

### Construction

Close-coupled self-priming centrifugal pumps with built-in strainer.

NMP: version with pump casing and lantern bracket in cast iron.  
 B-NMP: version with pump casing and lantern bracket in bronze (the pumps are supplied fully painted).

### Applications

For water circulation in swimming pool filtration systems.  
 For clean or slightly dirty water with solids in suspension.

### Operating conditions

Liquid temperature up to 60° C.  
 Ambient temperature up to 40° C.  
 Total suction lift up to 7 m.  
 Maximum permissible working pressure up to 6 bar.  
 Continuous duty.

### Motor

2-pole induction motor, 50 Hz (n = 2900 rpm).

**NMP:** three-phase 230/400 V ± 10% up to 3 kW;  
 400/690 V ± 10% from 4 to 11 kW;

**NMPM:** single-phase 230 V ± 10%, with thermal protector.

Insulation class F.

Protection IP 54.

Constructed in accordance with: EN 60034-1;  
 EN 60335-1, EN 60335-2-41.

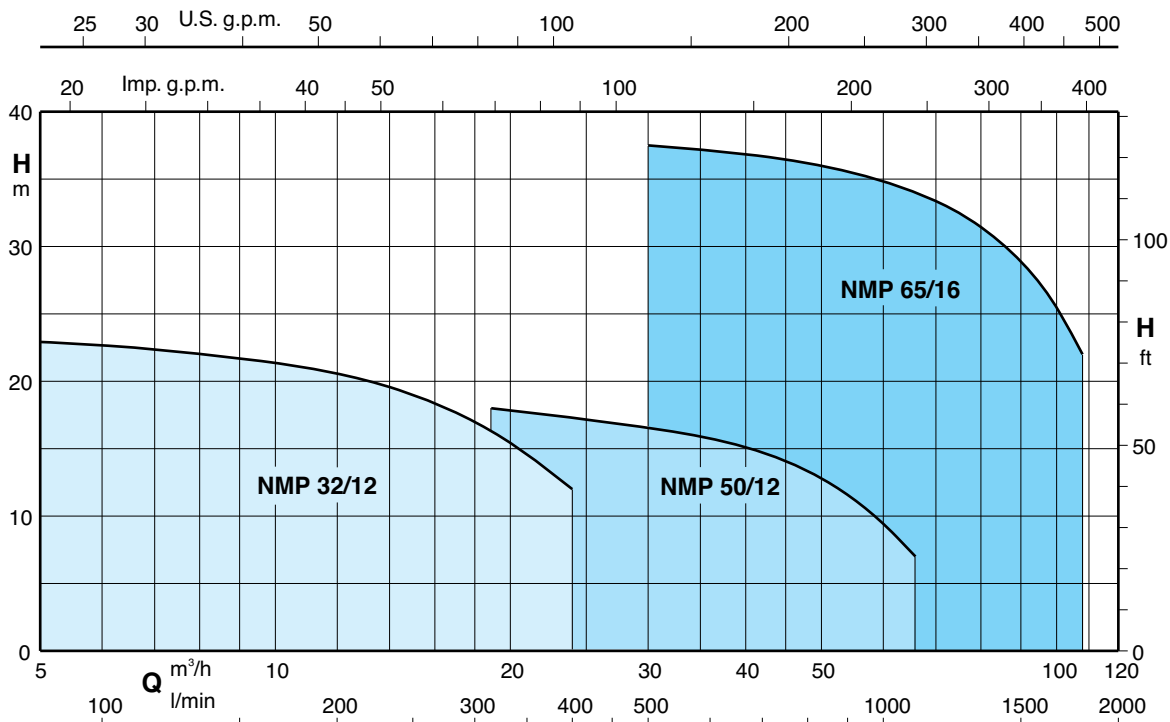
### Materials

Components	NMP	B-NMP
Pump casing	Cast iron	Bronze
Lantern bracket	GJL 200 EN 1561	G-Cu Sn 10 EN 1982
Impeller	Cast iron	Bronze
	GJL 200 EN 1561	G-Cu Sn 10 EN 1982
	Brass P- Cu Zn 40 Pb 2 UNI 5705 for NMP 32/12	
Shaft	Chrome-nickel steel	Cr-Ni-Mo steel
	1.4305 EN 10088 (AISI 303)	1.4401 EN 10088 (AISI 316)
Strainer cover	Cast iron	Bronze
	GJL 200 EN 1561	G-Cu Sn 10 EN 1982
Strainer	Chrome-nickel steel 1.4301 EN 10088 (AISI 304)	
Mechanical seal	Carbon - Ceramic - FPM	

### Special features on request

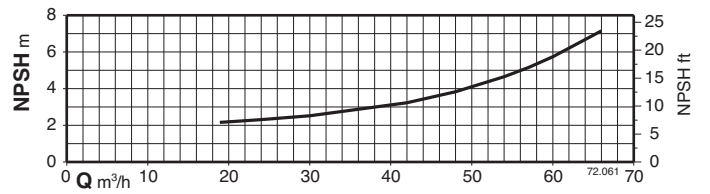
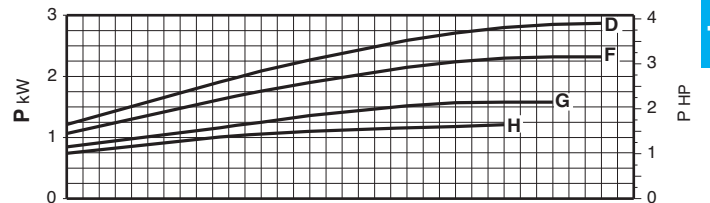
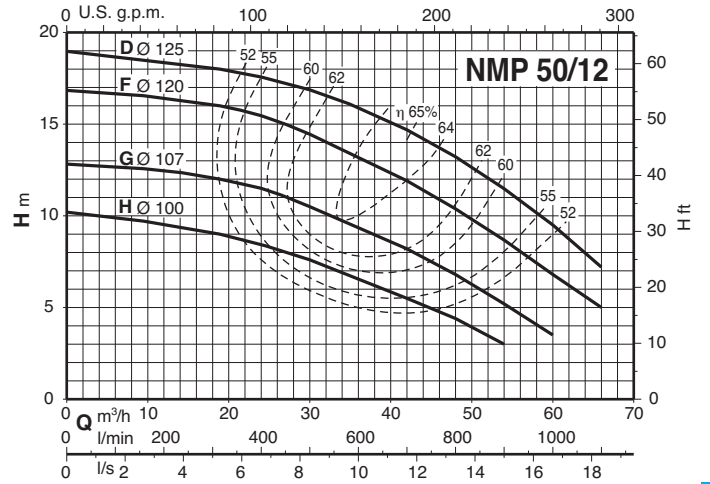
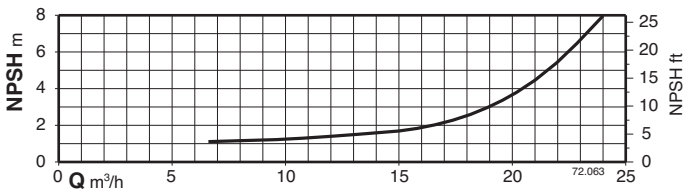
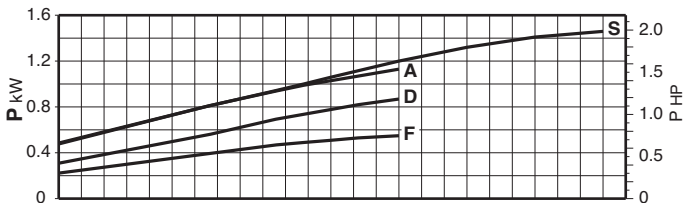
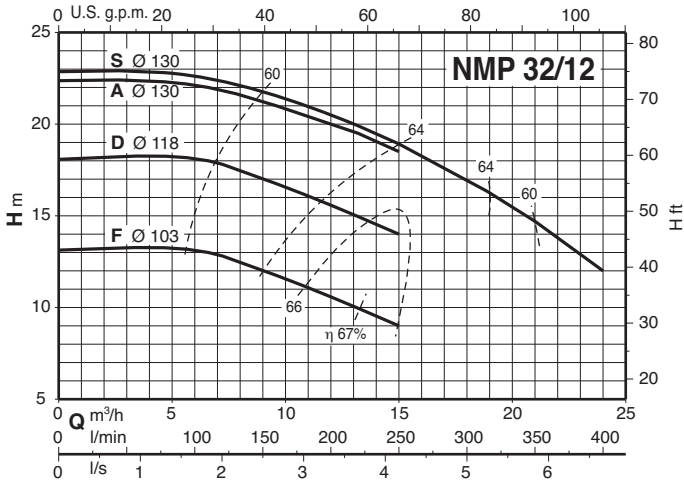
- Other voltages.
- Frequency 60 Hz (as per 60 Hz data sheet).
- Protection IP 55.
- Special mechanical seal
- Higher liquid or ambient temperatures.

### Coverage chart n ≈ 2900 rpm





Characteristic curves  $n \approx 2900$  rpm



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