

Specification RHE\_v23

# YARDMASTER® EXTENDER PUMP

- The Yardmaster extended shaft pump is an ideal solution for deep sump situations where pontoons are not suitable
- Pumps can be made to any length up to 3m, keeping the pump head at the bottom of the sump
- Using a mechanical seal and at least one additional bearing, these pumps have an oil filled column
- Designed and manufactured in New Zealand for New Zealand conditions

### Ideal for...

situations where floating frames are not suitable

### Applications & Case Studies



### Product Codes

DESCRIPTION	CODE
<b>LOW SPEED EXTENDER TRANSFER PUMPS</b>	
Yardmaster extender pump with motor, RH3, 2.2kW 1400rpm	RHE3xxVH
Yardmaster extender pump with motor, RH4, 4kW 1400rpm	RHE4xxVH
Yardmaster extender pump with motor, RH6, 7.5kW 1400rpm	RHE6xxVH
<b>HIGH SPEED EXTENDER IRRIGATION PUMPS</b>	
Yardmaster extender pump with motor, RH5, 4kW 2800rpm	RHE5xxVH
Yardmaster extender pump with motor, RH5A, 5.5kW 2800rpm	RHE5AxxVH
Yardmaster extender pump with motor, RH6A, 7.5kW 2800rpm	RHE6AxxVH
Yardmaster extender pump with motor, RH7, 11kW 2800rpm	RHE7xxVH
Yardmaster extender pump with motor, RH8, 15kW 2800rpm	RHE8xxVH
Yardmaster extender pump with motor, RH9, 18.5kW 2800rpm	RHE9xxVH

**Note:** xx in the code denotes pump length, there are three options 3m, 2.5m & 2m. Each option has 400mm of adjustability.

- i.e. RHE430VH = 3.0m pump length (3.0m to 2.6m)
- RHE425VH= 2.5m pump length (2.5m to 2.1m)
- RHE420VH= 2.0m pump length (2.0m to 1.6m)

Specifications are subject to change without notice



### CS\_TMC01

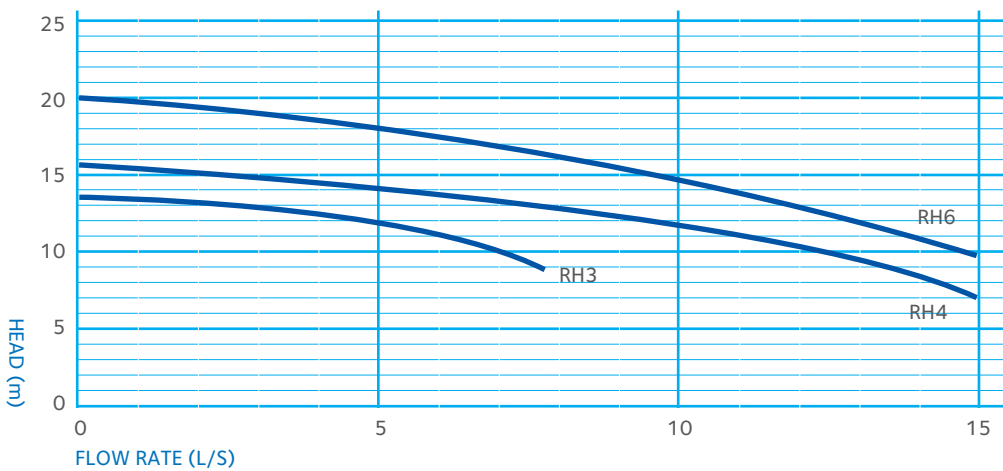
Extender pump and long shaft stirrer on fixed frame

NOTE: Full modification options available for specific requirements



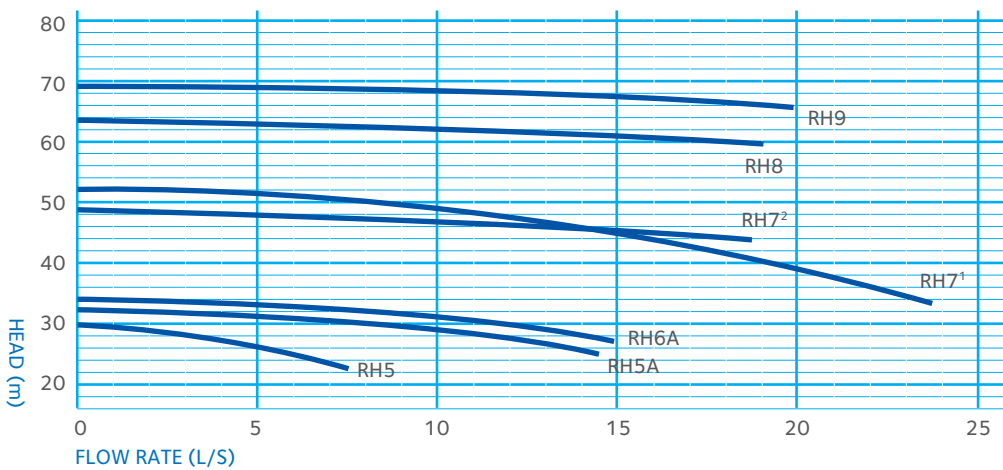
The performance curves stated below are those for water. When slurries, manures and effluents are to be pumped, delivery, head and power will alter. For viscous liquid-solid combinations seek assistance from your agent or contact Reid & Harrison direct. Calculations can be made that will give details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

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



	IMP	kW
RH3	200	2.2
RH4	215	4
RH6	220	7.5

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



	IMP	kW
RH5	150	4
RH5A	152	5.5
RH6A	156	7.5
RH7 <sup>1</sup>	187	11
RH7 <sup>2</sup>	178	11
RH8	200	15
RH9	210	18.5