

ALLIED PUMPS
INDUSTRIAL SOLUTIONS

Allied Pumps

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Our leading-edge solutions for pumping and water treatment systems make significant contributions to the day to day operations of our customers in the Industrial sector.

We have extensive experience in providing a wide range of pump solutions including diaphragm, centrifugal, dewatering, submersible, helical rotor, peristaltic, rotary, bore and metering pumps.

We're renowned for our ability to support our customers in achieving a balance between quality pumping solutions and a packaged system that meets their needs. When it comes to hydraulic services equipment, we are the preferred provider for pumping and treatment across Australia.

CORDE pumps
WILDEN
FLOWSERVE
GRUNDFOS
Blackmer
ABAQUE PERISTALTIC HOSE PUMP
BÖRGER
Roto pumps
TSURUMI PUMP
GRISWOLD
SAER

QUALITY ASSURANCE ISO 9001:2015 CERTIFIED
HEALTH & SAFETY ASSURANCE ISO 45001:2018 CERTIFIED
ENVIRONMENTAL ASSURANCE ISO 14001:2015 CERTIFIED





WILDEN® AIR OPERATED DIAPHRAGM PUMPS

NEW PRO-FLO® SHIFT Technology - Most Efficient Pump in its Class

Features:

- Clamped or bolted version
- Atex approved version
- Lube-free operation, antistall, antifreeze, submersible

Technical Data:

- Materials of construction: Aluminum, ductile iron, stainless steel, alloy C, polypropylene, PVDF, PFA models available
- Sizes: 6mm(1/4") to 100mm(4")
- BSPT(NPT) or DIN(ANSI) liquid connection
- Elastomer temperatures to 177°C (350°F)
- Elastomers: Buna-N, Neoprene, EPDM, Viton™, Wil-Flex™, Saniflex™, Polyurethane, PTFE

Performance Data:

- Flow up to 1100 L/m
- Pressure up to 8.6 bar (300 psi)
- Suction lift up to 9.3 m
- Diameter solids up to 3"





VERTICAL MULTISTAGE PUMP

Competitive Edge



Features:

- Very efficient, reliable and quiet
- High pressure
- Cost effective solutions
- Small footprint
- Ideal for variable speed and multi pump systems

Technical Data:

- Construction: cast iron/304SS or 316SS
- Motor sizes: 0.37 kW - 75 kW
- Standard cartridge type seals made of silicon Carbite/EPDM or Viton™

Performance Data:

- Flow up to 150 m^3/hr
- Pressure ranging from 10 - 330 m
- Fluid temperature ranging from -15°C to +120°C

HORIZONTAL SPLIT CASE PUMPS

High Flow Rate Pumps



Features:

- European design and manufacture
- Long term reliability
- Tough and durable
- Automatic cover control
- Dry run protection

Technical Data:

- Cast Iron, Bronze, Super Duplex
- High flow rate
- Split casing

Performance Data:

- Flow up to 5000 m^3/hr
- Head to 280 m
- Power to 1200 kW





ANSI CENTRIFUGAL PUMPS

Quality • Value • Delivery



Features:

- Precise engineering
- Standard and low-flow models available
- Heavy-duty power frames
- Fully open impellers with rear adjustment capability
- Wide variety of mechanical seal options

Technical Data:

- Materials of construction: ductile iron, 316 stainless steel, CD4MCu, and A-20 materials available
- Three stuffing box options available
- Steel and composite baseplates available
- Certified testing and material certifications
- Multiple port sizes available
- Multiple seal flush plans available

Performance Data:

- Flow range from 10 - 800 m^3/hr
- Pressure ranging from 10 - 270 m
- Temperature up to 260°C (500°F)

Allied Pumps

ROTARY LOBE PUMPS

Excellence in Design and Operation



Features:

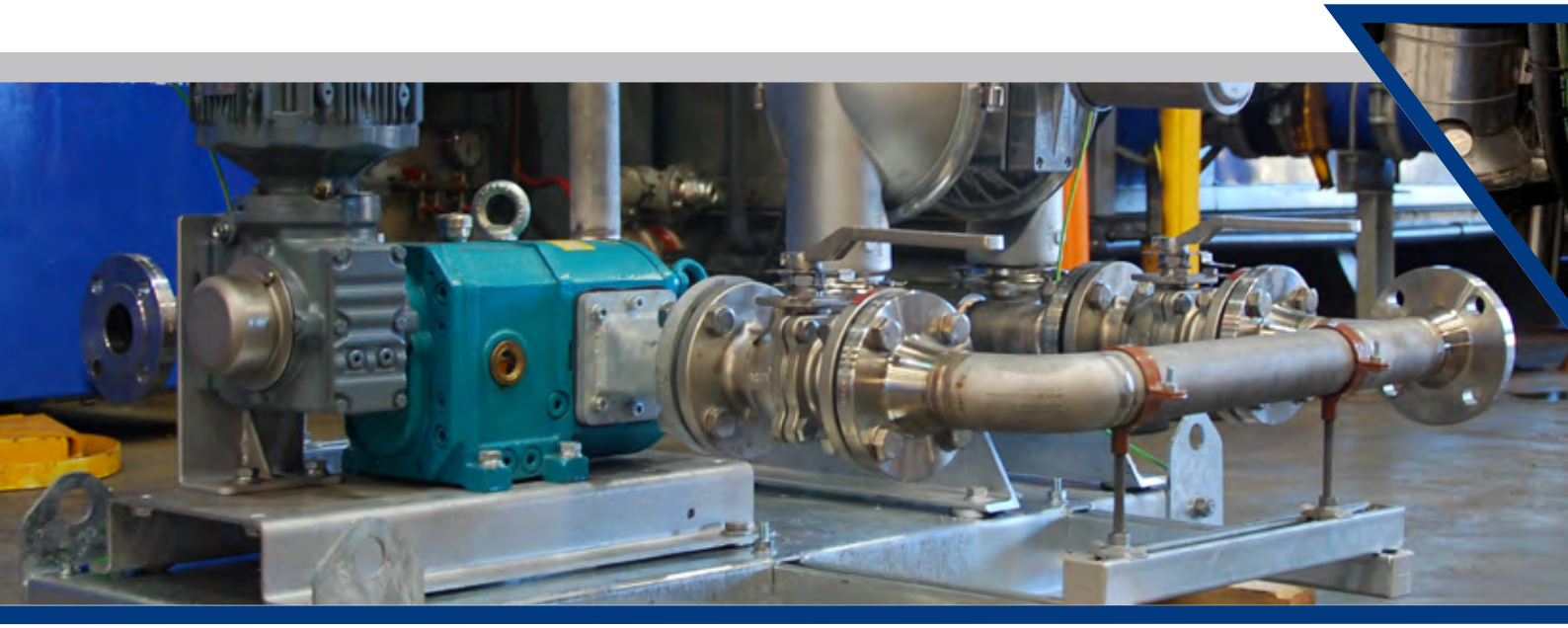
Robust and designed for difficult application, easy to maintain and service

Technical Data:

- Pump body materials of construction:
- Cast iron
- Hardened ductile cast iron
- Stainless steel
- Lobe materials of construction:
- SBR; Buna/NBR; Buna-N/EPDM/FPM; Viton™/CSM/PTFE

Performance Data:

- Flow up to 600 m^3/hr
- Pressure up to 12 bar maximum discharge pressure
- To FLA1540 Series: Flow up to 600 m^3/hr/6 bar maximum discharge pressure



CORDE END SUCTION CENTRIFUGAL PUMPS

Heavy Duty Applications



Features:

- Heavy duty
- Range of material options
- High Efficiency
- Standardised dimensions
- ISO and DIN

Technical Data:

- Gland Packing - lantern ring is used for water sealing and lubrication of packing
- Mechanical seal - standard; alloy-alloy/Viton™ with alternative seal construction available on request

Performance Data:

- Flow from 2 - 1100 m^3/hr
- Head from 2 - 150 m
- Speed from 1450 rpm/2900 rpm (50Hz); 1750 rpm/3500 rpm (Hz)
- Temperature from -10°C - 150°C
- Operating Pressure from 10 bar, optional 16 bar

GRUNDFOS DIGITAL DOSING PUMPS

A Generation of Intelligent Variable Speed Dosing Solutions



Features:

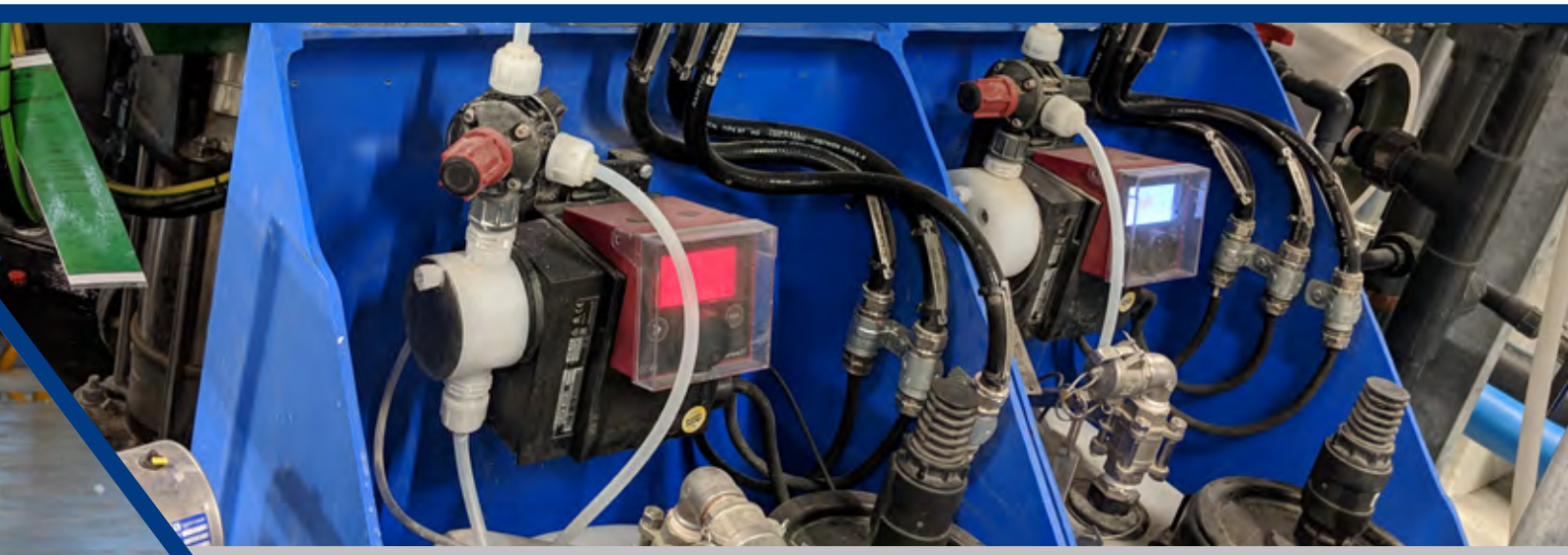
- Precise and easy setting
- Unique technology
- Advanced process reliability
- Small number of variants will cover all needs

Technical Data:

- Pumps from 0.0025 to 30 l/h
- Full pulse and pulse batch control
- Analog control
- Wide supply voltage range (100-240 V; 50/60 Hz)

Performance Data:

- Flow up to 940 l/h
- Pressure up to 16 P [bar]



ENVIROGEAR® INTERNAL GEAR PUMPS

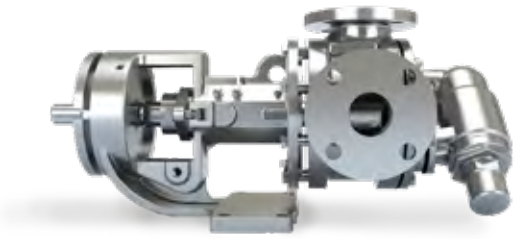
Performance by Design

Features:

- Single chamber for enhanced reliability and fluid safety
- Between-the-bearing support system for increased durability

Technical Data:

- Pressure containing materials - ductile iron, carbon steel & stainless steel
- Temperature -40 to 260°C (-40 to 500°F)
- Viscosity ranging from 0.5 to 50,000 cSt



Performance Data:

Stainless Steel

- Flow range from 10 - 160 gpm
- Max. RPM range from 520 - 1200

Ductile Iron, Carbon Steel

- Flow range from 15 - 200 gpm
- Max. RPM range from 640 - 1800

All

- Temperature -40 to 260°C (-40 to 500°F)
- Viscosity ranging from 0.5 to 50,000 cSt

Allied Pumps

ROTO HELICAL ROTOR PUMPS

Uniform Flow • Low Pulsating Delivery



Features:

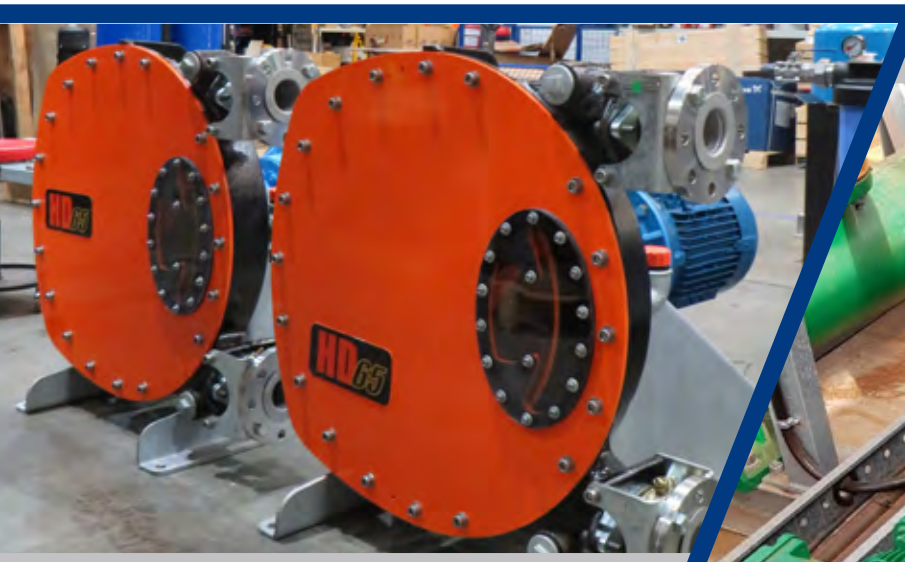
- Low rubbing velocity
- Non pulsating flow
- Application versatility
- High suction lift capabilities
- Gentle pumping action
- Self priming / non-clogging

Technical Data:

- Housing materials of construction - cast iron and cast steel/stainless steel
- Rotor - case manifold steel, alloy steel, HCP and SS UP/HCP
- Stator - NR, Nitrile, Hi Nitrile and EPDM

Performance Data:

- Flow ranging from 0.11 to 345 m³/hr (0.4 to 1520 gpm)
- Pressure ranging from 6 to 48 bar (86 to 682 psi)
- Temperature up to 150°C/302°F
- Viscosity up to 3,000,000 cSt





ABAQUE™ SERIES PERISTALTIC PUMPS

Pump with Confidence



Features:

- Seal-less design
- Reversible pump
- Dry-run capable
- Excellent volumetric accuracy (dosing)
- Self priming
- Hoses interchangeable with all major brands

Technical Data:

- Hose materials of construction: Natural rubber, Buna-N, EPDM
- Hose inserts: Stainless steel (standard), PP or PVDF
- Ductile iron non-wetted components
- Sizes: 10mm (3/8") to 125mm (5")
- ANSI, DIN or barbed connections

Performance Data:

- Flow up to 77 m3/hr (339 gpm)
- Discharge pressures up to 16 bar (232 psig)
- Suction lift up to 9 m (29.5') of water
- Viscosity up to 40,000 cSt (185,000 SSU)

TITAN™ SLURRY PUMPS

Superior Hydraulic Design



Features:

The Titan Slurry pump is a true mill-circuit slurry pump that is engineered to handle high concentrations of coarse, abrasive solids in suspension.

Technical Data:

- Removable stuffing box
- Dual casing
- High-efficiency, closed vane impeller with adjustable face clearance and generous wear allowance

Performance Data:

- Flows to 3,600 m³/h (16,000 gpm)
- Heads to 90 m (300 ft)
- Pressures to 40 bar (580 psi)
- Temperatures to 110°C (230°F)

INNOMAG® MAGNETIC DRIVE PUMPS

Advanced Seal-less Pump Technology



Features:

The INNOMAG magnetic drive pump provides exceptional safety, performance and value in general purpose chemical process and ultra-high purity applications.

Technical Data:

- One-piece ETFE impeller and inner magnet
- Composite construction
- Dynamic thrust balancing system

Performance Data:

- Flows to 360 m³/h (1585 gpm)
- Heads to 153 m (500ft)
- Maximum pressure to 25 bar (365 psi)
- Temperatures -29°C (-20°F) to 121°C (250°F)
- Solid handling: 30% by volume

DURCO® MARK 3™

Outstanding Hydraulic Performance • Proven Reliability
Low Total Cost Of Ownership



Features:

This versatile magnetic coupling chemical process pump is very well-suited for handling toxic, explosive and valuable liquids in nearly all industries. It provides safe, zero-leakage performance of fluids and standard electric motors keep ownership costs low.

Technical Data:

- Reverse vane impeller design
- Unique flow modifiers
- Integral foot and a multi-ribbed discharge flange

Performance Data:

- Flows to 475 m³/h (2,091 gpm)
- Heads to: 150 m (492 ft)
- Maximum pressure to 25 bar (365 psi)
- Temperatures -70°C to 350°C (-94°F to 662°F)



HYDRO TITAN

High Performance And Reliable Pumping

Features:

- Back pullout
- High pump efficiency
- End suction design is the optimum for small to medium duty applications

Technical Data:

- Cast iron casing with either a cast iron or bronze impeller and AISI431 Stainless Steel shaft
- Maximum Speed to 3600 r/min depending on impeller size
- Suitable for use on 60 Hz electrical supply.

Performance Data:

- Flows to 900 m³/h (3,963 gpm)
- Heads to: 150 m (492 ft)
- Maximum pressure to 1600kPa
- Temperatures 150°C (3,963 °F)



TERRA TITAN™

Vertical Cantilever Shaft Sump Pump

Features:

- Double-sided open impeller
- Shaft design is cantilevered
- Wet end design is simple and robust

Technical Data:

- Sizes 40 to 125 mm
- Standard column lengths of 700, 900, 1200, 1500 or 1800 mm
- Power range 0.5 to 55 kW

Performance Data:

- Flows to 250 m³/h (1100 gpm)
- Heads to 40 m (131 ft)
- Temperatures to 100°C (212°F)
- Pressures to 5 bar (70 psi)



TSURUMI NKZ SLURRY PUMPS

Heavy Duty 4 Pole Agitator Pump

Features:

The NKZ slurry pumps have spiral pump casings and shaft mounted agitators. These features assist the smooth suction of slurry, mud or sand. The pump has a water jacket, surrounding the motor casing. A portion of pumped water flows around the motor and cools it even when operating at low water levels.

Technical Data:

- Discharge port 80 – 150mm
- Side discharge
- Semi open type impeller – Ductile Iron, Hi chrome iron – H type
- Three phase, 4 pole motor

Performance Data:

- Capacity 30 - 120 m³/h
- Total head 10 - 25 m
- Motor output 2.2 – 11kW
- Temperatures 0°C to 40°C

TSURUMI GPN SLURRY PUMPS

Special Steel Impeller For Longer Life



Features:

The GPN-series are high volume sand pumps with large agitators. Chromium iron wearing parts and an extra thick pump casing means the pump delivers long-lasting performance and outstanding durability. A water jacket for forced cooling of the motor permits the pumps to operate at low water levels for extended periods of time.

Technical Data:

- Discharge port 80 – 100mm
- Side discharge
- Semi open type impeller - Hi chrome
- Chromium Molybdenum motor shaft
- Three phase, 4 pole & 6 pole motors

Performance Data:

- Capacity 114 - 540 m^3/h
- Total head 16.3 - 34 m
- Motor output 5.5 – 37kW
- Max solid handling 30mm

TSURUMI KTZ SERIES DEWATERING PUMPS

Heavy Duty, High Head/ High Volume Dewatering



Features:

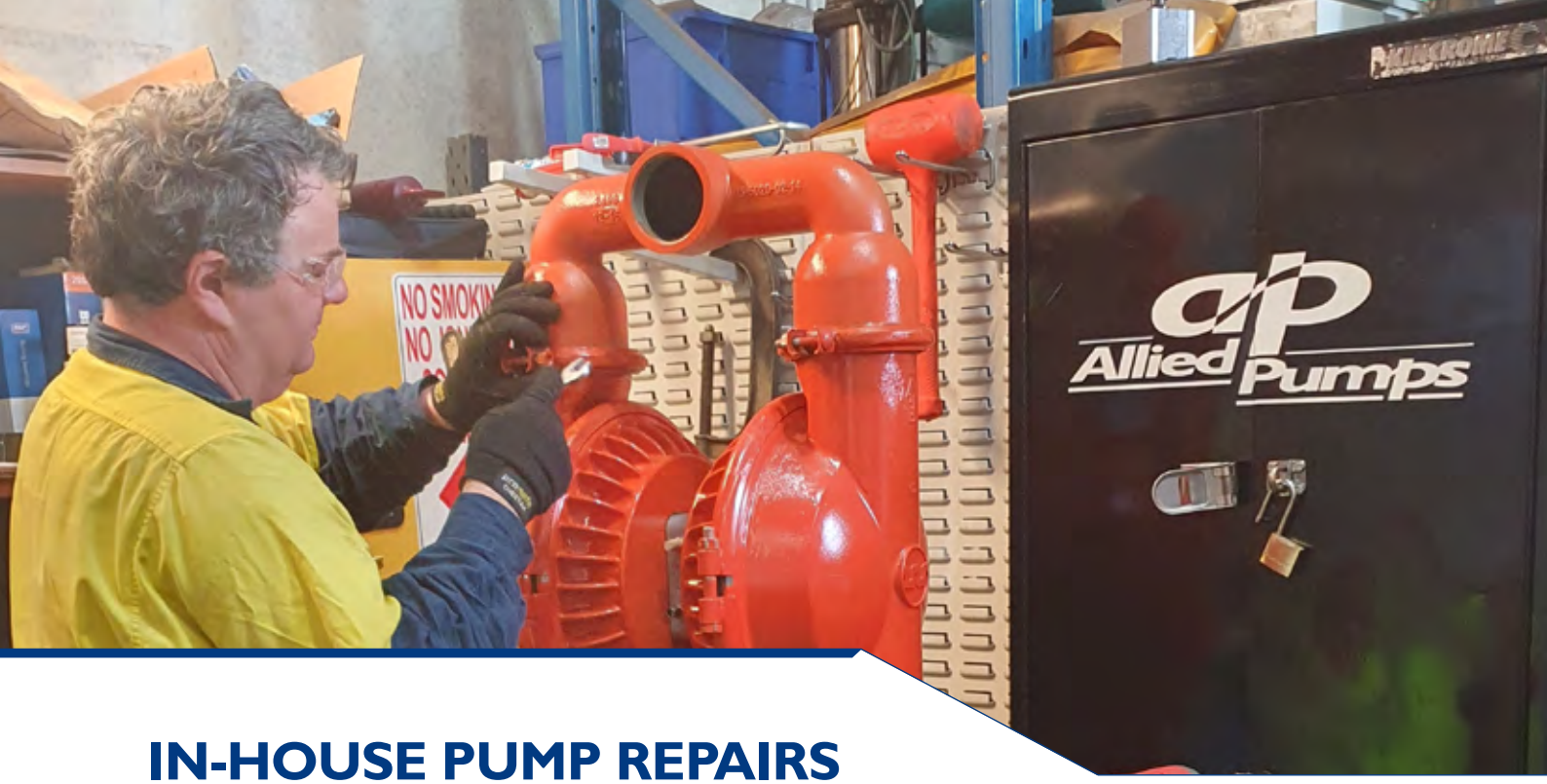
KTZ-series are three-phase, cast iron, high head dewatering pumps. The mechanical seals resistance to high pressure mean the pumps can be installed to a maximum submersion depth of 50m. Top mounted outlet makes pump suitable for installation in confined spaces.

Technical Data:

- Discharge port 50 – 150mm
- Side flow design to cool motor
- Semi open type impeller - Hi chrome iron
- Three phase, 2 pole motors from 3 to 110 kW

Performance Data:

- Capacity 25.8 - 165 m^3/h
- Total head 18 - 55 m
- Motor output 1.5 - 15 kW
- Max solid handling 8.5 - 20 mm



IN-HOUSE PUMP REPAIRS

The **ALLIED PUMPS** In-House Pump Repairs and Technical Service Division has been developed and expanded for greater reliability and quick turn around in the servicing and maintenance of pumping, rotating and associated equipment.

Our qualified Service Technicians are supported by fully equipped mobile service vehicles and workshop facilities. Our flagship facilities in Canning Vale and Albany have approximately 13,500m^2 of workshop, office and storage yard space. We focus on supplying quality products and excellence in service with an extensive product holding in our warehouse. With branches in Queensland and the Northern Territory we have the resources close at hand to meet your needs. No maintenance or servicing job is too large or small.

KEY SERVICE FEATURES

- Fast and effective response to enquiries
- Reliable deliveries
- Competitive prices
- An efficient after-sales service
- Accurate and honest reporting

TESTING AVAILABLE

- Electrical
- Functional
- Hydrostatic
- Certified AS2417 Test Rig for pump performance
- Laser Shaft Alignment

TECHNICAL CONSULTANCY SERVICES FOR

- Service life enhancement
- Plant optimization

PUMP REPAIRS FOR (BUT NOT LIMITED TO)

- Centrifugal
- Positive Displacement
- Electric Drive
- Engine Drive



NOTES

NOTES


DN300
DN200
AS2417



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