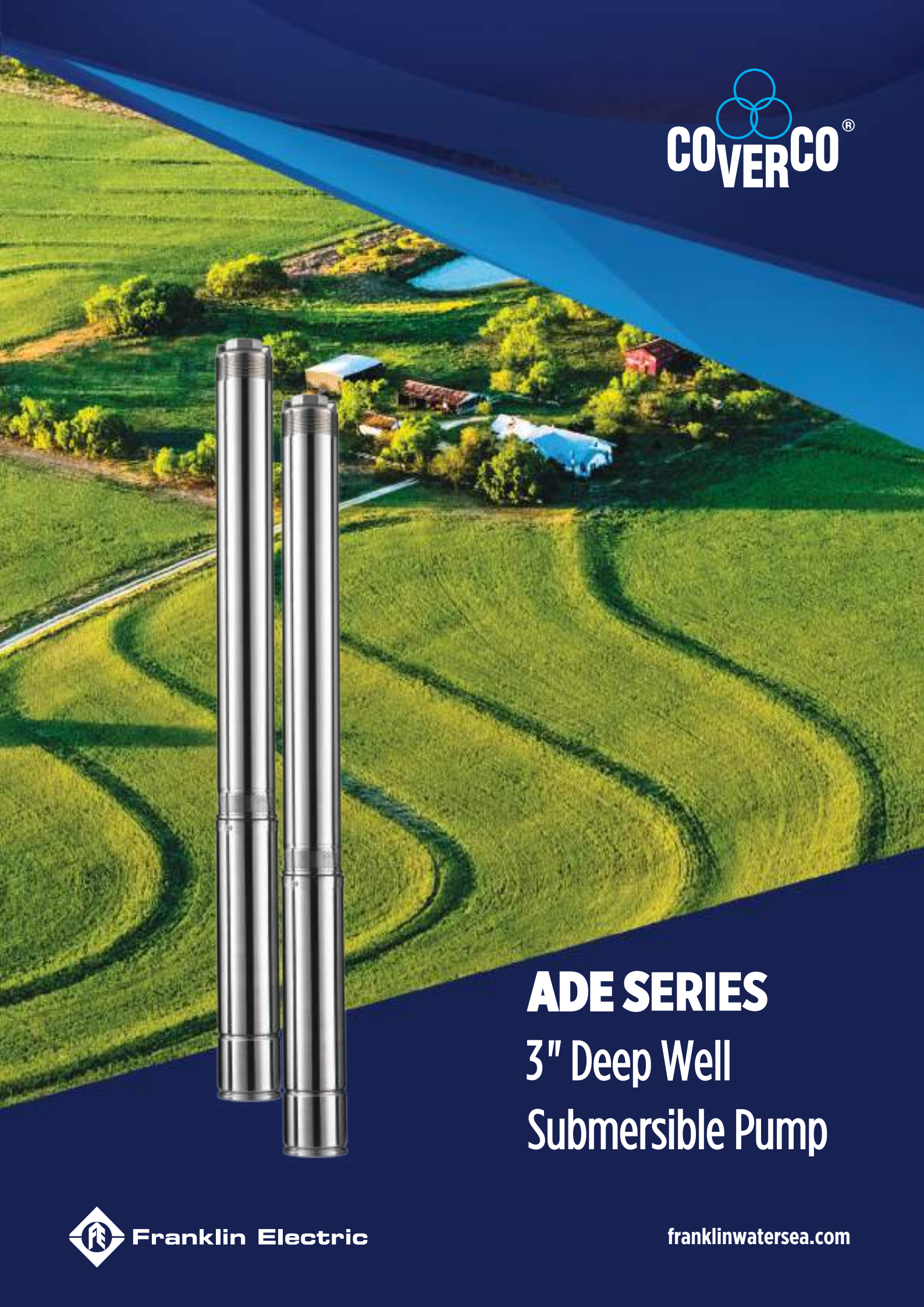
COVERCO®



# ADE SERIES

## 3" Deep Well Submersible Pump

Franklin Electric

franklinwatersea.com

## APPLICATIONS

- Water supply from tank, reservoir, and well
- Residential for various purposes
- Domestic water supply

## FEATURES

- Excellent resistance against corrosion with fully stainless steel casing; and cast stainless steel pump discharge outlet and bracket
- Greater tolerance against sand through sophisticated hydraulic design and the use of engineered thermosplastic material for impeller that has superior wear resistance properties.
- Protection against water hammering with built-in check valve.
- Specially designed motor winding to operate within wide range of voltage supply.
- Control box protect motor against overload.

## SPECIFICATION

- Flow: up to 5.4m$^3$/hr
- Head up to 150m at 50Hz
- Motor input voltage range: 170V to 230V, Single Phase
- Motor type: Rewindable Oil-filled motor

## Available on Request

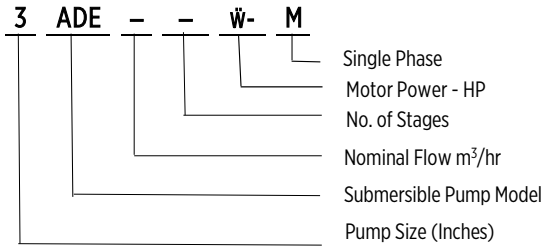
- Customized lead length
- 3 Phase motor
- Different pump discharge sizes

## MATERIAL OF CONSTRUCTION

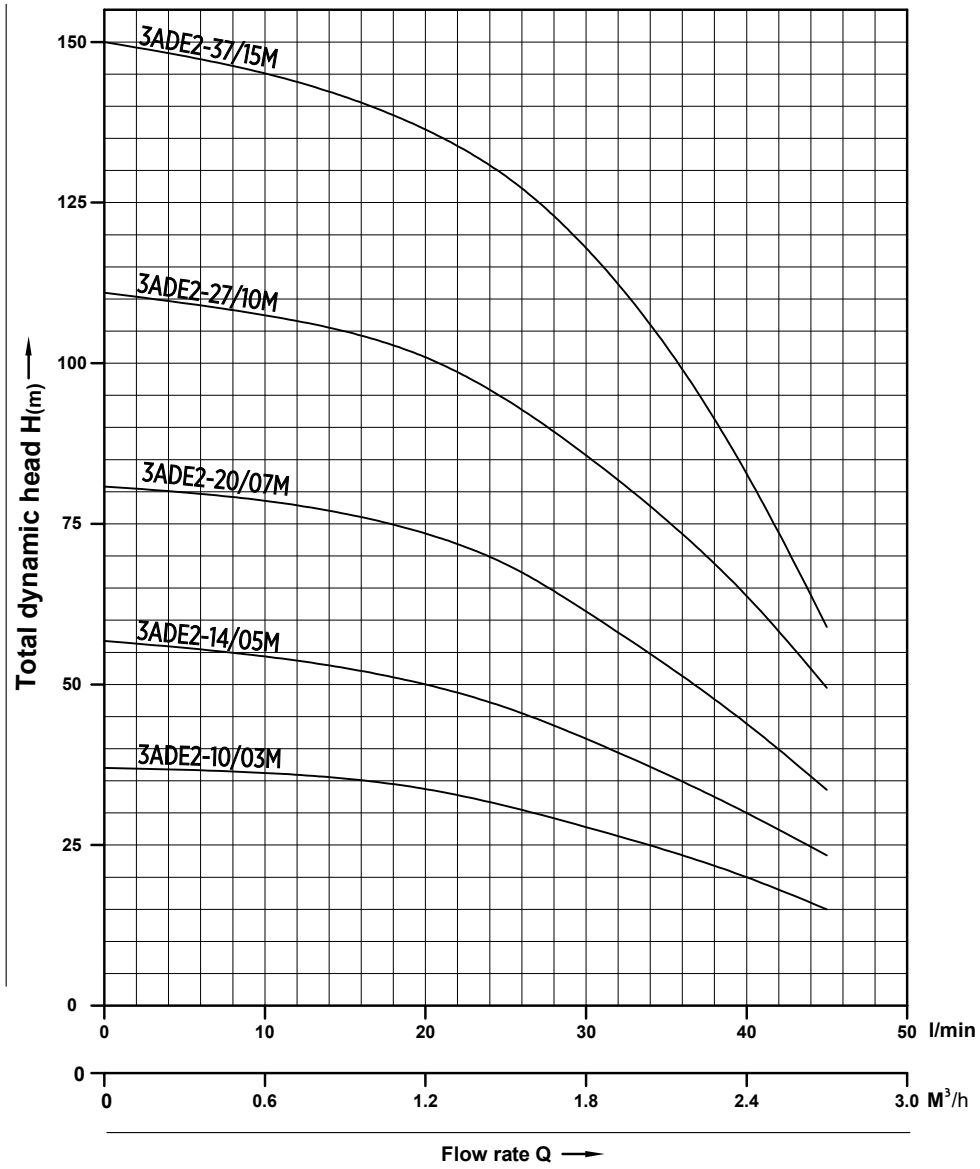
| Components | Materials |
|---|---|
| **PUMP** | |
| Discharge Head | Cast Stainless Steel |
| Motor Bracket | Cast Stainless Steel |
| Check Valve | Plastic |
| Pump Shell | Stainless Steel |
| Cable Guard | Stainless Steel |
| Pump Shaft | Stainless Steel |
| Impeller | Thermoplastic |
| Diffuser | Thermoplastic |
| Strainer | Stainless Steel |
| **MOTOR** | |
| Motor Outer Shell | Stainless Steel |
| Motor Shaft | Stainless Steel |

## PRODUCT IDENTIFICATION

3ADE–-–/ẅ-M



## PERFORMANCE CURVE 50Hz




| Model | Motor Power | | DELIVERY N≈2850r/min | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | kW | HP | Q | m³/h | 0 | 0.3 | 0.6 | 0.9 | 1.2 | 1.5 | 1.8 | 2.1 | 2.4 | 2.7 |
| | | | | l/min | 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 |
| 3ADE2-10/03M | 0.25 | 0.35 | H (m) | | 38 | 37 | 36 | 35 | 35 | 31 | 28 | 24 | 20 | 15 |
| 3ADE2-14/05M | 0.37 | 0.5 | | | 57 | 56 | 54 | 53 | 50 | 47 | 42 | 37 | 30 | 23 |
| 3ADE2-20/07M | 0.55 | 0.75 | | | 81 | 80 | 78 | 75 | 74 | 68 | 61 | 53 | 43 | 34 |
| 3ADE2-27/10M | 0.75 | 1 | | | 111 | 109 | 107 | 104 | 103 | 95 | 85 | 75 | 64 | 49 |
| 3ADE2-37/15M | 1.1 | 1.5 | | | 150 | 147 | 144 | 141 | 136 | 129 | 117 | 101 | 83 | 59 |

## WEIGHT & DIMENSION

| Pump Model | Pump & Motor | |
|---|---|---|
| | Dimension (cm) | Weight (kg) |
| 3ADE2-10/03M | 78 x 11 x 11.5 | 8.30 |
| 3ADE2-14/05M | 94 x 11 x 11.5 | 10.00 |
| 3ADE2-20/07M | 113 x 11 x 11.5 | 10.96 |
| 3ADE2-27/10M | 137 x 11 x 11.5 | 13.72 |
| 3ADE2-37/15M | 171 x 11 x 11.5 | 17.22 |

| Pump Model | Pump & Motor | |
|---|---|---|
| | Dimension (cm) | Weight (kg) |
| 3ADE3-7/03M | 74 x 11 x 11.5 | 7.90 |
| 3ADE3-10/05M | 85 x 11 x 11.5 | 9.00 |
| 3ADE3-15/07M | 105 x 11 x 11.5 | 11.30 |
| 3ADE3-20/10M | 124 x 11 11.5 | 13.55 |
| 3ADE3-28/15M | 156 x 11 x 11.5 | 16.85 |

| Pump Model | Pump & Motor | |
|---|---|---|
| | Dimension (cm) | Weight (kg) |
| 3ADE4-6/03M | 74 x 11 x 11.5 | 7.68 |
| 3ADE4-9/05M | 86 x 11 x 11.5 | 9.18 |
| 3ADE4-12/07M | 102 x 11 x 11.5 | 11.16 |
| 3ADE4-16/10M | 120 x 11 x 11.5 | 13.32 |
| 3ADE4-20/12M | 134 x 11 x 11.5 | 14.62 |
| 3ADE4-24/15M | 154 x 11 x 11.5 | 16.66 |
| 3ADE4-28/20M | 172 x 11 x 11.5 | 18.90 |