

Centrifugal Pump



NFm Series NFw Series

NFm/NFw pumps are specifically designed to achieve high delivery rates with low to medium heads for industrial and agricultural use. Two flanges with screw make it installation and maintenance simple and easy. Its volute and impeller make it able to pump water that is even fairly dirty. High delivery rates under continuous or heavy duty, making them advantageous for rain and gravity irrigation, for pumping water from lakes, river, wells and for a wide variety of industrial uses where high delivery rates must be achieved at low to average heads. With a single centrifugal impeller cantilevered on the motor shaft directly, the NFm pumps have a compact size, extremely reliable, very simple to use and almost maintenance-free. These pumps should be installed in a covered area, protected against the weather.

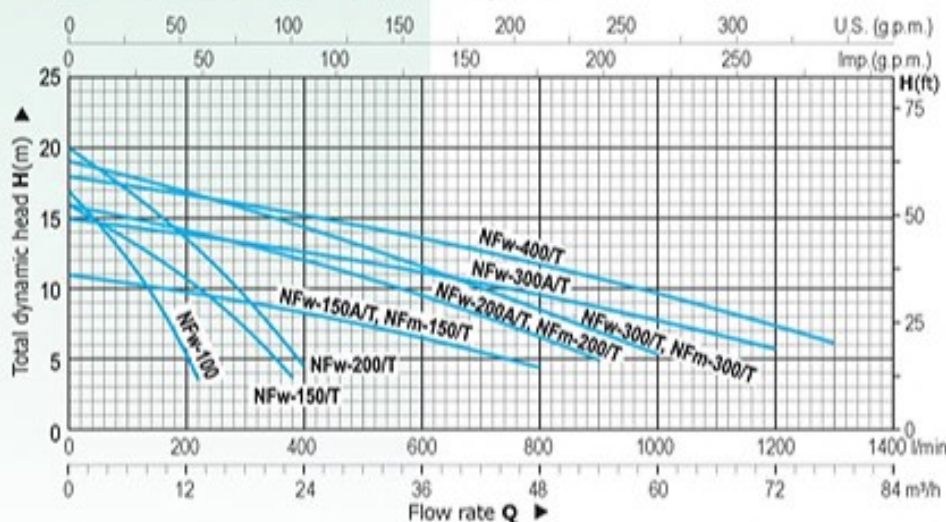


NFm



NFw

PERFORMANCE CHART AT n=2850r/min



- **Pump body:** Cast iron
- **Impeller:** Brass (Cast iron if required)
- **Motor:** Closed, externally ventilated
- **Insulation class:** B (Class F if required)
- **Protection class:** IP44 / IP54
- **Duty:** Continuously rated
- **Mechanical seal:** $\phi 16$ ceramic
steatite/graphite
- **Shaft:** Carbon steel AISI 1045 (Stainless steel AISI 420 if required)

The normal power standard is 220V 50Hz single phase. Three phase 220/380V/50Hz, 220/440V/60Hz, Single phase 230V, 240V, 127V, 110V, 115V/60Hz models are available on request.



PERFORMANCE DATA

| TYPE | Power | | Ampere | | R.P.M | Q.Max (l/min) | H.Max (m) | S.Head (m) | Pipe Dia | L×W×H (mm) | N.W (kg) |
|------------|-------|------|--------|--------|-------|---------------|-----------|------------|---------------|-------------|-------------|
| | HP | kW | 1~220V | 3~380V | | | | | | | |
| NFw-100 | 1.0 | 0.75 | 5 | - | 2850 | 220 | 17 | 9 | 1 1/2"×1 1/2" | 350×180×215 | 13.2 |
| NFw-150T | 1.5 | 1.1 | 7.5 | 2.7 | | 380 | 16 | | 9 | 2"×2" | 370×210×250 |
| NFw-200T | 2.0 | 1.5 | 9.5 | 3.5 | | 400 | 20 | 9 | | | |
| NFw-150A/T | 1.5 | 1.1 | 7.5 | 2.7 | | 800 | 11 | | 9 | 4"×4" | 435×285×350 |
| NFm-150/T | | | | | | | | 9 | | | |
| NFw-200A/T | 2.0 | 1.5 | 9.5 | 3.5 | | 900 | 19 | | 9 | 520×285×350 | 34 |
| NFm-200/T | | | | | | | | 9 | | | |
| NFw-300/T | 3.0 | 2.2 | 13.5 | 5 | | 1000 | 19 | | 9 | 520×285×350 | 37 |
| NFm-300/T | | | | | | | | 9 | | | |
| NFw-300A/T | 3.0 | 2.2 | 13.5 | 5 | | 1200 | 15 | | 9 | 520×285×350 | 38.6 |
| NFw-400/T | 4.0 | 3.0 | - | 7.2 | | 1300 | 18 | 9 | | | |