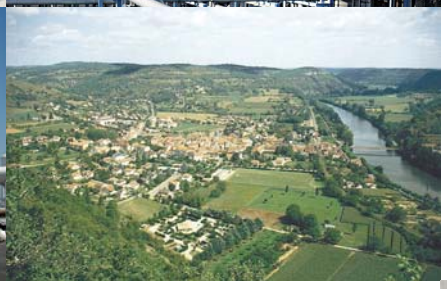


HORIZONTAL PUMPS











WPIL Limited

Introduction

WPIL Limited, formerly known as Worthington Pump India Ltd., was established about 60 years back and has dedicated itself to the development of complete range of pumps and water handling systems.

Leveraging the hydraulic heritage of the world famous Worthington and Johnston brand and enhancing it with a sophisticated Research and Development Centre, the Company now possesses an envious product range of Pumps and capability. Its Horizontal Pump range covers the large engineered Horizontal Split Case and Volute Pumps to the smaller End Suction Pumps.

The Pumps find applications in all spheres of Industry, Power, Irrigation and Municipal Sectors from Raw Water applications, Booster Pump Applications, Cooling Water Applications, Municipal Distribution Applications to Lift Irrigation Applications. These products are the market leaders in performance.

Based on WPIL's huge manufacturing capability including 4 foundries handling various metallurgies, these pumps can be supplied in all metallurgies from simple cast iron construction to exotic super duplex stainless steels and nickel alloys.

WPIL products are backed by a world class after sales team with trained personnel who can be deputed a short notice.

Today WPIL is truely an International Company with operations accross the Globe.

The company had following Historical Benchmarks during these long years:

1952	Johnston Pumps India - A JV of Johnston, US
1983	Worthington Pump India Ltd - JV of Worthington
1991	India's largest Cooling Water Pump
2003	Start of Turnkey Project Division
2010	Manufacture of Concrete and Metallic Volute Pumps
2011	Large Turnkey Projects for Water System of Power Plant
2011	WPIL International Formed
2013	Large order for 30000 KW Volute Pumps

Split Case Range - Between Bearings:



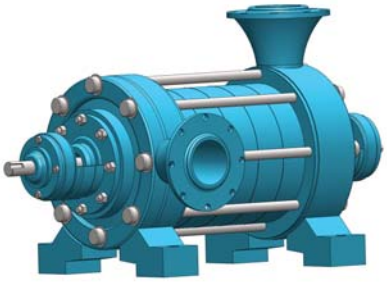
L R type - Axially Split
Double Suction - Standard



L N type - Axially Split
Double Suction - Heavy Duty



U type - Axially Split
Single Suction - 2 Stage



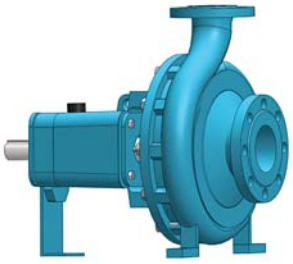
WXH type - Radial Split
Multistage

HORIZONTAL PUMP RANGE

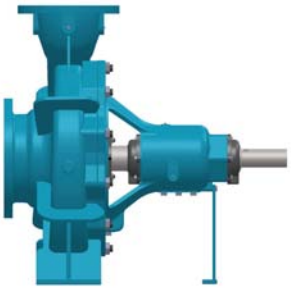
A broad line of field proven centrifugal pumps for a wide variety of applications is given. However designs as per requirements can also be provided in various materials of construction & performance ranges.

WPIL Limited

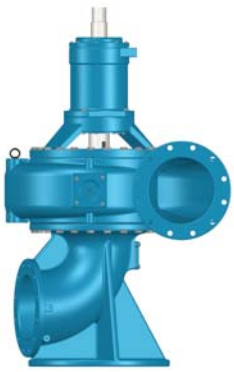
End Suction Range:



WPE type - End Suction
Back Pullout



DS type - End Suction
Heavy Duty



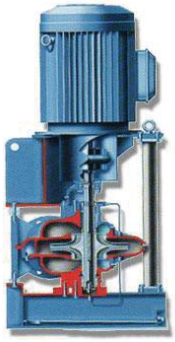
MN type - End Suction
Solid Handling - Heavy Duty

Note : 1. Designs subject to change.
2. Other sizes and options available as per requirement

SPLIT CASE - BETWEEN BEARING

LR-Axial Split Case





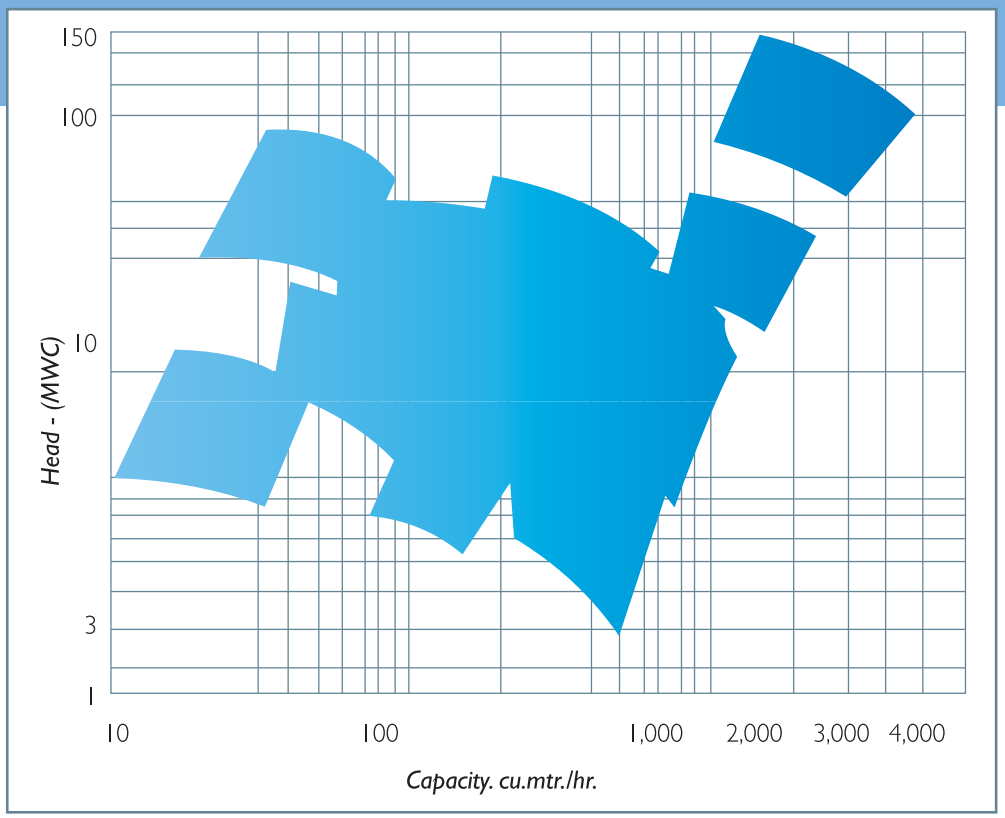
Features:

- Axially Split Case Design
- Single Stage Pump
- Range from 10M³/HR to 2200M³/HR
- Head upto 150 Mtr
- Double Suction design - Closed type Impeller
- Both Horizontal & Vertical execution available

Advantages:

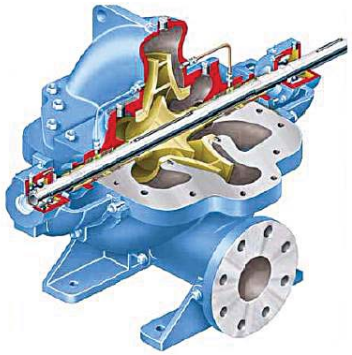
- Balanced Axial Loading
- High Efficiency
- Ease of maintenance

Horizontal Split Case Pump "LR" Series Coverage Chart



SPLIT CASE - BETWEEN BEARING

LN - Axial Split Case - Heavy Duty





Features:

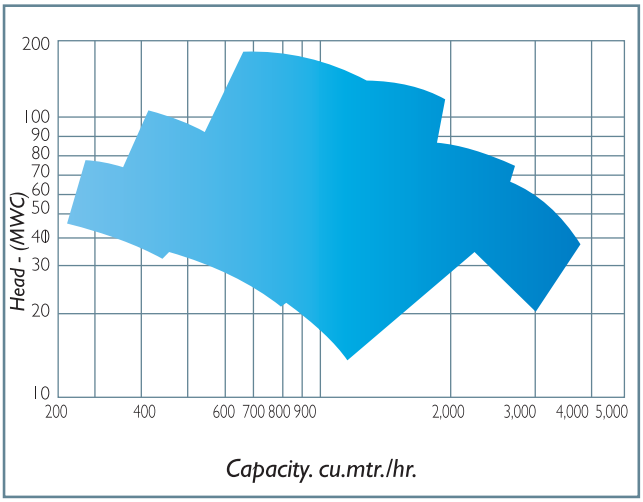
- Axially Split Case Design
- Single Stage Pump
- Range from 400M³/HR to 15000M³/HR
- Head upto 200 Mtr
- Double Suction Closed type Impeller - Volute Casting design
- Suction / Discharge branches integrally cast with Casting
- Both Horizontal & Vertical execution available

Advantages

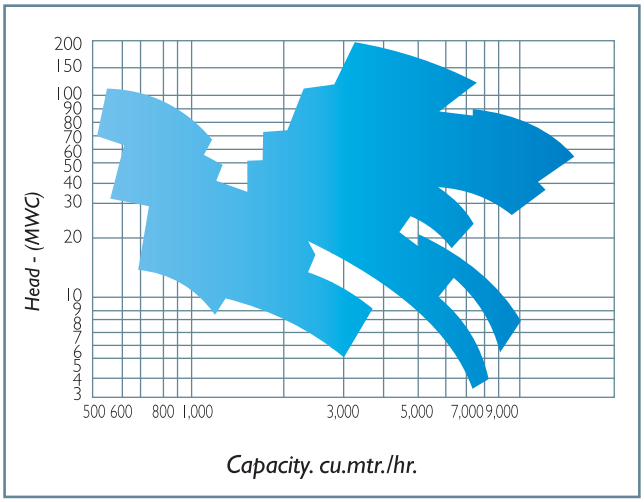
- Balanced Axial Loading
- Can Operate almost at shut-off capacity without excessive deflection
- High Efficiency
- Ease of maintenance
- Low noise & vibration
- Low NPSHR

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Horizontal Split Case Pump "LN" Series
Coverage Chart 4 Pole 50Hz

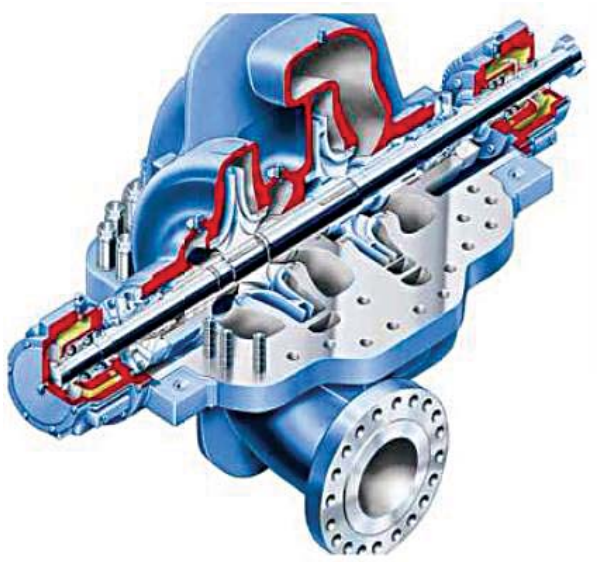


Horizontal Split Case Pump "LN" Series
Coverage Chart 6, 8 & 10 Pole 50Hz



SPLIT CASE - BETWEEN BEARING

U - Axial Split Case - 2 Stage



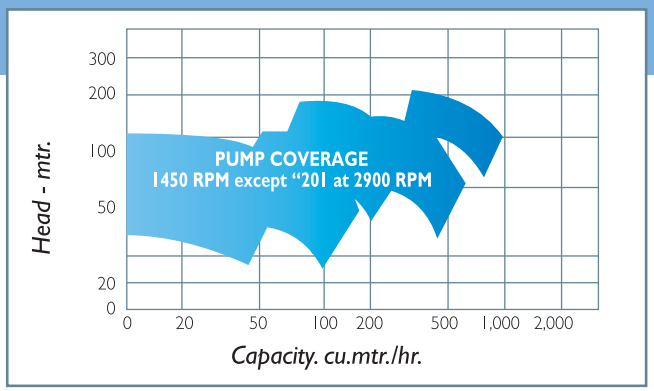
Features:

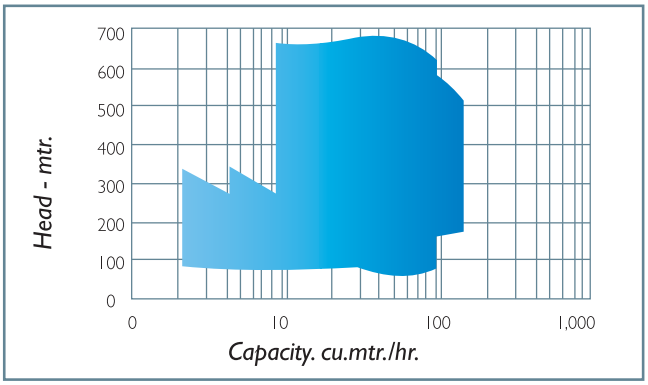
- Axially Split Case Design
- 2 Stage Pump
- Range from 10M³/HR to 2200M³/HR
- Head upto 200 Mtr
- Single Suction Closed type Impeller

Advantages:

- Balanced Axial Loading
- High Efficiency
- Ease of maintenance
- Low NPSHR

WXH - Radial Split Case Multi Stage





Features:

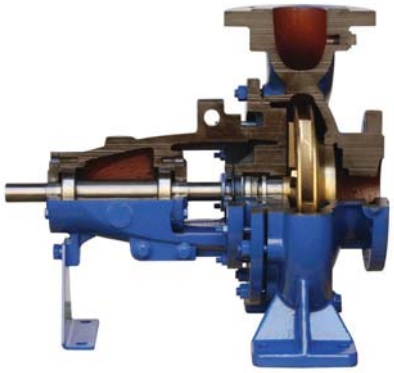
- Radially Split Case Suction Design
- Multi Stage Pump
- Range from 6M³/HR to 450M³/HR
- Head upto 650 Mtr

Advantages:

- Suitable for water supply and drainage
- Axial thrust balancing by balancing disc
- High Efficiency
- Extra Sliding bearing for longer life
- Various options available

END SUCTION

WPE - End Suction Pump - ISO 2858





Features:

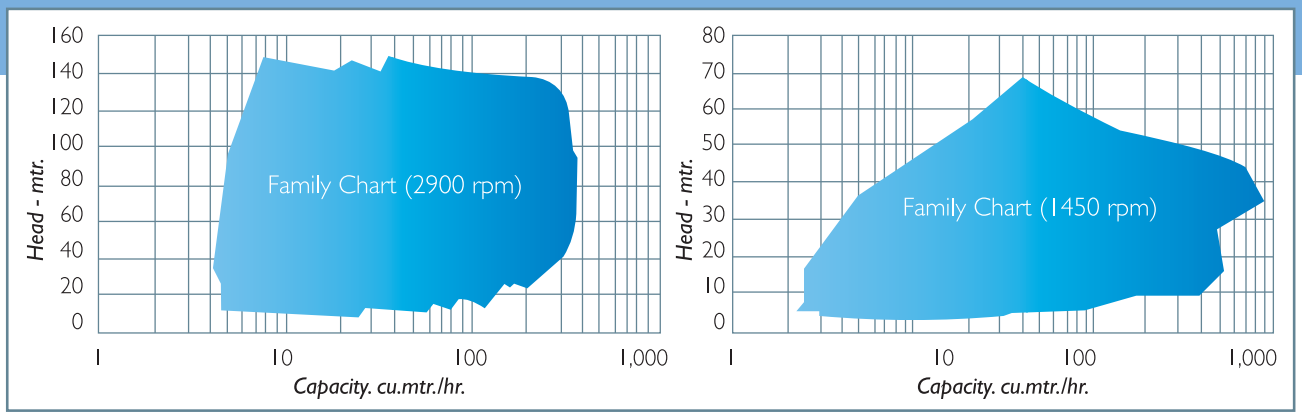
- Radial Split Case Design
- Range upto 900M³/HR
- Head upto 140 Mtr
- Closed or open type Impeller
- DN 32 mm to DN 200 mm
- Casting pressure upto 16 bar

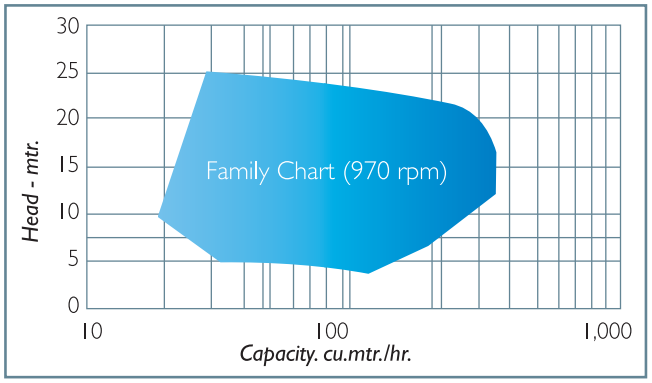
Advantages:

- Exceeds ANCI B 73.1 Standards
- High Efficiency
- Low noise & vibration
- Low NPSHR

Chart of WPE - End Suction Pump - ISO 2858

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END SUCTION

DS Industrial type - Heavy Duty





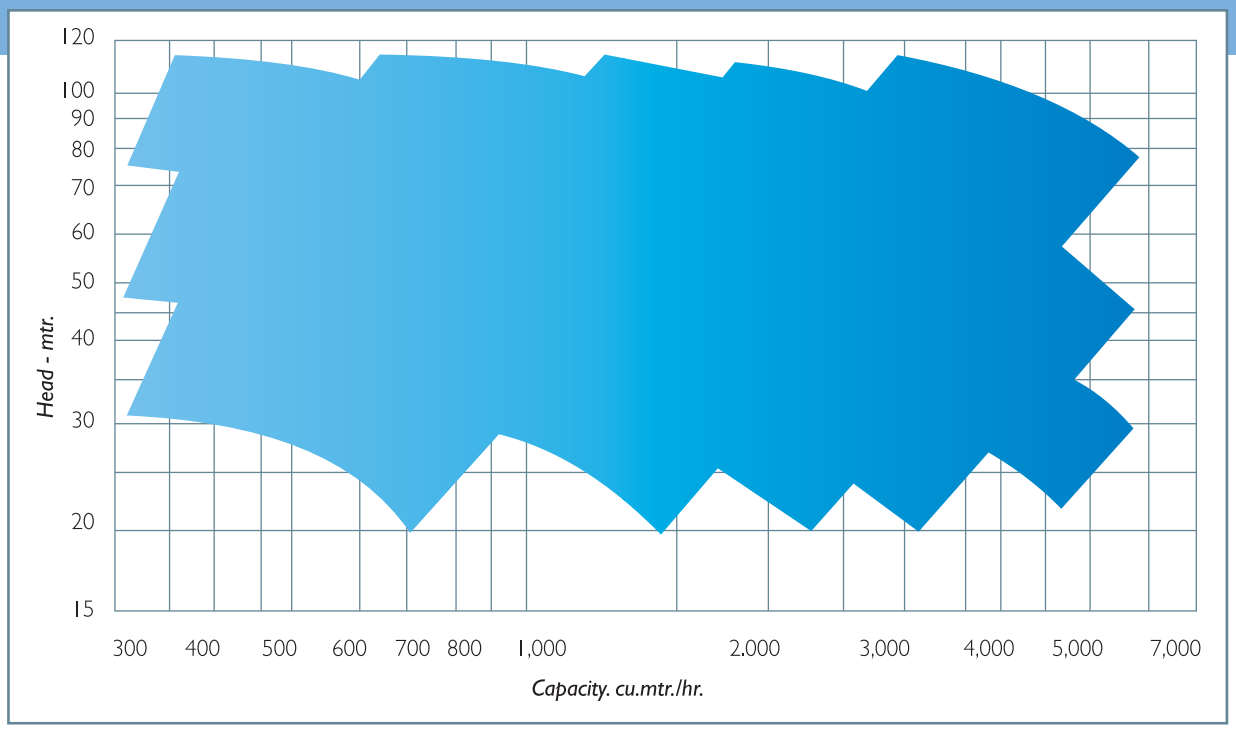
Features:

- Radial Split Case Design
- Range from 420M³/HR to 5000M³/HR
- Head upto 100 Mtr
- End Suction Back Pull-Outdesign
- Single Stage, Single Suction, Double Volute Casting

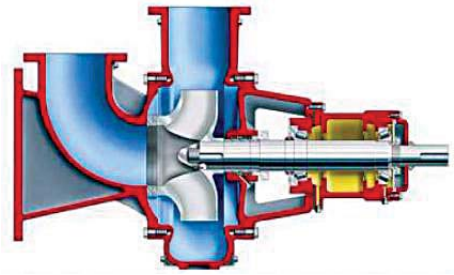
Advantages

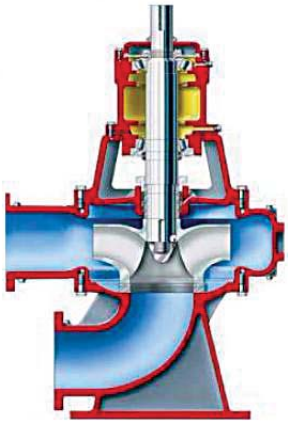
- Low NPSH requirement
- High Efficiency
- Low noise & vibration
- Conservative loading of components
- Low wear & tear

Chart of DS Industrial type - Heavy Duty



END SUCTION
MN - Solid Handling Pumps





Features:

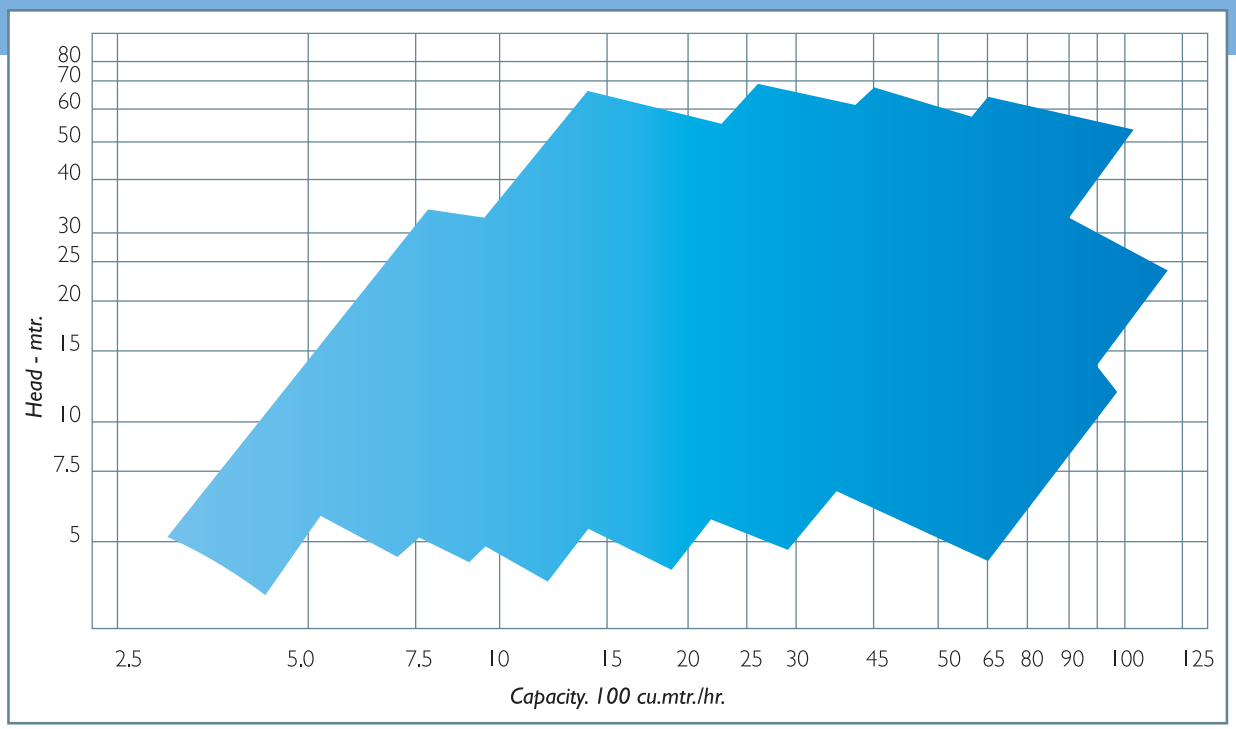
- Radial Split End Suction Design
- Range from 250M³/HR to 9400M³/HR
- Head upto 200 Mtr
- Mixed Flow Type
- Enclosed non-clog Impeller design
- Large solid & Stringy Material handling capability
- Both Horizontal & Vertical execution available, with various nozzle position

Advantages:

- Consistent performance over long years
- High Efficiency
- Low noise & vibration

Chart of MN - Solid Handling Pump

WPIL Limited



REFERENCES

Over the years WPIL has created huge references not only India but also accross the Globe some selected major ones are listed below.

POWER

- Aravali STPP thru BHEL, India

DRAINAGE & IRRIGATION

- APSIOC, India
- U.P irrigation, India
- IFC, Srinagar, India

MUNICIPAL

- River raw water intake in West Bengal, India
- Water Supply Project - Malaysia
- KWA, India
- Delhi Jal Board, India
- Sokoto State Water Supply in Nigeria
- Osaka Steel in Nigeria
- Hidromac in Colombia



INDUSTRY

- Tata Steel, India
- Hindalco, Hirakund, India
- Ispat Alloys Ltd. India
- Beijing Sino Steel, China
- GHCL Ltd. India
- ITC Ltd. India
- CPCL, India
- TCI Sanmar - Egypt
- Chemanol - Jubali, Saudi Arabia

FACILITY

- One dedicated factory at Ghaziabad (near Delhi) having 54,000 Sq.Mtr.Area
- In-house grey iron and non-ferrous foundry with induction furnace. Foundries in other 2 locations in India also cater in this product group.
- Test facilities to test pumps upto 10,000 M^3/Hr capacity & 1.5 MW, LT and HT. Test facility to test pumps upto 40,000 M^3/Hr capacity & 4 MW power at Kolkata plants.
- Fully automatic machining centres for large casings/impellers & dynamic balancing setups for rotating assemblies.
- Research & Development wing recognised by Govt. of India, Ministry of Science.





WPIL Limited

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  Website: www.wpil.co.th

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  Tel : +61 3 9729 5044, Fax : +61 3 9729 3522, Email : anton@ sterlingpumps.com.au ; brian@sterlingpumps.co.au
  Website : www.sterlingpumps.com.au

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  Mathers Foundry Limited., Park Works, Grimshaw Lane, Newton Health, Manchester M40 2BA, UK
  Tel : +44(0) 161 954 4347, Fax : +44(0) 161 205 2455, Email : sales@mathersfoundry.co.uk
  Website : www.mathersfoundry.co.uk

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  Tel : +27 11 824 4801, Fax : +27 11 824 2770, Email : alan@apepumps.co.za; sonja@pepumps.co.za
  Website : www.apepumps.co.za; www.matherandplatt.com

WPIL SERVED



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KOLKATA ■ DELHI ■ MUMBAI ■ CHENNAI ■ HYDERABAD ■ BARODA ■ BANGALORE ■ BHUBANESHWAR
BANGKOK ■ MELBOURNE ■ JOHANNESBURG ■ MANCHESTER

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