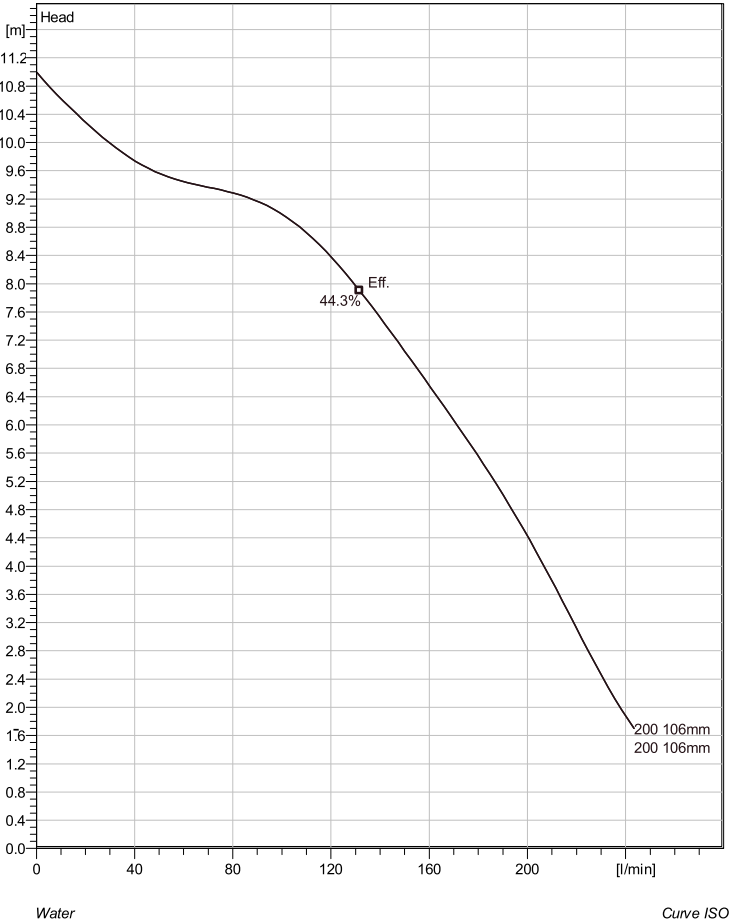


Ready 4 MT 1~ 2p
Technical specification



Note: Picture might not correspond to the current configuration.

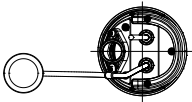
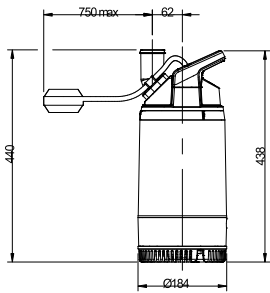
General
Light, compact submersible pumps in aluminum that can handle abrasive media at the construction site, mine, or at home.

Impeller	
Impeller material	Thermoplastic poly urethane
Discharge Flange Diameter	50 mm
Suction Flange Diameter	
Impeller diameter	106 mm
Number of blades	8

Motor	
Motor #	B2004.212 12-05-2BB-W 0.42KW
	Standard
Stator variant	2
Frequency	50 Hz
Rated voltage	230 V
Number of poles	2
Phases	1~
Rated power	0.42 kW
Rated current	2.7 A
Starting current	7.51 A
Rated speed	2760 rpm
Power factor	
1/1 Load	0.97
3/4 Load	0.93
1/2 Load	0.86
Motor efficiency	
1/1 Load	70.7 %
3/4 Load	68.3 %
1/2 Load	59.7 %

Configuration

Installation: S - Portable Semi permanent, Wet



Screen opening 11x5

Weight

BS 2004212

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			1/23/2018	

Ready 4 MT 1~ 2p

Performance curve



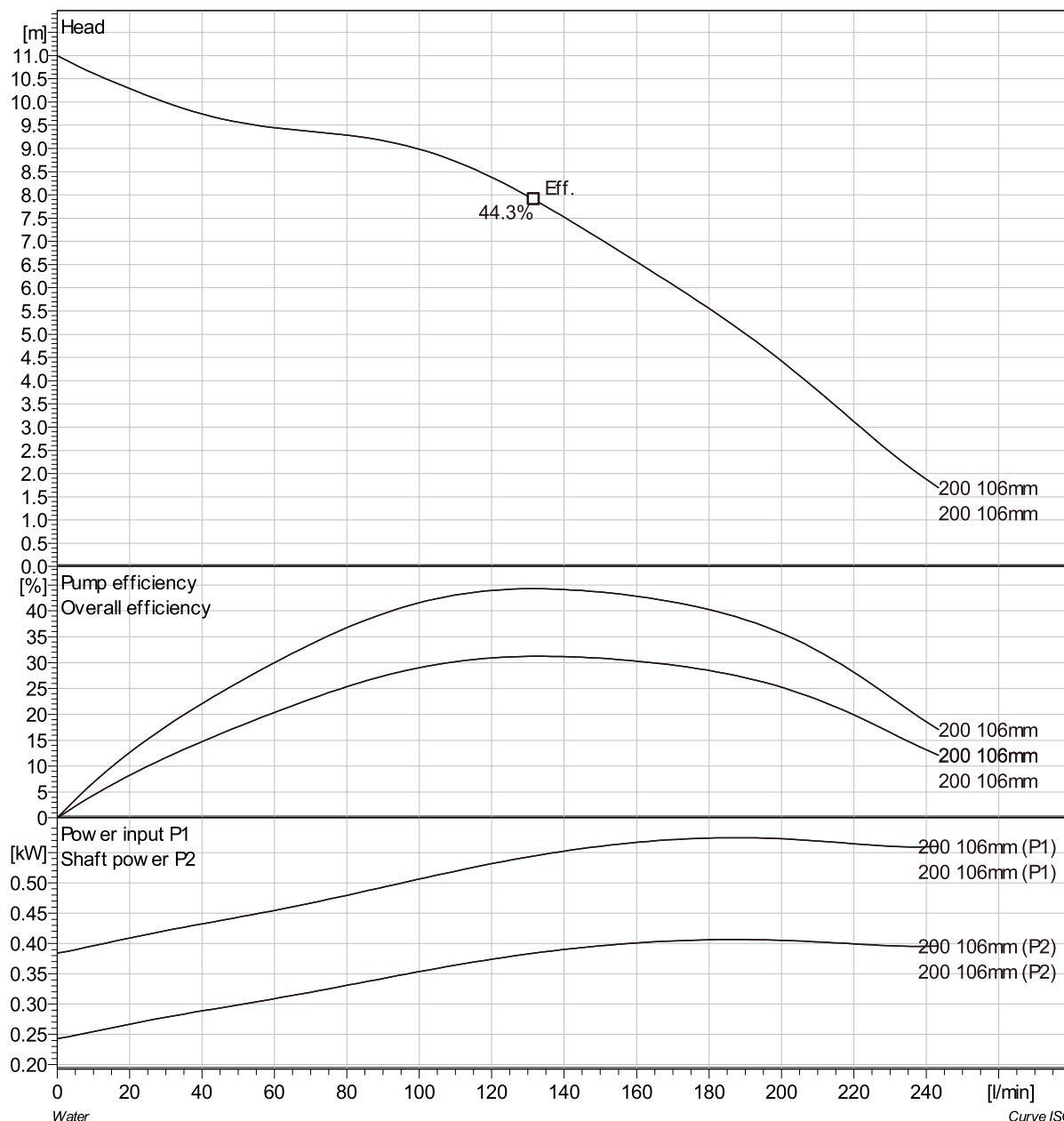
Pump

Discharge Flange Diameter 50 mm
Suction Flange Diameter 106 mm
Impeller diameter 8
Number of blades 8

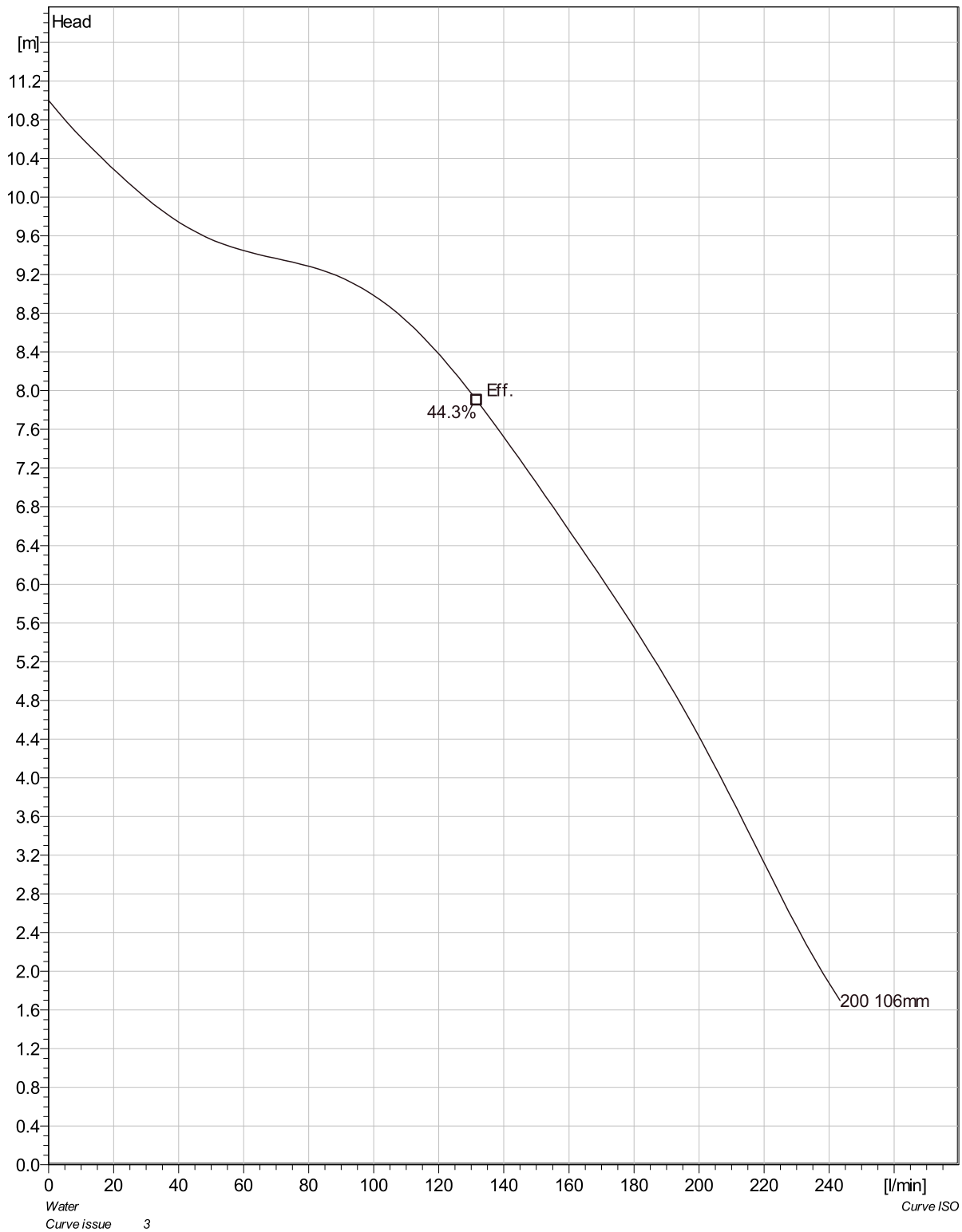
Motor

Motor # B2004.212 12-05-2BB-W 0.42KW
Stator variant 2
Frequency 50 Hz
Rated voltage 230 V
Number of poles 2
Phases 1~
Rated power 0.42 kW
Rated current 2.7 A
Starting current 7.51 A
Rated speed 2760 rpm

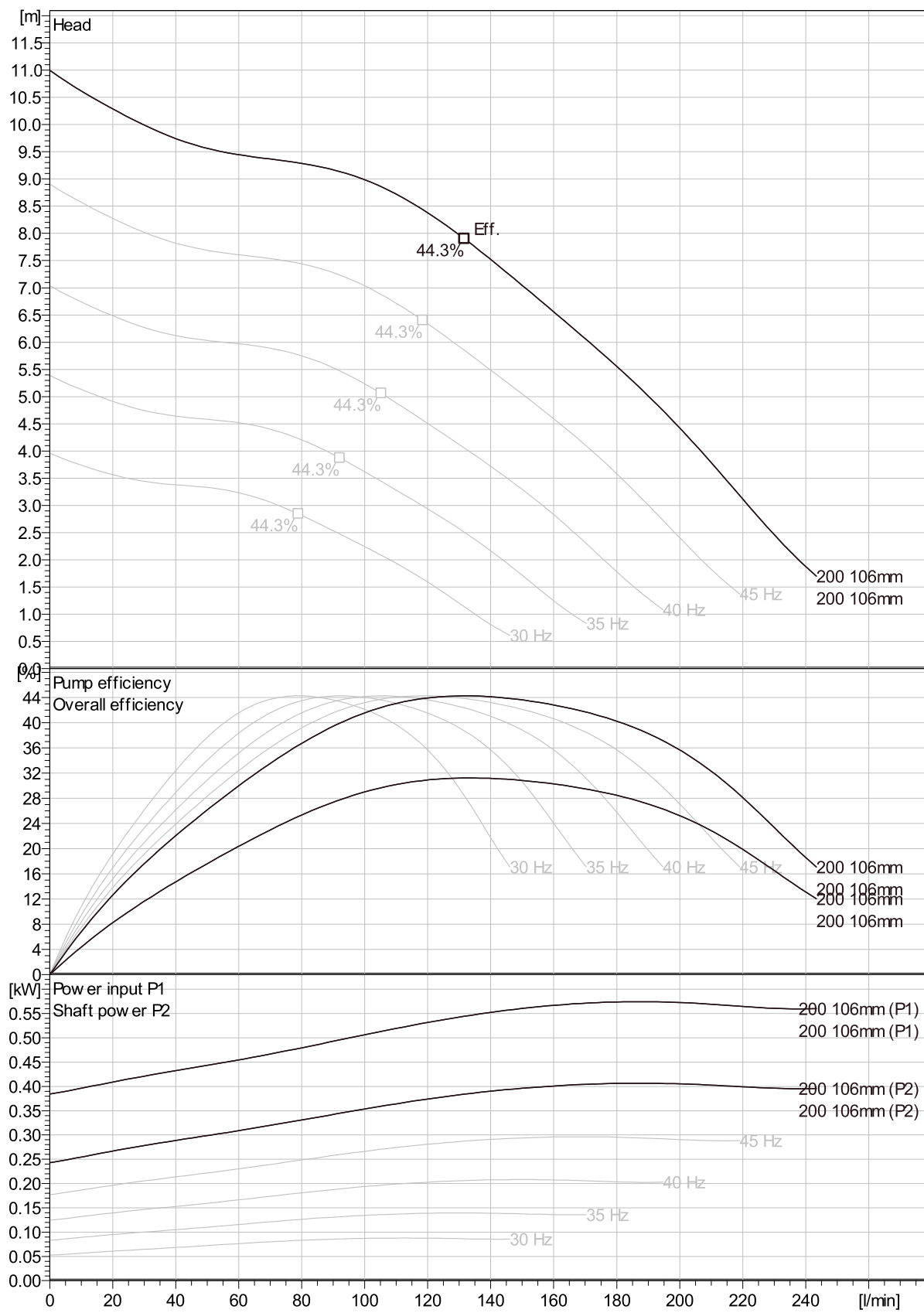
Power factor
1/1 Load 0.97
3/4 Load 0.93
1/2 Load 0.86
Motor efficiency
1/1 Load 70.7 %
3/4 Load 68.3 %
1/2 Load 59.7 %



Ready 4 MT 1~ 2p
Duty Analysis

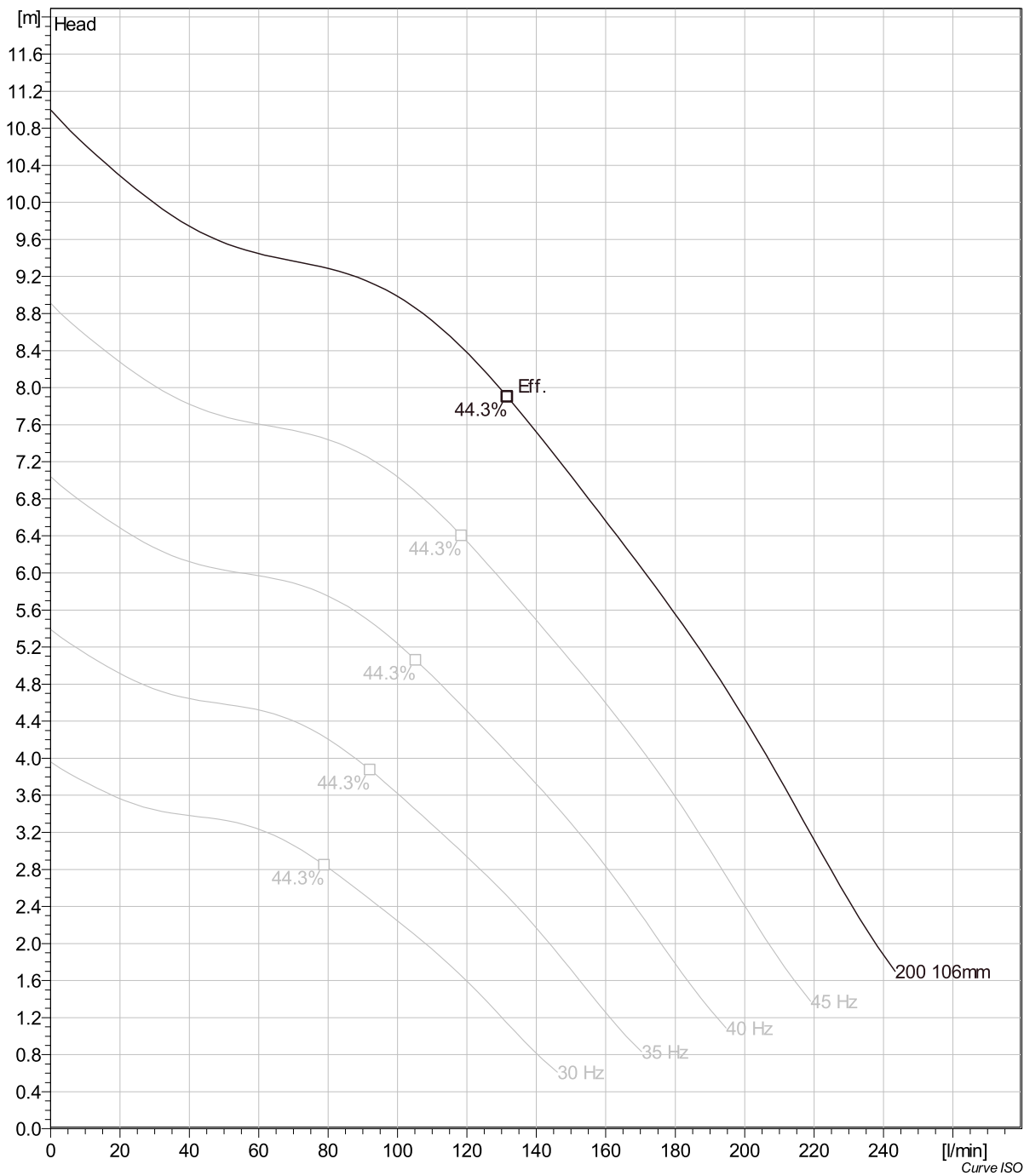


Ready 4 MT 1~ 2p VFD Curve



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Ready 4 MT 1~ 2p
VFD Analysis



Project

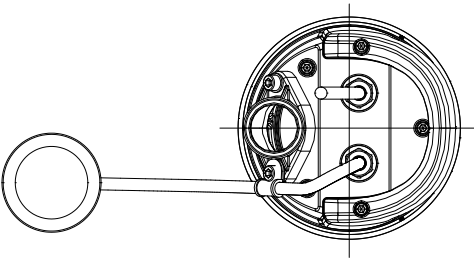
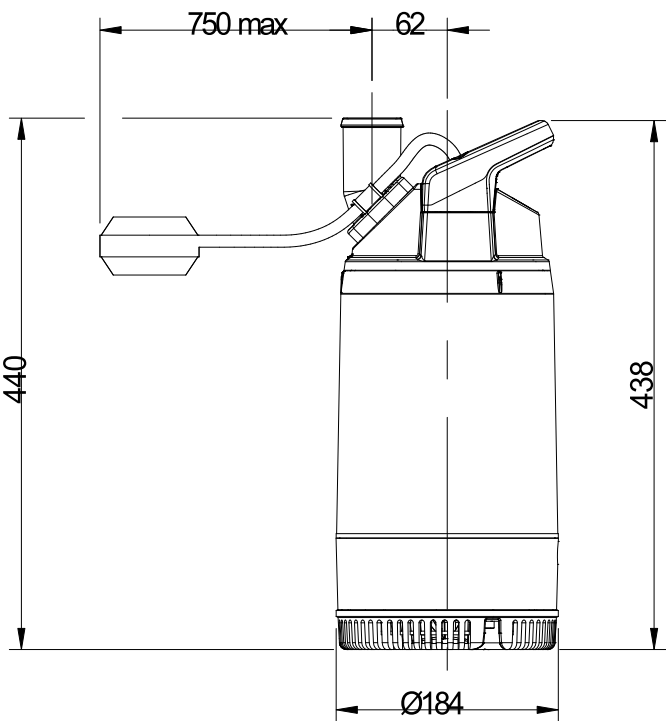
Project ID

Created by

Created on
1/23/2018

Last update

Ready 4 MT 1~ 2p
Dimensional drawing



Weight

Screen opening 11x5

BS 2004.212

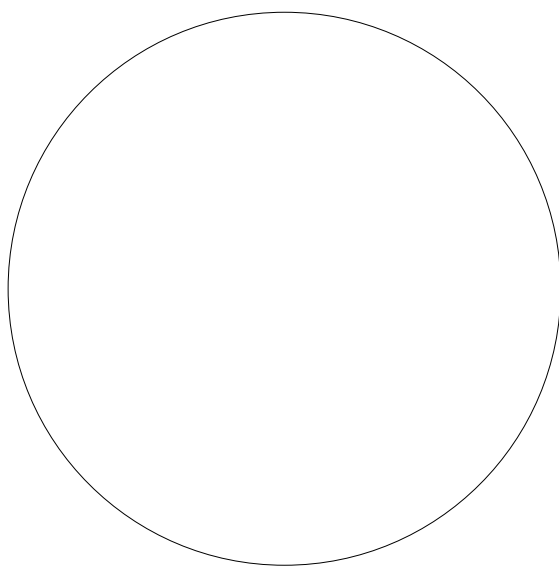
Project	Project ID	Created by	Created on	Last update
			1/23/2018	

Ready 4 MT 1~ 2p

Life cycle costs (LCC)

Total lifetime	15	Inflation rate (rate of price increases)	2 %
Annual operating time	5600	Interest rate (for investment)	3 %
Energy cost per kWh	0.00 GBP		
Power input P1			

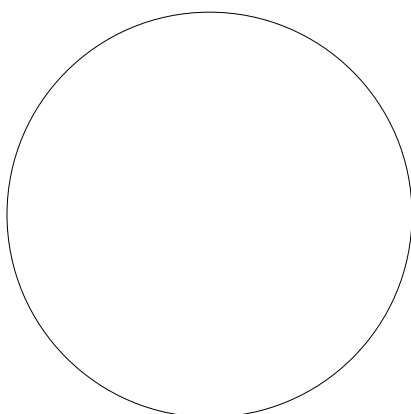
Total costs



GBP

0%	0.00 GBP	Energy
0%	0.00 GBP	Investment costs
0%	0.00 GBP	Installation & commissioning
0%	0.00 GBP	Operating cost
0%	0.00 GBP	Maintenance & repair
0%	0.00 GBP	Downtime
0%	0.00 GBP	Environmental
0%	0.00 GBP	Decommissioning

First year costs



GBP

0%	0.00 GBP	Energy (1st year)
0%	0.00 GBP	Investment costs (1st year)
0%	0.00 GBP	Installation & commissioning (1st year)
0%	0.00 GBP	Operating cost (1st year)
0%	0.00 GBP	Maintenance & repair (1st year)
0%	0.00 GBP	Downtime (1st year)
0%	0.00 GBP	Environmental (1st year)
0%	0.00 GBP	Decommissioning (1st year)

Disclaimer: The calculations and the results are based on user input values and general assumptions and provide only estimated costs for the input data. Xylem inc can therefore not guarantee that the estimated savings will actually occur.

Project	Project ID	Created by	Created on 1/23/2018	Last update
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