

WATER PRESSURE PUMPS AND WASHDOWN TRANSFER PUMPS

Clear water pumps for domestic
and commercial applications



WATER...

Without such a basic commodity our lives quickly come to a halt.

If you are reliant on a pump to service your home or commercial facility you need all these features:

RELIABILITY:
Wallace Pumps offer fully automatic pumps all with low maintenance features.

PERFORMANCE:
Water on demand all Wallace Pumps give you constant flow at constant pressure.

AFFORDABILITY:
At Wallace Pumps we offer you a wide range of pumps to suit a wide range of budgets.

PEACE OF MIND:
Wallace Pumps gives a two year on-site parts and labour warranty on all of our Pressure and Transfer pumps. Wallace Pumps have been supplying pumps to New Zealand for 125 years.
Doesn't that speak for itself?



MAXI PRESSURE PUMPS

FEATURES

- Fully automatic
- In-built run dry protection
- Suitable for mains and low pressure systems
- 2 year on-site parts and labour warranty
- Very low maintenance – no need to service pressure tanks
- Suitable for use with above or below ground water tanks, wells and bores
- Provides constant pressure at constant flow



MP3000

For quiet efficient supply of water, in small to medium size and double level homes.

Stainless steel impeller.



MP5000

MP5000 is for large multi level homes.

Stainless steel impeller.



MPVS-7000

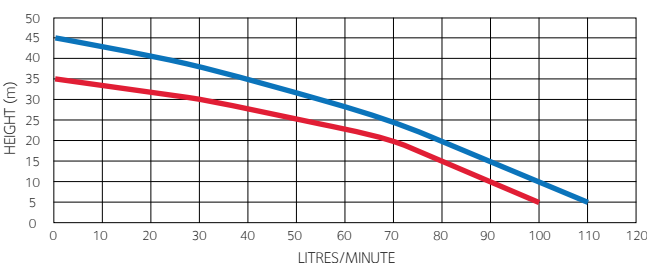
Variable speed drive automatic horizontal pressure booster pumpset for domestic and commercial use.

Variable constant pressure at constant flow.

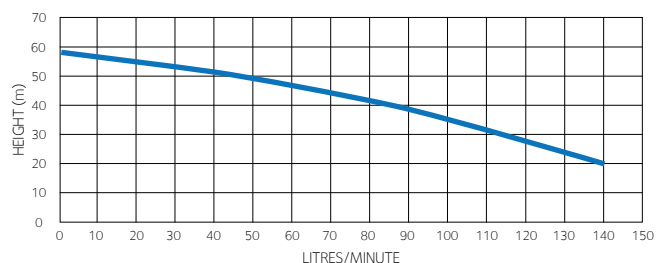
Stainless steel construction.

**ENERGY EFFICIENT
VARIABLE SPEED DRIVE**

PUMP PERFORMANCE: — MP5000 — MP3000



PUMP PERFORMANCE: — MPVS-7000



HYDROJET PRESSURE PUMP

2
YEAR
ON-SITE
WARRANTY

FEATURES

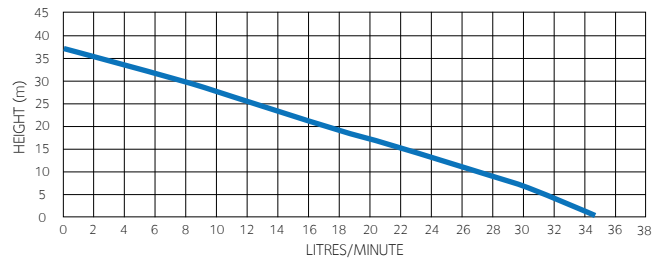
- Fully automatic
- Suitable for mains and low pressure system
- In-built run dry protection
- 2 year on-site parts and labour warranty
- Suitable for use with above or below ground water tanks, wells bores and spear points
- Provides constant pressure at constant flow

HJ30P

The Hydrojet 30P is a budget model but small and powerful brass peripheral turbine pump suitable for small single level houses, baches and home rainwater irrigation systems. Brass impeller.



PUMP PERFORMANCE: — HJ30P

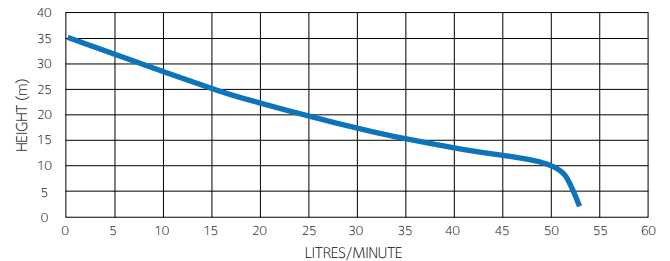


HJ60

Budget model suitable for small single level homes or baches and home rainwater irrigation systems. Stainless steel impeller.



PUMP PERFORMANCE: — HJ60

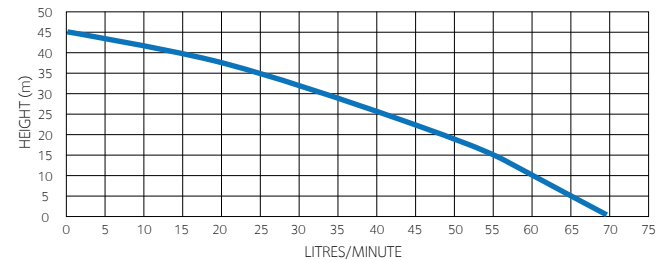


HJ100

Budget model suitable for small single level homes or baches and home rainwater irrigation systems. Stainless steel impeller.



PUMP PERFORMANCE: — HJ100

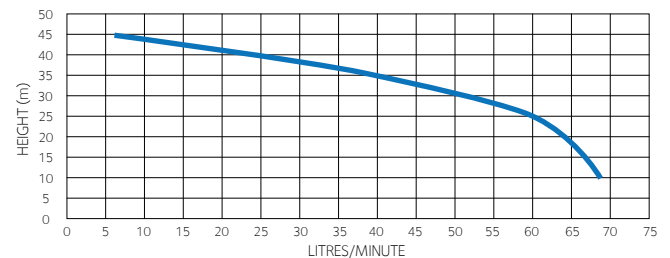


HJ140

The Hydrojet 140 is a powerful stainless steel jet pump suitable for small to large houses where tough suction conditions exist. Brass impeller.



PUMP PERFORMANCE: — HJ140

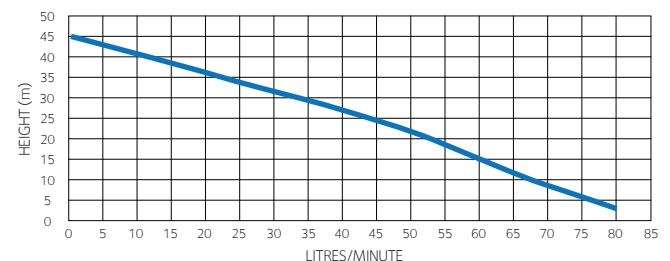


HJ400

For supply of water in medium size double level homes in difficult suction lift applications. Brass impeller cast iron construction.



PUMP PERFORMANCE: — HJ400



VARIABLE SPEED CONTROL PRESSURE PUMPS

2
YEAR
ON-SITE
WARRANTY

FEATURES

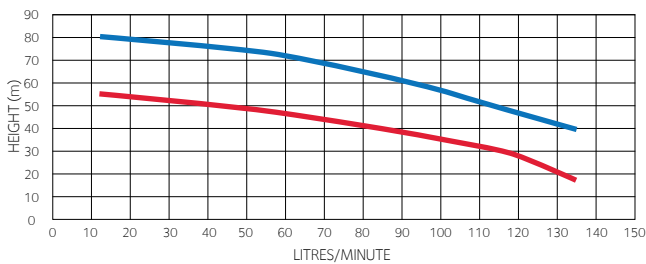
- Energy saving
- No noise, No vibration
- In-built run dry protection
- Automatic recovery after power failure
- 2 year on-site parts and labour warranty
- Very low maintenance – no need to service pressure tank
- All liquid exposed parts are stainless steel
- Provides variable constant at constant flow pressure

EQ-DHF4-40 EQ-DHF4-60

Large Home, Motel, sprinkler system, boosting from the top of an apartment. Clean non flammable non explosive liquids without solid granules and fibres. Stainless steel construction.



PUMP PERFORMANCE: — EQ-DHF4-60 — EQ-DHF4-40



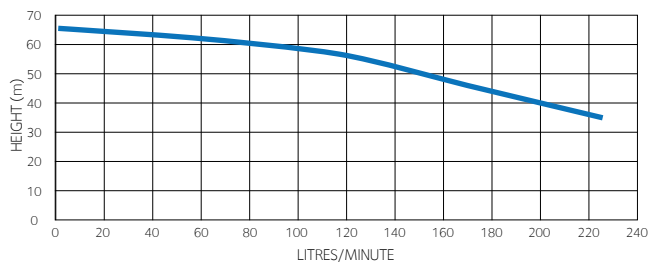
IQ-DRL8-60

Large Home, Motel, sprinkler system, boosting from the top of an apartment. Clean non flammable non explosive liquids without solid granules and fibres.

Stainless steel construction.



PUMP PERFORMANCE: — IQ-DRL8-60



CIRCULATING PUMPS

FEATURES

- Blue pumps for heating / chilled water
- Yellow pumps for secondary hot water applications
- Temperature range -15°C to 120°C
- In secondary hot water applications it is recommended that water temperature does not exceed 65°C

2
YEAR
ON-SITE
WARRANTY

EV2-70-2Z (HP)

For domestic hot water. Bronze construction.



EV2-70-2C

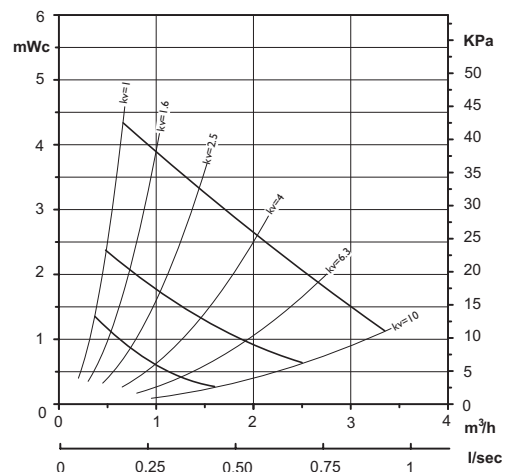
For closed heating system hot water and for air conditioning system chilled water. Cast iron construction.



Installation & Operating Conditions

Pump must be used only in clean water service without any solids, grit, or dirt. Pump to be installed such that the shaft is in a horizontal position. Pump must be installed in a weatherproof location with proper ventilation and easy access.

PUMP PERFORMANCE:



WASHDOWN TRANSFER PUMPS



FEATURES

- Suitable for mains and low pressure systems
- Single stage monobloc non self priming pump with axial suction and vertical discharge
- 2 year on-site parts and labour warranty
- Built-in thermal overload unit
- All stainless steel pump housing
- Impeller mounted directly on the motor shaft extension making pump suitable for continuous duty

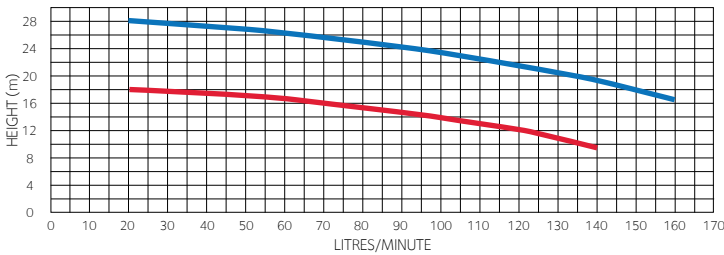
MS100/0.55 MS100/1.1

Domestic water supply, cooling water systems, sprinkler systems, agriculture, boosting and circulation systems and water treatment.

304 Stainless steel range:
Clear non-aggressive liquids
Stainless steel construction.



PUMP PERFORMANCE: — MS100/1.1 — MS100/0.55



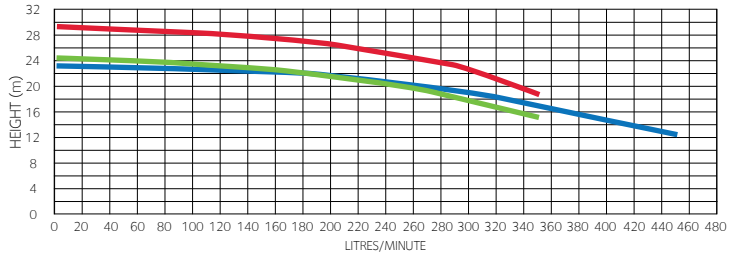
MS250/1.5 MS250/2.2 3PH MS330/2.2 3PH

Domestic water supply, cooling water systems, sprinkler systems, agriculture, boosting and circulation systems and water treatment.

304 Stainless steel range:
Clear non-aggressive liquids
Stainless steel construction.



PUMP PERFORMANCE: — MS250/1.5 — MS250/2.2 — MS330/2.2



HYDROFLO TRANSFER PUMP



FEATURES

- Fully automatic
- Suitable for mains and low pressure systems
- 2 year on-site parts and labour warranty
- Suitable for use with header tanks
- Provides constant pressure at constant flow
- Very low maintenance – brass construction means it will not corrode and seize will idle

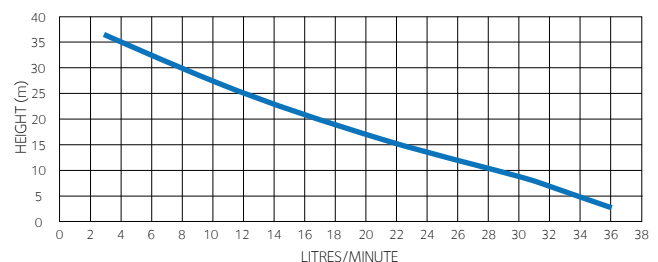
HF40

The Hydroflo 40 is a budget model, small but is a powerful brass peripheral turbine pump ideally suited for a header tank pump.

Brass impeller.



PUMP PERFORMANCE: — HF40



BORE HOLE PUMPS (4")



FEATURES

- Pump maximum OD 98mm
- High hydraulic & operating efficiency
- Made of precision machined parts
- Mounting Dimensions as per NEMA (National Electrical Manufacturers Association)
- Water lubricated motor with built-in thermal overload protection and IP58 degree of protection
- Built in check valve
- Can handle high up thrust loads
- Robust Stainless Steel construction
- Good abrasion resistance to sand
- Can be easily dismantled & repaired
- Extremely hardwearing water lubricated bush bearings

Material of Construction (4" pumps)

- Diffusers : Stainless Steel (304)
- Impellers : Stainless Steel (304)
- Shaft : Stainless Steel (410)
- Coupling : Stainless Steel (410)
- Non Return Valve Housing / Disc : Stainless Steel (304)

Nominal Dia	4" - Stainless Steel Series						
Power Range (kW)	0.37 kW to 5.5 kW 50 Hz AC Supply						
Speed	2900rpm						
Discharge Range	M ³ /hr	1	2	3	5	8	14
	LPM	16.8	33.6	50.4	83.4	133.2	234
Total Head Range	Metres	320	540	390	365	210	165
Outlet Size In (mm)	32	32	32	40	50	50	

NOTE: Larger diameter bore hole pumps available on request



ALARM SYSTEMS AND MONITORS

Pumping equipment is expensive, by utilising one of our monitors or alarm systems you can protect your investment and avoid any problem that may occur. In some council areas these type of early warning or protection systems are mandatory.

COMPUTERISED PUMP AND ALTERNATING SINGLE/TWIN PUMP CONTROL PANEL

Automatic or manually operated control panel with LED display

- Borehole pumps: Automatic water supply, Irrigation, filling tank
- Submersible pumps: Automatic sewage and waste water pumping from sump, audio/visual high level alarm
- Centrifugal pumps: Used in various industries such as agriculture, water supply, chemical, pulp and paper, fertilizer, petrochemical etc
- Over/under current protection
- Automatic Twin Booster Pumpset: Water supply to large establishments on demand, Irrigation
- Automatic Twin Submersible pumps: Sewage & Waste water pumping from sump/tanks, with audio/visual high level alarm



ELECTRONIC WATER MONITOR

Multi functional alarm and/or control panel for Rain Main system, sewage and waste water pumps

- Rain Main auto changeover electronic monitor will automatically change pumped water to main water when tank water level is low or there is a power supply failure.
- The Electronic Water Monitor features a range of connection options and protection methods to provide failsafe non-flooding solutions.



RAIN MAIN AUTO CHANGEOVER SYSTEM

FEATURES

- System designed to normally supply Tank water by a pump and automatically changeover to mains potable water supply, in case of low water level in tank OR 230V mains power failure.
- Audio-Visual warning will alert of low water level in tank for further remedial action.

How it works:

When water level in tank reaches the pre-determined low level and closes the float switch contacts, Water Monitor will do following actions,

- The Low Level LED will glow and audio buzzer will activate. Buzzer sound only can be stopped by pressing "MUTE" switch. Or if audio buzzer is not required, Monitor to be set on "Level Control Without Alarm" mode, which gives LED indication only.
- The 230V power supply to pump will be disconnected there by switching off pump & stopping water supply by pump from tank.
- The 24V AC power supply to solenoid valve will stop there by opening the solenoid valve & supplying mains water to amenities.
- The volts free contacts in the Water Monitor will close giving signal to remote alarm or Building Management System if connected.
- All conditions automatically reset to original state when the level goes back to normal and the float switch contacts are open.

System can be retrofitted to existing Ground Mounted or Sumersible Pump System.

Note: Rain Main package does not include pump and presscontrol.



POLYSLAB PUMP COVERS

- Light weight for simple DIY installation
- Cut and snap type pipe entry for simple installation
- Recessed security points to anchor cover to base
- Large cooling vents to enhance motor cooling
- Large vents allow water to drain in case of pipe failure
- Elevated heavy duty 120kg rated moulded pump base
- Easy to install and eliminates the need to use heavy and hard-to-handle concrete
- Universal design to suit most pumps
- 550mm(H) x 340mm(W) x 640mm(L)



CUSTOMISED APPLICATIONS

With Wallace Pumps vast knowledge and expert advice from our team of sales engineers we can overcome any pumping obstacle with a designed solution that will work for your application.

If you need extra lift or just more volume we can source or design a system for your needs.



Pressure and Washdown Transfer Pumps Technical Data

MAXI PRESSURE PUMPS

Technical Data

Construction Casing/impeller:
S/Steel / S/Steel
Pump Type: Multistage
Inlet (mm): 25
Outlet (mm): 25

MP3000

Pressure Tank Options: 8-24L
Motor (kW): 0.75
Full Load Current (amps): 5.0
Operation: Presscontrol
Dimensions (mm):
290(H) x 170(W) x 350(L)
Max Flow: 110lpm
Max Head Height: 30m
Shut off Pressure: 330kPa
Weight (Kg): 10.3

MP5000

Pressure Tank Options: 8-24L (optional)
Motor (kW): 0.9
Full Load Current (amps): 6.6
Operation: Presscontrol
Dimensions (mm):
290(H) x 170(W) x 370(L)
Max Flow: 120lpm
Max Head Height: 40m
Shut off Pressure: 450kPa
Weight (Kg): 12

MPVS-7000

Pressure Tank Options: Small tank (supplied)
Motor (kW): 1.5
Full Load Current (amps): 10
Operation: Variable speed drive
Dimensions (mm):
450(H) x 170(W) x 470(L)
Max Flow: 140lpm
Max Head Height: 56m
Shut off Pressure: 550kPa
Weight (Kg): 25

VARIABLE SPEED CONTROL PRESSURE PUMPS

Technical Data

Construction Casing/impeller:
S/Steel / S/Steel
Operation: VSD (variable speed drive)
Pump Type: Multistage
Pressure Tank Options: Small tank (supplied)

EQ-DHF4-40

Motor (kW): 1.5
Full Load Current (amps): 12
Dimensions (mm):
510(H) x 210(W) x 422(L)
Inlet (mm): 32
Outlet (mm): 25
Max Flow: 150lpm
Max Head Height: 53m
Shut off Pressure: 530kPa
Weight (Kg): 28

EQ-DHF4-60

Motor (kW): 2.2
Full Load Current (amps): 16
Dimensions (mm):
510(H) x 210(W) x 496(L)
Inlet (mm): 32
Outlet (mm): 25
Max Flow: 150lpm
Max Head Height: 80m
Shut off Pressure: 800kPa
Weight (Kg): 30

IQ-DRL8-60

Motor (kW): 2.2
Full Load Current (amps): 16
Dimensions (mm):
875(H) x 380(W) x 700(L)
Inlet (mm): 40
Outlet (mm): 40
Max Flow: 200lpm
Max Head Height: 60m
Shut off Pressure: 600kPa
Weight (Kg): 65

HYDROJET PRESSURE PUMPS

Technical Data

HJ30P

Construction Casing/impeller:
Brass / Brass
Operation: Presscontrol
Pump Type: Peripheral Turbine
Pressure Tank Options: 8-24L
Motor (kW): 0.58
Full Load Current (amps): 2.8
Dimensions (mm):
400(H) x 285(W) x 275(L)
Inlet (mm): 25
Outlet (mm): 25
Max Flow: 35lpm
Max Head Height: 35m
Shut off Pressure: 400kPa
Weight (Kg): 6

HJ60

Construction Casing/impeller:
S/Steel / S/Steel
Operation: Presscontrol
Pump Type: Jet
Pressure Tank Options: 8-24L
Motor (kW): 0.37
Full Load Current (amps): 2.7
Dimensions (mm):
310(H) x 210(W) x 370(L)
Inlet (mm): 25
Outlet (mm): 25
Max Flow: 52lpm
Max Head Height: 25m
Shut off Pressure: 350kPa
Weight (Kg): 7

HJ100

Construction Casing/impeller:
S/Steel / S/Steel
Operation: Presscontrol
Pump Type: Jet
Pressure Tank Options: 8-24L
Motor (kW): 0.75
Full Load Current (amps): 4.5
Dimensions (mm):
350(H) x 210(W) x 380(L)
Inlet (mm): 25
Outlet (mm): 25
Max Flow: 52lpm
Max Head Height: 40m
Shut off Pressure: 440kPa
Weight (Kg): 10

HJ140

Construction Casing/impeller:
S/Steel / Brass
Operation: Presscontrol
Pump Type: Jet
Pressure Tank Options: 8-24L
Motor (kW): 0.9
Full Load Current (amps): 6.6
Dimensions (mm):
470(H) x 200(W) x 380(L)
Inlet (mm): 25
Outlet (mm): 25
Max Flow: 75lpm
Max Head Height: 40m
Shut off Pressure: 450kPa
Weight (Kg): 18.5

HJ400

Construction Casing/impeller:
Cast Iron / Brass
Operation: Presscontrol
Pump Type: Jet
Pressure Tank Options: 8-24L
Motor (kW): 1.1
Full Load Current (amps): 7.0
Dimensions (mm):
450(H) x 230(W) x 475(L)
Inlet (mm): 25
Outlet (mm): 25
Max Flow: 75lpm
Max Head Height: 40m
Shut off Pressure: 450kPa
Weight (Kg): 18.5

CIRCULATING PUMPS

Specifications

EV2-70-2Z (HP)

Motor protection IP42 (must be installed in weatherproof location)
Maximum temperature for open systems (65°C)
Minimum static head for closed systems must be 2.5m or more for temperatures up to 80°C, 5m or more for temperatures up to 95°C and 18m or more for temperatures up to 110°C

EV2-70-2C

Motor protection IP42 (must be installed in weatherproof location)
Maximum temperature for closed systems (110°C)
Cast iron pump not suitable for open systems and / or copper pipes
Minimum static head must be 2.5m or more for temperatures up to 80°C, 5m or more for temperatures up to 95°C and 18m or more for temperatures up to 110°C to avoid cavitations

Technical Data

EV2-70-2Z (HP)

Manufacturer: Smedegaard (Denmark)
Inlet (mm): 20 (from unions)
Outlet (mm): 20 (from unions)
Casing Length: 130mm W/O Unions
Casing Material: Bronze
Speeds: Three
Motor Size (P2): 0.04kW
Power Supply: 1Ph / 230v / 50Hz
Full Load Amps: 0.15/0.25/0.35 speeds 1/2/3
Max Working Press: 10 bar
Weight (Kg): 3.3 (Approx)
Dimensions (mm): 130 x 140 x 140 (Approx)

EV2-70-2C

Manufacturer: Smedegaard (Denmark)
Inlet (mm): 25 (from unions)
Outlet (mm): 25 (from unions)
Casing Length: 130mm W/O Unions
Casing Material: Cast Iron
Speeds: Three
Motor Size (P2): 0.04kW
Power Supply: 1Ph / 230v / 50Hz
Full Load Amps: 0.15/0.25/0.35 speeds 1/2/3
Max Working Press: 10 bar
Weight (Kg): 3.3 (Approx)
Dimensions (mm): 130 x 140 x 140 (Approx)

WASHDOWN TRANSFER PUMPS

Technical Data

Casing/impeller: S/Steel / S/Steel
Operation: Manual
Temperature: -10°C to 85°C

MS100/0.55

Motor (kW) P2: 0.55
Dimensions (mm):
216(H) x 230(W) x 361(L)
Inlet (mm): 32
Outlet (mm): 25
Max Flow: 150lpm
Max Head Height: 20m
Weight (Kg): 7

MS100/1.1

Motor (kW) P2: 1.1
Dimensions (mm):
223(H) x 245(W) x 375(L)
Inlet (mm): 32
Outlet (mm): 25
Max Flow: 170lpm
Max Head Height: 29m
Weight (Kg): 16

MS250/1.5

Motor (kW) P2: 1.5 (single or 3 phase)
Dimensions (mm):
232(H) x 253(W) x 415(L)
Inlet (mm): 38
Outlet (mm): 32
Max Flow: 320lpm
Max Head Height: 24m
Weight (Kg): 20

MS250/2.2 3PH

Motor (kW) P2: 2.2 3 phase
Dimensions (mm):
232(H) x 253(W) x 415(L)
Inlet (mm): 38
Outlet (mm): 32
Max Flow: 320lpm
Max Head Height: 30m
Weight (Kg): 23

MS330/2.2 3PH

Motor (kW) P2: 2.2 3 phase
Dimensions (mm):
232(H) x 253(W) x 415(L)
Inlet (mm): 50
Outlet (mm): 232
Max Flow: 440lpm
Max Head Height: 22m
Weight (Kg): 23

HYDROFLO TRANSFER PUMP

Technical Data

HF40

Casing/impeller: Brass / Brass
Operation: Manual
Pump Type: Peripheral Turbine
Motor (kW): 0.38
Full Load Current (amps): 2.8
Dimensions (mm):
160(H) x 200(W) x 275(L)
Inlet (mm): 25
Outlet (mm): 25
Max Flow: 36lpm
Max Head Height: 36m
Weight (Kg): 6



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