

# ES4 Submersible



## Submersible pump with floating impellers

### Applications

Domestic applications, irrigation, pressurisation, water transfer, suitable for 4" wells and above.

### Materials

Outer case, discharge body, suction strainer, pump support and pump shaft in stainless steel AISI 304.  
Diffusers in technopolymer.  
Floating impellers in Noryl (glass loaded polymer).

### Motor

Franklin water cooled as standard.  
Espa water & oil cooled on request.  
Class B insulation.  
Protection IP 68.  
Continuous operation.  
Complete with built-in thermal protection.  
Energy Index MEI $\geq$ 0,4.

### Limitations

Maximum liquid temperature: 40 °C.  
Maximum quantity of sand in suspension: 150 g/m<sup>3</sup>.

### Equipment

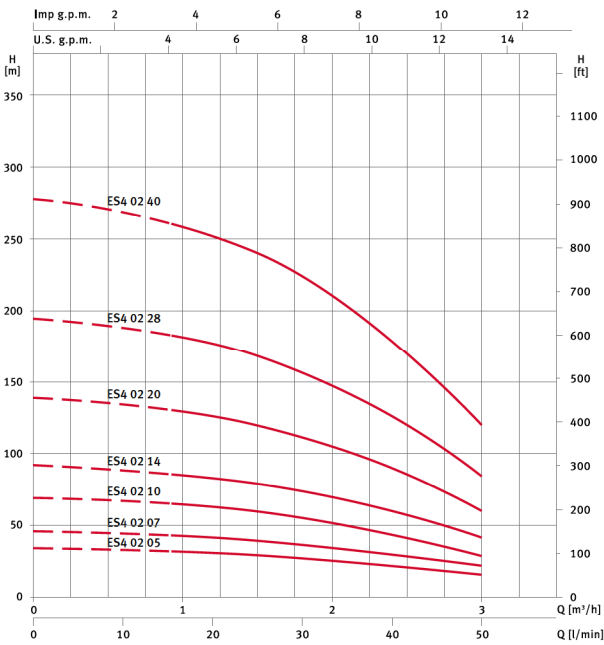
Complete with pre-fitted cable tail.  
Integral non return valve.



## Hydraulic performance table

Model	P2		l/min	0	20	25	30	40	50	Wet end only
	[kW]	[HP]	m <sup>3</sup> /h	0	1.2	1.5	1.8	2.4	3.0	Code
ES4 02 05	0.37	0.5	mwc	34	31	29	27	23	16	00157701
ES4 02 07	0.37	0.5		46	42	39	36	29	22	00157702
ES4 02 10	0.55	0.75		69	63	60	55	44	29	00157703
ES4 02 14	0.75	1		92	83	79	74	60	42	00157704
ES4 02 20	1.1	1.5		139	127	120	111	90	60	00157705
ES4 02 28	1.5	2		193	176	167	155	125	83	00162589

## Performance curves at 2900 rpm



## Dimensions and weights

Model	Dimensions [mm]		Weight pump
	L1	L	[kg]
ES4 02 05	236	591	2.5
ES4 02 07	271	626	2.8
ES4 02 10	324	679	3.3
ES4 02 14	394	774	3.9
ES4 02 20	499	914	4.9
ES4 02 28	640	1090	6.2
ES4 02 40	851	1351	8.1

