



# Eletrobombas Spring

Eletrobomba submersível robusta para poços, ideal para rega e abastecimento doméstico.

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Ficha Técnica Completa com Dados Técnicos e Curva de Performance

TENSÃO **230 V (1~) / 400 V (3~)**



Digitalize para ver detalhes do produto:

**JOVAL** - Marinho Oliveira S.A. | Zona Industrial do Socorro, Lote 10, Fafe

[www.joval.pt](http://www.joval.pt)



# Eletrobombas Spring

Imagem indisponível

## Eletrobomba submersível robusta para poços, ideal para rega e abastecimento doméstico.

Eletrobomba submersível Spring para poços, ideal para sistemas de irrigação, abastecimento doméstico e aplicações agrícolas. Compacta, eficiente e robusta, projetada para águas limpas. Fornecida com 20 metros de cabo e interruptor de boia (na versão monofásica).

### APLICAÇÕES

- Captação de água em furos, reservatórios e cursos de água.
- Abastecimento doméstico de água.
- Rega agrícola e jardins.
- Sistemas hidropneumáticos.

## DADOS TÉCNICOS

### ESPECIFICAÇÕES TÉCNICAS

Tipo	Submersível para Águas Limpas
Material	Turbinas radiais e difusores em Noryl reforçado com fibra de vidro
Detalhes do Motor	Motor elétrico hermeticamente fechado e impregnado com resina protetora
Ambiente	Ecológica (Sem óleo)
Instalação	Vertical / Horizontal
Cabo	20m (com interruptor de bóia)
Proteção	IP 68   Classe B

### CARACTERÍSTICAS DO MOTOR

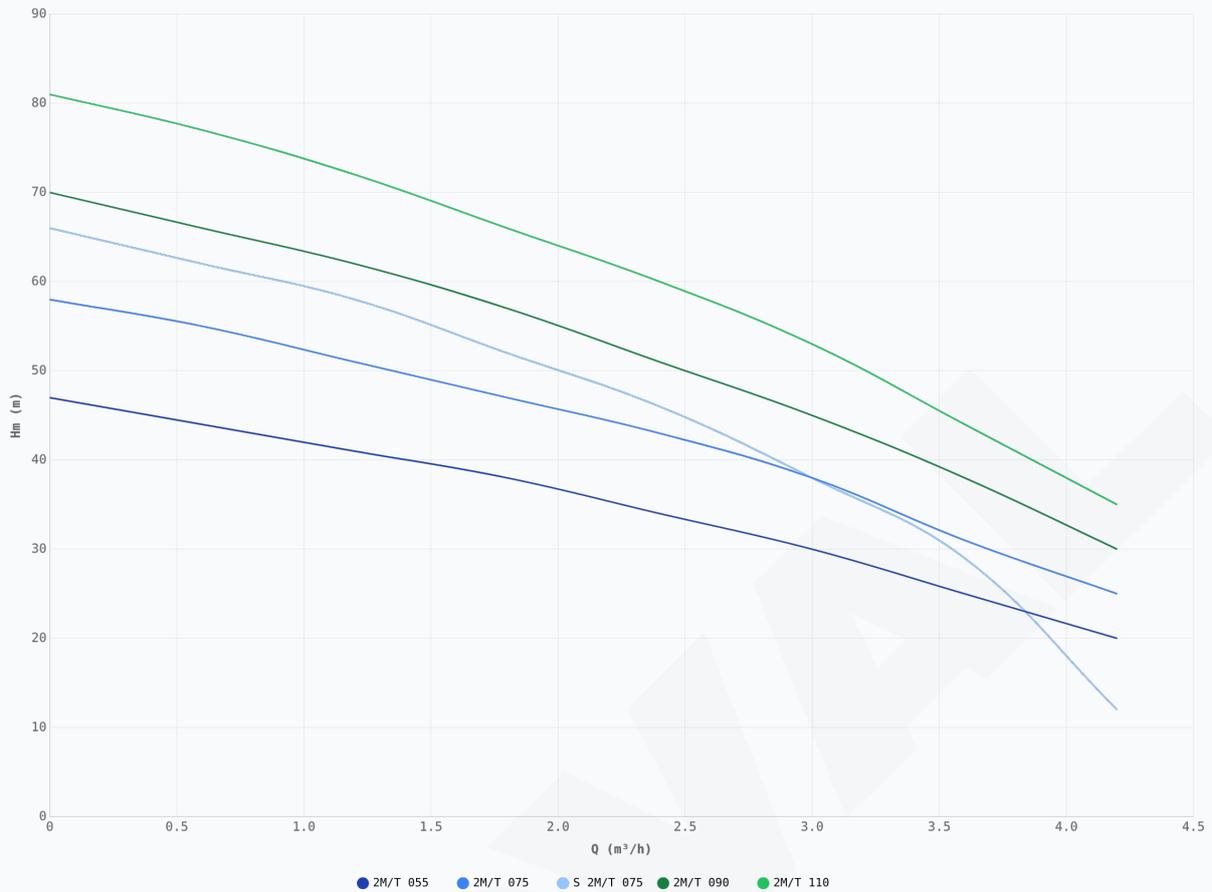
Tensão	230 V (1~) / 400 V (3~)
Temperatura Máxima	35° C
Arranques/Hora	Máximo 20 arranques por hora
Boca de Impulsão	1" 1/4 - 1" 1/2
Diâmetro	131 mm
Vedação	Dupla vedação mecânica em carboneto de silício

## SPRING 2M - DIMENSÕES



Modelo	Tensão	A (mm)	Peso (kg)	Saída
2M 055	230V	441,0	12,1	1" 1/4
2T 055	400V	480,0	13,5	1" 1/4
2M 075	230V	520,0	15,4	1" 1/4
2T 075	400V	543,0	15,7	1" 1/4
S 2M 075	230V	480,0	13,5	1" 1/4
S 2T 075	400V	465,0	12,2	1" 1/4
2M 090	230V	431,0	11,0	1" 1/4
2T 090	400V	465,0	12,2	1" 1/4
2M 110	230V	505,0	13,1	1" 1/4
2T 110	400V	529,0	13,8	1" 1/4

## SPRING 2M - CURVA DE PERFORMANCE (Q - HM)



Curvas de caudal (Q) vs. altura manométrica (Hm)

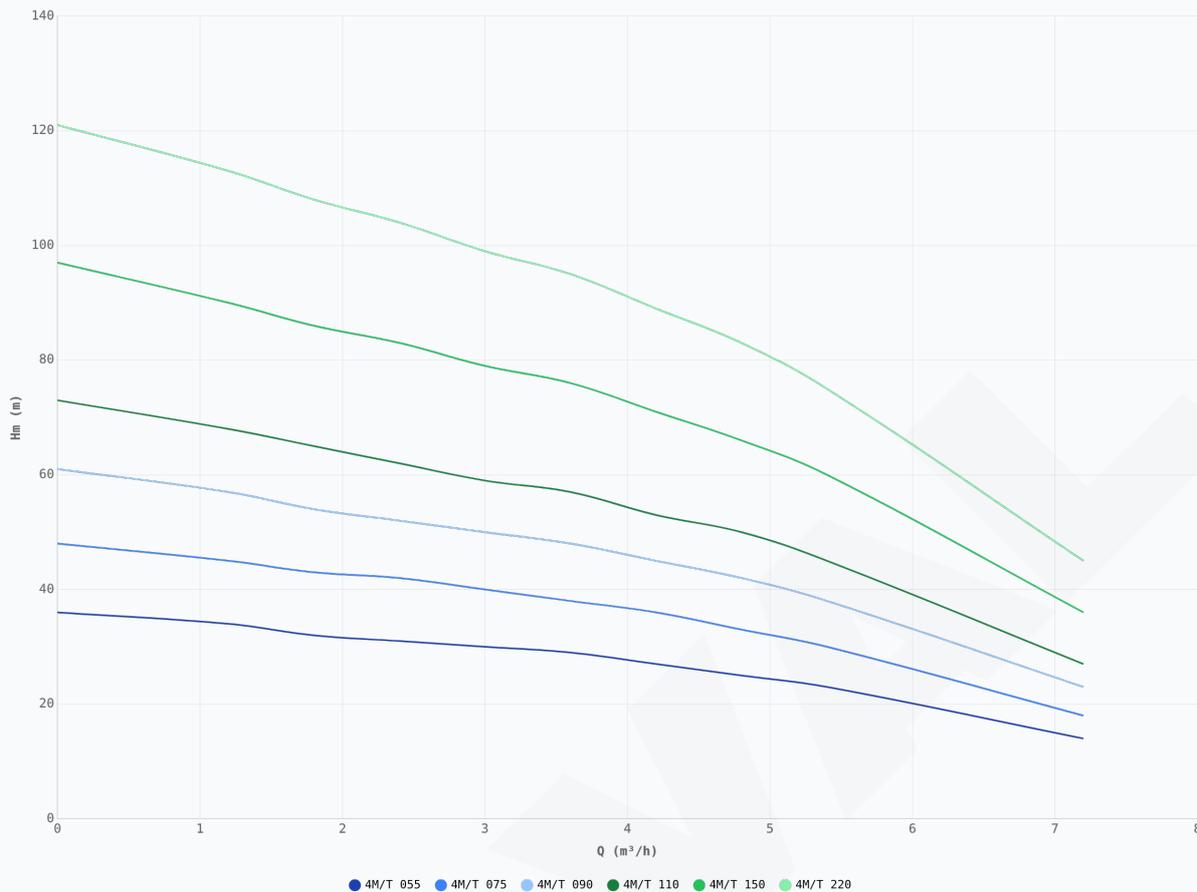
Modelo	kW	CV	Amperagem	m³/h								
				0	0.6	1.2	1.8	2.4	3	3.6	4.2	
				Hm (m)								
2M/T 055	0,55	0,75	4.2 / 1.6	47,0	44,0	41,0	38,0	34,0	30,0	25,0	20,0	
2M/T 075	0,75	1,00	4.8 / 2.1	58,0	55,0	51,0	47,0	43,0	38,0	31,0	25,0	
S 2M/T 075	0,75	1,00	4.8 / 2.1	66,0	62,0	58,0	52,0	46,0	38,0	29,0	12,0	
2M/T 090	0,90	1,20	6.0 / 2.6	70,0	66,0	62,0	57,0	51,0	45,0	38,0	30,0	
2M/T 110	1,10	1,50	7.0 / 2.9	81,0	77,0	72,0	66,0	60,0	53,0	44,0	35,0	

## SPRING 4M - DIMENSÕES



Modelo	Tensão	A (mm)	Peso (kg)	Saída
4M 055	230V	417,0	11,9	1" 1/4
4T 055	400V	456,0	13,1	1" 1/4
4M 075	230V	495,0	14,3	1" 1/4
4T 075	400V	519,0	14,6	1" 1/4
4M 090	230V	583,0	14,8	1" 1/4
4T 090	400V	661,0	18,0	1" 1/4
4M 110	230V	406,0	10,6	1" 1/4
4T 110	400V	440,0	11,8	1" 1/4
4M 150	230V	481,0	12,7	1" 1/4
4T 150	400V	505,0	13,4	1" 1/4
4M 220	230V	569,0	15,6	1" 1/4
4T 220	400V	647,0	18,1	1" 1/4

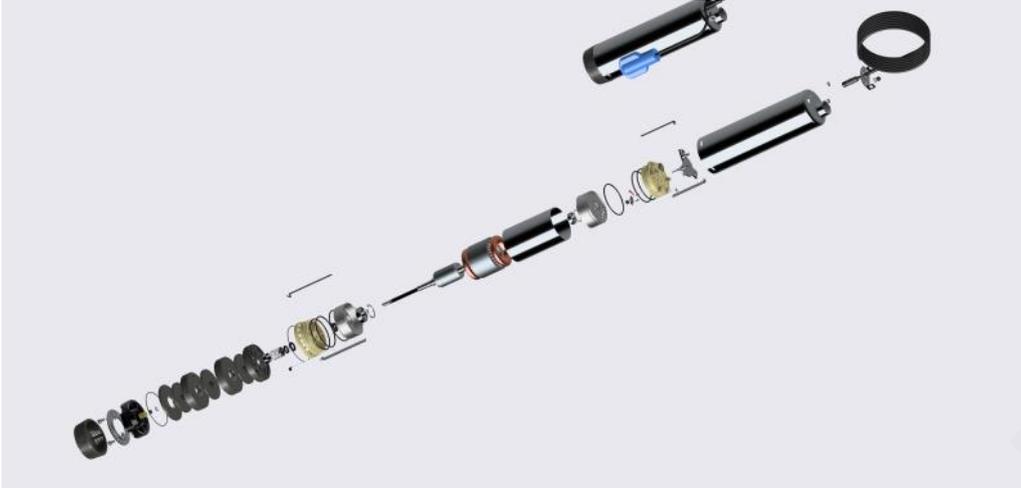
## SPRING 4M - CURVA DE PERFORMANCE (Q - HM)



Curvas de caudal (Q) vs. altura manométrica (Hm)

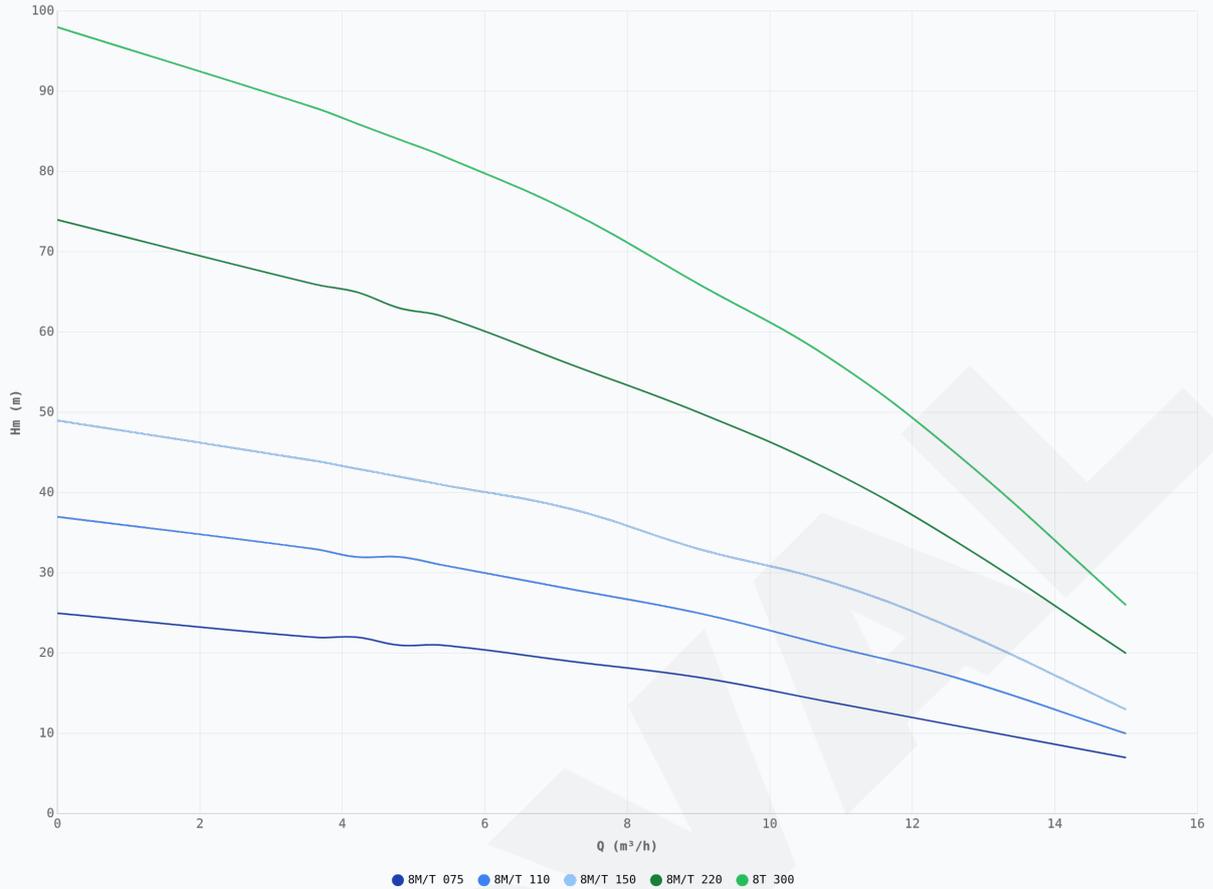
Modelo	kW	CV	Amperagem	m³/h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	7.2
					Hm (m)										
4M/T 055	0,55	0,75	4.1 / 1.6		36,0		34,0	32,0	31,0	30,0	29,0	27,0	25,0	23,0	14,0
4M/T 075	0,75	1,00	5.5 / 2.2		48,0		45,0	43,0	42,0	40,0	38,0	36,0	33,0	30,0	18,0
4M/T 090	0,90	1,20	7.0 / 2.7		61,0		57,0	54,0	52,0	50,0	48,0	45,0	42,0	38,0	23,0
4M/T 110	1,10	1,50	7.6 / 3.0		73,0		68,0	65,0	62,0	59,0	57,0	53,0	50,0	45,0	27,0
4M/T 150	1,50	2,00	10.2 / 3.2		97,0		90,0	86,0	83,0	79,0	76,0	71,0	66,0	60,0	36,0
4M/T 220	2,20	3,00	12.8 / 4.7		121,0		113,0	108,0	104,0	99,0	95,0	89,0	83,0	75,0	45,0

## SPRING 8M - DIMENSÕES



Modelo	Tensão	A (mm)	Peso (kg)	Saída
8M 075	230V	421,0	12,8	1" 1/2
8T 075	400V	467,0	14,3	1" 1/2
8M 110	230V	527,0	16,8	1" 1/2
8T 110	400V	621,0	19,6	1" 1/2
8M 150	230V	405,0	11,5	1" 1/2
8T 150	400V	452,0	14,7	1" 1/2
8M 220	230V	497,0	15,1	1" 1/2
8T 220	400V	591,0	17,4	1" 1/2
8T 300	400V	682,0	20,6	1" 1/2

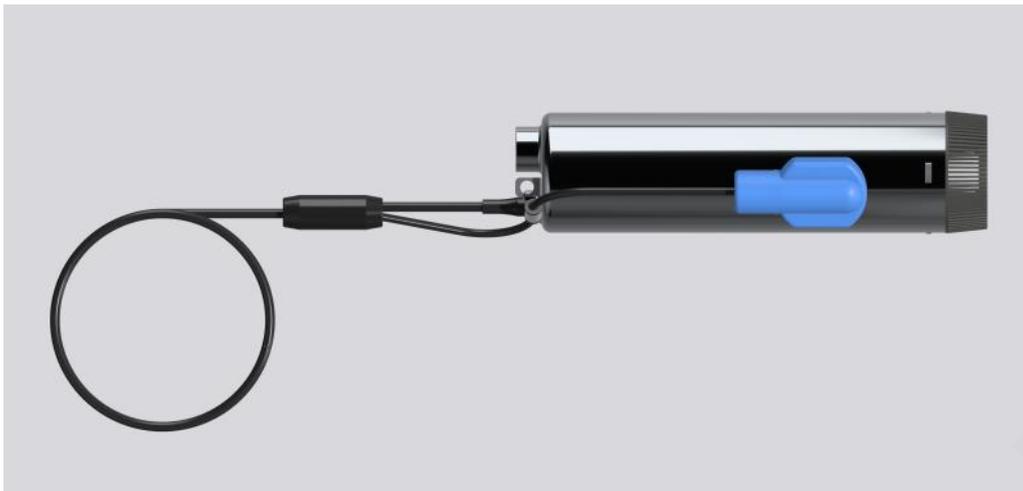
## SPRING 8M - CURVA DE PERFORMANCE (Q - HM)



Curvas de caudal (Q) vs. altura manométrica (Hm)

Modelo	kW	CV	Amperagem	m³/h																
				0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	7.2	9	10.8	12.6	15		
				Hm (m)																
8M/T 075	0,75	1,00	5,4 / 2,2	25,0							22,0	22,0	21,0	21,0	19,0	17,0	14,0	11,0	7,0	
8M/T 110	1,10	1,50	7,5 / 3,1	37,0							33,0	32,0	32,0	31,0	28,0	25,0	21,0	17,0	10,0	
8M/T 150	1,50	2,00	9,6 / 3,2	49,0							44,0	43,0	42,0	41,0	38,0	33,0	29,0	23,0	13,0	
8M/T 220	2,20	3,00	14,3 / 5,1	74,0							66,0	65,0	63,0	62,0	56,0	50,0	43,0	34,0	20,0	
8T 300	3,00	4,00	- / 7,0	98,0							88,0	86,0	84,0	82,0	75,0	66,0	57,0	45,0	26,0	

## LISTA DE MATERIAIS



Pos.	Descrição	Material (Standard)
1	Válvula	Aço inox. AISI 304
2	Câmara de descarga	Aço inox. AISI 304
3	Turbina	Polycarbonato / Noryl
4	Difusor	Polycarbonato / Noryl
5	Veio	Aço inox. AISI 304
6	Camisa externa	Aço inox. AISI 304

## CONDIÇÕES DE UTILIZAÇÃO

- Com 20 metros cabo de alimentação. Equipado com interruptor de bóia.

**A sua opinião ajuda outros profissionais:** A sua opinião ajuda outros profissionais a escolher com confiança. Pode deixar-nos a sua avaliação no Google:

<https://g.page/r/CQ-zo3RFB7I3EAE/review>