



### PUMP

The PEDROLLO CK range are self-priming peripheral type liquid ring pumps designed for handling difficult liquids and pumping conditions. They are especially suited for irregular flow rates, aerated and foamy liquids and viscous liquids like oils and low volatility fuels and the self priming design makes them suitable for difficult suction conditions.

Pump construction is cast iron body, aluminium motor bracket with brass insert and brass impeller.

### MOTOR

Pumps are close coupled to a TEFC brushless induction motor designed for continuous operation. A thermal relay is provided in the windings to protect against electrical and mechanical overload and the pump can be connected directly to the mains power supply through a 10amp fuse or MCB.

**Enclosure Class:** IP44

**Insulation Class:** F

**Voltage:** 1 x 240V

**Speed:** 2900rpm

### OPERATING CONDITIONS

**Pumped liquid:** Thin, clean, chemically non aggressive liquids without abrasive particles or fibres. The pump is designed to handle higher viscosity as well as highly aerated liquids.

**Max. Fluid Temperature:** +90°C, +55°C for diesel

**Max. Ambient Temperature:** +40°C

**Max. Suction Lift:** 9m (at sea level)

### PUMP DATA

Model	Motor (kW)	Current (A)	DN1	DN2	Dimensions (mm)				Weight (kg)
					L	B	H	W	
CKm50	0.37	2.9	3/4"	3/4"	260	80	152	120	8
CKm90	0.75	4.9	1"	1"	297	90	181	134	11

