BIANCO NXT pumps

PRODUCT DATA SHEET

CAST IRON PERIPERAL TURBINE PUMP

BIA-PTF37CORE – 808396



PRODUCT DETAILS

Bianco NXT PTF end-suction peripheral turbine pump is ideal for pumping uncontaminated liquids in applications where low flow rates have to be pumped at high pressure.

Especially suited for use as jacking pumps in commercial and industrial applications and also for small domestic situations. PTF pumps are ideal for tank water transfer.

Suitable for clean water applications where there is flooded suction.

APPLICATIONS

- Small domestic pressure boosting systems
- Gardening
- Industrial or commercial applications such as boiler feed systems, cooling, circulation or as pumps for the chemical industry.
- Water transfer

FEATURES

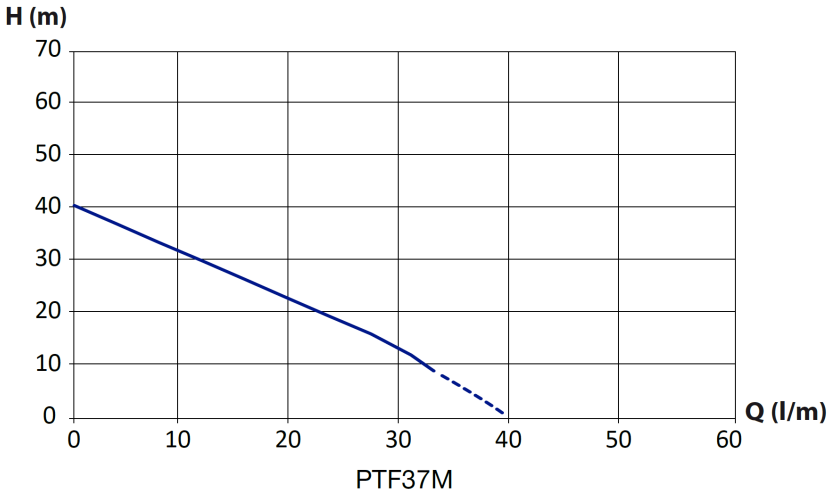
- Compact, simple design
- Close-coupled 240V single-phase TEFC motor with inbuilt auto-reset thermal overload
- Robust and reliable
- Cast iron housing with cataphoresis corrosion-resistant coating and bronze impeller
- Supplied with NXT CORE pressure controller (adjustable start pressure, dry-run protection, automatic restart)

TECHNICAL DATA

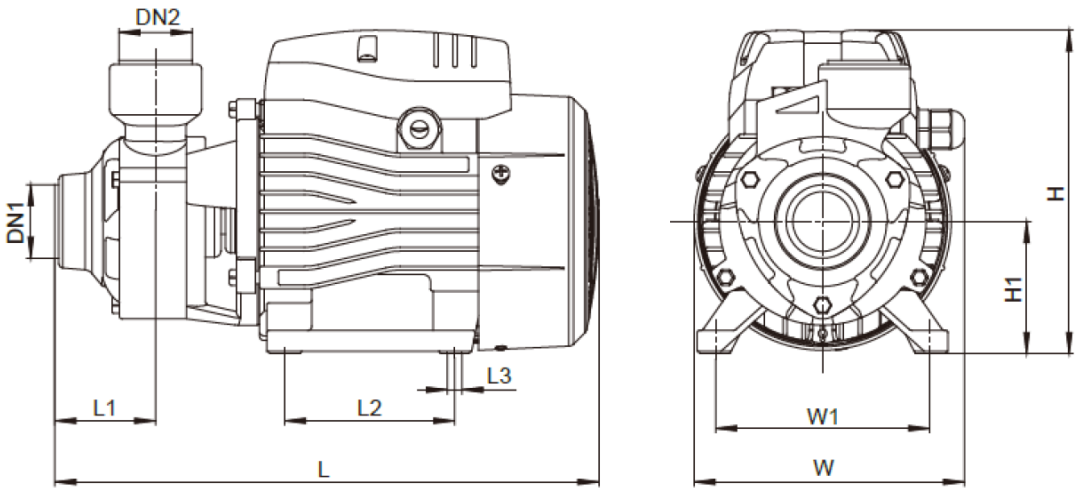
RATED POWER (W)	0.37 kW
MAX. FLOW [LPM]	40 L/min
MAX. HEAD [M]	40 m
MAX OPERATING PRESSURE	6 bar
MOTOR INSULATION	F Class
MOTOR PROTECTION	Inbuilt thermal overload
MAX AMBIANT TEMP	40°C
MAX LIQUID TEMPERATURE	3 – 40°C
MECHANICAL SEAL	Carbon/Ceramic/Nitrile
AUTOMATION FUNCTION	NXT CORE Pressure Controller

RATED VOLTAGE	230V (-6%, +10%) 1ph 50Hz
RATED CURRENT	2.5 A
CAPACITOR	8µF 450Vc
POWER CABLE TYPE	1.5m H05 Cable
PROTECTION CLASS	IP44
IMPELLERS	Single
INLET	1” BSPF
OUTLET	1” BSPF
PACKAGING DIMENSIONS	370 x 245 x 385mm
GROSS WEIGHT (KG)	5.5 kg (pump only)

CURVE



DIMENSIONS



Model	DN1	Dn2	L (mm)	W (mm)	H (mm)	L1 (mm)	L2 (mm)	L3 (mm)	W1 (mm)	H1 (mm)
PTF 37	G1"	G1"	260	132	155	46.5	80	8.5	100	63

WARRANTY / CERTIFICATIONS

BIANCO NXT 2 YEAR WARRANTY

COMPLIES TO AUSTRALIAN ELECTRICAL STANDARDS

Approved for Drinking Water AS/NZ 4020