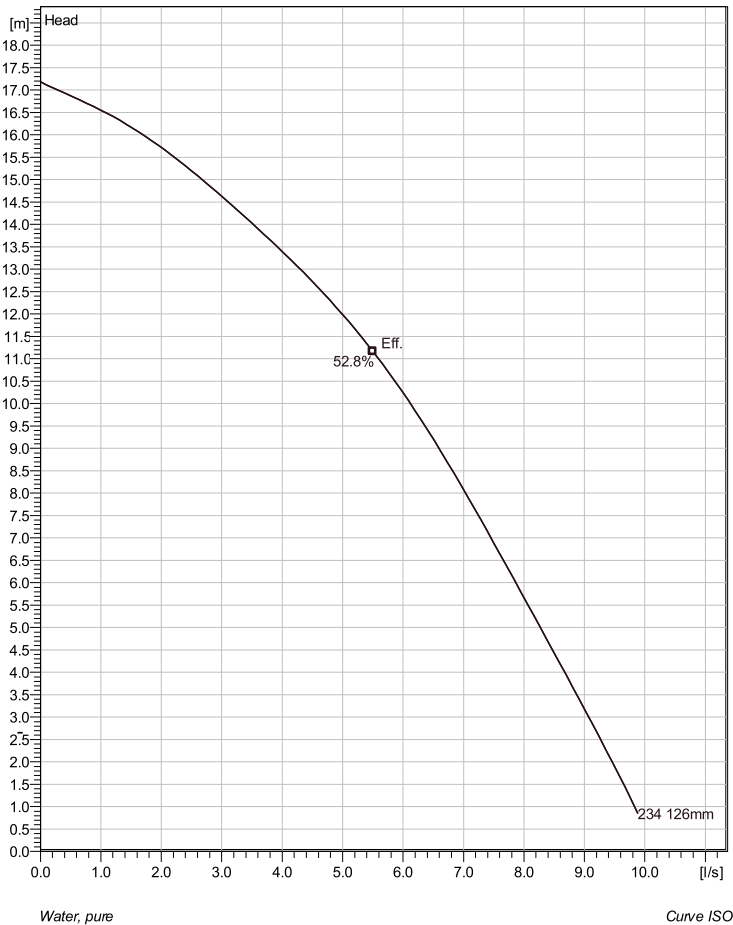


KS 2610 MT 3~ 234

Technical specification



Note: Picture might not correspond to the current configuration.

General

Portable pumps ideal for applications in which the water or liquid contains concentrations of abrasives when clogging problems can occur

Impeller

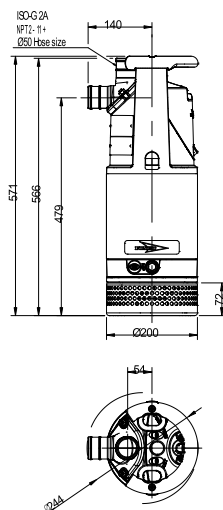
Impeller material	Hard-Iron
Discharge Flange Diameter	50 mm
Suction Flange Diameter	72 mm
Impeller diameter	126 mm
Number of blades	2

Motor

Motor #	K2610.172 13-06-2BB-W 1.2KW
Standard	
Stator variant	8
Frequency	50 Hz
Rated voltage	400 V
Number of poles	2
Phases	3~
Rated power	1.2 kW
Rated current	2.7 A
Starting current	12 A
Rated speed	2740 rpm
Power factor	
1/1 Load	0.87
3/4 Load	0.82
1/2 Load	0.70
Motor efficiency	
1/1 Load	75.1 %
3/4 Load	78.8 %
1/2 Load	79.8 %

Configuration

Installation: S - Portable Semi permanent, Wet



SCREEN OPENING 07.5

KS 2610.172 MT

Weight (kg)
Pump
21.5

Project	Project ID	Created by	Created on	Last update
			5/2/2018	

KS 2610 MT 3~ 234

Performance curve



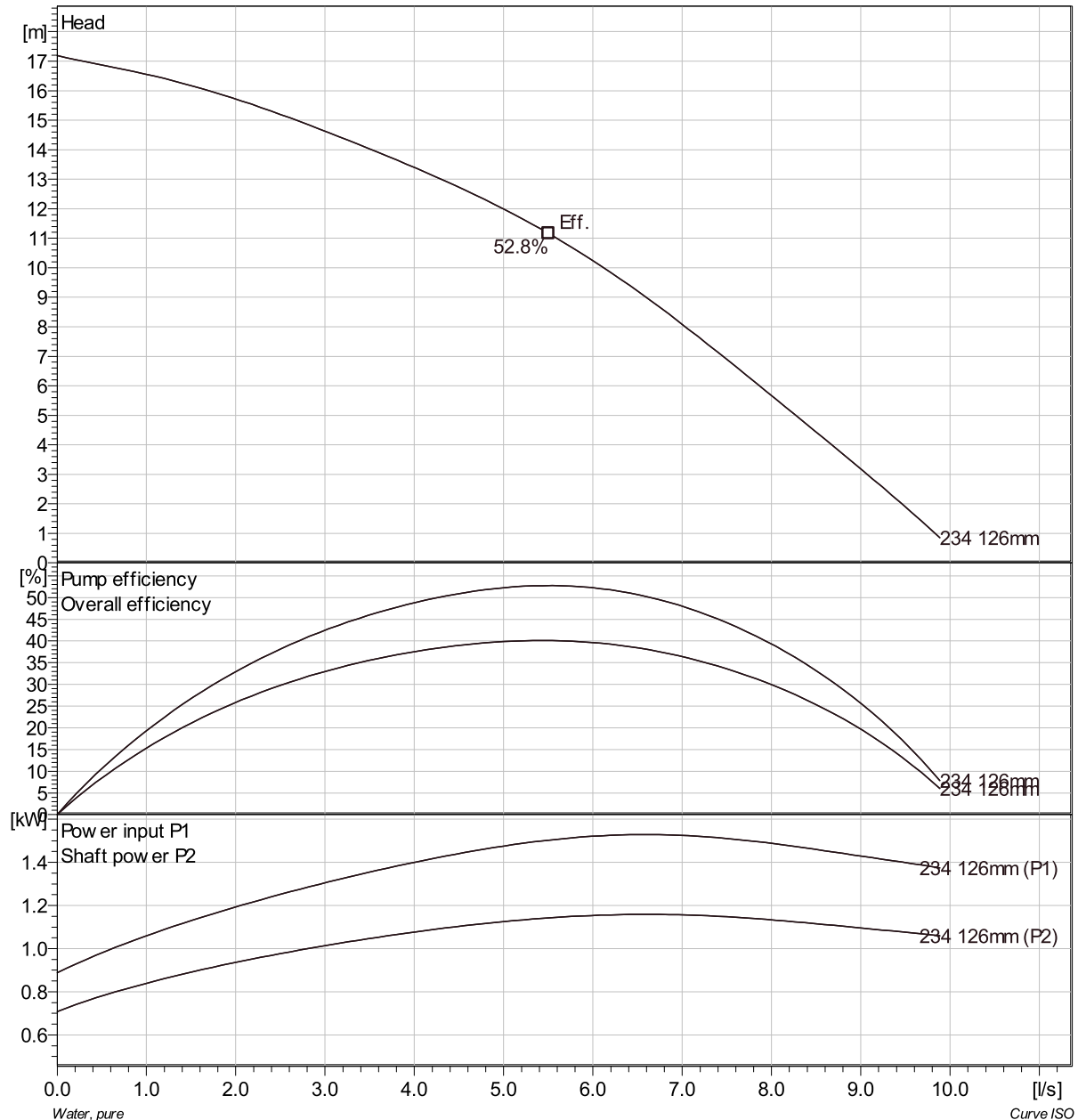
Pump

Discharge Flange Diameter 50 mm
Suction Flange Diameter 72 mm
Impeller diameter 126 mm
Number of blades 2

Motor

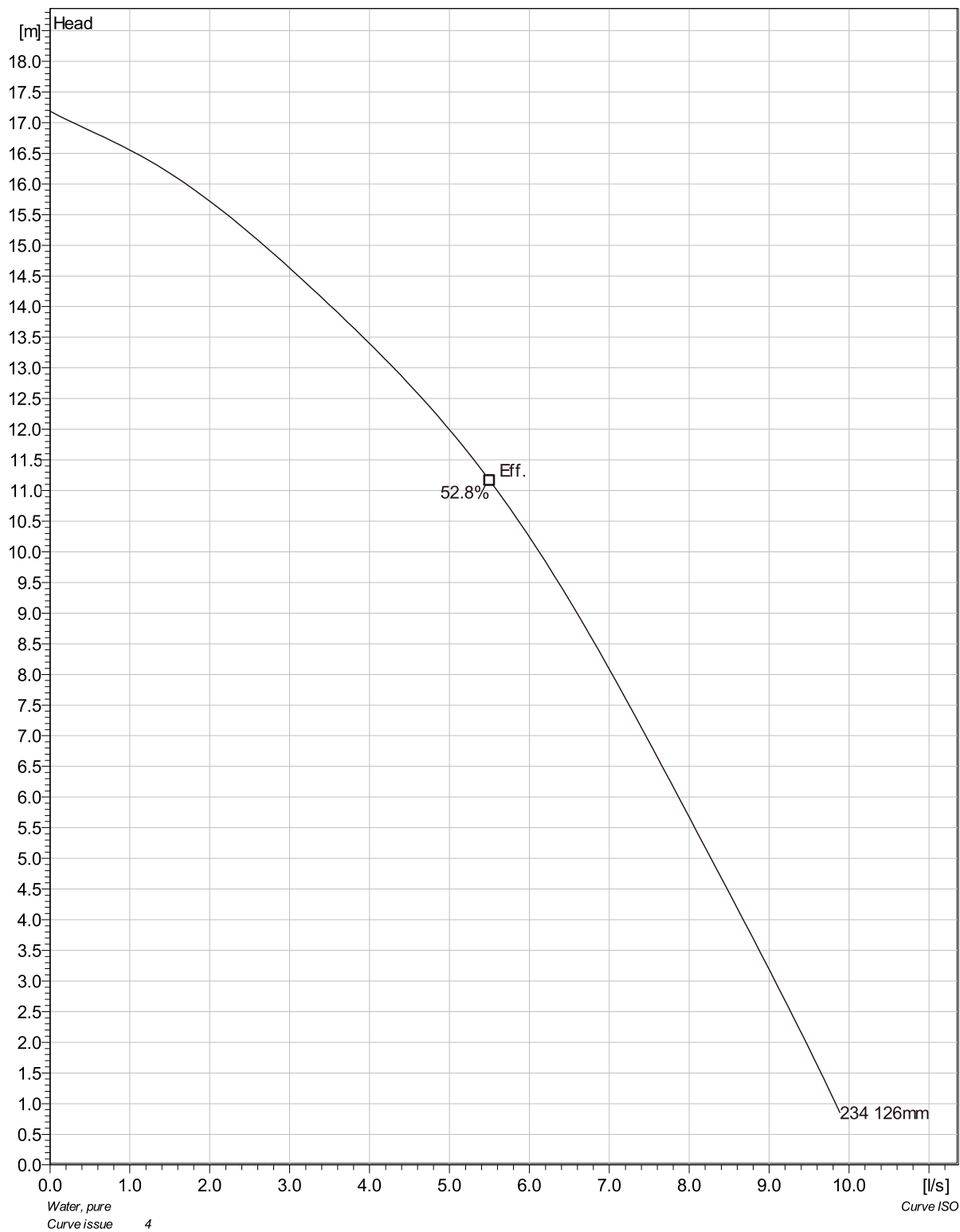
Motor # K2610.172 13-06-2BB-W 1.2KW
Stator variant 8
Frequency 50 Hz
Rated voltage 400 V
Number of poles 2
Phases 3~
Rated power 1.2 kW
Rated current 2.7 A
Starting current 12 A
Rated speed 2740 rpm

Power factor
1/1 Load 0.87
3/4 Load 0.82
1/2 Load 0.70
Motor efficiency
1/1 Load 75.1 %
3/4 Load 78.8 %
1/2 Load 79.8 %



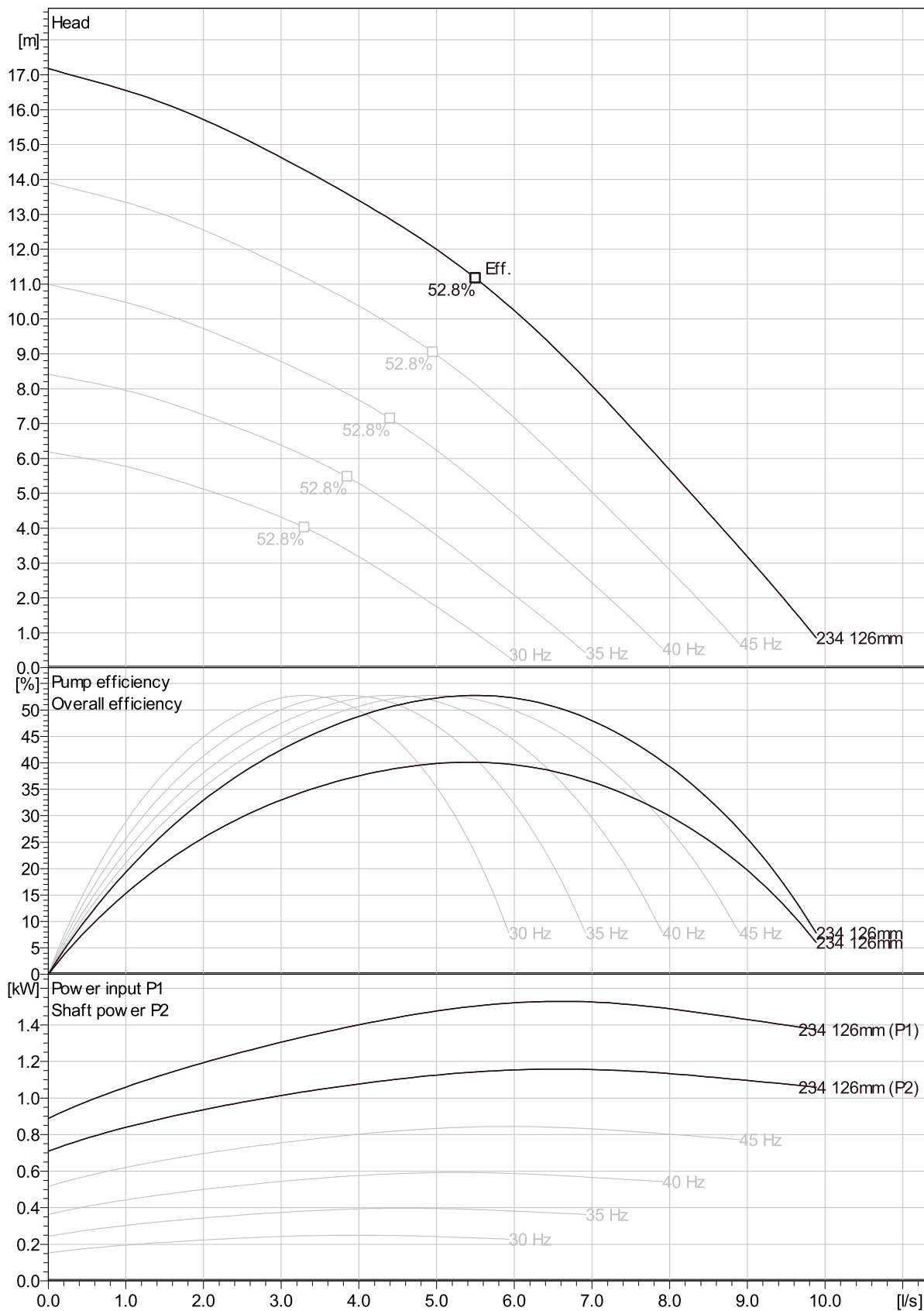
KS 2610 MT 3~ 234

Duty Analysis



Project	Project ID	Created by	Created on 5/2/2018	Last update
---------	------------	------------	------------------------	-------------

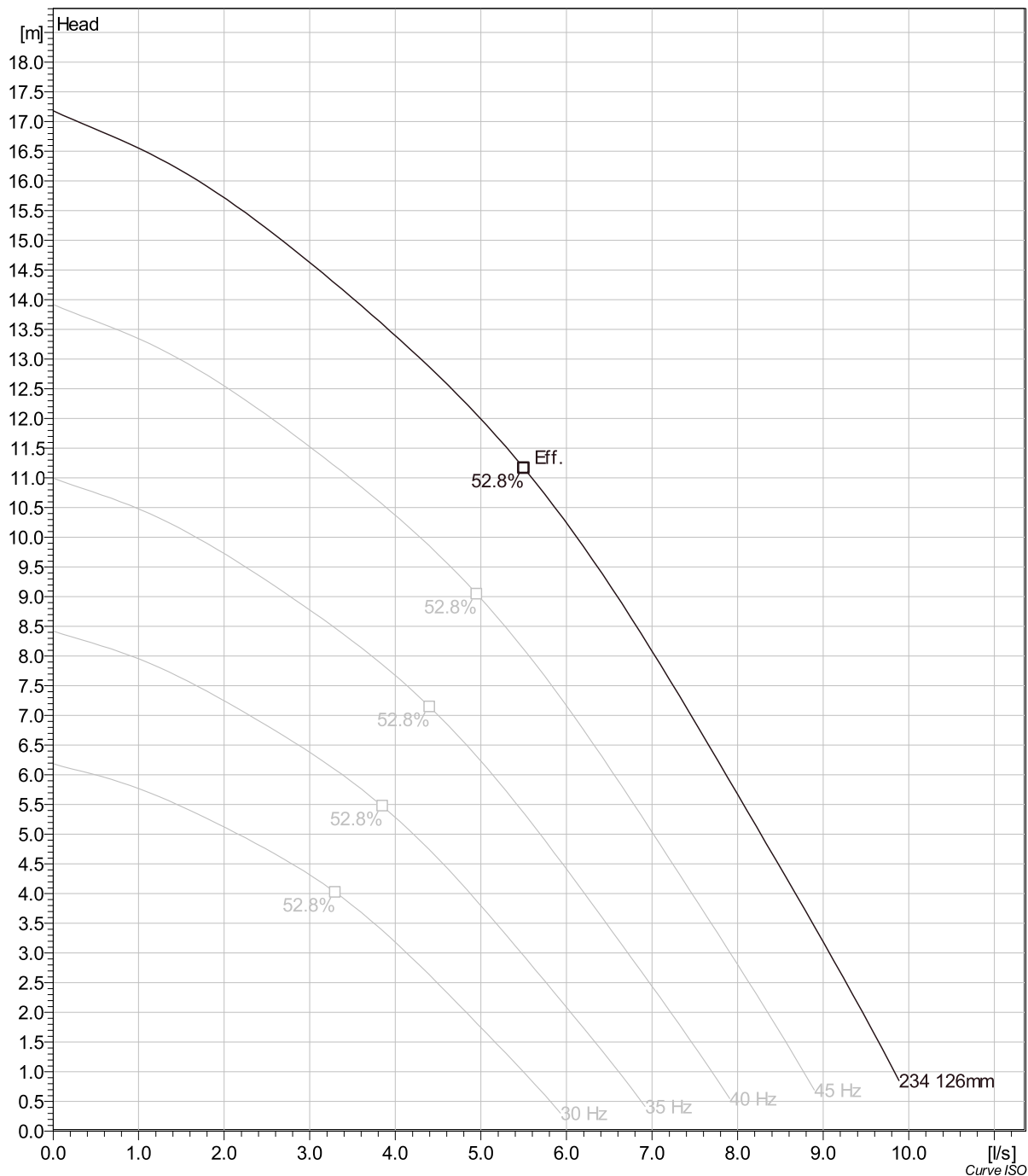
KS 2610 MT 3~ 234 VFD Curve



Curve ISO

Project	Project ID	Created by	Created on 5/2/2018	Last update
---------	------------	------------	------------------------	-------------

KS 2610 MT 3~ 234
VFD Analysis



Project

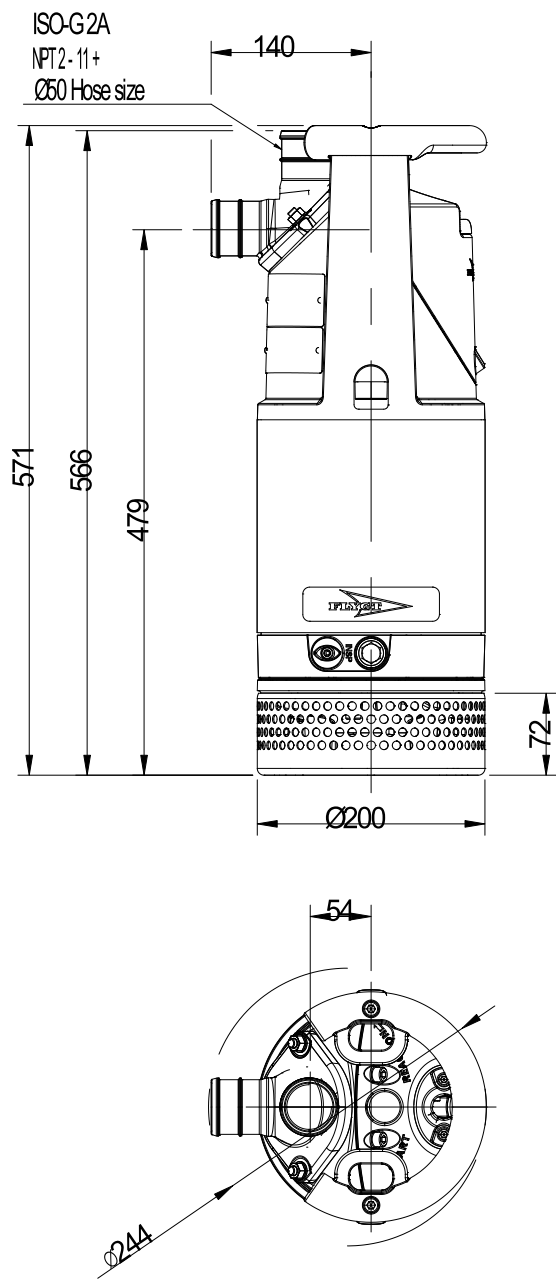
Project ID

Created by

Created on
5/2/2018

Last update

KS 2610 MT 3~ 234
Dimensional drawing



SCREEN OPENING Ø7.5

KS 2610.172 MT

Weight (kg)
Pump
21.5

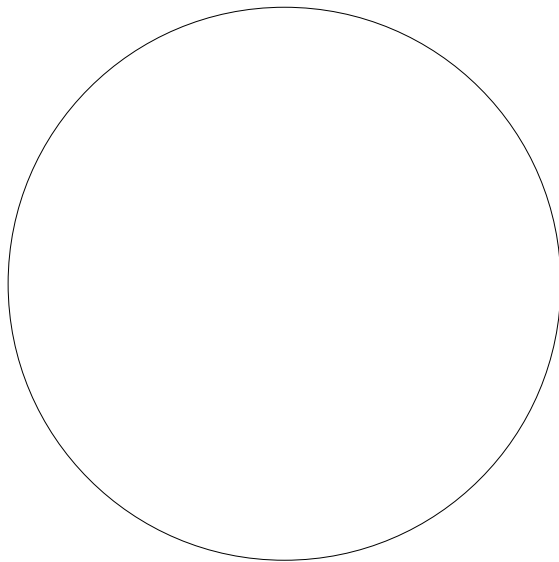
Project	Project ID	Created by	Created on	Last update
			5/2/2018	

KS 2610 MT 3~ 234

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 USD		
Power input P1			

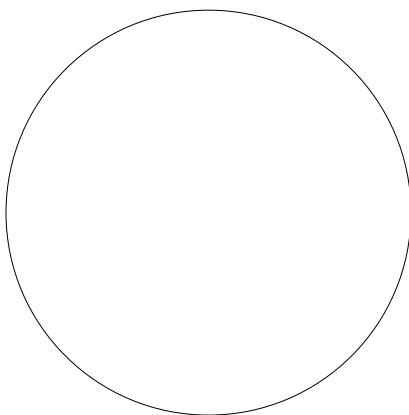
Total costs



USD

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

First year costs



USD

0%	0.00 USD	Energy (1st year)
0%	0.00 USD	Investment costs (1st year)
0%	0.00 USD	Installation & commissioning (1st year)
0%	0.00 USD	Operating cost (1st year)
0%	0.00 USD	Maintenance & repair (1st year)
0%	0.00 USD	Downtime (1st year)
0%	0.00 USD	Environmental (1st year)
0%	0.00 USD	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 5/2/2018	Last update
---------	------------	------------	------------------------	-------------