

## Product Specification

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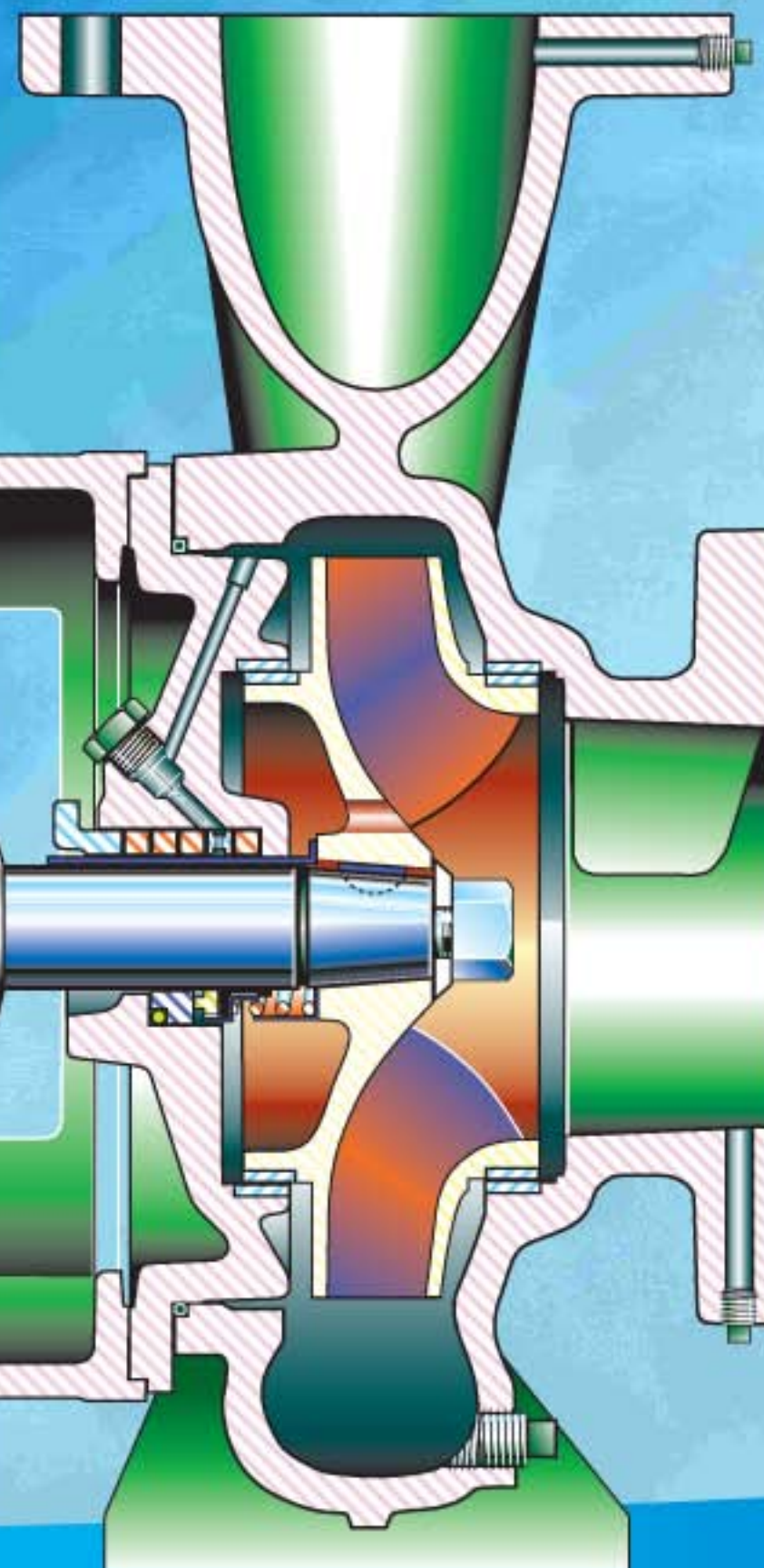
## ENGINEERED BEARING HOUSING

- **ISO 5199 STANDARD** – Ensures dimensional interchangeability with pumps conforming to ISO 2858 plus the more stringent mechanical requirements of ISO 5199 standard.
- **HEAVY DUTY BEARINGS** – Fitted as standard with heavy duty taper roller bearings running in oil filled housing with oil mister. Housing is fitted with breather and oil level and drain plugs. Options include constant level oilers and oil coolers. To meet AS2941 Fire Protection Pump Code deep groove grease lubricated bearings, either sealed for life or grease nipple lubricated, can be fitted. Labyrinth shaft seals are available optionally.
- **RIGID SHAFT** – Heavy duty design type 316 or optional 431 stainless steel shaft for minimum deflection, smoother running and longer bearing life. Water slinger prevents intrusion of gland leakage into shaft bearing.
- **ROBUST BEARING HOUSING** – High strength cast iron bearing housing.
- **SUPERIOR QUALITY** – Outstanding design and manufacturing processes provide reliability and minimum maintenance.
- **2 YEAR WARRANTY**

- **MECHANICAL SEALS** – Fitted as standard with single on-shaft mechanical seal. Options include single or double cartridge seals running on stainless steel shaft sleeves in balanced or unbalanced configuration of various types to suit particular applications. External clean water flushing and cooling can be supplied for high temperature, abrasive or toxic applications.

- **PACKED GLAND SEALS** – Optional packed glands running on replaceable stainless steel shaft sleeves are available with pumped water by-pass lubrication, or external clean water flushing. Split glands are fitted for ease of service.

## ENGINEERED PUMP WET END



- **DESIGN EXCELLENCE** – Superior hydraulic design and manufacturing processes, together with double curvature impeller blades, provide highly efficient suction performance, higher speed capabilities and greater performance for reduced running costs and maintenance.
- **1600kPa PRESSURE RATING**
- **WET END MATERIAL OPTIONS**  
Cast Iron AS1830 / T260  
Stainless Steel AS2074 / H6B  
Zinc Free Bronze AS1565 / C90250  
SG Iron AS1831 / 400-12  
"Durimet 20" AS2074 / H9A
- **TAPER MOUNTED IMPELLER**  
Impeller is taper mounted and keyed to shaft for positive drive and easy removal.
- **WEAR RINGS** – Replaceable stainless steel or zinc free bronze wear rings are available for pump impeller and casing where abrasive liquids are pumped.
- **'O' RING OPTIONS** – Reusable 'O' ring body seals in "Viton" as standard and "Teflon" or EPDM as options.
- **FLANGES** – AS2129 - Table "E". Optional drillings on request.
- **STANDARD TAPPINGS** – Volute drain plug, suction flange tapping for suction gauge and discharge flange tapping for pressure gauge.



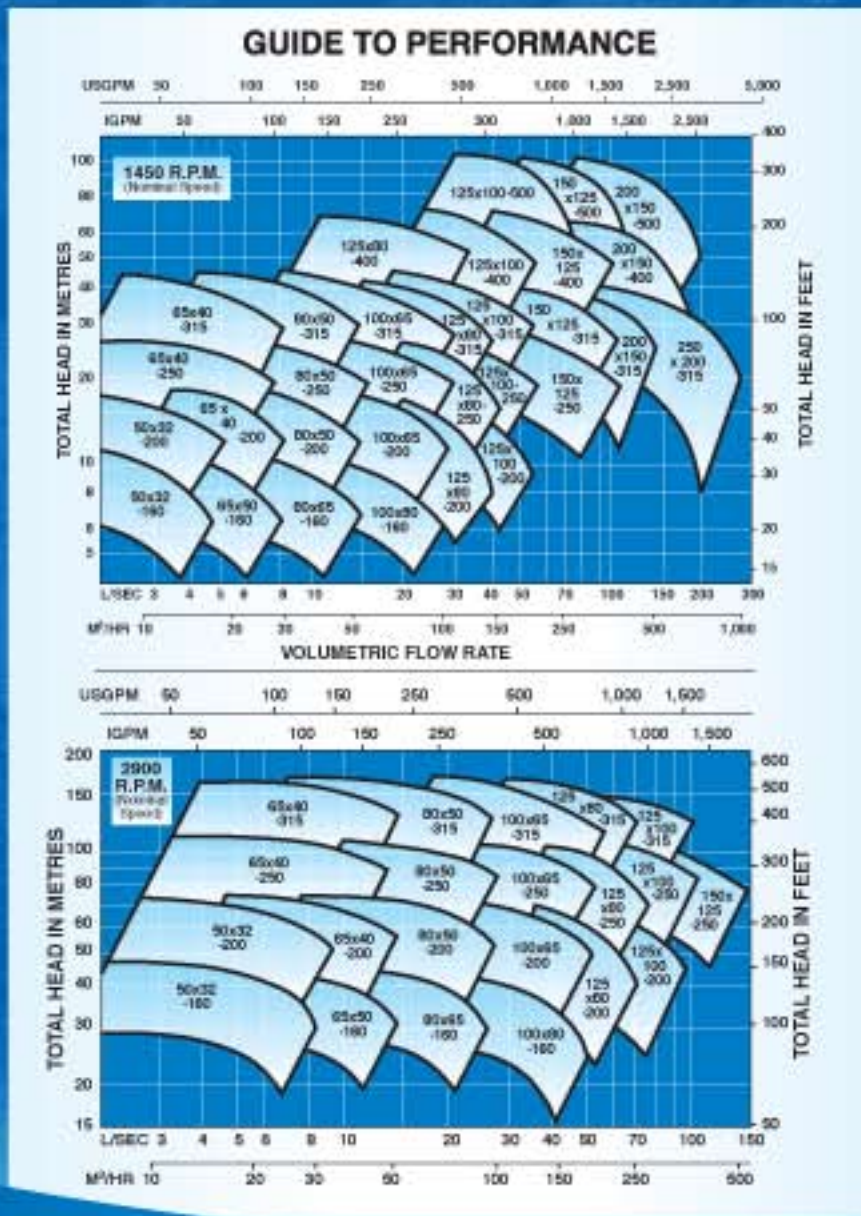
## HEAVY DUTY INDUSTRIAL CENTRIFUGAL PUMPS



## HEAVY DUTY INDUSTRIAL CENTRIFUGAL PUMPS



# AUSTRALIAN MADE TO ISO 5199 STANDARD



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As Tyco pumps are made of standard components, we reserve the right to make specification changes without notice and without incurring liability.

A Division of Tyco Flow Control Pacific Pty Ltd  
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Form 2595E Sept 2008

### APPLICATIONS

- Designed for heavy duty industrial use including belt drive applications.
- General water transfer in processing plants, mines, construction sites and irrigation.

### FEATURES

- Heavy duty oil lubricated taper roller bearings.
- Australian designed and manufactured.
- Superior hydraulic design and manufacturing methods produce significantly higher efficiencies for lower running costs and reduced maintenance
- Wide range of options.
- Australia wide backup.
- Heads to 160 metres
- Up to 250 litres per second discharge.

