

MULTISTAGE CENTRIFUGAL PUMPS

ESP SERIES

Exceptional Quality, Heavy Duty, European manufactured Stainless Steel horizontal multistage pumps for pumping of clean water in the domestic, agricultural and industrial sectors; pressure and booster systems: irrigation; water treatment; heating and air-conditioning; washing systems. Pump control options include pressure controller, pressure switch and tank, and variable speed controller.



APPLICATIONS

- Domestic, agricultural, industrial water supply
- Irrigation systems
- Washing systems
- Pressure boosting
- Water treatment

FEATURES & BENEFITS

- Made in Italy
- Precision engineered for reliability and high performance.
- Close coupled and compact; quiet operation
- Excellent efficiency that results in a reduction of running cost and power
- Intermediate shaft guiding stage for concentricity of rotation, improved quietness and durability
- Over-dimensioned bearings for longer life
- Flow: up to 155L/min. Total Head: up to 69m
- Maximum liquid temperatures -5°C - +35°C
- 3 year replacement warranty
- Continuous duty motor

CONSTRUCTION

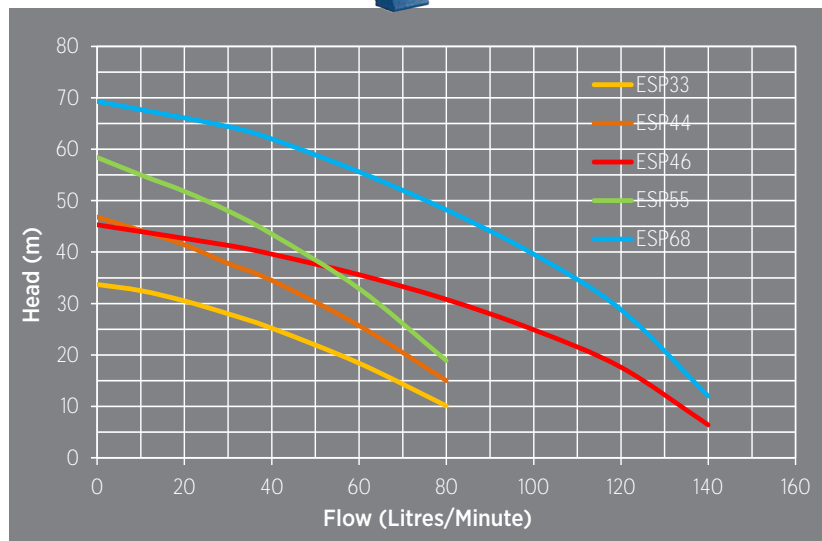
- Stainless steel pump casing with noryl impellers and diffusers
- Mechanical seal - carbon/ceramic
- Mechanical seal disc holder - grade 304
- Pump shaft - grade 303 stainless steel
- Motor frame: aluminium alloy

MOTOR

- 2 pole electric induction motor
- Stator made with low-loss laminated electric sheet steel
- Insulation class F, IP44
- Single phase 240V - 50hz with thermal overload
- Install in weather proof enclosure

PUMP CONTROL OPTIONS

- REEFE® Pressure Controller
- REEFE® Pressure Switch and Tank
- REEFE® Variable Speed Control



CODE	MODEL	POWER			RATED		MAXIMUM		INLET / OUTLET (MM)	SIZE L X W X H (MM)
		VOLTS	AMPS	KW	FLOW (L/MIN)	HEAD (M)	FLOW (L/MIN)	HEAD (M)		
3107	ESP33	240	2.9	0.5	30	23	90	30	25 FBSP	331 x 164 x 190
3114	ESP44	240	4.0	0.6	30	32	95	41		360 x 164 x 190
3121	ESP55	240	4.8	0.75	30	41	100	52		405 x 164 x 203
3138	ESP46	240	5.2	0.9	60	35	150	45.3		381 x 164 x 203
3145	ESP68	240	7.7	1.3	60	55	155	69.3		460 x 164 x 211
4691	ESP68-3	415	3.0	1.3						