



Monoblock submersible pumps for boreholes & open wells

Neptun fl

+ Floating Impellers

+ 4" Diameter



Applications

Domestic applications, irrigation, pressurisation, water transfer, suitable for boreholes 4" and above.

Materials

Outer Casing

Stainless steel AISI 304.

Floating Impellers

Noryl (glass loaded polymer)

Discharge Body

Stainless steel AISI 304.

Diffusers

Glass loaded polycarbonate

Motor Shaft

Stainless steel AISI 303.

Double Mechanical Seal

Graphite/silicon carbide and in graphite/alumina.

Motor

Water cooled motor.
Class F insulation.
Protection IP 68.
Continuous operation.
Single phase motor with built-in thermal protection.

Limitations

Maximum liquid temperature: 35°C
Maximum quantity of sand in suspension 100 g/m³.

Equipment

Complete with pre-fitted cable tail
Capacitor box (single phase only)
Heat shrink joint kit (option of resin joint)
Sacrificial anode available on request.

Floating impellers



Double mechanical seal,
Graphite/Silicon carbide
and in Graphite/Alumina



Neptun fl 60/100/120

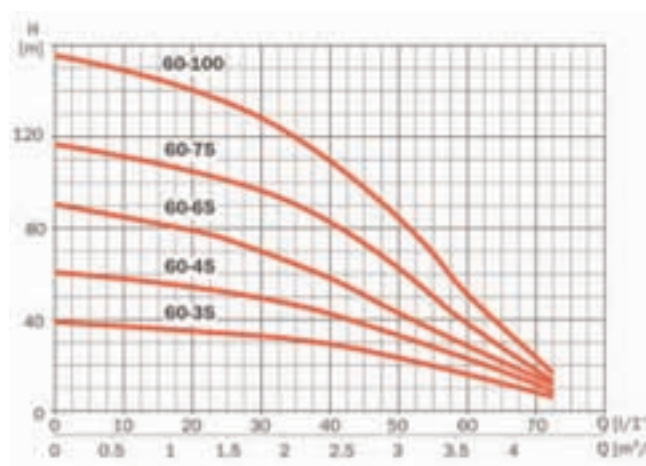
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	A	B	DNm	Kg
Neptun fl60 35	588,5	98	1"	12,2
Neptun fl60 45	681	98	1"	13,8
Neptun fl60 65	771	98	1"	15
Neptun fl60 75	822,5	98	1"	16
Neptun fl60 100	1137,5	98	1"	25

	A	B	DNm	Kg
Neptun fl100 60	751	98	1"	14,5
Neptun fl100 90	878,5	98	1"	17
Neptun fl100 120	1217,5	98	1"	26

	A	B	DNm	Kg
Neptun fl120 50	751	98	1"	14
Neptun fl120 60	860	98	1"	16
Neptun fl120 70	1213	98	1"	25,5



+ Floating impellers

+ 4" Diameter

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CONTROL OPTIONS



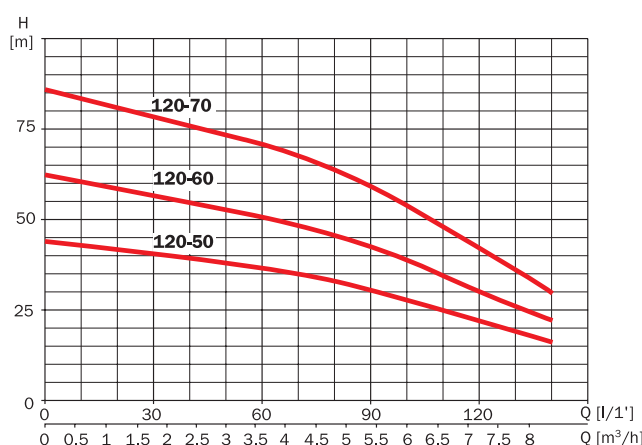
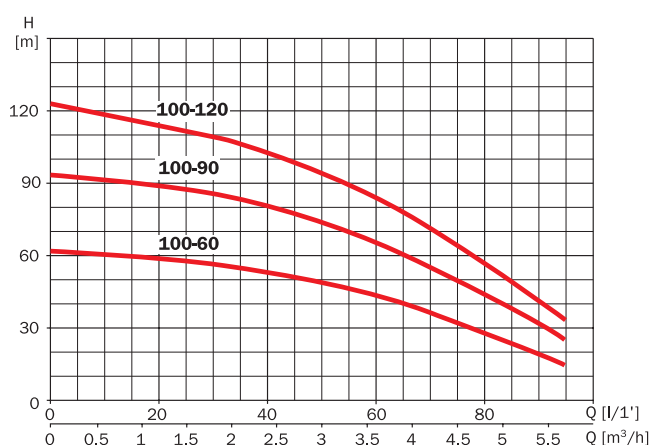
MODEL	A			P1 (kW)		kW	HP	μF
	1~	3~		1~	3~			
	230 V	230 V	400 V					
Neptun fl60 35	3.6	2.6	1.5	0.8	0.8	0.75	1.0	16
Neptun fl60 45	5.0	3.6	2.1	1.2	1.2	0.8	1.1	25
Neptun fl60 65	6.5	5.7	3.3	1.5	1.5	0.9	1.2	25
Neptun fl60 75	8.3	6.3	3.6	1.8	1.7	0.9	1.2	25
Neptun fl60 100	9.5	7.8	4.5	2.7	2.1	1.5	2	50

MODEL	A			P1 (kW)		kW	HP	μF
	1~	3~		1~	3~			
	230 V	230 V	400 V					
Neptun fl100 60	4.9	3.5	2	1.1	1.1	0.8	1.1	25
Neptun fl100 90	7.8	6.4	3.7	1.7	1.7	0.9	1.2	25
Neptun fl100 120	9.8	7.9	4.6	2.3	2.3	1.5	2	50

MODEL	A			P1 (kW)		kW	HP	μF
	1~	3~		1~	3~			
	230 V	230 V	400 V					
Neptun f120 50	5.2	4	2.3	1.3	1.3	0.8	1.1	25
Neptun f120 60	8.5	6.7	3.9	1.9	1.9	0.9	1.2	25
Neptun f120 70	10.2	8.1	4.7	2.4	2.4	1.5	2	50

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Neptun fl 60/100/120



Single phase	Price	Three phase	Price	I/1'	5	10	20	30	40	50	60	70
				m³/h	0.3	0.6	1.2	1.8	2.4	3.0	3.6	4.2
Neptun fl60 35 M	341	Neptun fl60 35 T	341	H [m]	39	38	37	34	30	26	20	10
Neptun fl60 45 M	359	Neptun fl60 45 T	359		60	59	57	51	45	35	29	15
Neptun fl60 65 M	389	Neptun fl60 65 T	389		92	90	85	79	69	55	38	19
Neptun fl60 75 M	431	Neptun fl60 75 T	431		110	107	98	88	74	59	41	21
Neptun fl60 100 M	624	Neptun fl60 100 T	624		140	136	126	116	101	79	55	30

Single phase	Price	Three phase	Price	I/1'	10	20	40	50	60	70	80	90
				m³/h	0.6	1.2	2.4	3.0	3.6	4.2	4.8	5.4
Neptun fl100 60 M	352	Neptun fl100 60 T	352	H [m]	60	59	54	50	44	38	31	22
Neptun fl100 90 M	411	Neptun fl100 90 T	411		90	88	80	75	67	57	46	33
Neptun fl100 120 M	631	Neptun fl100 120 T	631		122	117	105	98	90	78	62	47

Single phase	Price	Three phase	Price	I/1'	10	30	50	60	70	90	120	140
				m³/h	0.6	1.8	3.0	3.6	4.2	5.4	7.2	8.4
Neptun fl120 50 M	360	Neptun fl120 50 T	360	H [m]	43	40	37	35	33	29	21	15
Neptun fl120 60 M	429	Neptun fl120 60 T	429		63	59	54	52	49	43	32	24
Neptun fl120 70 M	640	Neptun fl120 70 T	640		84	79	74	71	67	60	46	34