

Centrifugal Pump



RCPM-300

Pumps Installation And Applications

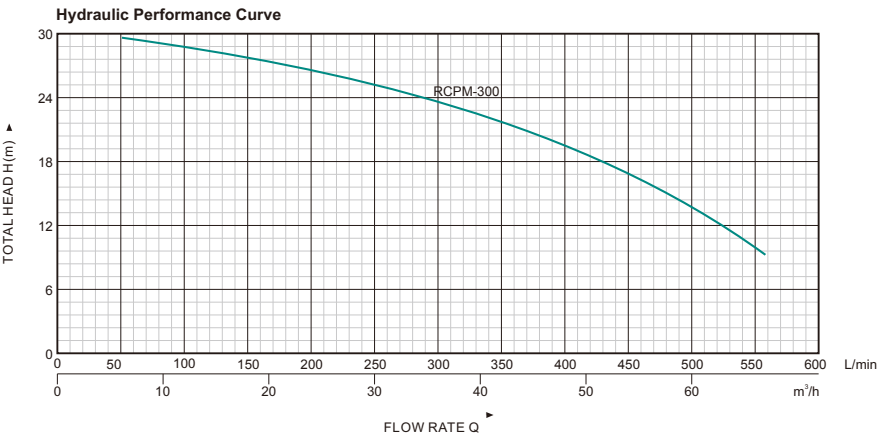
RCPM-300 pumps are specially designed for domestic, agricultural and industrial use. Their performance levels, mechanical design and structural materials are explicitly selected for these uses. The shapes of their volutes and impellers, with ample passages, make them suitable for pumping even fairly dirty water. They can achieve high delivery rates under continuous or heavy duty, making them advantageous for rain and gravity irrigation, for pumping water from lakes, rivers, wells, and for a wide variety of industrial uses where high delivery rates must be achieved at low to average heads. The pumps should be installed in a covered area, protected against the weather.

Performance

RCPM-300 pumps come in a wide and well-diversified range. Characteristic curves for the different models are distributed in a rational and complementary manner, making it easy to select the model most suited to each specific users' requirement.

Special design efforts were made to unify the entire NCP3 series, which is distinctive for its:

- Especially ample characteristic curves;
- No surging phenomena even when pumping near minimum forecast delivery rates;
- Performance characterized by high absolute values over the majority of the characteristic curve;
- Flat absorption curves at high delivery rates, to prevent motor overloading even during prolonged use;
- Good suction capacities at both low and high delivery rates.



| PUMP MODEL | | POWER | | DNA | DNM | Q m³/h | 0 | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 |
|------------|----------|-------|-----|------|------|-----------|------|------|------|------|------|-----|-----|-----|-----|------|------|
| 1 Phase | 3 Phase | KW | HP | Inch | Inch | L/min | 0 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 | 1100 |
| RCPM-300 | RCPM-300 | 1.1 | 1.5 | 3" | 3" | | 12.5 | 12.3 | 12.1 | 11.5 | 10.5 | 9.5 | 8.4 | 7.1 | 5.5 | - | - |