

Quiet-running horizontal multi-stage centrifugal pumps

Applications

To work with clean water in domestic applications, irrigation, and pressure sets.

Materials

Pump body and impellers in stainless steel AISI 304.
Diffusers in technopolymer.
Mechanical seal in graphite and steatite.

Tecno 05:

O-rings in EPDM and NBR.
Pump base, motor flange and motor housing in aluminium.

Tecno/Tecnoself 15/25:

Motor shaft in stainless steel AISI 431.
Motor housing in aluminium.
Gaskets in EPDM/NBR.

Motor

Asynchronous, two poles.
IP 55 protection.
Class F insulation.
Continuous operation.
Efficiency IE2.

Tecno 05: Built-in thermal protection.

Tecno/Tecnoself 15: Single-phase version with built-in thermal protection.

Tecno 25: Single-phase version up to 1.25 HP with built-in thermal protection.

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Limitations

Maximum temperature of liquid: 40 °C.

Tecnoself 15/25: Self-priming up to 9 m.

Hydraulic performance table

Model	I [A]	P1 [kW]	P2		c	l/min	10	20	30	35	40	50	60	65	1~230 V (model M)	3~400 V (model T)
	1~ 230 V	1~ 230 V	[kW]	[HP]	[μF]	m³/h	0.6	1.2	1.8	2.1	2.4	3.0	3.6	3.9	Code	Code
Tecno 15.3	2.74	0.61	0.37	0.5	12	mwc	32	30	26	24	22	17	10.5	7	97518	97515
Tecno 15.4	3.53	0.79	0.55	0.75	12		43	39	35	32	27	21.5	14	9	97520	97519
Tecno 15.5	4.13	0.95	0.75	1	12		51	47	42	38	34	25	17	12	97522	97521

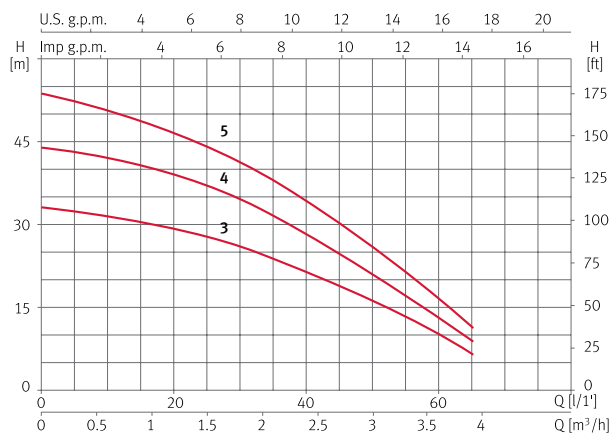
Model	I [A]	P1 [kW]	P2		c	l/min	15	30	45	60	75	90	105	120	1~230 V (model M)	3~400 V (model T)
	1~ 230 V	1~ 230 V	[kW]	[HP]	[μF]	m³/h	0.9	1.8	2.7	3.6	4.5	5.4	6.3	7.2	Code	Code
Tecno 25.3	5.5	1.2	0.75	1	16	mwc	33	32	30.5	28	26	22	17	12	97526	97525
Tecno 25.4	6.8	1.5	0.92	1.25	16		43	42	40	37	33	28	22	15	97528	97527
Tecno 25.5	8.2	1.8	1.1	1.5	25		56	55	52.5	48	43	37	29	20	97530	97529

Model	I [A]	P1 [kW]	P2		c	l/min	10	20	30	35	40	50	60	65	1~230 V (model M)	3~400 V (model T)
	1~ 230 V	1~ 230 V	[kW]	[HP]	[µF]	m³/h	0.6	1.2	1.8	2.1	2.4	3.0	3.6	3.9	Code	Code
Tecno / Tecnoself 15 3	2.74	0.61	0.37	0.5	12	mwc	32	30	26	24	22	17	10.5	7	97557	97553
Tecno / Tecnoself 15 4	3.53	0.79	0.55	0.75	12		43	39	35	32	27	21.5	14	9	97561	97559
Tecno / Tecnoself 15 5	4.13	0.95	0.75	1	12		51	47	42	38	34	25	17	12	97565	97563

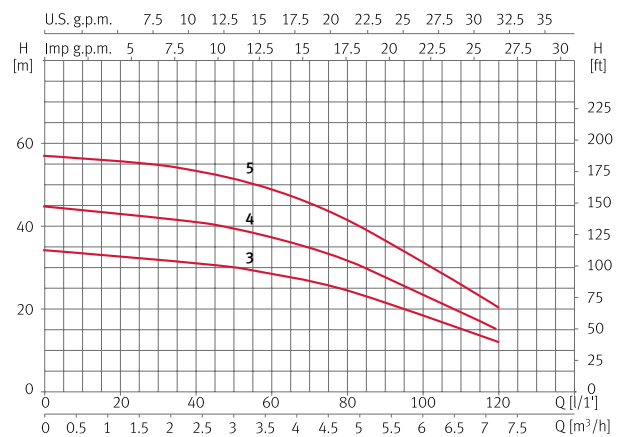
Model	I [A]	P1 [kW]	P2		c	l/min	15	30	45	60	75	90	105	120	1~230 V (model M)	3~400 V (model T)
	1~ 230 V	1~ 230 V	[kW]	[HP]	[μF]	m³/h	0.9	1.8	2.7	3.6	4.5	5.4	6.3	7.2	Code	Code
Tecno / Tecnoself 25 3	5.5	1.2	0.75	1	16	mwc	33	32	30.5	28	26	22	17	12	97573	97571
Tecno / Tecnoself 25 4	6.8	1.5	0.92	1.25	16		43	42	40	37	33	28	22	15	97577	97575
Tecno / Tecnoself 25 5	8.2	1.8	1.1	1.5	25		56	55	52.5	48	43	37	29	20	97581	97579

Performance curves at 2900 rpm

Tecno 15/Tecnoself 15



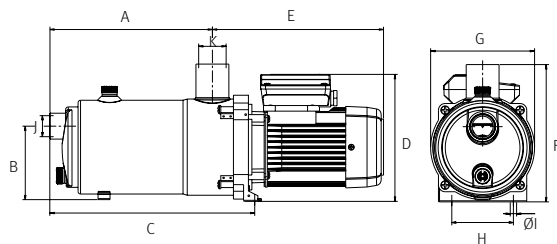
Tecno 25/ Tecnoself 25



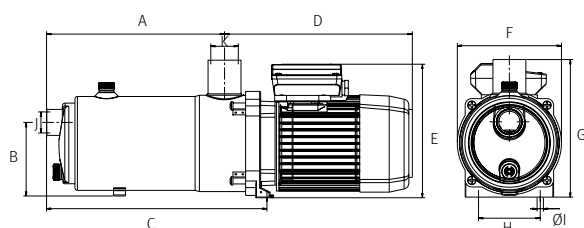
Dimensions and weights

Model	A	B	C	D	E	F	G	H	I	J	K	Kg
Tecno 15.3	197.4	107.5	258	181.5	232.5	196.3	148.5	88	9	1"	1"	7.2
Tecno 15.4	220.7	107.5	281.3	181.5	232.5	196.3	148.5	88	9	1"	1"	9.5
Tecno 15.5	244	107.5	304.6	181.5	232.5	196.3	148.5	88	9	1"	1"	11
Tecno 25.3	210	107.5	271.5	267	190.5	148.5	196.3	88	9	1"	1"	7.2
Tecno 25.4	236.6	107.5	298.1	267	190.5	148.5	196.3	88	9	1"	1"	9.5
Tecno 25.5	263.2	107.5	324.7	288.5	190.5	148.5	196.3	88	9	1"	1"	11
Tecnoself 15.3	197.4	107.5	258	181.5	232.5	196.3	148.5	88	9	1"	1"	7.2
Tecnoself 15.4	220.7	107.5	281.3	181.5	232.5	196.3	148.5	88	9	1"	1"	9.5
Tecnoself 15.5	244	107.5	304.6	181.5	232.5	196.3	148.5	88	9	1"	1"	11
Tecnoself 25.3	210	107.5	271.5	267	190.5	148.5	196.3	88	9	1"	1"	7.2
Tecnoself 25.4	236.6	107.5	298.1	267	190.5	148.5	196.3	88	9	1"	1"	9.5
Tecnoself 25.5	263.2	107.5	324.7	288.5	190.5	148.5	196.3	88	9	1"	1"	11

Tecno 15 / Tecnoself 15



Tecno 25 / Tecnoself 25



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