

## ST-25P | SUBMERSIBLE PUMPS 100 MM



302ST-25P04 • 302ST-25P06 • 302ST-25P08 • 302ST-25P12 • 302ST-25P16

Impellers are floating type made of Noryl® for a superior sand handling. Together with glass filled polycarbonate diffusers make the super strong pumps for maximum wear and abrasive resistance.

### APPLICATION

- Water supply
- Agricultural irrigation
- Pressure boosting

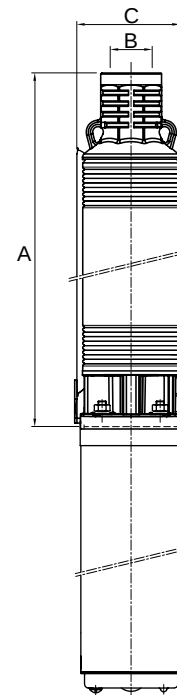
### OPERATING CONDITIONS

- Rated speed - 2850 rpm
- Delivery - 6.6 m³/h
- Head - 139 m
- Sand content - 150 g/m³
- Motor power - 0.37 kW - 1.5 kW

### MATERIALS

- Discharge head - Noryl
- Check valve - POM
- Bearing spider - Glass Filled Polycarbonate
- Diffuser - Glass Filled Polycarbonate
- Bowl - AISI 304 Stainless Steel
- Impeller - Noryl
- Strainer - Polypropylene
- Pump casing - AISI 304 Stainless Steel
- Shaft sleeve - AISI 304 Stainless Steel

| PUMP TYPE   | DIMENSIONS (mm) |                        |    | N.W (kg) |
|-------------|-----------------|------------------------|----|----------|
|             | A               | B                      | C  |          |
| 302ST-25P04 | 319             | RP or<br>NPT<br>1 1/4" | 98 | 2.4      |
| 302ST-25P06 | 368             |                        | 98 | 2.9      |
| 302ST-25P08 | 417             |                        | 98 | 3.3      |
| 302ST-25P12 | 515             |                        | 98 | 4.1      |
| 302ST-25P16 | 613             |                        | 98 | 5.0      |



| PUMP TYPE                | MOTOR |      | Q = DELIVERY |     |     |     |     |     |     |     |     |     |
|--------------------------|-------|------|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|                          |       |      | ℓ/min 0      | 35  | 40  | 45  | 50  | 60  | 70  | 80  | 90  | 100 |
|                          | kW    | HP   | m³/h 0       | 2.1 | 2.4 | 2.7 | 3.0 | 3.6 | 4.2 | 4.8 | 5.4 | 6.0 |
| H = TOTAL HEAD IN METERS |       |      |              |     |     |     |     |     |     |     |     |     |
| 302ST-25P04              | 0.37  | 0.5  | 26           | 23  | 22  | 22  | 21  | 19  | 17  | 14  | 11  | 7   |
| 302ST-25P06              | 0.55  | 0.75 | 38           | 36  | 35  | 33  | 32  | 30  | 26  | 22  | 18  | 12  |
| 302ST-25P08              | 0.75  | 1.0  | 51           | 47  | 46  | 44  | 43  | 39  | 35  | 30  | 24  | 18  |
| 302ST-25P12              | 1.1   | 1.5  | 77           | 72  | 71  | 69  | 68  | 63  | 57  | 49  | 41  | 31  |
| 302ST-25P16              | 1.5   | 2.0  | 102          | 98  | 96  | 94  | 92  | 86  | 77  | 68  | 57  | 46  |

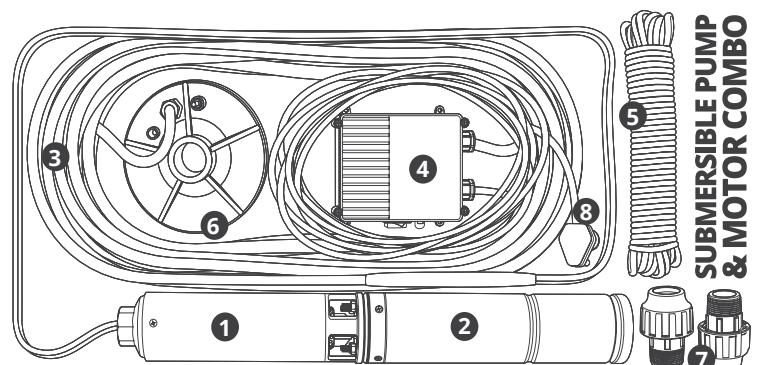
## SUBMERSIBLE PUMP COMBO 1.1 kW

302ST-25P12C

Speroni and Stairs submersible pump combo pack. The Speroni ST-P Submersible Borehole pump range covers a wide range of pumping duties for agricultural and domestic applications. Floating NORYL type impellers require less starting torque and are less affected by sand or other abrasive materials. The discharge head and motor adaptor are made from Noryl for superior strength and durability.

- 1 - 302ST-25P12 Stairs Submersible Pump
- 2 - Stairs 230 V Submersible Motor
- 3 - 60 m Submersible Cable
- 4 - Control Box
- 5 - Rope
- 6 - HDPE Base Plate 40 mm
- 7 - 2 x Compression Male Adaptors
- 8 - 5 m Cabtyre & 3 Point Plug

Everything is pre-assembled, cabled jointed to the motor, only the 32 mm HDPE pipe must be supplied for installation. To be installed at a maximum depth of 50 m.



**\*\*Not included in kit: 32 mm pipe, inducer sleeve, above ground fittings**

