



Specification RHHB\_v23

# YARDMASTER® HORIZONTAL SUCTION PUMP

- Non-clog impeller partially macerates soft solids in reducing pump and line blockages
- The Yardmaster Horizontal End Suction Pump is ideal when the stored liquid is above the pump
- Using the Standard Series bearing arrangement most components are common to the Standard Vertical pump
- Options available for stainless steel impellers and pump casings
- Also available in a pedestal configuration for existing applications
- Designed and manufactured in New Zealand for New Zealand conditions

## Ideal for...

Ideal as an End Suction Pump with solids present

## Applications & Case Studies



## Product Codes

### DESCRIPTION

### CODE

#### LOW SPEED TRANSFER PUMPS with 32bs Mechanical Seal

Yardmaster horizontal mount pump with motor; RH3H, 2.2kW, 1400rpm  
 Yardmaster horizontal mount pump with motor; RH4H, 4kW, 1400rpm  
 Yardmaster horizontal mount pump with motor; RH6H, 7.5kW, 1400rpm

RH3H32B  
 RH4H32B  
 RH6H32B

#### HIGH SPEED IRRIGATION PUMPS with 32bs Mechanical Seal

Yardmaster horizontal mount pump with motor; RH5SH, 4kW, 2800rpm  
 Yardmaster horizontal mount pump with motor; RH5BH, 5.5kW, 2800rpm  
 Yardmaster horizontal mount pump with motor; RH6AH, 7.5kW, 2800rpm  
 Yardmaster horizontal mount pump with motor; RH7H, 11kW, 15kW, 18.5kW, 2800rpm  
 Yardmaster horizontal mount pump with motor; RH8H, 15kW, 18.5kW, 22kW, 2800rpm  
 Yardmaster horizontal mount pump with motor; RH9H, 18.5kW, 22kW, 2800rpm

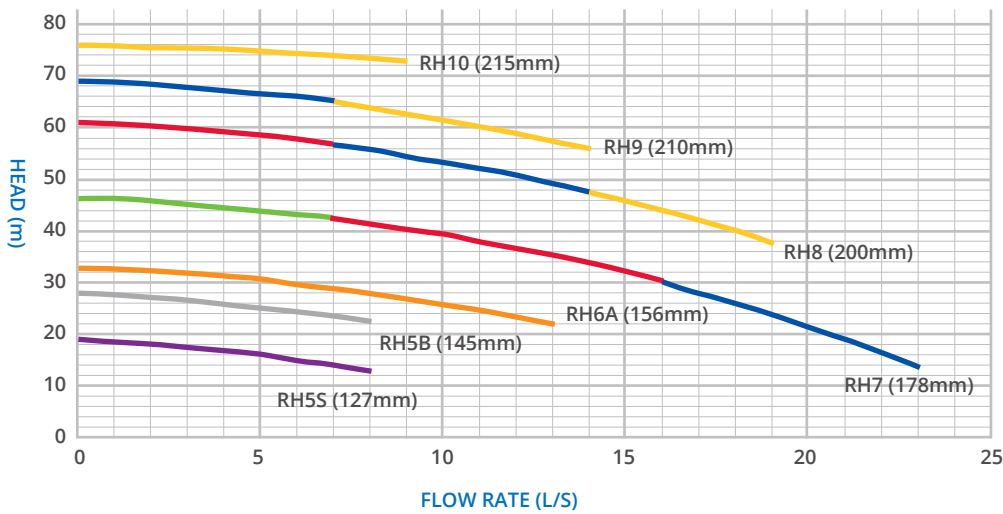
RH5SH32B  
 RH5BH32B  
 RH6AH32B  
 RH7H32B-xx  
 RH8H32B-xx  
 RH9H32B-xx

xx = Required Power (kW)

Specifications are subject to change without notice

The performance curves stated below are those for water. When slurries, manures and effluents are to be pumped, delivery, head and power will alter. For viscous liquid-solid combinations seek assistance from your agent or contact Reid & Harrison direct. Calculations can be made that will give details of the size of pump required for the task and specifications of performance.

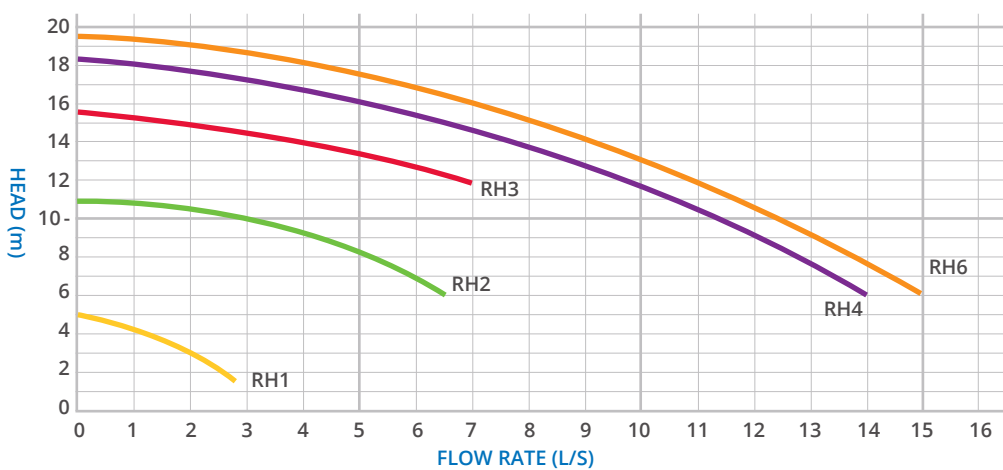
### Performance Curves - TWO POLE (2800 rpm)



|  | kW   | HP  |
|--|------|-----|
|  | 4    | 5   |
|  | 5.5  | 7.5 |
|  | 7.5  | 10  |
|  | 11   | 15  |
|  | 15   | 20  |
|  | 18.5 | 25  |
|  | 22   | 30  |

(Impeller Size)

### Performance Curves - FOUR POLE (1400 rpm)



|     | IMP | kW   | HP |
|-----|-----|------|----|
| RH1 | 150 | 0.75 | 1  |
| RH2 | 178 | 1.5  | 2  |
| RH3 | 200 | 2.2  | 3  |
| RH4 | 215 | 4    | 5  |
| RH6 | 220 | 7.5  | 10 |

