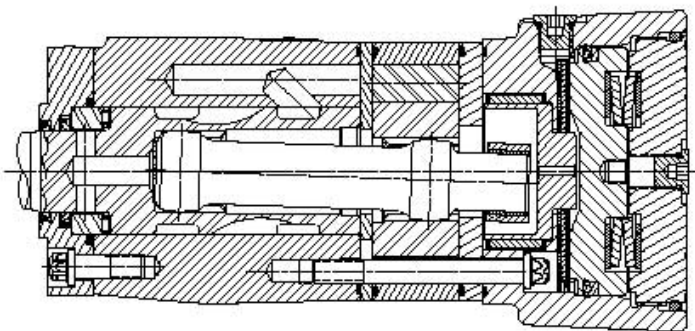


***In this month's Hydrafile:******Products of interest:***

**Eaton T-Series hydraulic motor with integral brake...** Eaton's latest innovation in LSHT motor technology is the new T-Brake Motor. The patent-pending design incorporates an integrated brake capable of holding full motor torque. The brake is a spring-applied hydraulically-released wet disc design. The package-size is much more compact than conventional brake designs commonly used today.

The T-Brake Series Motor utilizes the same proven Geroler, and spool-valve principal found in standard Char-Lynn, T Series motors. This design provides smooth, reliable and efficient performance, while the integrated performance- matched brake provides dependable, load-holding capability. The brake design is innovative and operates at the orbit speed of the Geroler, star. Orbit speed of the Geroler, star is 6 times (600%) faster than the output shaft speed. Consequently, the T-Brake operates with a 6:1 torque amplification advantage.

This complete packaged solution is ideal for a variety of applications including aerial work platforms, truck mounted booms/cranes, vehicle recovery winches, sweepers, marine winches, marine booms/cranes, and many others. It is the ideal choice for applications requiring load-holding capability.

**Char-Lynn®**

Detailed information for the Eaton T-series motor with integral brake can be downloaded from the following green link - [Eaton T-series with brake PDF file.](#)

***Featured Product Range:***

**Hengshui 3-phase electric motors...** Hyspecs has available a range of three-phase induction motors suitable as a prime mover for hydraulic systems or general machinery. The Hengshui Electric Motor Company motors are designed and produced to ISO 9001 standards. The Y2 range are designed for 380V, 50Hz operation and are rated to IP54 / IP55, IC411, with an Insulation Class F evaluated at class B temperature rise under full load. Hengshui Y2 series motors comply with IEC Standards and also meet and exceed the efficiency and minimum energy ratings of AS/NZS 1359.5:2000. Hengshui Y2 series three-phase induction motors offer high efficiency, low noise, low vibration and high locked torque ratings. Combined with Hyspecs' bell housings, couplings, and hydraulic pumps, you only need to go to Hyspecs for a complete system package.

- 0.75, 1.5, 3.0, 4.0, 7.5, 15.0, 22.0, 30.0, 45.0 kW in stock now
- Other power ranges available from 0.12 kW to 315 kW on request
- Standard 4-pole (approx 1440 rpm) in stock with 2,6,8 and 10 pole on request



For detailed specification information and pricing, click on the following green link to download the [Hengshui PDF file](#).

Talk with our Sales Engineers today with regards to your 3-phase electric motor requirements. Call Hyspecs or click the following blue link to [email Hyspecs](#).

### **News:**

**Hyspecs employs two new sales engineers...**



[Andy Heathfield](#)



[Mike White](#)

Due to continued strong growth of sales, Hyspecs has employed two new sales engineers and welcomes them to the team.

Andy Heathfield started his career as a mechanical draftsman after completing a diploma in mechanical engineering in his home country of South Africa. He has been involved in pneumatic and hydraulic sales throughout his career and has been building on this in Auckland since 1995.

Mike Joined the South Island team in September 2004. Originally a boat builder specialising in the application of high modulus composites, eventually moving into the field of pneumatic automation as a sales engineer. Mike is finding the step to hydraulics both challenging and rewarding, and is currently studying towards a diploma in business and marketing.

***Hyspecs welcomes any feedback and the first 5 people to [email](#) with their comments will receive a [free pair of Hyspecs BBQ super tongs](#). Some conditions may apply and Hyspecs employees are not eligible.***