

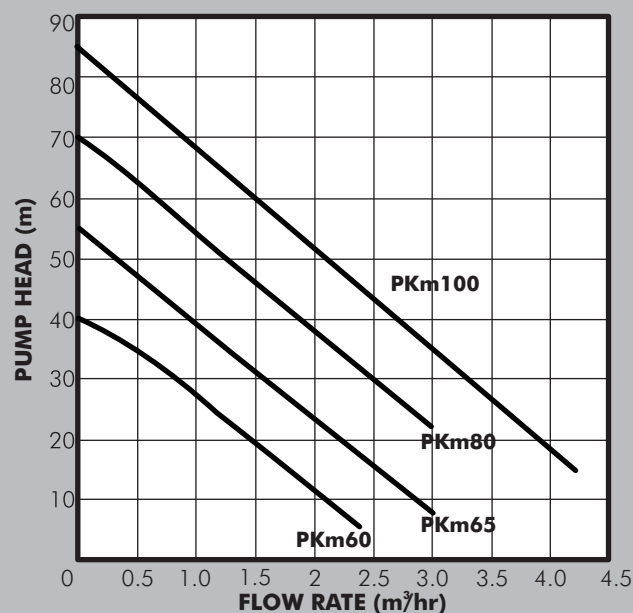


PEDROLLO



PKm

Peripheral Impeller Booster Pumps



PUMPS

The Pedrollo PKm is a robust, reliable and economical pump used principally for water transfer in domestic and small scale water transfer applications. The pump body is made from cast iron with a brass insert set into the front housing for improved starting performance and protection from jamming. The impeller is made from brass.

The pumps have been remodelled and re-engineered offering the following benefits;

- Quiet operation due to the anti vibration system between shaft and impeller
- More compact
- More efficient motor with low energy consumption and lower operating temperature
- Special paint which gives improved resistance against environmental corrosion
- Extended life

Pumps can be installed for manual or automatic control using either the recommended 'Pedrollo Easysmall' controller or a pressure tank and switch. Also available is the integral 'Hydrofresh' version (PKm60) only which combines a 24L horizontal diaphragm tank, pressure switch and gauge with pressure settings of 1.4 bar for pump start and 2.8 bar for pump stop.

MOTOR

Pumps are close coupled to a TEFC brushless induction motor designed for continuous operation. Overload protector 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: IPX4

Insulation Class: F

Voltage: 1x240V

Speed: 2900rpm

OPERATING CONDITIONS

Pumped Liquid: Thin, clean, chemically non aggressive liquids without abrasive particles or fibres.

Max. Fluid Temperature: +60°C

Max. Ambient Temperature: +40°C

Max. Suction Lift: 8m (at sea level)

PUMP DATA

Model	Motor		Current (A)	DN1 (")	DN2 (")	Dimensions (mm)				Weight (kg)
	kW	HP				L	H	H1	W	
PKm60®	0.37	0.5	2.4	1	1	208	145	56	118	5
Hydrofresh PKm60®						535	500	346	255	14
Pkm65	0.55	0.75	3.4			237	153	63	120	7
Pkm80	0.75	1	4.8			285	179	71	140	10
Pkm100	1.1	1.5	8.2			365	212	80	152	14

