

Submersible pump L 3152, 50 Hz



Ex proof version





L 3152

Product

Submersible pump for pumping clean, surface or waste water containing fibre-free solids.

Denomination

| Product code | 3152.181 |
|-------------------------|----------|
| Installation | L |
| Impeller characteristic | LT |

Process data

| Liquid temperature | max +40 °C |
|-----------------------------|-----------------------------|
| Depth of immersion | max 20 m |
| The pH of the pumped liquid | pH 5,5-14 |
| Liquid density | max. 1100 kg/m ³ |
| Impeller throughlet | See Motor rating table |

Motor data

| Frequency | 50 Hz |
|----------------------------------|-------------|
| Insulation class | H (+180 °C) |
| Voltage variation | |
| - continuously running | max ± 5% |
| - intermittent running | max ± 10% |
| Voltage imbalance between phases | max 2% |
| No. of starts/hour | max 30 |

Cable

Direct-on-line start

SUBCAB[®] 4G4+2x1,5 mm² 4G6+2x1,5 mm² 4G10+2x1,5 mm²

Y/D start

SUBCAB[®] 7G2,5+2x1,5 mm² 7G4+2x1,5 mm² 7G6+2x1,5 mm²

Monitoring equipment

Thermal contacts opening temperature 125 °C

Material

ImpellerCast ironDiffusorCast ironStator housingCast ironShaftStainless steelO-ringsNitrile rubber

Mechanical face seals

| Alternative | Inner seal | Outer seal |
|-------------|---|---|
| 1 | Corrosion resistant cemented carbide/ Carbon | Corrosion resistant cemented carbide/ Corrosion resistant cemented carbide |
| 2 | Corrosion resistant cemented carbide/ Corrosion resistant cemented carbide | Corrosion resistant cemented carbide/ Corrosion resistant cemented carbide |

Surface Treatment

All cast parts are primed with a water-borne primer. The finishing coat is a high-solid two pack paint.

Weight

See dimensional drawing.

Option

3152 001

| 3132.091 | Lx. proor version |
|----------------------------------|-------------------|
| Warm liquid version on request | |
| Leakage sensor in stator housing | FLS |
| Leakage sensor in oil housing | CLS |
| Other cables | |
| Surface treatment | Epoxy treatment |
| Zinc anodes | |

Accessories

Electrical accessories such as pump controller, control panels, starters, monitoring relays.

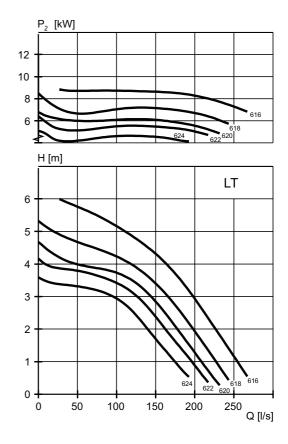
See separate booklet or www.xyleminc.com, for further information.



LT - Motor rating and performance curve

| Curve/Impeller No | Rated power, kW | Rated current, A | Starting current, A | Power factor cos φ | Impeller thoughlet, mm | Ex proof version available |
|-------------------|-----------------|------------------|---------------------|--------------------|------------------------|----------------------------|
| 400 V, 50 | Hz, 3 ~, 9 | 55 r/min | | | | |
| 616 | 8,8 | 18 | 87 | 0,87 | 102 | • |
| 618 | 8,8 | 18 | 87 | 0,87 | 102 | • |
| 620 | 8,8 | 18 | 87 | 0,87 | 102 | • |
| 622 | 8,8 | 18 | 87 | 0,87 | 102 | • |
| 624 | 8,8 | 18 | 87 | 0,87 | 102 | • |

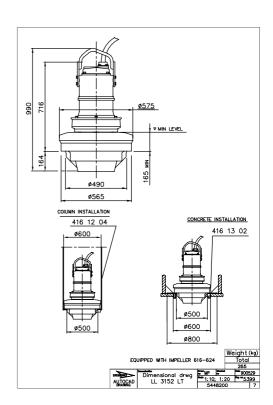
Y/D starting current is approximately 1/3 of D starting current.



Dimensional drawing

All drawings are available as Acrobat documents (.pdf) and AutoCad drawings (.dwg).
Contact your local Xylem representative for more information.

All dimensions are in mm.



Xylem |'zīləm|

- 1) The tissue in plants that brings water upward from the roots
- 2) A leading global water technology company

We're 12,000 people unified in a common purpose: creating innovative solutions to meet our world's water needs. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. We move, treat, analyze, and return water to the environment, and we help people use water efficiently, in their homes, buildings, factories and farms. In more than 150 countries, we have strong, long-standing relationships with customers who know us for our powerful combination of leading product brands and applications expertise, backed by a legacy of innovation.

For more information on how Xylem can help you, go to xyleminc.com



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The original instruction is in English. All non-English instructions are translations of the original instruction.

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