

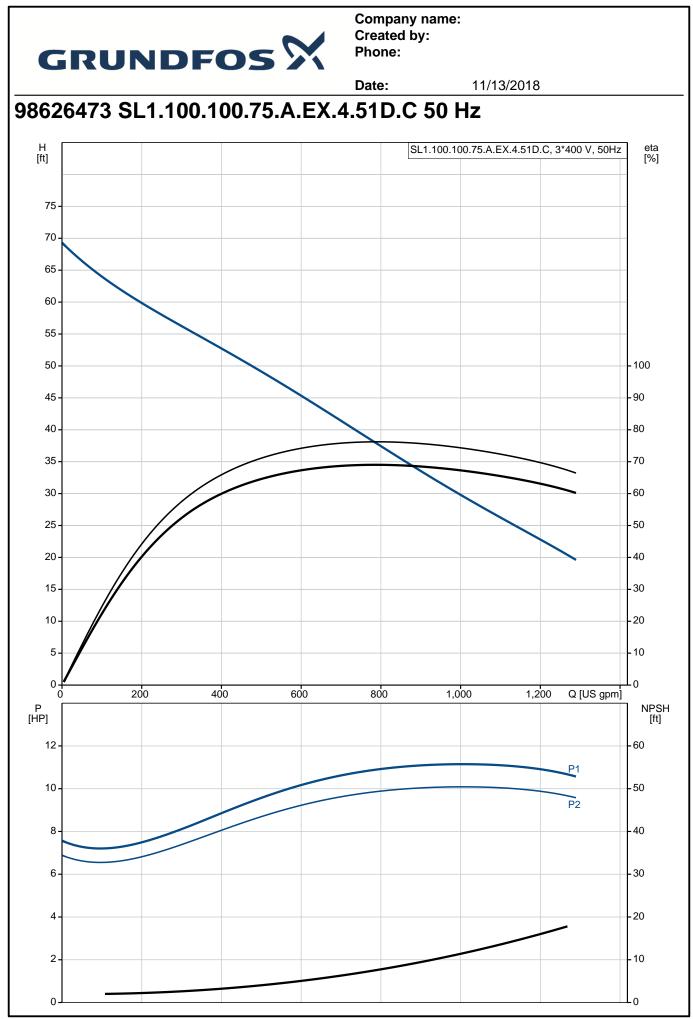
Date: 11/13/2018 Position Count | Description 1 SL1.100.100.75.A.EX.4.51D.C Product photo could vary from the actual product Product No.: 98626473 Non-self-priming, single-stage, centrifugal pump designed for handling wastewater, process water and unscreened raw sewage. The pump is designed for intermittent and continous operations in submerged installation. The revolutionary S-tube® impeller provides free spherical passage of solids up to 3 15/16 in and is suitable for wastewater with a dry matter content of up to 3 %. A unique stainless-steel clamp assembling system enables quick and easy disassembly of the pump from the motor unit for service and inspection. No special tools are required. Pipework connection is via a DIN flange. The pump is explosion-proof. Controls: Moisture sensor: with moisture sensors Water-in-oil sensor: with water-in-oil sensor Liquid: any viscous fluid Pumped liquid: 104 °F Maximum liquid temperature: Density: 62.29 lb/ft3 **Technical:** Type of impeller: S-TUBE Maximum particle size: 3 15/16 in Primary shaft seal: SIC/SIC Secondary shaft seal: CARBON/CERAMICS Approvals on nameplate: CE, EN12050-1, ATEX Curve tolerance: ISO9906:2012 3B2 Materials: Cast iron (EN-GJL-250) Pump housing: EN-GJL-250 Impeller: Cast iron (EN-GJL-250) EN-GJL-250 Motor: EN-GJL-250 Installation: Maximum ambient temperature: 104 °F Flange standard: DIN Pump inlet: 150 Pump outlet: 100 Pressure stage: PN 10 Maximum installation depth: 65.62 ft

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Frame range:

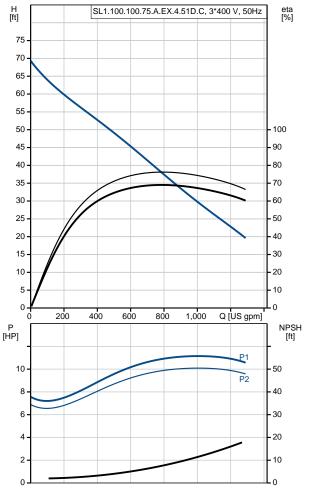


| F F N F V M F S C C C C C C C C C C C C C C C C C C | Description Electrical data: Power input - P1: Rated power - P2: Main frequency: Rated voltage: /oltage tolerance: Max starts per. hour: Rated current: Starting current: Cos phi - power factor: Cos phi - p.f. at 3/4 load: Cos phi - p.f. at 1/2 load: Rated speed: Motor efficiency at full load: Motor efficiency at 3/4 load: Motor efficiency at 1/2 load: Mumber of poles: Start. method: Enclosure class (IEC 34-5): nsulation class (IEC 85): | 8.4 kW 10 HP 50 Hz 3 x 380-415 V +10/-10 % 20 15.1-14.4 A 111 A 0.83 0.78 0.68 1462 rpm 90.5 % 91.1 % 90.7 % 4 | |
|---|---|---|--|
| F M F V M F S C C C C F M M M N S E III E L C C M C | Power input - P1: Rated power - P2: Main frequency: Rated voltage: /oltage tolerance: Max starts per. hour: Rated current: Starting current: Cos phi - power factor: Cos phi - p.f. at 3/4 load: Cos phi - p.f. at 1/2 load: Rated speed: Motor efficiency at full load: Motor efficiency at 3/4 load: Motor efficiency at 3/4 load: Motor efficiency at 1/2 load: Number of poles: Start. method: Enclosure class (IEC 34-5): | 10 HP 50 Hz 3 x 380-415 V +10/-10 % 20 15.1-14.4 A 111 A 0.83 0.78 0.68 1462 rpm 90.5 % 91.1 % 90.7 % 4 | |
| F M F V M F S C C C C F M M M S E III E L C C M C M C | Rated power - P2: Main frequency: Rated voltage: /oltage tolerance: Max starts per. hour: Rated current: Starting current: Cos phi - power factor: Cos phi - p.f. at 3/4 load: Cos phi - p.f. at 1/2 load: Rated speed: Motor efficiency at full load: Motor efficiency at 3/4 load: Motor efficiency at 3/4 load: Motor efficiency at 1/2 load: Motor efficiency at 1/2 load: Start. method: Enclosure class (IEC 34-5): | 10 HP 50 Hz 3 x 380-415 V +10/-10 % 20 15.1-14.4 A 111 A 0.83 0.78 0.68 1462 rpm 90.5 % 91.1 % 90.7 % 4 | |
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| F N S C C C C C C C C C C C C C C C C C C | Rated voltage: /oltage tolerance: Max starts per. hour: Rated current: Starting current: Cos phi - power factor: Cos phi - p.f. at 3/4 load: Cos phi - p.f. at 1/2 load: Rated speed: Motor efficiency at full load: Motor efficiency at 3/4 load: Motor efficiency at 1/2 load: Start. method: Enclosure class (IEC 34-5): | 3 x 380-415 V +10/-10 % 20 15.1-14.4 A 111 A 0.83 0.78 0.68 1462 rpm 90.5 % 91.1 % 90.7 % 4 | |
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| F S C C C C C C C C C C C C C C C C C C | Rated current: Starting current: Cos phi - power factor: Cos phi - p.f. at 3/4 load: Cos phi - p.f. at 1/2 load: Rated speed: Motor efficiency at full load: Motor efficiency at 3/4 load: Motor efficiency at 1/2 load: Number of poles: Start. method: Enclosure class (IEC 34-5): | 15.1-14.4 A 111 A 0.83 0.78 0.68 1462 rpm 90.5 % 91.1 % 90.7 % 4 | |
| S C C C C C C C C C C C C C C C C C C C | Starting current: Cos phi - power factor: Cos phi - p.f. at 3/4 load: Cos phi - p.f. at 1/2 load: Rated speed: Motor efficiency at full load: Motor efficiency at 3/4 load: Motor efficiency at 1/2 load: Number of poles: Start. method: Enclosure class (IEC 34-5): | 111 A 0.83 0.78 0.68 1462 rpm 90.5 % 91.1 % 90.7 % 4 | |
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| G F M M M M S S E L L C C M C M C | Cos phi - p.f. at 1/2 load: Rated speed: Motor efficiency at full load: Motor efficiency at 3/4 load: Motor efficiency at 1/2 load: Number of poles: Start. method: Enclosure class (IEC 34-5): | 0.68 1462 rpm 90.5 % 91.1 % 90.7 % 4 | |
| F M M M S E L L C C M C C | Rated speed: Motor efficiency at full load: Motor efficiency at 3/4 load: Motor efficiency at 1/2 load: Number of poles: Start. method: Enclosure class (IEC 34-5): | 1462 rpm 90.5 % 91.1 % 90.7 % 4 | |
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| M M M S E III E L C C M C C | Motor efficiency at 3/4 load: Motor efficiency at 1/2 load: Number of poles: Start. method: Enclosure class (IEC 34-5): | 91.1 % 90.7 % 4 | |
| M N S E L L C C N C | Motor efficiency at 1/2 load: Number of poles: Start. method: Enclosure class (IEC 34-5): | 90.7 % 4 | |
| E E L C C M C | Number of poles: Start. method: Enclosure class (IEC 34-5): | 4 | |
| E E L C M C | Start. method: Enclosure class (IEC 34-5): | | |
| E L C N C | Enclosure class (IEC 34-5): | star/delta | |
| L C C N C | | IP68 | |
| E L C M C | USU/0000 U/035 U/000 | H | |
| | Explosion proof: | yes | |
| | ength of cable: | 33 ft | |
| C N | Cable type: | LYNIFLEX | |
| N C | 51 | | |
| | Others: | | |
| | Net weight: | 433 lb | |
| | Country of origin: | HU | |
| | Custom tariff no.: | 84137021 | |
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|--------------------------------|-----------------------------|----------------|--|
| Description | Value | H [ft] | SL1.100.100.75.A.EX.4 |
| General information: | | | |
| Product name: | SL1.100.100.75.A.EX.4.51D.C | | |
| Product No.: | 98626473 | 70 | |
| EAN: | 5711498473294 | 65 - | |
| Fechnical: | | 60 - | |
| Max flow: | 1290 US gpm | 55 - | |
| Head max: | 67.92 ft | | |
| Type of impeller: | S-TUBE | 50 - | |
| Maximum particle size: | 3 15/16 in | 45 - | |
| Primary shaft seal: | SIC/SIC | 40 - | |
| Secondary shaft seal: | CARBON/CERAMICS | 35 - | |
| Approvals on nameplate: | CE, EN12050-1, ATEX | 30 - | |
| Curve tolerance: | ISO9906:2012 3B2 | | |
| Cooling jacket: | without cooling jacket | 25 - | |
| Materials: | | 20 | |
| Pump housing: | Cast iron (EN-GJL-250) | 15- | |
| p nodonig. | EN-GJL-250 | 10- | |
| Impeller: | Cast iron (EN-GJL-250) | - ₅ | |
| | EN-GJL-250 | - / | |
| Motor: | EN-GJL-250 EN-GJL-250 | 0 / | 200 400 600 800 |
| Installation: | | P [HP] | |
| Maximum ambient temperature: | 104 °F | | |
| Flange standard: | - | | |
| | DIN | 10 - | |
| Pump inlet: | 150 | 8 - | |
| Pump outlet: | 100 | | |
| Pressure stage: | PN 10 | 6 - | |
| Maximum installation depth: | 65.62 ft | 4 | |
| Inst dry/wet: | SUBMERGED | _ | |
| Installation: | Vertical | 2 - | |
| Frame range: | D | | |
| Liquid: | | 0 | |
| Pumped liquid: | any viscous fluid | | |
| Maximum liquid temperature: | 104 °F | | |
| Density: | 62.29 lb/ft ³ | | |
| Electrical data: | | | |
| Power input - P1: | 8.4 kW | | |
| Rated power - P2: | 10 HP | | |
| Main frequency: | 50 Hz | | |
| Rated voltage: | 3 x 380-415 V | | |
| Voltage tolerance: | +10/-10 % | | |
| Max starts per. hour: | 20 | | |
| Rated current: | 15.1-14.4 A | | |
| Starting current: | 111 A | | |
| Cos phi - power factor: | 0.83 | | |
| Cos phi - p.f. at 3/4 load: | 0.78 | | |
| Cos phi - p.f. at 1/2 load: | 0.68 | | |
| Rated speed: | 1462 rpm | | |
| Motor efficiency at full load: | 90.5 % | | |
| Motor efficiency at 3/4 load: | 91.1 % | | |
| Motor efficiency at 1/2 load: | 90.7 % | | |
| Number of poles: | 4 | | |
| Start. method: | star/delta | | |
| Enclosure class (IEC 34-5): | IP68 | | |
| Insulation class (IEC 85): | H | | |
| Explosion proof: | yes | | |
| Motor protection: | Pt1000 | | |
| Length of cable: | 33 ft | | |
| - | | | |
| Cable type: | LYNIFLEX | | |





| | | Date: | 11/13/2018 |
|----------------------|--------------------------|-------|------------|
| Description | Value | | |
| Controls: | | | |
| Control box: | not included | | |
| Moisture sensor: | with moisture sensors | | |
| Water-in-oil sensor: | with water-in-oil sensor | | |
| Others: | | | |
| Net weight: | 433 lb | | |
| Country of origin: | HU | | |
| Custom tariff no .: | 84137021 | | |

