

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

Hytech (Hyspecs Technologies Ltd), hydraulic valve manifold manufacturer... Hytech was established in 2002 to fulfil a growing industry requirement for timely, small run, CNC milled aluminium and steel components. The company foundations were set by the initial requirements of sister company Hyspecs, who uses aluminium and steel machined manifolds to supplement their cartridge valve and system design sales.

Hytech's primary market is the hydraulic manifold industry. Hytech produces and stocks a full line of standard hydraulic manifolds. With the aid of in-house designers, custom aluminium and steel manifolds are also designed and produced.



Utilising PTC's ProEngineering 3D CAD/CAM software, Hytech can take conceptual projects from design through to completion. This powerful software package turns your hydraulic circuit into a virtual manifold, easily viewed and checked from every angle to make sure all external and internal features are in the correct positions. With the aid of a free viewer the customer can view this virtual manifold to sign off the project before Hytech puts it into production.



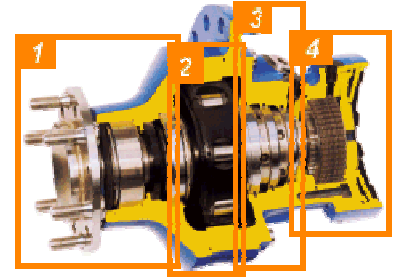
To download a Hytech brochure or for more information please go to Hytech's website: <http://www.hytech.co.nz>

Featured Product Range:

Poclair radial piston motors...MS high torque cam-lobe modular motors stocked by Hyspecs.

High torque cam-lobe technology

- > Low noise
- > Rotating shaft
- > High radial load capability
- > High starting torque
- > Constant torque and high efficiency
- > Instant reversibility
- > Hydrostatic braking
- > Includes several **POCLAIR-HYDRAULICS** patented inventions



Modular to better adapt to your machine design requirements

- 1 - Over ten types of output shafts (wheel flange, sprocket, hollow shaft, conic shaft etc...)
- 2 - Standard hydrobase
- 3 - Valving adapted to the machine's hydraulic circuit (multi-displacements, [twinlock system™](#)...),
- 4 - Optional safety and parking brake (and optional dynamic drum brake)

Characteristics	
Power	18 - 240 kW
Displacement	0.2 - 15 cm ³ /rev
Maximum torque	1 200 - 7 700 Nm
Maximum speed	310 - 30 rev/min
Maximum Pressure	450 bar
External Diameter	190 - 450 mm

Options
Dynamic drum brake
Integral exchange valve, Speed sensor
Free wheeling, Dual function (twinlock™)
Shockless valve, Shaft up case bleed plug
Shrink disc coupling for torque motor
Blank pinion gear, high pressure shaft sealing

For performance data, including Hyspecs prices on the specific model you are interested in, download it here: <http://www.hyspecs.co.nz/DataSheets/Poclair%20Pricelist.pdf> or talk with our Sales Engineers today.

News:

Hyspecs Auckland is now easier to find...



We are all customers in some form or another and having to part with money is hard enough, so the rest of the process should be as pain free as possible. That's why one of Hyspecs mottos is to 'Make It Easy for the Customer'. We have just installed a couple of new street signs and a brand new flagpole (the last one got demolished by a stray driver!) which we think will make it easier for you to spot us as you're driving down the road. Should you be passing by please stop in and say hello. There'll always be a hot or cold drink and a biscuit or sandwich waiting for you.

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