IMPPUMPS®
Intelligent Motor Pumps
75 YEARS

PF



Performance range

Max. Flow: 30 m³/h
Max. Head: 15 m

Application Limits

- Immersion depth: 0.5 m to 5 m
- Liquid temperature up to +40 °C
- pH level: 4 to 10
- Maximum liquid density: 1.2 × 10³ kg/m³
- Passage of solids up to 40 mm
- Power supply: 50 Hz, 1~ 220 V / 3~ 380 V (±10 %)

Features

- Stainless steel casing and tie bolts – attractive, durable and stable
- Open impeller with excellent flow characteristics
- Stainless steel shaft extension
- Double mechanical seal with carbide faces

Application Fields

- Suitable for draining water containing short fibres, paper scraps and soft solids
- Handles muddy and dirty water, domestic wastewater, sewage and manure
- Ideal for agricultural irrigation and drainage, pond and pool silt removal, and construction site dewatering
- Widely used in industry, agriculture, mining, construction, municipal services and environmental protection
- Not suitable for locations with explosion-proof requirements

Name Key

PF V 50 - 10 - M

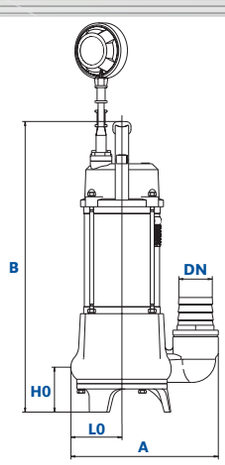
- Single-phase/Three-phase*
- Head [0.1m]
- Connection
- Impeller type
- Pump type

*only single-phase pumps are supplied with a float switch

Certificate

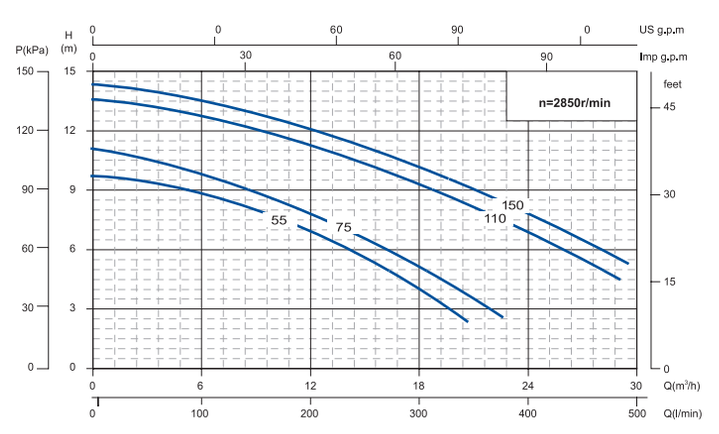
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Dimensions & Weight



Model		Dim.(mm)					N.W. (kg)
Single-Phase	Three-Phase	A	B	L0	H0	DN	
-	PF V 75	220	460	79	67	2"	17.5
-	PF V 110	245	475	90	83	2"	20
-	PF V 150	245	500	90	83	2"	22
PF V 55 M	-	220	440	79	67	2"	16
PF V 75 M	-	220	460	79	67	2"	18
PF V 110 M	-	245	475	90	83	2"	22
PF V 150 M	-	245	500	90	83	2"	24

Performance Curve



Model		Power		Rated Current (A)	Max. Flow (m³/h)	Max. Head (m)	Head Range (m)	Solids Passage (mm)	Cable line (m)	Dim.mm (L×W×H)	G.W (kg)
Single-Phase	Three-Phase	kW	HP								
-	PF V 75	0.75	1	2	21	12	11 – 5	40	4*0.75-5	260*190*500	18.5
-	PF V 110	1.1	1.5	2.7	27	13	12 – 7	40	4*0.75-5	285*205*505	21
-	PF V 150	1.5	2	3.6	30	14	14 – 5	40	4*0.75-5	285*205*530	25
PF V 55 M	-	0.55	0.75	4.1	18	10	9 – 4	40	3*0.75-5	260*190*480	17
PF V 75 M	-	0.75	1	5.2	21	12	11 – 5	40	3*1-5	260*190*500	19
PF V 110 M	-	1.1	1.5	7.3	27	13	12 – 7	40	3*1.5-5	285*205*505	23
PF V 150 M	-	1.5	2	9.5	30	14	14 – 5	40	3*1.5-5	285*205*530	25.5

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PF

Submersible sewage pumps

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