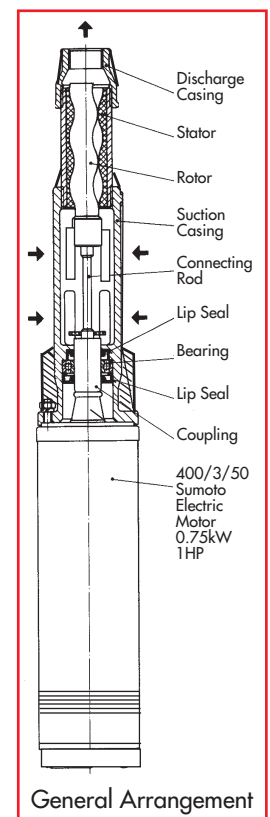
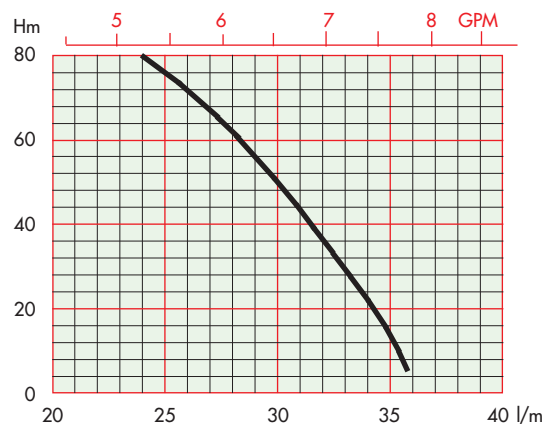


# SIGMA 1" EVFU

## PROGRESSIVE CAVITY BOREHOLE PUMPS - 75mm



Progressive cavity (helical rotor) pumps designed for 3" borehole applications, handling clean or dirty water with entrained solids up to a max. 3mm diameter. Suitable for deep well applications from depths of 8m and more, they handle pumped media temperatures up to 30°C with acidity ranging from 6.5 to 8 pH. Supplied with 0.75kW, 400/3/50 motors with 35m H07RN-F cable as standard.



### Materials

- Sumoto Motor housing: Stainless steel
- Suction casing: Grey cast iron
- Discharge casing: Malleable cast iron
- Rotor and shaft: Stainless and carbon steel
- Connecting rod and coupling: Stainless steel
- Stator: Steel and EPDM
- Cable: EPR tail and 35m H07RN-F



### Motor

- Sumoto Type OP3"-100 - 400/3/50
- Rated: 0.75kW (1HP) • Current: 2.5 Amps
- Speed: 2800 rpm • Max. Thrust Load 1200N
- Maximum 20 starts per hour recommended
- Minimum rest time between starts is 1.5 mins.

### Dimensions/Data

- Outside diameter: 72mm
- Total height: 720mm
- Discharge connection: G1"
- Max submersion under water: 30m
- Weight: 15kg including cable.

Descriptions, technical data and features contained in this leaflet are not binding. We reserve the right to make any necessary modifications without prior notice.

