



Construction

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

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: IEC 34.

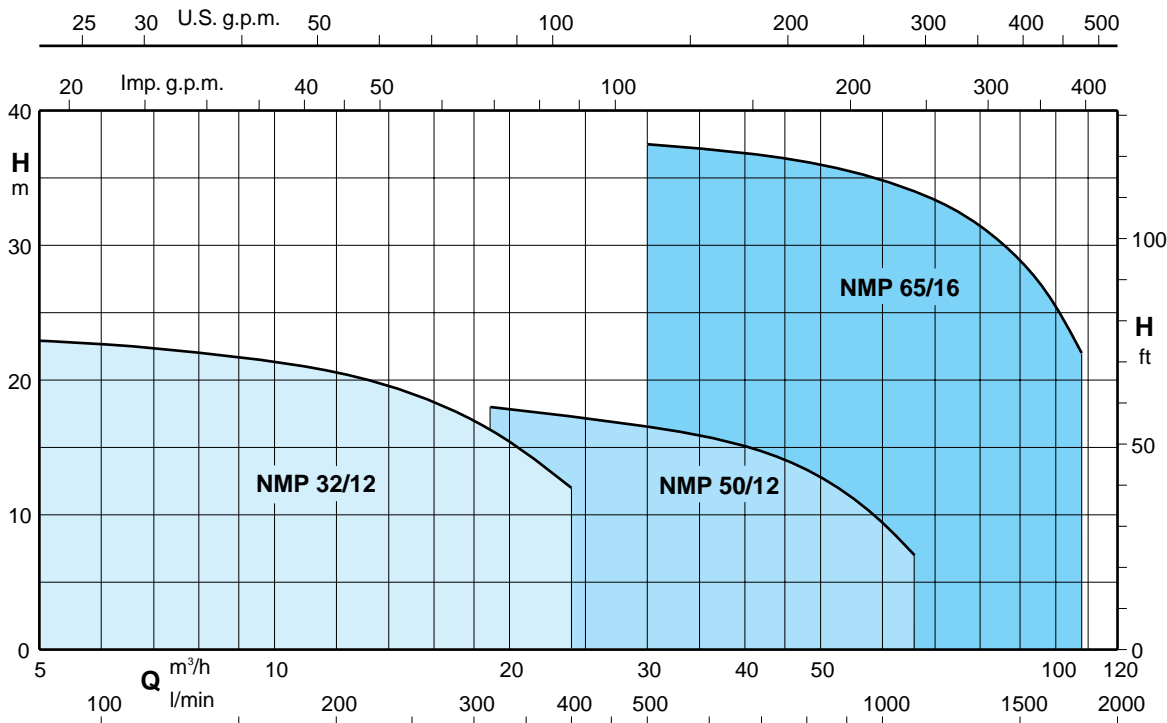
Special features on request

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

Materials

Components	NMP	B-NMP
Pump casing	Cast iron	Bronze
Lantern bracket	GJL 200 EN 1561	G-Cu Sn 10 UNI 7013
Impeller	Cast iron	Bronze
	GJL 200 EN 1561	G-Cu Sn 10 UNI 7013
	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 UNI 7013
Strainer	Chrome-nickel steel 1.4301 EN 10088 (AISI 304)	
Mechanical seal	Carbon - Ceramic - Viton	

Coverage chart n ≈ 2900 rpm



Characteristic curves $n \approx 2900$ rpm

