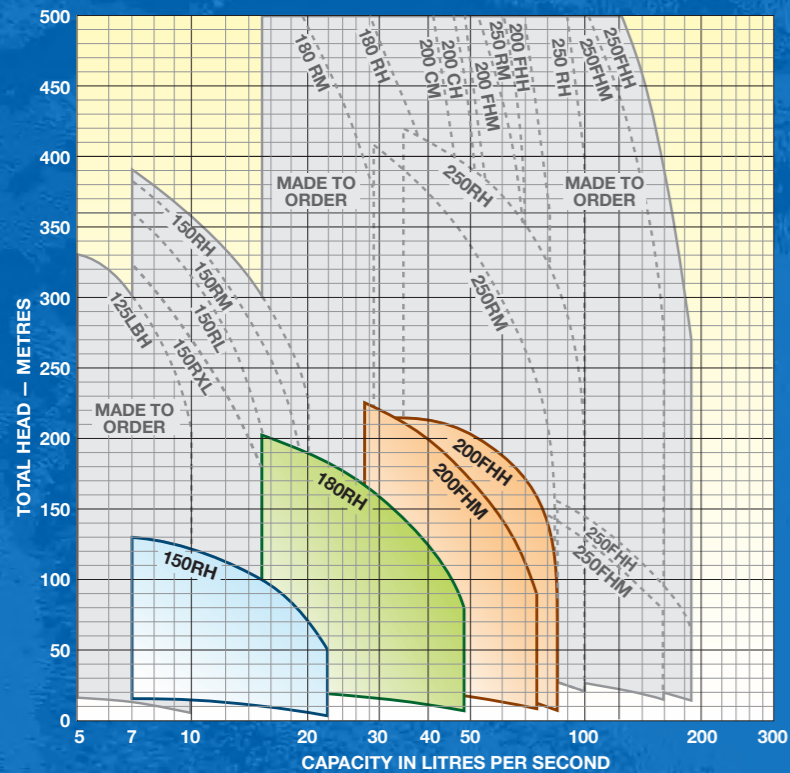




MULTI-STAGE ELECTRIC SUBMERSIBLE PUMPS

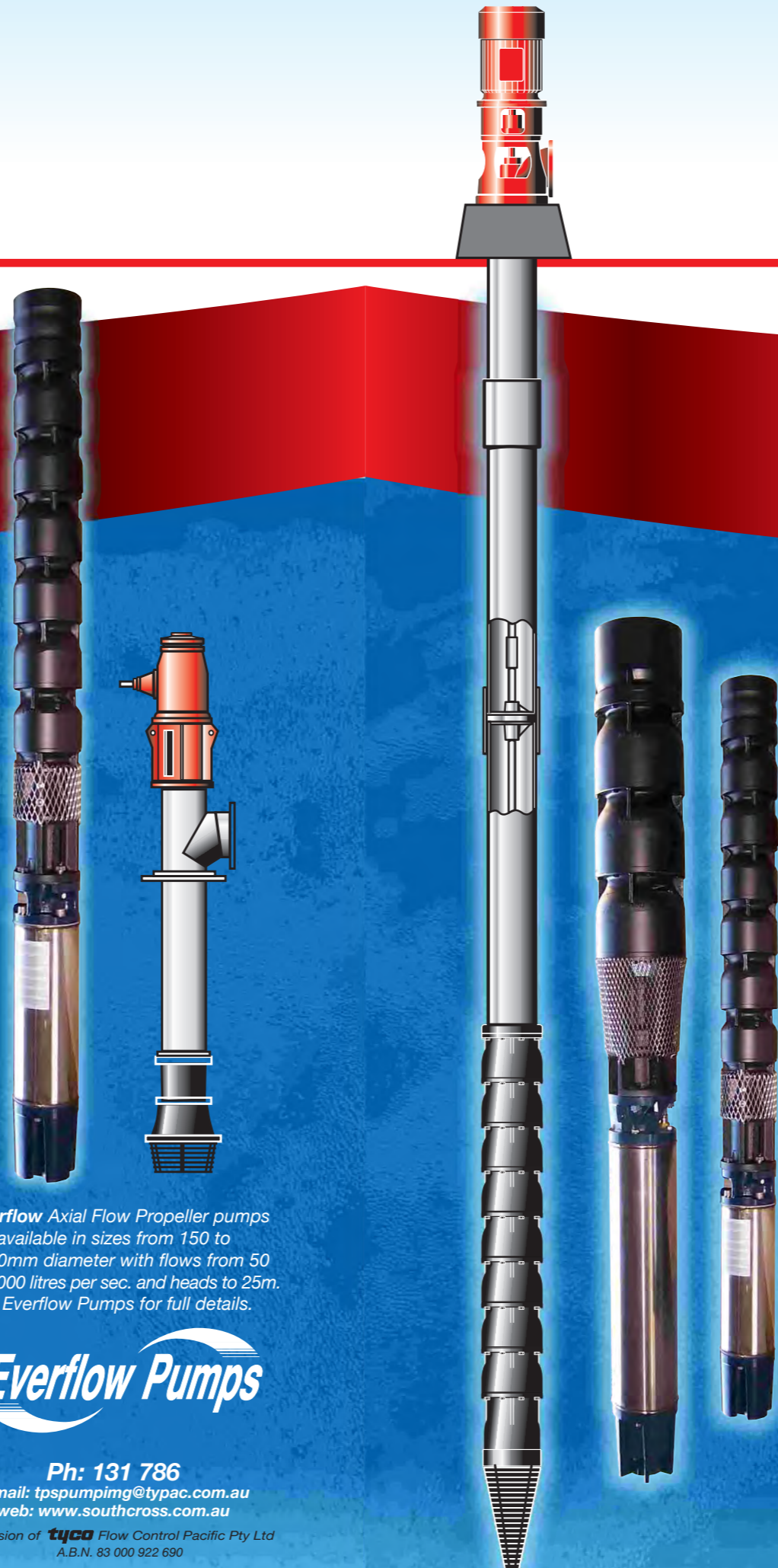
**QUALITY
PERFORMANCE
DURABILITY**



Everflow Direct Coupled Electric Submersible Pumps use the same high quality, high efficiency pumping elements as the line-shaft turbine units and are designed for use in boreholes, riverbanks, in-line pressure boosting applications and dewatering. Standard Everflow Submersible Pumps are suitable for 150mm and larger diameter boreholes and are capable of outputs to 100 litres per second and heads to 230 metres. Higher performance units (covered by grey area of selection guide) are available on a made to order basis. For pumps outside the performances shown contact Everflow Pumps.

As Tyco policy is one of constant improvement, we reserve the right to make specification changes without notice and without incurring liability.

Distributed by...



Everflow Axial Flow Propeller pumps are available in sizes from 150 to 1000mm diameter with flows from 50 to 5000 litres per sec. and heads to 25m. Call Everflow Pumps for full details.



Ph: 131 786

e-mail: tpspumpimg@typac.com.au
web: www.southcross.com.au

A division of **tyco** Flow Control Pacific Pty Ltd
A.B.N. 83 000 922 690



DEEP WELL TURBINE AND SUBMERSIBLE PUMPS

**QUALITY
PERFORMANCE
DURABILITY**

Applications

Designed for raising underground water supplies for...

- Irrigation — Industry — Community —
- Domestic & Stock Watering —
- Plus ...
- In-Line Pressure Boosting —
- Mine Dewatering — Waste Water —

Features

- Suit Bores from 150mm ● Heads to 600m ●
- Heavy Duty ● High Efficiency ● Australian Made ●
- Outputs to 500 litres / sec. ●





DEEP WELL MULTI-STAGE LINE-SHAFT TURBINE PUMPS

Everflow Turbine Pumps use a series of pump bowls and impellers (depending on head requirements) which are shaft driven from ground level by a choice of vertical shaft electric motor or right angle gear drive head powered by diesel or petrol engine. Water is delivered to ground level via heavy duty column pipe connecting the pump to discharge head. Available in a wide range of sizes and construction options these Australian Made **Everflow Turbine Pumps** provide the quality, performance and durability for reliable water supplies across a wide range of applications.

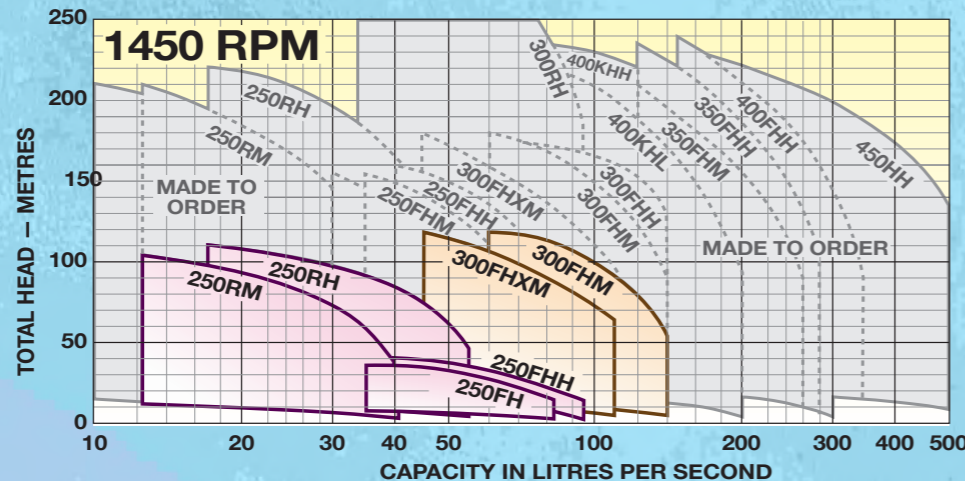
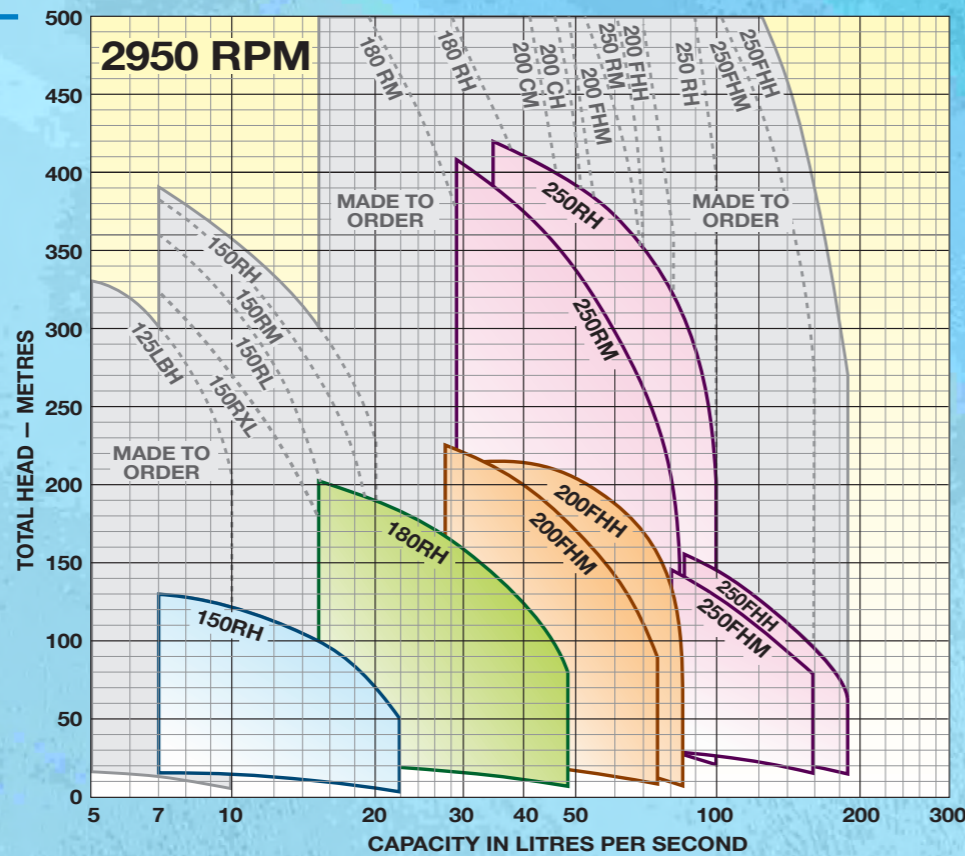


PUMP SELECTION GUIDE

Pumping and head capacities for the standard range of **Everflow Turbine Pumps**, in sizes to suit boreholes from 150 mm diameter and upwards, are shown in colour at right, and cover pump performance for single to ten stage pump elements.

Higher performance units (covered by grey area of selection guide) are available on a made to order basis. For pumps outside the performances shown contact Everflow Pumps.

Individual performance curves available on request



1 YEAR WARRANTY

Everflow Turbine Pumps are manufactured from premium quality materials and precision manufacturing methods for guaranteed reliability and ongoing performance.



CONSTRUCTION FEATURES

ELECTRIC MOTOR DRIVES:

Use standard solid shaft flange mounted electric motors fitted to heavy duty thrust assembly incorporating non-reverse ratchet, heavy duty grease lubricated thrust bearing and flexible shaft coupling.

RIGHT ANGLE GEAR DRIVES:

Used for P.T.O. shaft diesel or petrol engine powered pumping applications and are available in a range of speed ratios and power ratings. Gearboxes are flange mounted on the thrust assembly.

DISCHARGE HEADS:

Incorporating flanged outlet connection, water lubricated shaft packing gland and machined spigotted mounting flange for thrust assembly mounting.

COLUMN AND SHAFTING:

Column pipe is mild steel with either screwed or flanged connections in 1.5 or 3 metre sections depending on pump running speeds and bearing spacing requirements. Stainless steel drive shaft is supplied in 1.5 or 3 metre lengths with stainless steel couplings.

SHAFT BEARINGS:

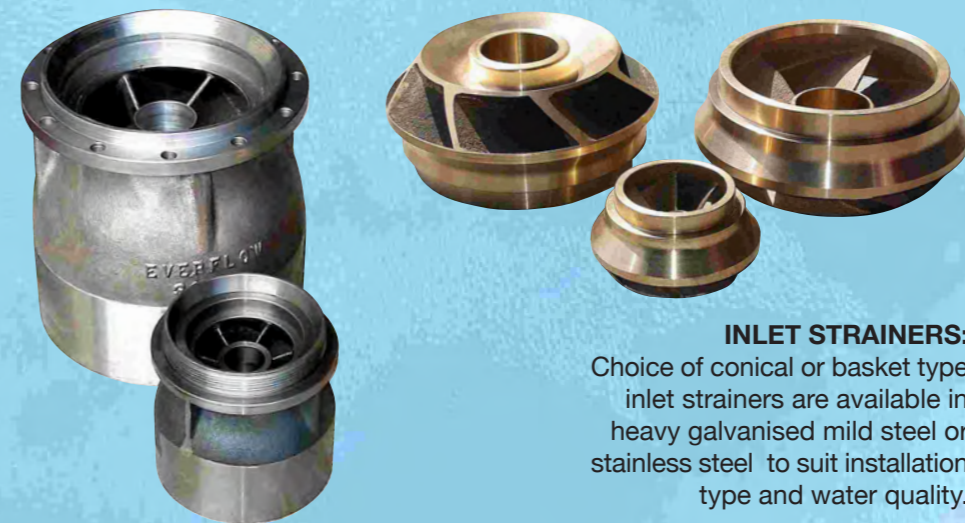
Water lubricated spiral grooved neoprene rubber shaft bearings are supported by rigid cast bronze bearing spiders fitted at each column pipe coupling giving minimum spacings of either 1.5 or 3 metres over the entire drive shaft.

PUMP STAGE CASINGS:

Cast iron construction (option of cast bronze) incorporating diffuser vanes and rigid shaft support bearings. These tandem bronze and neoprene rubber bearings combine to give accurate shaft support and abrasion resistance.

IMPELLERS:

High efficiency cast bronze impellers are hydraulically and statically balanced for vibration free operation. Tapered stainless steel collets guarantee positive locking of impellers to shaft.



INLET STRAINERS:

Choice of conical or basket type inlet strainers are available in heavy galvanised mild steel or stainless steel to suit installation type and water quality.

