# LKSm

## Self-priming Peripheral Pump





## Application

- Can be used to transfer clean water or other liquids similar to water in physical and chemical properties
- Suitable for small living water supply, automatic water sprinkler system, small air conditioner system or supporting equipment etc.

## Pump

- With 2L pressure tank for automatic operation
- Special anti-rust treatment
- Brass impeller
- AISI 304 shaft
- Max. liquid temperature: +60℃
- Max. suction: +9 m

## Motor

- Low noise&Long life bearing
- Cooper winding
- Built-in thermal protector
- Insulation class: F
- Enclosures class: IPX4
- Max. ambient temperature: +50℃

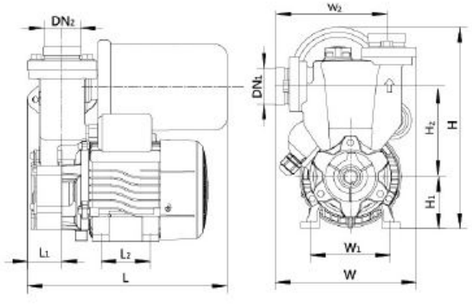
## Identification Codes

**L K S m 350 A**

- A — Air Tank
- 350 — Power (W)
- m — Single Phase Motor
- S — Self-priming
- K — Peripheral Pump
- L — LEO Product Style

## Technical Data

| Model | Power | | Q(m³/h) | 0 | 0.3 | 0.6 | 0.9 | 1.2 | 1.5 | 1.8 | 2.1 | 2.4 | 2.7 | 3.0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | kW | HP | Q(l/min) | 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |
| LKSm130 | 0.125 | 0.17 | H (m) | 30 | 22 | 18 | 15 | 10 | 5 | 3 | - | - | - | - |
| LKSm350A | 0.35 | 0.47 | | 35 | 32 | 27 | 23 | 18 | 15 | 12 | 8 | 3 | - | - |
| LKSm550A | 0.55 | 0.75 | | 45 | 40 | 35 | 30 | 25 | 20 | 15 | 10 | 8 | 3 | - |
| LKSm750A | 0.75 | 1.0 | | 55 | 50 | 45 | 40 | 35 | 30 | 25 | 20 | 15 | 10 | 5 |

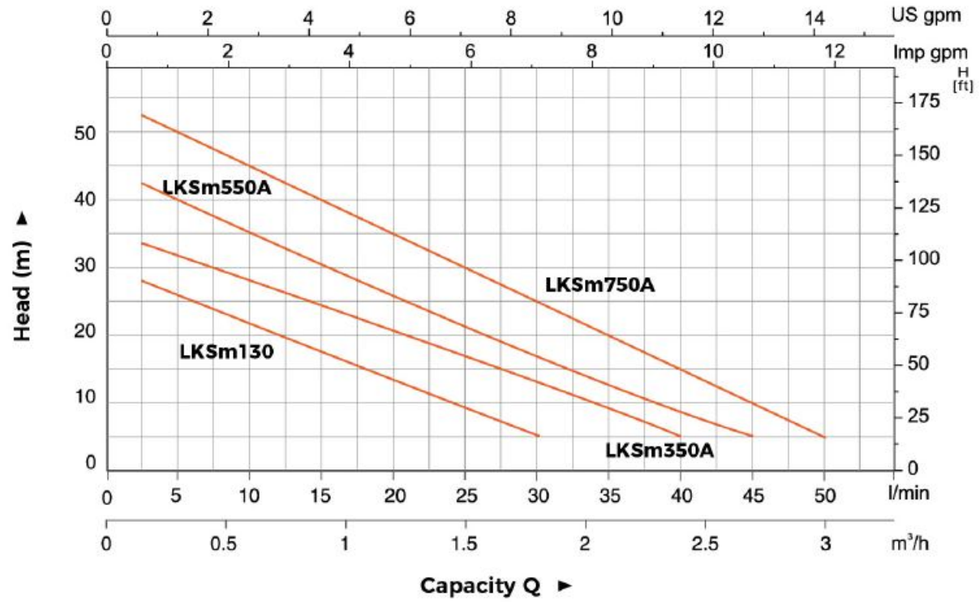



## Dimension

| Model | DN1 | DN2 | L (mm) | W (mm) | H (mm) | L1 (mm) | W1 (mm) | W2 (mm) | H1 (mm) | H2 (mm) |
|---|---|---|---|---|---|---|---|---|---|---|
| LKSm130 | 1" | 1" | 256 | 165 | 243 | 60 | 97 | 133 | 63 | 107.5 |
| LKSm350A | | | 256 | 166 | 245 | 60 | 97 | 134 | 63 | 110 |
| LKSm550A | | | 260 | 177 | 253 | 90 | 112 | 146 | 75 | 113.5 |
| LKSm750A | | | 260 | 177 | 260 | 90 | 112 | 146 | 75 | 113.5 |



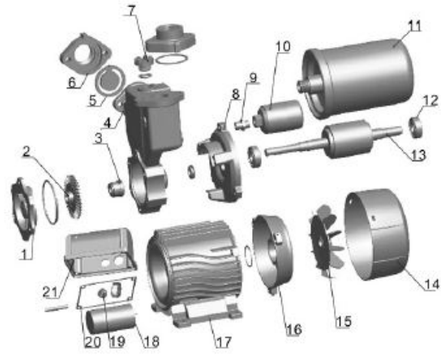
## Hydraulic Performance Curves




## Material Table

| No. | Part | Material |
|---|---|---|
| 1 | Pump bonnet | Brass/Cast iron |
| 2 | Impeller | Brass |
| 3 | Mechanical seal | Carbon/Ceramic |
| 4 | Pump body | HT200 |
| 5 | Check valve | NBR |
| 6 | Outlet connector | HT200 |
| 7 | Filling plug | Brass |
| 8 | Front plate | HT200 |
| 9 | Bend | Iron |
| 10 | Pressure switch | |
| 11 | Pressure tank | Iron |
| 12 | Bearing | |
| 13 | Rotor | |
| 14 | Fan cover | PP |

| No. | Part | Material |
|---|---|---|
| 15 | Fan | PP |
| 16 | Rear cover | ZL102 |
| 17 | Stator | |
| 18 | Capacitor | |
| 19 | Cable holder | NBR |
| 20 | Sealing ring | NBR |
| 21 | Terminal box | ABS |



## Package Information

| Model | GW (Kgs) | L (mm) | W (mm) | H (mm) | Quantity (PCS/20'TEU) |
|---|---|---|---|---|---|
| LKSm130 | 8.16 | 285 | 195 | 290 | 1603 |
| LKSm350A | 8.6 | 285 | 195 | 290 | 1603 |
| LKSm550A | 12 | 290 | 215 | 305 | 1421 |
| LKSm750A | 13.25 | 290 | 215 | 310 | 1421 |

