

ES brass peripheral pumps

The three models of the ES range of peripheral pumps with horizontal suction and vertical delivery are designed for continuous operation at 4.5 l/min and above and offer a number of seal and motor options to meet your requirements.

A vertical suction range is also available (see RG data sheet B102).

Application

The range of ES peripheral pumps is designed to pump clean, fresh water. Other clean, non aggressive, non explosive liquids with similar characteristics to water may be pumped.

The ES range can be used for pressure boosting, fluid transfer and distribution. They are suitable for flooded suction applications. Alternatively a maximum suction lift of 4.6 m is permitted when using a Stuart footvalve/strainer.

Materials

Body	Brass
Impeller	Brass
Pump shaft	Stainless steel
Seal	Nitrile/carbon/ceramic Nitrile/carbon/silicon Viton/carbon/silicon

Operating Conditions

Max. liquid temp.	80 °C
Min. liquid temp.	4 °C
Max. suction lift	4.6 m
Max. ambient air temp.	40 °C
Max. viscosity	50 Secs redwood no. 1 9.5 centistokes

Pump Connection Sizes

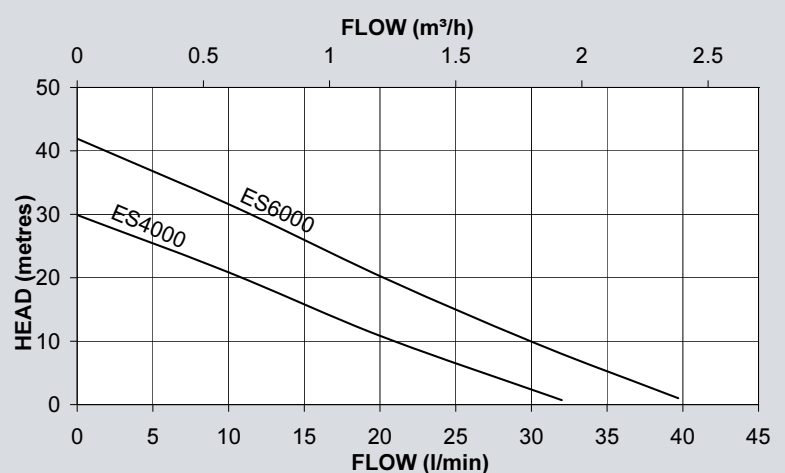
Inlet	G1 Female
Outlet	G1 Female



ES4000



ES6000



ES brass peripheral pumps

Model	Motor*	Nominal watts	Max. watts consumed	Amps full load	Seal	Carton dims.			Gross weight Kg	Part no.
						L	x W	x H		
ES4000	230/1/50	120	365	1.6	Nit/Car/Cer	330	x 190	x 190	5.2	46449
	230/1/50	120	365	1.6	Nit/Car/Sil	330	x 190	x 190	5.2	46450
	230/1/50	120	365	1.6	Vit/Car/Sil	330	x 190	x 190	5.2	46451
ES6000	230/1/50	300	560	2.5	Nit/Car/Cer	330	x 190	x 190	5.8	46452
	230/1/50	300	560	2.5	Nit/Car/Sil	330	x 190	x 190	5.8	46453
	230/1/50	300	560	2.5	Vit/Car/Sil	330	x 190	x 190	5.8	46454

*Built to IP44, all motors are designed for continuous running @ 4.5 l/min and above and feature totally enclosed fan ventilated cooling and integral thermal overload protection.

