



### PUMP

The Pedrollo BC range of centrifugal submersible drainage pumps are specifically designed to operate in waste water containing relatively large amounts of impurities. They are fitted with a double channel impeller for pumping of liquids containing suspended solids and short fibres.

Construction is epoxy electrocoated cast iron pump body, stainless steel motor housing with cast iron impellers. 5m of Neoprene cable is supplied for single phase model and 10m cable for three phase models. Single phase models are provided with an external float switch to automatically control pump start and stop.

### MOTOR

Pumps are provided with built-in liquid cooled non-overloading induction motors designed for continuous operation. A thermal cut-out is provided in the motor windings to protect against pump overload and the pump can be connected directly to the mains power supply through a 10amp fuse or MCB. Three phase models require a remote DOL starter.

**Enclosure Class:** IPX8

**Insulation Class:** F

**Speed:** 2900rpm

### OPERATING CONDITIONS

**Pumped liquid:** Thin, clean, chemically non-aggressive liquids containing some impurities and fibres.

**Max. Fluid Temperature:** +40°C

**Max. Immersion Depth:** 5m

**Min. Immersion Depth:** 300mm (BCm15/50), 470mm (BC 40,75/35)

### PUMP DATA

Model	Motor		Current (A)		Max Particle Size (mm)	DN (")	Dimensions (mm)								Weight (kg)
	kW	HP	1x240V	3x415V			A	B	C	D	E	F	H	H1	
BCm 15/50	1.1	1.5	8		50	2	115	95	155	17	500	500	447	164	16
BC 40/35	4	5.5		6	35	2½		113	170	40		800	595	100	56
BC 75/35	5.5	7.5		14								665		67	

