

# TECHTORQUE NEWS

B320 Series



PTA & PTC Series



PT Series



Master Gear



Call us about our  
**Extensive Range**  
of Gearboxes

## Gearboxes



## Beck

Electronic Control Drives  
for Valves and Dampers

**W**elcome to the second issue of our newsletter for 2006. Your feedback about our newsletters as well as your suggestions for any particular products or applications that you would like to read about is always welcome. With your input, we will do our best to provide you with informative and relevant reading matter. Please email your comments and requests to our Sales and Marketing Manager, Chris Hoare, at [choare@acrodyne.com.au](mailto:choare@acrodyne.com.au)

### Rod's trip to Europe and the USA.

Rod is currently overseas visiting many of our key principles such as Limatorque, Amalga, Beck, and VRC discussing current issues and investigating new product releases. Rod has also been in Frankfurt as a part ofACHEMA 2006 exhibition and spent time on the YTC stand. ACHEMA 2006, the leading international event for chemical engineering, environmental protection and biotechnology in Frankfurt am Main. With some 4,000 exhibitors from all continents, over 200,000 visitors from 100 countries and 40,000 executives from the top two tiers of management - no other event epitomises the process industries so fully and overwhelmingly as the ACHEMA.

### Hoops update

We are pleased to announce that the Nunawading Spectres U14-1 Boys basketball team, of which Rod's son Benjamin is a member, have qualified for the Australian Junior Basketball Championships. The Championships are to be held in Ulverstone, Tasmania from the 18th - 23rd of September 2006. To qualify for the championships the Spectres had to achieve and maintain the number one spot on the Victorian Junior Basketball Championship Ladder in their pool. Currently there are 20 teams competing at this level, so it was a great effort by the boys. The Nunawading Spectres is one of the oldest and most successful junior basketball clubs in Australia. The club has produced some of Australia's best basketball players such as Jason Smith, Penny Taylor, Larissa Cavanagh, Carly Wilson and Shane Heal who have represented Australia at the highest level.



### This Editions Character Quality

## Creativity

### Australian creativity and innovation

Being alert for a better way

Considering options

Innovation

- 1857 James Harrison and the world's first ice making machine
- 1957 David Warren produced "the Black Box" aircraft voice recorder.
- 1987 Bill Allardyce created Aussie Chopsticks

### Is it fear of failure that prevents us from finding a better way?

*More information?*

Contact Philip Greenwood at People and Culture

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## New People to Acrodyne

Jon Bayly joined us in May as our new Factory Technical Assistant, and will be involved with Amalga, warehousing and other workshop duties. Jon is 20 years old and lives with his parents in Boronia. He spent 2 years at Swinburne University studying IT & Software Engineering. His main interests revolve around high powered cars (but he drives a Holden) and working out at the gym.

[www.acrodyne.com.au](http://www.acrodyne.com.au)

Next Issue: Gearboxes - various types and applications.

# YTC & VRC Comparison

TECHTORQUE  
ARTICLE



**ACRODYNE** is pleased to announce the expansion of the very cost effective YTC range. Following from the proven YT 1000 series we can offer the compact 1300 series offering 4-20Ma position transmitter and solid state switches. The unit is available to suit rotary or linear applications. The YTC exhibits a sensitive and fast responsive pilot relay featuring an adjustable gain control. This characteristic offers very precise and accurate positioning especially in short stroke linear applications. The state of the art YT 2300 series offers a more powerful package comprising of an auto calibration function PID control, Alarm and Hart Protocol. The unit comprises of an LCD display for easy field diagnosis. This unit is packaged in a very compact housing and is also available in rotary or linear design. Mounting is simplified in all models offering Namur shaft option.



Acrodyne also offers a range of ancillary products such as filter Regulators and Lock Up Valves complimenting the YTC range.



Also to expand the YTC range Acrodyne can offer the YTC 1000 Series matched with an EXD SAA Certified I/P transducer for a cost effective Hazardous area positioner solution.

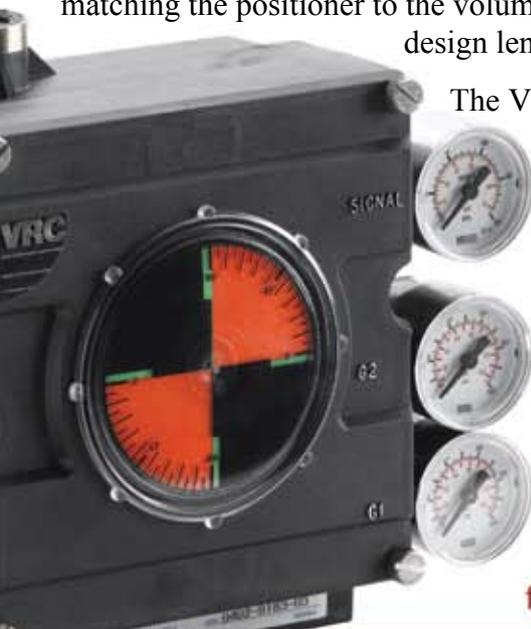
Finally Acrodyne's experienced staff offer the services of mounting, precommissioning, service and repairs on all the above mentioned positioners.



Wide range of accessories available



**ACRODYNE** has had proven success with the V Series positioner over many years. VRC positioners exhibit proven reliability in the most arduous tasks. The V Series positioner fits comfortably in areas where corrosion can occur. The VRC Positioner has found its way into such areas as mining, coal washeries, chemical and sugar processing. This is due to PPA composite and the inclusion of stainless steel fasteners and stainless steel port reinforcing in its construction. The unit incorporates a conventional spool-valve which is available in three orifice sizes ranging from Low-flow to Max-flow, therefore correctly matching the positioner to the volume capacity of the actuator, thus reducing hunting and overshoot. This spool design lends itself to areas where high vibration is likely to occur.



The V Series positioner exhibits simple well designed field fit modules ranging from switches incorporating quick set splined cams, transmitter and an internally housed I/P module featuring LED loop power indication and time delay selection. Integral in its design is the patented design Click Lock System allowing easy Zero and Span calibration which removes the need for any tools for adjustment. A full range of characterised cam profiles can be selected to customise the positioner's response.

The positioner can be optioned with an easy to see domed indicator which can be viewed at all angles. ACRODYNE stock mounting kits to suit all Namur standard rack and pinion actuators along with a vast data base of mounting kits to suit most commonly used actuators.

for more information on these products go to [www.acrodyne.com.au](http://www.acrodyne.com.au)