

## APPLICATIONS

Sewage treatment plants  
Industrial drainage  
Agricultural irrigation

## OPERATING CONDITIONS

Maximum fluid temperature: +50 °C

## MOTOR AND PUMP

Rewindable motor  
Single-phase: 220–240 V / 50 Hz  
Three-phase: 380–415 V / 50 Hz  
Available with float switch  
Suitable for water containing fibers  
Curve tolerance according to ISO 9906  
Special mechanical seal available on request.



Impeller type:  
**open**

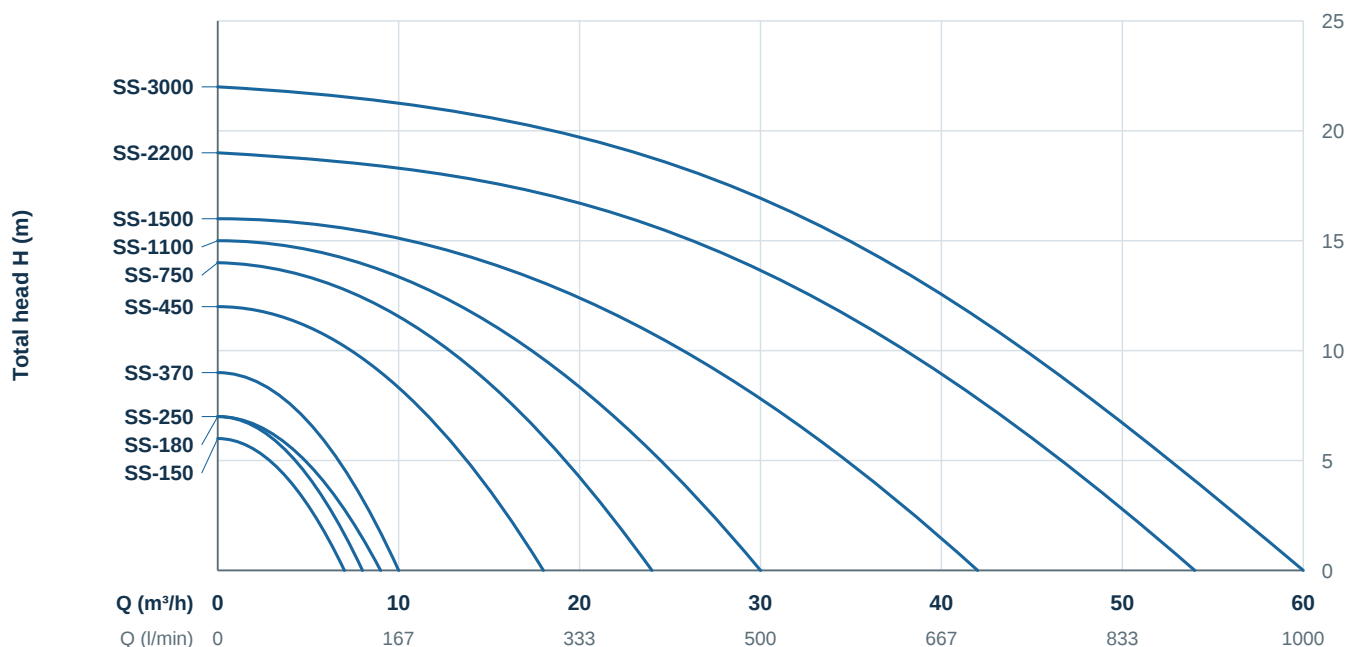


## MATERIALS

| COMPONENT            | MATERIAL               |
|----------------------|------------------------|
| Outer motor casing   | Cast iron G20          |
| Mechanical seal      | Graphite-Ceramic       |
| Shaft                | AISI 304 SS-ASTM 5140  |
| Seal lubricating oil | Oil for food machinery |

## MODEL CODE

|                 |                 |
|-----------------|-----------------|
| <b>SS-250</b>   | three-phase 3~  |
| <b>SSM-250F</b> | single-phase 1~ |



## PERFORMANCE DATA

Q max = flow rate at H = 0

| MODEL        |              | P <sub>2</sub> |      | Q     | m³/h  | 0    | 6    | 9    | 12   | 18   | 24   | 30   | 36   | 42  | 48  | 54  | 60   | Q max |
|--------------|--------------|----------------|------|-------|-------|------|------|------|------|------|------|------|------|-----|-----|-----|------|-------|
| 3~ 380–415 V | 1~ 220–240 V | kW             | HP   |       | l/min | 0    | 100  | 150  | 200  | 300  | 400  | 500  | 600  | 700 | 800 | 900 | 1000 | m³/h  |
| SS-150       | SSM-150F     | 0.15           | 0.2  |       | 6     | 1.6  |      |      |      |      |      |      |      |     |     |     |      | 7     |
| SS-180       | SSM-180F     | 0.18           | 0.25 |       | 7     | 3.1  |      |      |      |      |      |      |      |     |     |     |      | 8     |
| SS-250       | SSM-250F     | 0.25           | 0.33 |       | 7     | 3.9  | 0    |      |      |      |      |      |      |     |     |     |      | 9     |
| SS-370       | SSM-370F     | 0.37           | 0.5  |       | 9     | 5.8  | 1.7  |      |      |      |      |      |      |     |     |     |      | 10    |
| SS-450       | SSM-450F     | 0.45           | 0.6  | H (m) | 12    | 10.7 | 9    | 6.7  | 0    |      |      |      |      |     |     |     |      | 18    |
| SS-750       | SSM-750F     | 0.75           | 1    |       | 14    | 13.1 | 12   | 10.5 | 6.1  | 0    |      |      |      |     |     |     |      | 24    |
| SS-1100      | SSM-1100F    | 1.1            | 1.5  |       | 15    | 14.4 | 13.7 | 12.6 | 9.6  | 5.4  | 0    |      |      |     |     |     |      | 30    |
| SS-1500      | SSM-1500F    | 1.5            | 2    |       | 16    | 15.7 | 15.3 | 14.7 | 13.1 | 10.8 | 7.8  | 4.2  | 0    |     |     |     |      | 42    |
| SS-2200      | SSM-2200F    | 2.2            | 3    |       | 19    | 18.8 | 18.5 | 18.1 | 16.9 | 15.2 | 13.1 | 11.5 | 7.5  | 4   | 0   |     |      | 54    |
| SS-3000      | SSM-3000F    | 3              | 4    |       | 22    | 21.8 | 21.5 | 21.1 | 20   | 18.5 | 16.5 | 14.9 | 11.2 | 7.9 | 4.2 | 0   |      | 60    |