

Rotorflush Beryl Range Self-cleaning Filterpump

General Specifications v1.1

General Arrangements



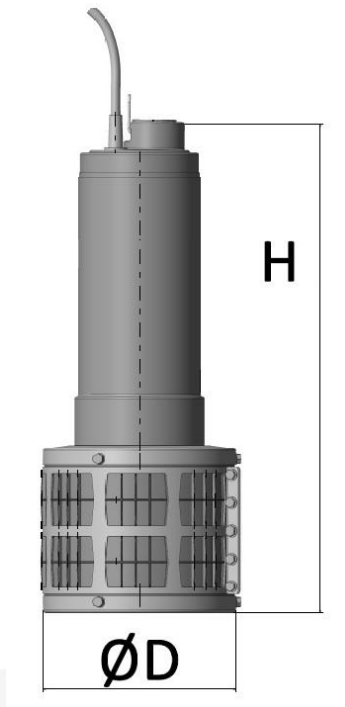
Key Features

- Integral self-cleaning filter
- 316 Stainless steel filter mesh
- Filter mesh from 100 micron to 3 mm
- Reliable and low maintenance
- Continuous backwash whenever water is being pumped
- All stainless steel filter cage construction

Rotorflush Beryl Range Self-cleaning Filterpump

General Specifications

Dimensions



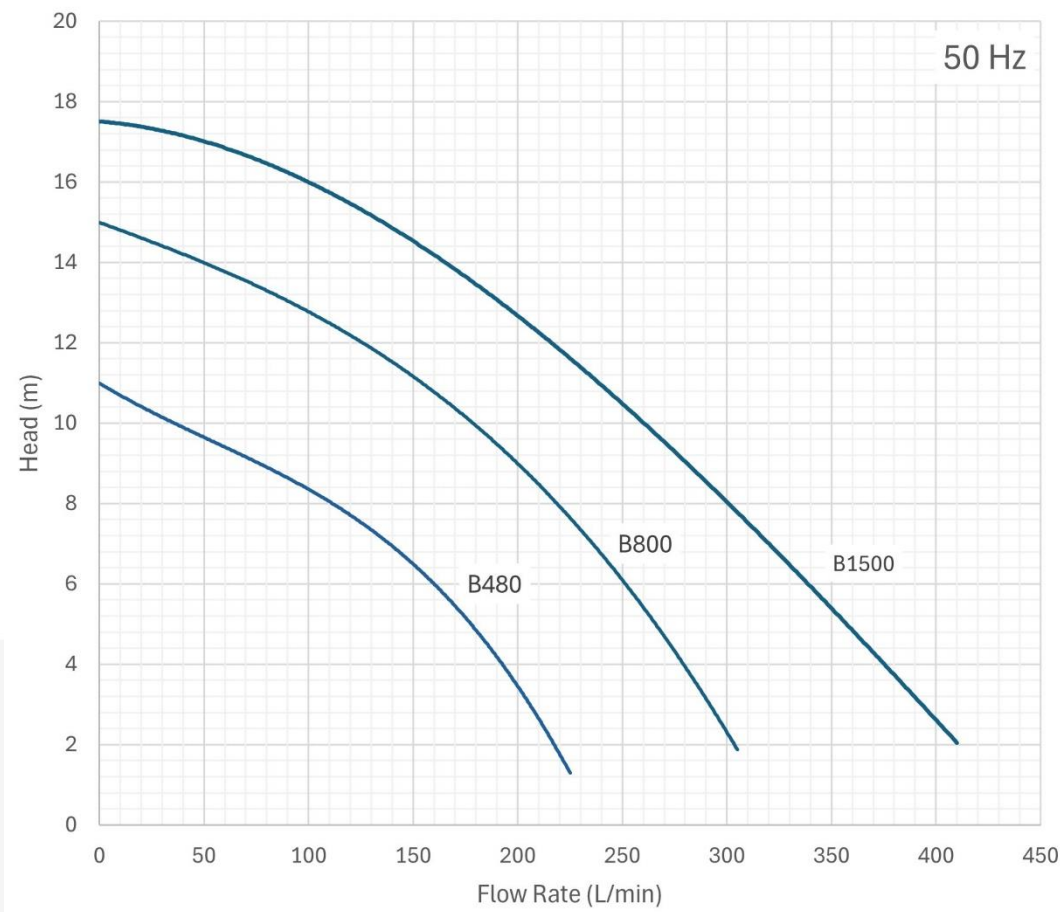
Model	Height (mm)	Filter Diameter (mm)	Minimum Water Level	Weight (kg)
B480-16	510	220	300 mm	14
B800-300	540	320	300 mm	23
B1500-300	750	320	300 mm	44

*Dimensions and weights are approximate

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Performance Curves and Pump Specification



Model	Volts	kW	Outlet	L/min Max	Head (metres) Max	Optional Float Switch
B480-16	230	0.48	50 mm	220	11 m	Yes
B800-300	230	0.75	50 mm	310	15 m	Yes
B1500-300	230	1.5	50 mm	420	17.5	No

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General Specifications

Shaft seal

Double inside mechanical seal in oil bath
additional lubrication by oil lifting device

Primary seal

Silicon carbide on silicon carbide

Secondary seal

Carbon on ceramic

Bearings

Shielded ball bearings, maintenance-free

Materials

Impeller

Urethane rubber

Pump casing

BR + Natural Rubber

Motor Frame

Aluminium die casting

Shaft

SUS403 (EN-X6Cr13)

Self-cleaning Filterpump Specification

Self-cleaning Filter Construction	
Standard Screen Sizes	100 micron, 315 micron, 1mm, 2mm
Filter mesh	316 Stainless steel
Impeller Extension Shaft	Acetal
Impeller	316 Stainless steel
Rotor	ABS (Acrylonitrile Butadiene Styrene)
Rotor Bearings	Silicon Carbide
Filter Cage	316 Stainless Steel
Cleaning Jets	EPDM, 316 Stainless Steel Clips