



CENNIK
2019

POMPY
ES



ES SERIES

SUBMERSIBLE PUMPS AND ELECTRIC PUMPS

ES 3-5

TABLE OF HYDRAULIC PERFORMANCE AT 50 HZ

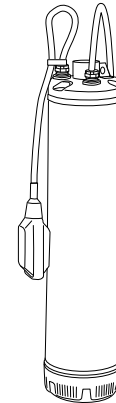
Pump model	RATED POWER		Q = DELIVERY												
			l/min 0	25	33.3	42	50	58.3	67	75	83.3	92	100	116.7	125
			m ³ /h 0	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	7	7.5
			US GPM 0	6.6	8.8	11	13.2	15	17.6	19.8	22	24.2	26	30.8	33
[kW]	[HP]	H = TOTAL M.HEAD OF WATER COLUMN [m]													
ES 3/3	0.55	0.75	34	30.5	28.5	26.5	23.5	21	17.5	14					
ES 3/4	0.55	0.75	45	40	37.5	34.5	31	27	23	18					
ES 3/5	0.75	1	56	49	46	42	38	33	27.5	21.5					
ES 3/6	0.75	1	66.5	58	54	49.5	44.5	38.5	32	25					
ES 3/7	0.9	1.2	77.5	68	63.5	58	52	45	37.5	29.5					
ES 3/8	1.1	1.5	88	77	71.5	65	58	50.5	42	32.5					
ES 5/3	0.55	0.75	34.5			31	30	29	28	26.5	25	23.5	22	17.5	15
ES 5/4	0.75	1	45.5			40.5	39	38	36.5	35	33	30.5	28	22	19.5
ES 5/5	0.9	1.2	57			50.5	49	47.5	45.5	43.5	41	38	35	27.5	23
ES 5/6	1.1	1.5	68			59.5	58	55.5	53	50.5	47.5	44	40.5	31.5	26

ES 3-5

PRODUCT DESCRIPTION

5" close-coupled submersible multistage pump made of stainless steel AISI304, including 20 mt H07RN-F cable and internal capacitor.

TECHNICAL DATA	
Power range:	0.55 kW ÷ 1.1 kW
Frequency:	50 Hz
Flow:	up to 7.5 m ³ /h
Head:	up to 90 m
Maximum immersion depth:	17 m
Liquid temperature:	- 5 °C; + 40 °C
Protection degree:	IP68
Insulation class:	F
MATERIALS	
Casing and delivery outlet:	Stainless steel AISI 441/304
Impellers:	Stainless steel AISI 304
Double Mechanical seal:	Ceramic / Carbon / NBR
Elastomers:	NBR



SINGLE-PHASE VERSION 1 X 230

Pump model	Version without float switch		Version with float switch		Capacitor		Cable section [mm ²]	Power		Performance		Weight [Kg]
	Code	Price	Code	Price	[µf]	[Vc]		[kW]	[HP]	Q [m ³ /h]	H [m]	
ES 3/3	ETH10534300	409,98 €	ETH10534301	452,21 €	16	450	1	0.55	0.75	1.5 ÷ 4.5	31 ÷ 14	13.2
ES 3/4	ETH10534315	427,05 €	ETH10534316	471,17 €	16	450	1	0.55	0.75		40 ÷ 18	13.8
ES 3/5	ETH10534330	444,11 €	ETH10534331	488,24 €	20	450	1	0.75	1		49 ÷ 22	15.6
ES 3/6	ETH10534345	465,46 €	ETH10534346	509,61 €	20	450	1	0.75	1		58 ÷ 25	16.2
ES 3/7	ETH10534360	503,89 €	ETH10534361	548,02 €	30	450	1	0.9	1.2		68 ÷ 30	18.8
ES 3/8	ETH10534375	548,02 €	ETH10534376	592,15 €	30	450	1	1.1	1.5		77 ÷ 33	19.4
ES 5/3	ETH10554320	421,52 €	ETH10554321	464,01 €	16	450	1	0.55	0.75	2.5 ÷ 7.5	31 ÷ 15	13.2
ES 5/4	ETH10554335	439,83 €	ETH10554336	483,96 €	20	450	1	0.75	1		41 ÷ 20	14.8
ES 5/5	ETH10554350	462,63 €	ETH10554351	506,78 €	30	450	1	0.9	1.2		51 ÷ 23	17.6
ES 5/6	ETH10554365	503,89 €	ETH10554366	548,02 €	30	450	1	1.1	1.5		60 ÷ 26	18.2

THREE-PHASE VERSION

Pump model	3 x 230 V		3 x 400 V		Cable section [mm ²]	Power		Performance		Weight [Kg]
	Code	Price	Code	Price		[kW]	[HP]	Q [m ³ /h]	H [m]	
ES 3/3 T	ETH10534703	422,27 €	ETH10534700	409,98 €	1	0.55	0.75	1.5 ÷ 4.5	30 ÷ 15	16.2
ES 3/4 T	ETH10534719	439,87 €	ETH10534715	427,05 €	1	0.55	0.75		40 ÷ 18	16.2
ES 3/5 T	ETH10534737	456,07 €	ETH10534730	442,78 €	1	0.75	1		49 ÷ 22	16.8
ES 3/6 T	ETH10534749	474,93 €	ETH10534745	461,09 €	1	0.75	1		58 ÷ 25	17.4
ES 3/7 T	ETH10534762	514,08 €	ETH10534760	499,10 €	1	0.9	1.2		68 ÷ 30	18
ES 3/8 T	ETH10534779	543,94 €	ETH10534775	528,10 €	1	1.1	1.5		77 ÷ 33	18.6
ES 5/3 T	ETH10554719	434,16 €	ETH10554715	421,52 €	1	0.55	0.75	2.5 ÷ 7.5	30 ÷ 14	16.2
ES 5/4 T	ETH10554732	453,03 €	ETH10554730	439,83 €	1	0.75	1		41 ÷ 19	16.2
ES 5/5 T	ETH10554748	474,42 €	ETH10554745	461,22 €	1	0.9	1.2		51 ÷ 23	16.8
ES 5/6 T	ETH10554764	504,35 €	ETH10554760	489,67 €	1	1.1	1.5		60 ÷ 26	17.4