

CURVE DI PRESTAZIONE $n = 2900 \text{ min}^{-1}$



TISSEL-200 FCR

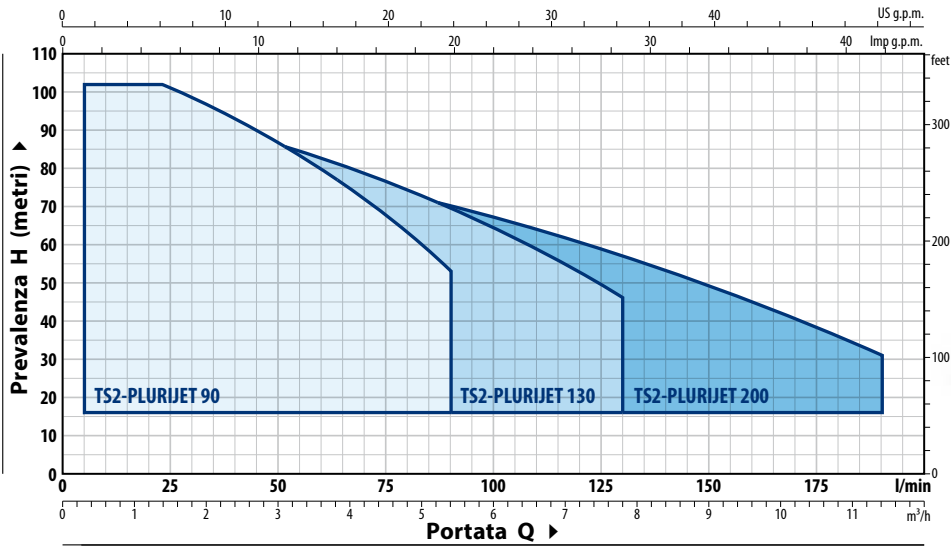
CURVE DI PRESTAZIONE $n = 2900 \text{ min}^{-1}$



TISSSEL-200 PLURIJET

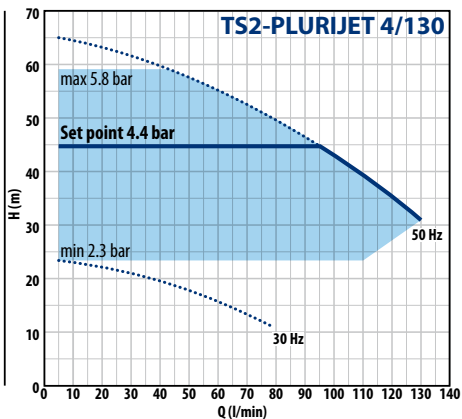
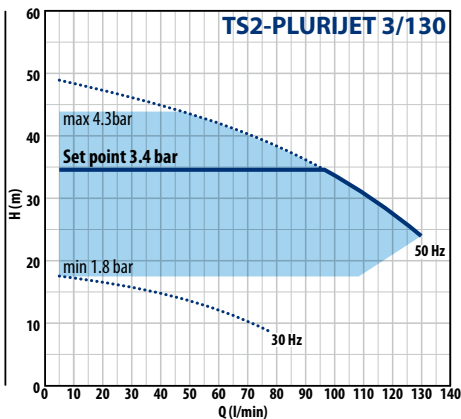
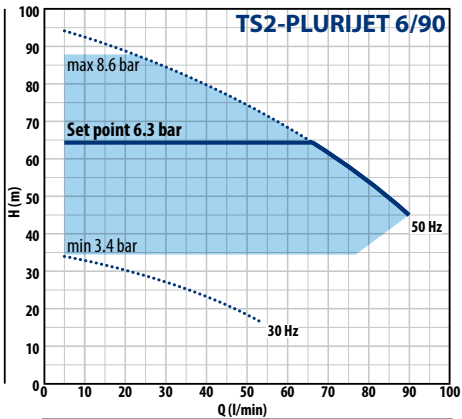
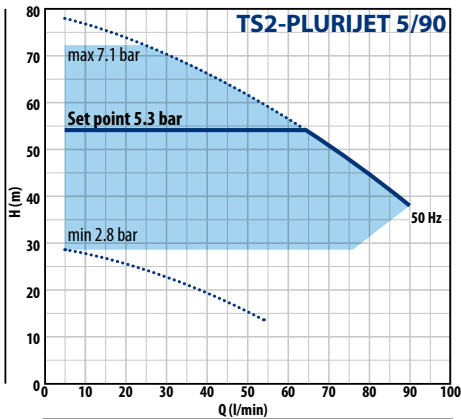


CAMPO DI PRESTAZIONI n= 2900 min⁻¹



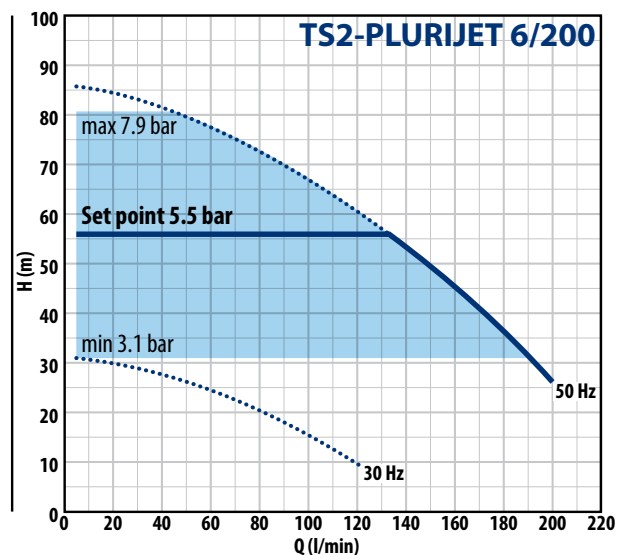
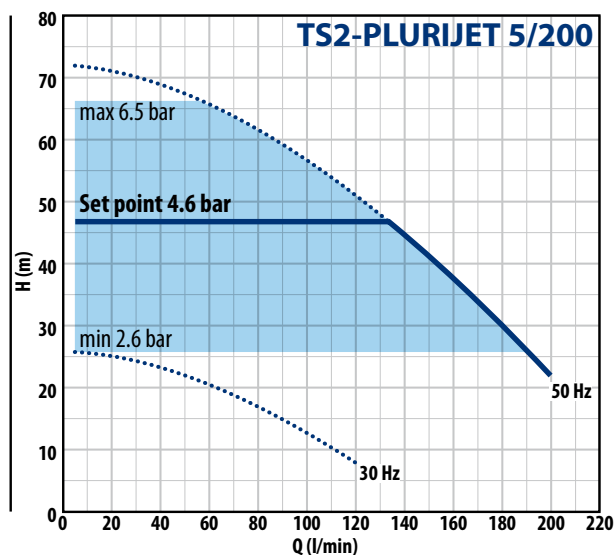
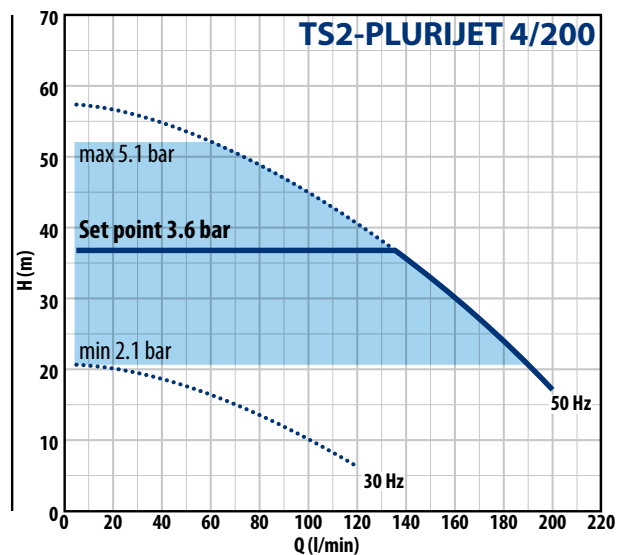
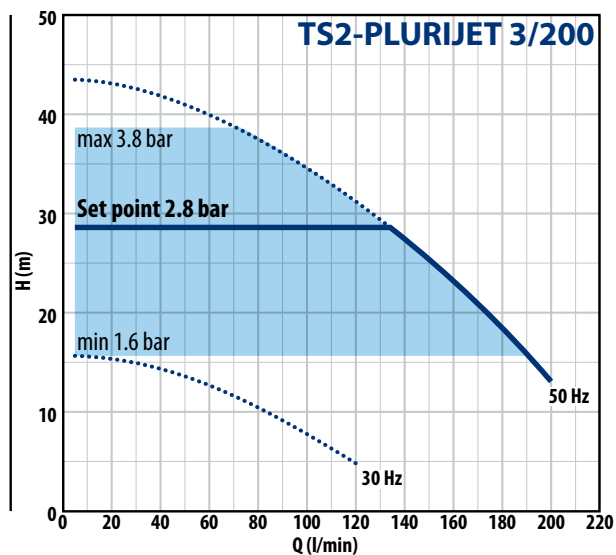
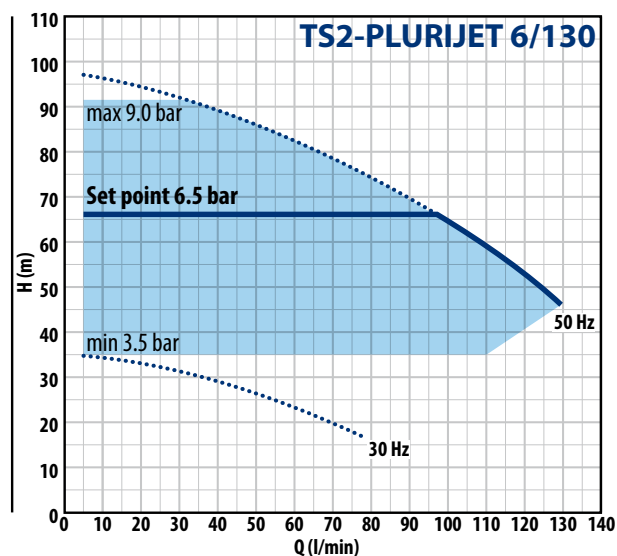
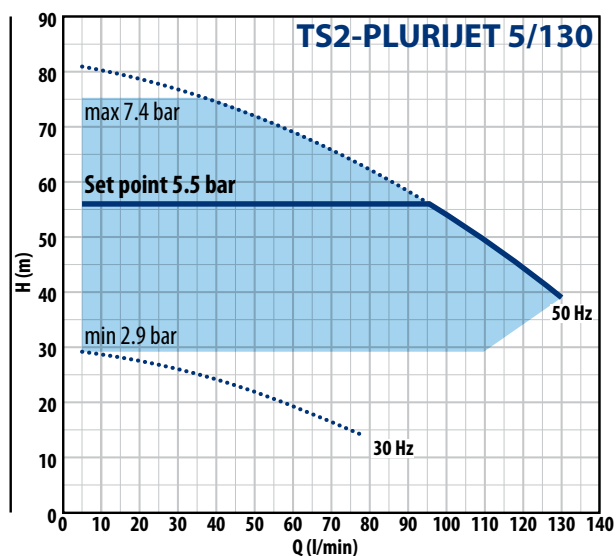
TIPO	POTENZA		ASSORBIMENTI	PRESTAZIONI MAX		PRESTAZIONI (SET POINT REGOLABILE)					
	P2	▲		Q	H	Set Point Min		Set Point Taratura Std		Set Point Max	
Monofase	kW	HP	230 V	litri/min	metri	bar	litri/min	bar	litri/min	bar	litri/min
TS2-PLURIJET 5/90	1.1	1.5	11.5 A	5 – 90	78 – 38	2.80	5 – 75	5.30	5 – 65	7.10	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

CURVE DI PRESTAZIONE n= 2900 min⁻¹

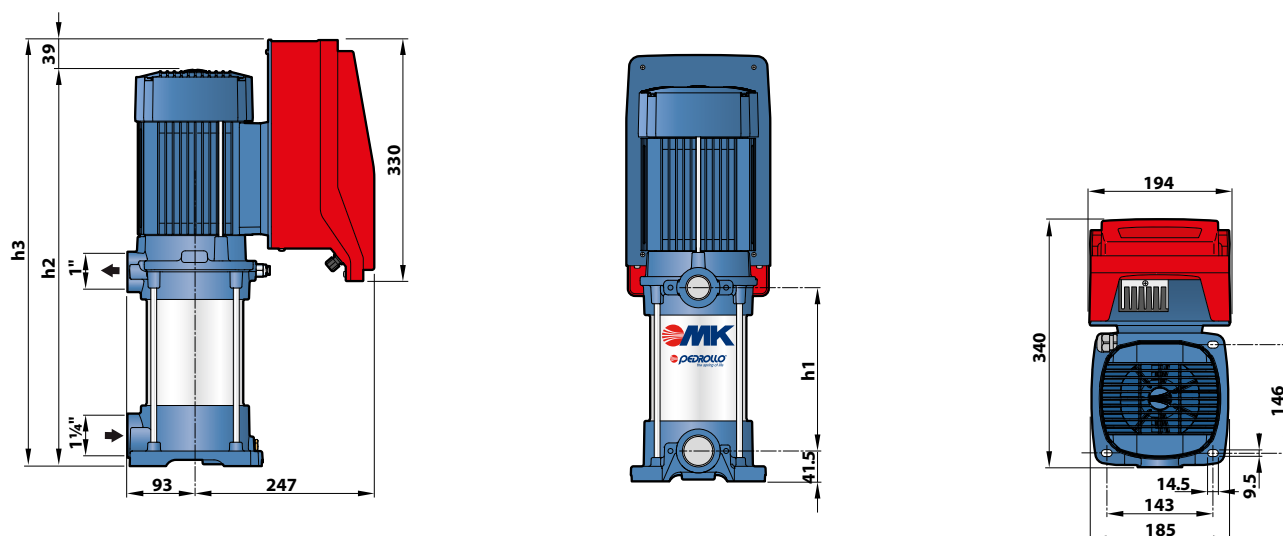


TISSEL-200 PLURIJET

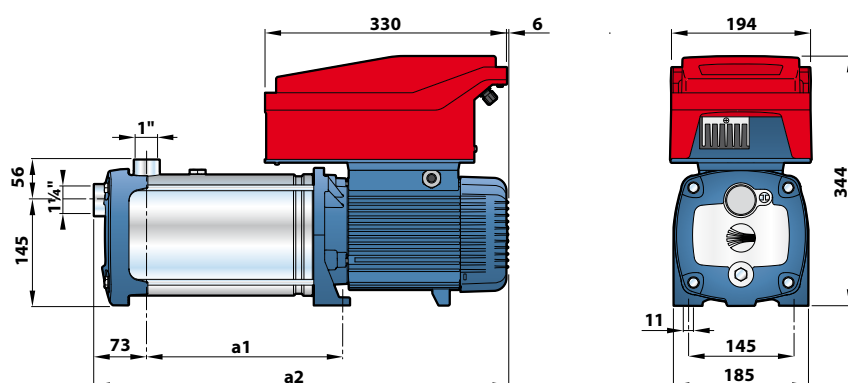
CURVE DI PRESTAZIONE $n = 2900 \text{ min}^{-1}$



DIMENSIONI (mm)



TIPO	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



TIPO	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

TIPO	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