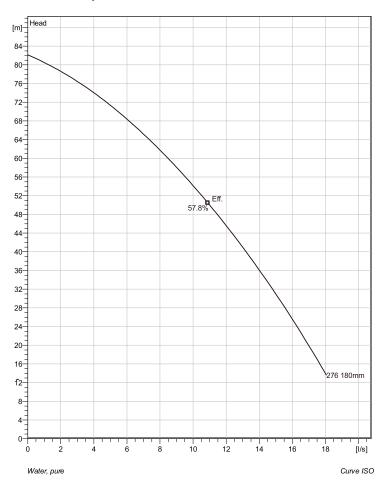
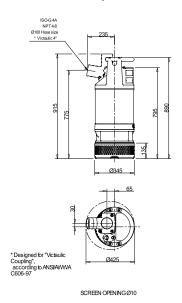


# **Technical specification**



# Installation: S - Portable Semi permanent, Wet



BS 2660.181 SH





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.

#### Impeller

Impeller material
Discharge Flange Diameter
Suction Flange Diameter
Impeller diameter
Number of blades Hard-Iron 100 mm 100 mm 180 mm 3

#### Motor

Motor #	B2660.181 18-15-2BB-W 10KW Standard
Stator v ariant Frequency Frequency Number of poles Phases Rated power Rated current Starting current Rated speed	2 50 Hz 400 V 2 3~ 10 kW 19 A 119 A 2870 rpm
Power factor	2070 15111
1/1 Load 3/4 Load 1/2 Load	0.87 0.82 0.71
Motor efficiency	
1/1 Load	85.8 %
3/4 Load 1/2 Load	87.4 % 87.6 %
	67.0 %

#### Configuration

Project	Project ID	Created by	Created on	Last update
Toject	1 Toject ID	Created by	Created on	Last update
			7/6/2018	



# Performance curve

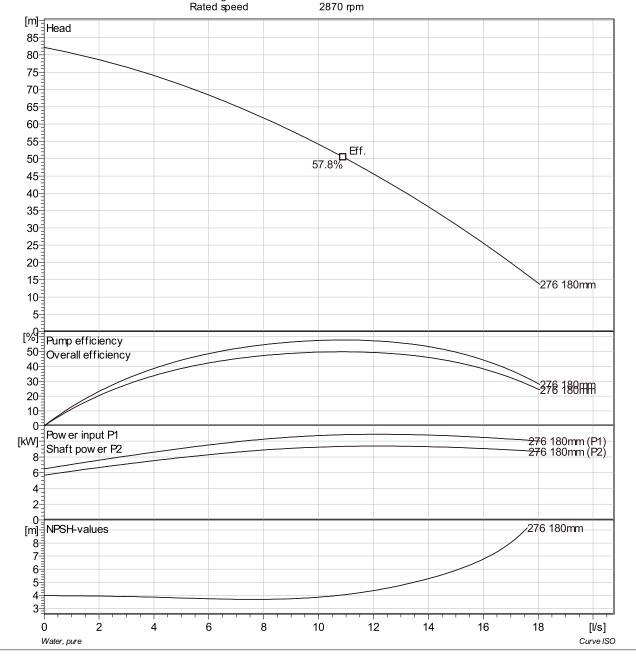
**Pump** 

Discharge Flange Diameter Suction Flange Diameter 100 mm 100 mm 180 mm Impeller diameter Number of blades

#### Motor

Motor#	B2660.181 18-15-2BB-W 10KW	Power factor	
		1/1 Load	0.87
Stator variant	2	3/4 Load	0.82
Frequency Rated voltage	50 Hz 400 V	1/2 Load	0.71
Number of poles	2	Motor efficie	ncy
Phases	3~	1/1 Load	85.8 %
Rated power	10 kW	3/4 Load	87.4 %
Rated current	19 A	3/4 LUau	07.4 /0

FLYGT

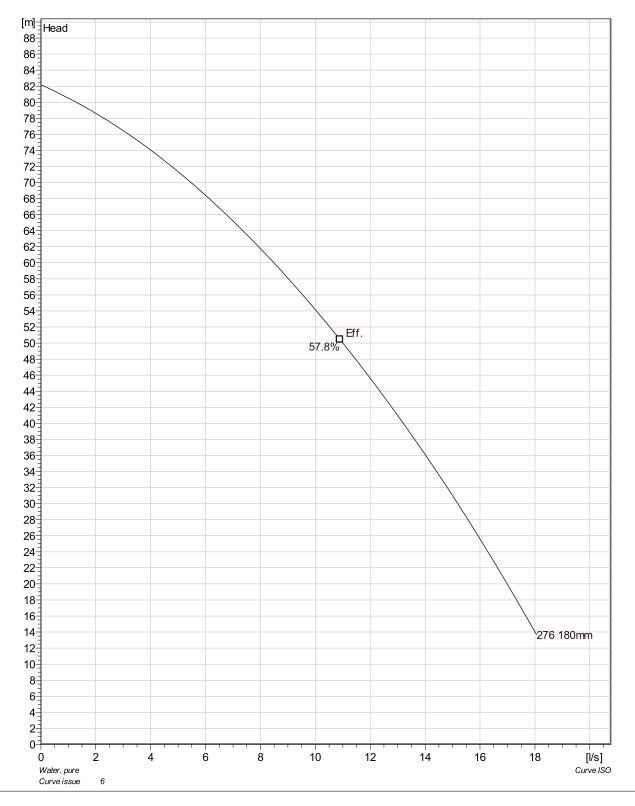


Project	Project ID	Created by	Created on	Last update
			7/6/2018	



# **Duty Analysis**



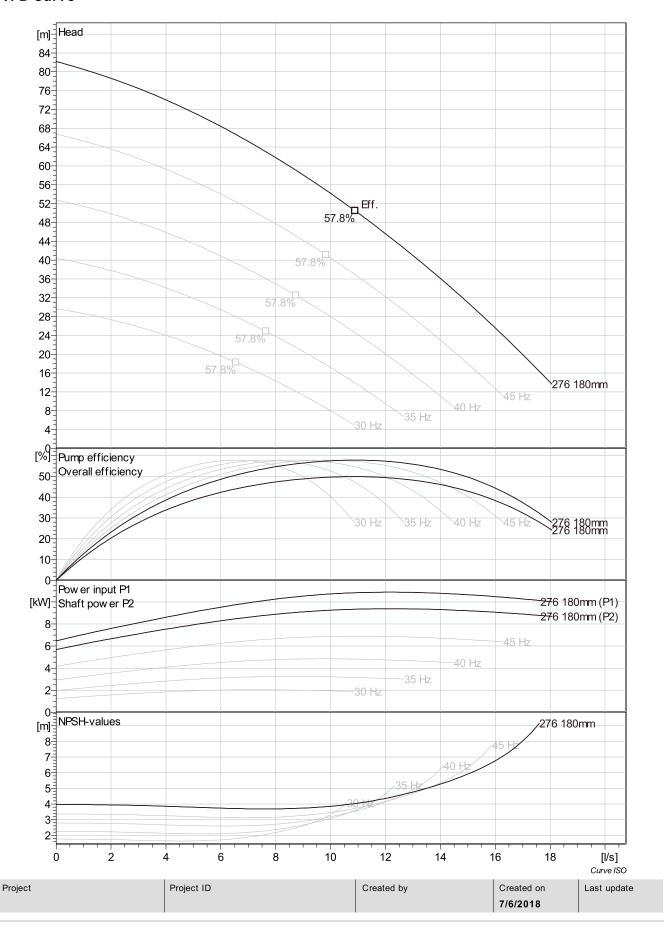


Project	Project ID	Created by	Created on	Last update
			7/6/2018	





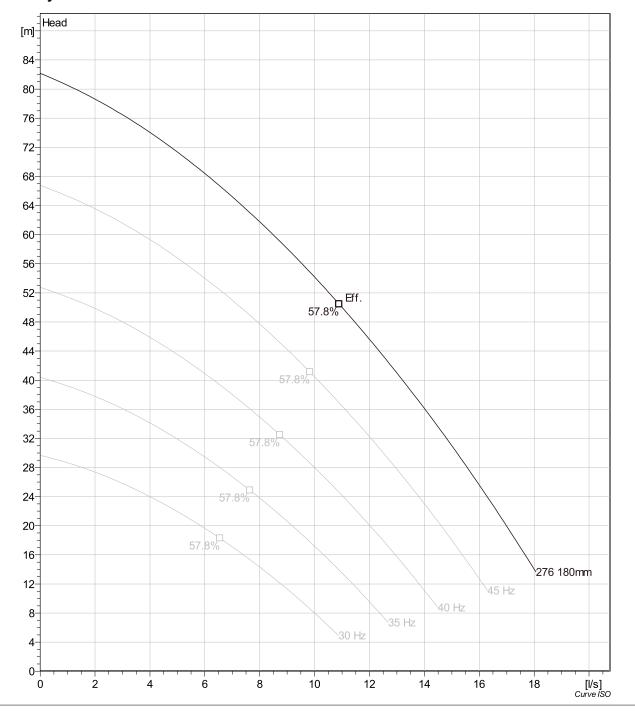
VFD Curve





# FLYGT

# **VFD Analysis**

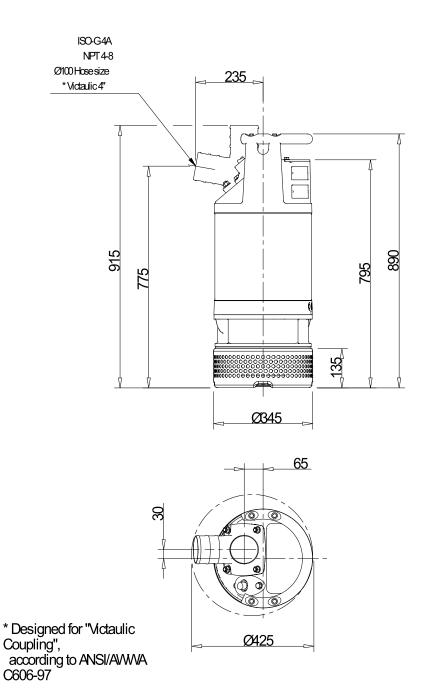


Project	Project ID	Created by	Created on	Last update
			7/6/2018	



**Dimensional drawing** 





# SCREEN OPENING Ø10

Weight (kg)	
Total	
96	

BS 2660.181 SH

Project	Project ID	Created by	Created on	Last update
			7/6/2018	



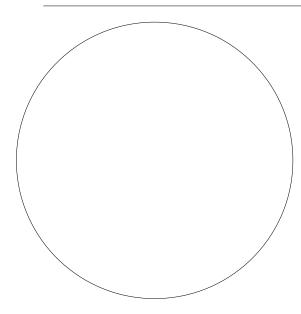
### Life cycle costs (LCC)

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



0% 0.00 USD Energy

0% 0.00 USD Investment costs

0.00 USD Installation & commissioning

0.00 USD Operating cost

0% 0.00 USD Maintenance & repair

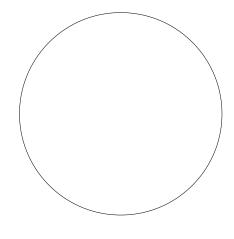
0% 0.00 USD Downtime

0% 0.00 USD Environmental

0% 0.00 USD Decommissioning

**USD** 

#### First year costs



0% 0.00 USD Energy (1st year)

**0.00 USD** Investment costs (1st year)

0% 0.00 USD Installation & commissioning (1st year)

0.00 USD Operating cost (1st year)

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)

USD

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

Project	Project ID	Created by	Created on	Last update
			7/6/2018	