

## Submersible monoblock centrifugal multistage 4" pump for water supply

### Applications

Pumping of clean water for domestic, industrial, agricultural and gardening purposes.  
Suitable for boreholes.

### Materials

Pump body, suction, discharge, filter and pump shaft in AISI 304.  
Diffusers and floating impellers in technopolymer.  
Double mechanical seal.  
O-rings in NBR.

### Equipment

Check valve not included.  
1m of cable without plug.  
External capacitor.

### Motor

Asynchronous 2 poles.  
IP68 protection.  
Class F insulation.  
Continuous operation.  
Water cooled motor.  
Built-in thermal protection.

### Limitations

Maximum water temperature: 40°C.  
Maximum quantity of sand in suspension: 100 g/m<sup>3</sup>.  
Maximum submersion: 75m.



### Hydraulic performance table

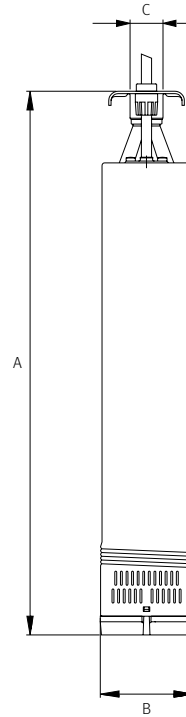
Model	I [A]	P1 [kW]	P2		c [μF]	l/min	5	10	20	40	50	60	70	Code
	1~230V	1~	[kW]	[HP]		m <sup>3</sup> /h	0,3	0,6	1,2	2,4	3,0	3,6	4,2	
Neptun fl60 35	3,6	0,8	0,75	1	16	mwc	39	38	36	31	27	19	11	97045
Neptun fl60 45	5	1,2	0,8	1,1	25		61	60	56	45	36	25	15	97048
Neptun fl60 65	6,5	1,5	0,9	1,2	25		92	90	83	69	53	37	20	97051
Neptun fl60 75	8,3	1,8	0,9	1,2	25		110	105	97	73	58	41	21	97054

Model	I [A]	P1 [kW]	P2		c [μF]	l/min	10	20	40	60	70	80	90	Code
	1~230V	1~	[kW]	[HP]		m <sup>3</sup> /h	0,6	1,2	2,4	3,6	4,2	4,8	5,4	
Neptun fl100 60	4,9	1,1	0,8	1,1	25	mwc	61	59	53	43	38	29	22	97027
Neptun fl100 90	7,8	1,7	0,9	1,2	25		90	88	80	67	57	45	32	97030

Model	I [A]	P1 [kW]	P2		c [μF]	l/min	10	30	50	70	90	120	140	Code
	1~230V	1~	[kW]	[HP]		m <sup>3</sup> /h	0,6	1,8	3,0	4,2	5,4	7,2	8,4	
Neptun fl120 60	8,5	1,9	0,9	1,2	25	mwc	60	57	54	49	43	46	23	97036

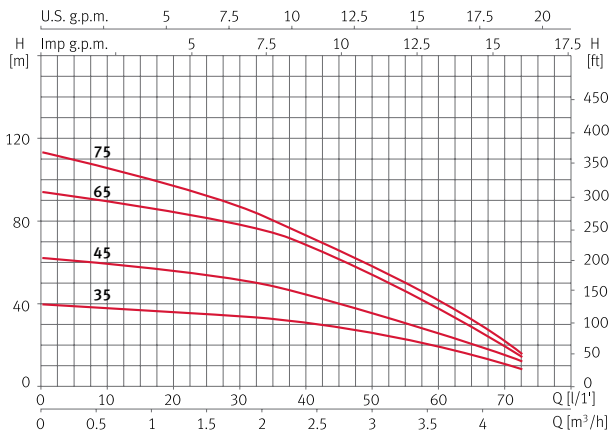
## Dimension and weight

Model	A	B	C	Kg
Neptun fl60 35	589	98	1"	12,2
Neptun fl60 45	681	98	1"	13,8
Neptun fl60 65	771	98	1"	15
Neptun fl60 75	823	98	1"	16
Neptun fl100 60	751	98	1"	14,5
Neptun fl100 90	879	98	1"	17
Neptun fl 120 60	860	98	1"	16

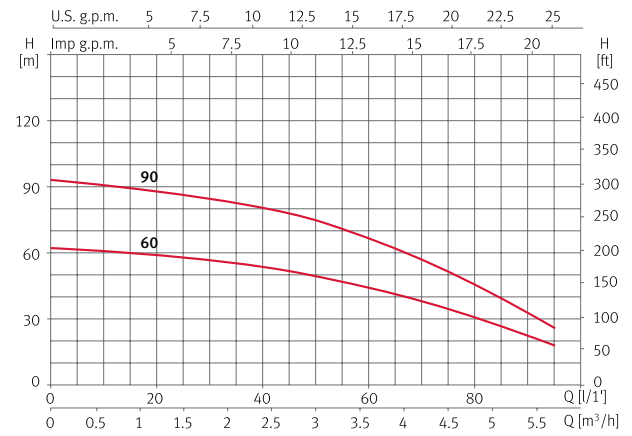


## Performance curve at 2900 rpm

Neptun fl60



Neptun fl100



Neptun fl120

