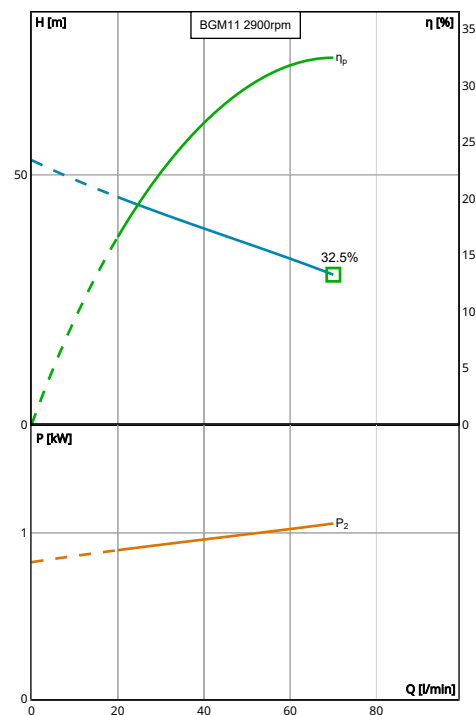


BGM11/A | Configuration Summary



Centrifugal stainless steel electro - pumps, close coupled self priming, single impeller, built in ejector system, equipped with IE2/IE3 motors, complying with Regulation (EC) no. 640



Performance according to ISO 9906:2012

PUMP

Installation	Pump Size
Close Coupled	BG11
Include Garden Version	
No	

MATERIALS

Construction
Stainless Steel

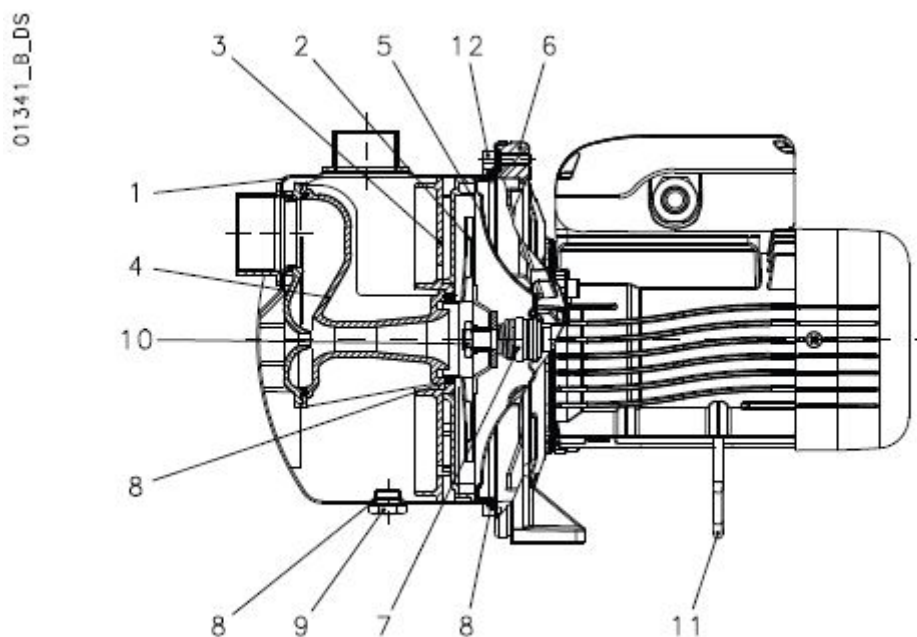
SEAL

Type of Seal	Rotating Face
Mechanical Seals	Ceramic
Name	Stationary Face
VB3E2GG	Carbon Graphite
	Elastomers
	EPDM
	Springs
	AISI 316
	Metal Components
	AISI 316
	Min Temperature
	-10.0 °C
	Max Temperature
	110.0 °C

MOTOR

Vendor	Power
Lowara SM	1.1 kW
Frequency	Phase (~)
50	1
Poles	Voltage
2	220-240 V
Efficiency	
NO IE2	

BGM11/A | Product Details



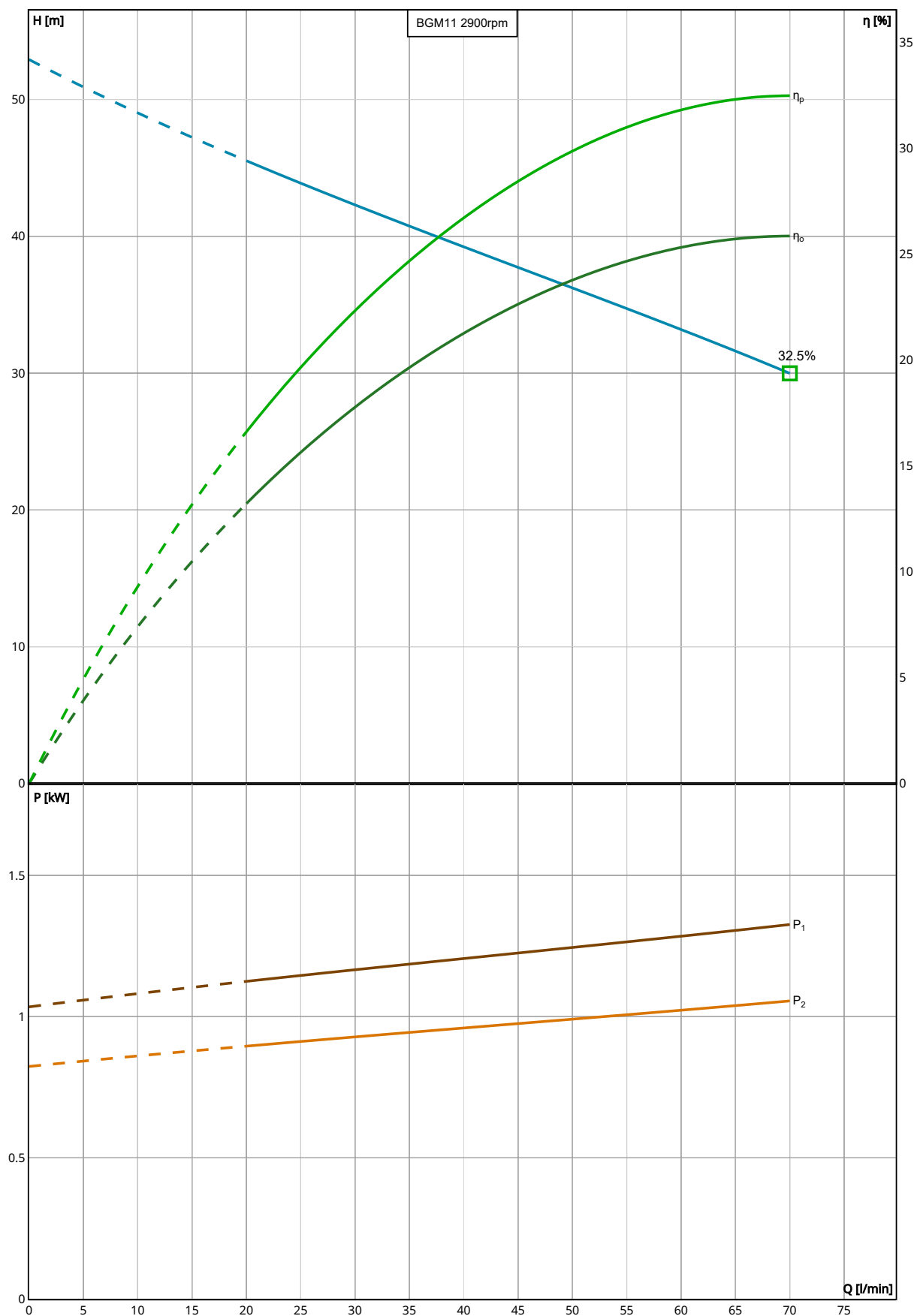
Construction Materials

Pump body (1) Stainless steel / AISI 304	Seal housing (5) Stainless steel / AISI 304	Fill/drain plugs (9) Nickel-plated brass
Impeller (2) Stainless steel / AISI 304	Adapter (6) Aluminium	Impeller lock nut (10) Stainless steel / AISI 316
Diffuser (3) Technopolymer (PA66+GF30)	Mechanical seal (7) See Seal section	Support foot (11) Galvanized steel
Ejector (4) Technopolymer (PA66+GF30)	Elastomers (8) See Seal section	Pump body fastening nuts and bolts (12) Galvanized steel

Motor

Motor Name SM80BG/111	Phase 1	IE Class NO IE2	Frame Size 80
Design IM BG	Rated power 1.1 kW	Enclosure IP 55	ICL F
Standard IEC	Speed 2800.0 rpm	Rated Current 6.88-6.65 A	
Service Factor 1	Efficiency (%) 74.7	Motor Vendor SM	
Voltage 220-240 V	cos phi 0.96		

BGM11/A | Hydraulic Data & Performance Curve



Performance according to ISO 9906:2012

Selection

Series	Operating Pumps
BG	1
Name	Standby Pumps
BGM11 2900rpm	No Standby Pump
Stages	
1	
Frequency	
50 Hz	
Impeller Diameters	
1x 156 mm	
Acceptance Grade	
Manufacturer's Standard	
System Type	
Single Pump	

Fluid and Operating Conditions

Fluid Type	Density
Water	1,000 kg/m ³
Fluid Temperature	Dynamic Viscosity
4 °C	0.002 Pa·s
Specific Gravity	Fluid Vapor Pressure
1	8.14 mbar
	Atmospheric Pressure
	1,013.53 mbar
	Elevation
	0 m
	Ambient Temperature
	20 °C
	NPSH Available
	10.27 m
	Submergence
	0 m

Design Curve

Rated Speed	BEP
2,900 RPM	32.48 %
Min Flow	BEP Flow
20 l/min	70 l/min
Max Flow	BEP Head
70 l/min	29.99 m
H@QMin	Max Operating Pressure
45.52 m	5,182.11 mbar
H@QMax	Shut Off Head
29.99 m	52.92 m
	Max P2
	1.06 kW

BGM11/A | Dimensional Data & Drawing

Dimensions

There is no information available for the given configuration.