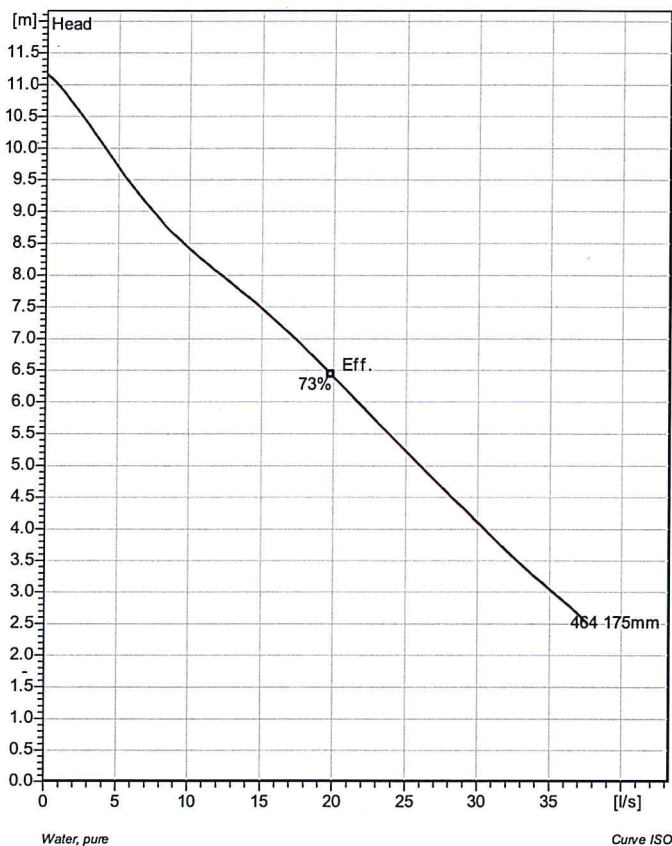


## NS 3085 MT 3~ 464

### Technical specification



Note: Picture might not correspond to the current configuration.

#### General

Patented self cleaning semi-open channel impeller, ideal for pumping in most waste water applications. Possible to be upgraded with Guide-pin® for even better clogging resistance. Modular based design with high adaptation grade.

#### Impeller

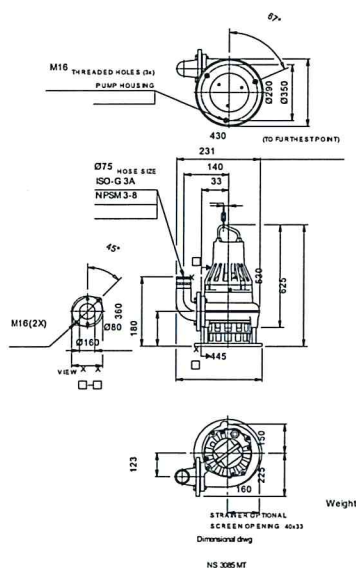
Impeller material	Hard-Iron™
Discharge Flange Diameter	80 mm
Inlet diameter	80 mm
Impeller diameter	175 mm
Number of blades	2

#### Motor

Motor #	N3085.183 15-10-4AL-W 2KW
Stator variant	62
Frequency	50 Hz
Rated voltage	400 V
Number of poles	4
Phases	3~
Rated power	2 kW
Rated current	4.8 A
Starting current	24 A
Rated speed	1405 1/min
Power factor	
1/1 Load	0.79
3/4 Load	0.71
1/2 Load	0.59
Efficiency	
1/1 Load	75.5 %
3/4 Load	77.0 %
1/2 Load	75.0 %

#### Configuration

Installation: S - Portable Semi permanent, Wet



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## NS 3085 MT 3~ 464

### Performance curve



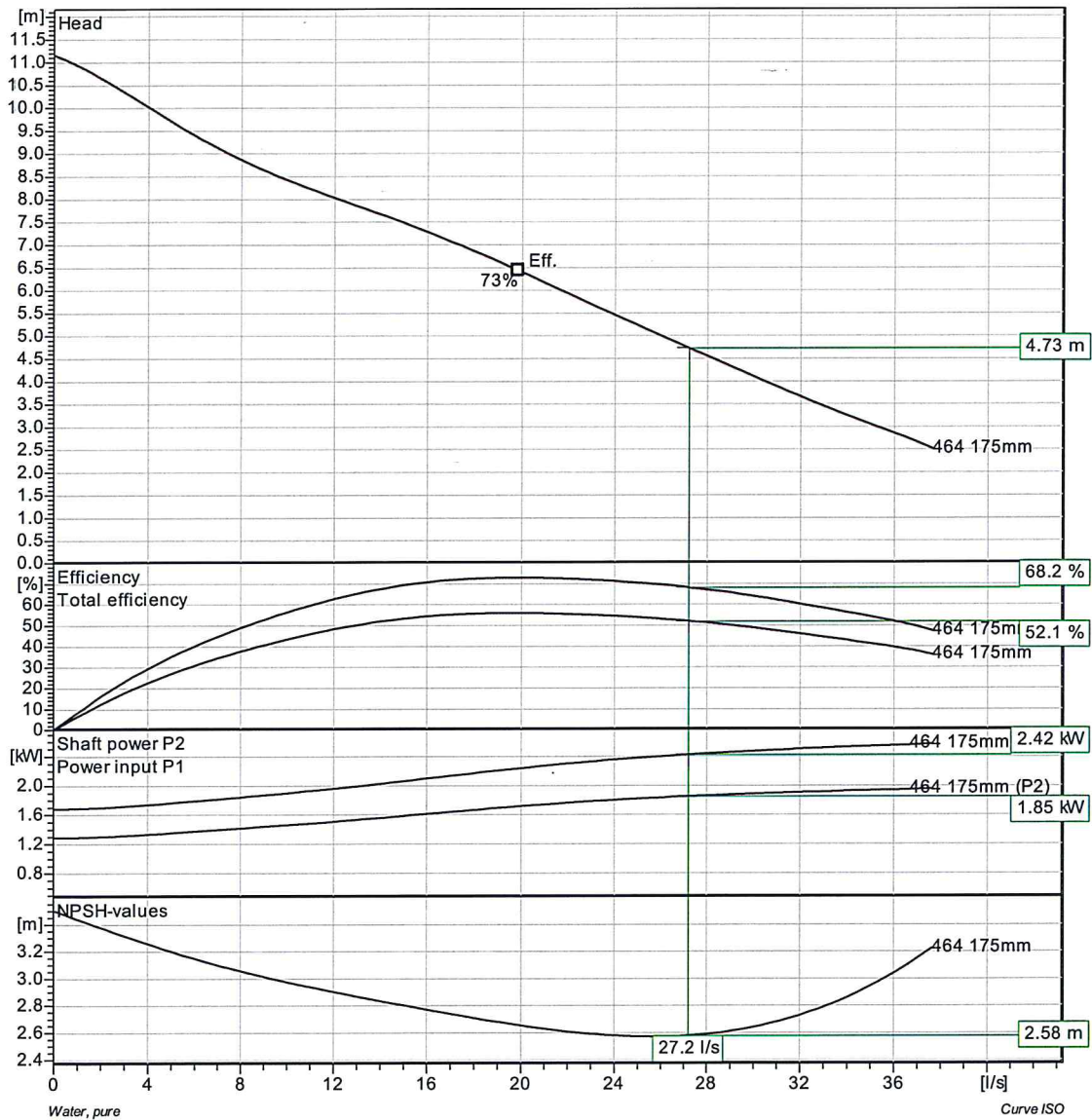
#### Pump

Discharge Flange Diameter 80 mm  
Inlet diameter 80 mm  
Impeller diameter 175 mm  
Number of blades 2

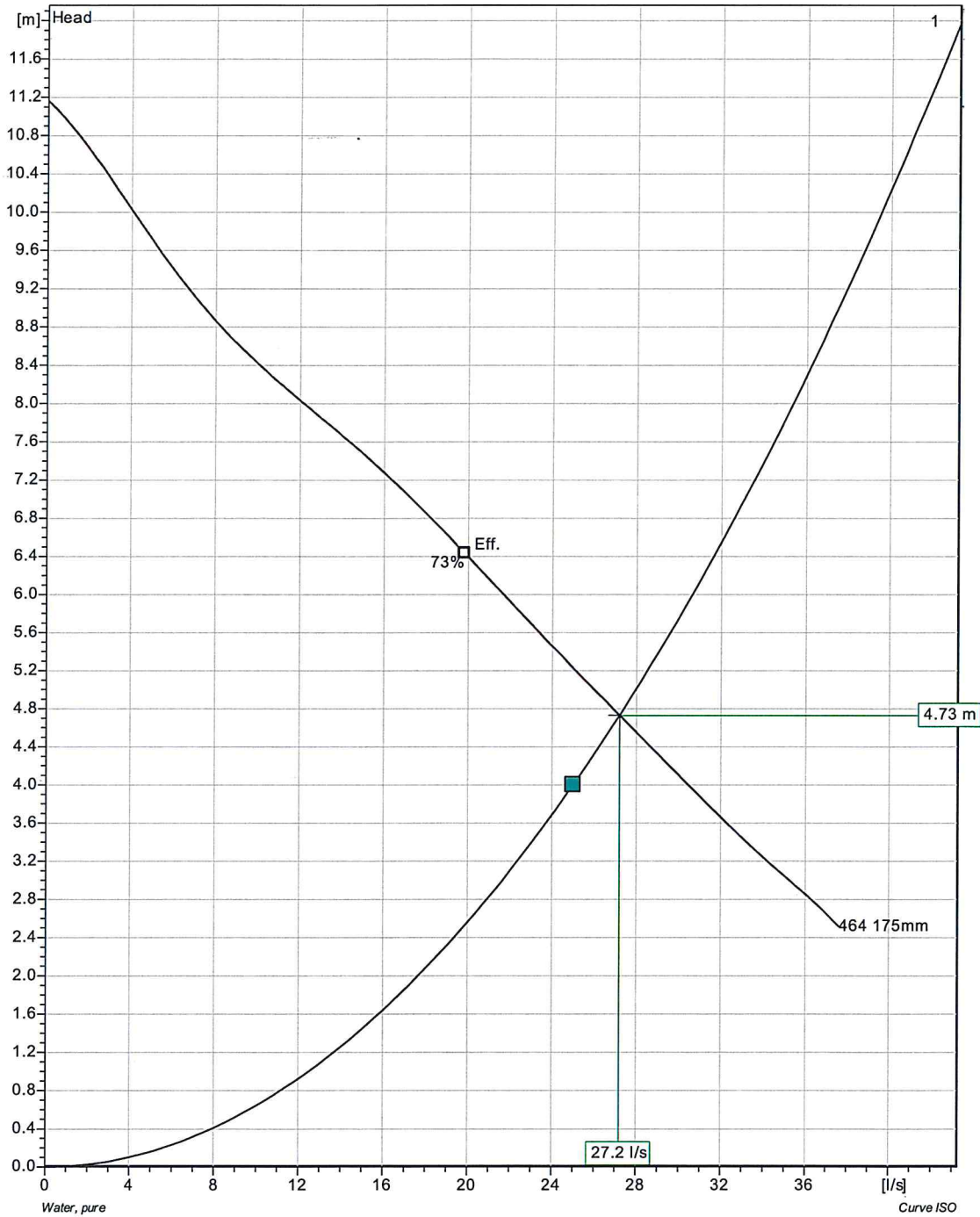
#### Motor

Motor # N3085.183 15-10-4AL-W 2KW  
Stator variant 62  
Frequency 50 Hz  
Rated voltage 400 V  
Number of poles 4  
Phases 3~  
Rated power 2 kW  
Rated current 4.8 A  
Starting current 24 A  
Rated speed 1405 1/min

Power factor  
1/1 Load 0.79  
3/4 Load 0.71  
1/2 Load 0.59  
Efficiency  
1/1 Load 75.5 %  
3/4 Load 77.0 %  
1/2 Load 75.0 %



## NS 3085 MT 3~ 464 Duty Analysis

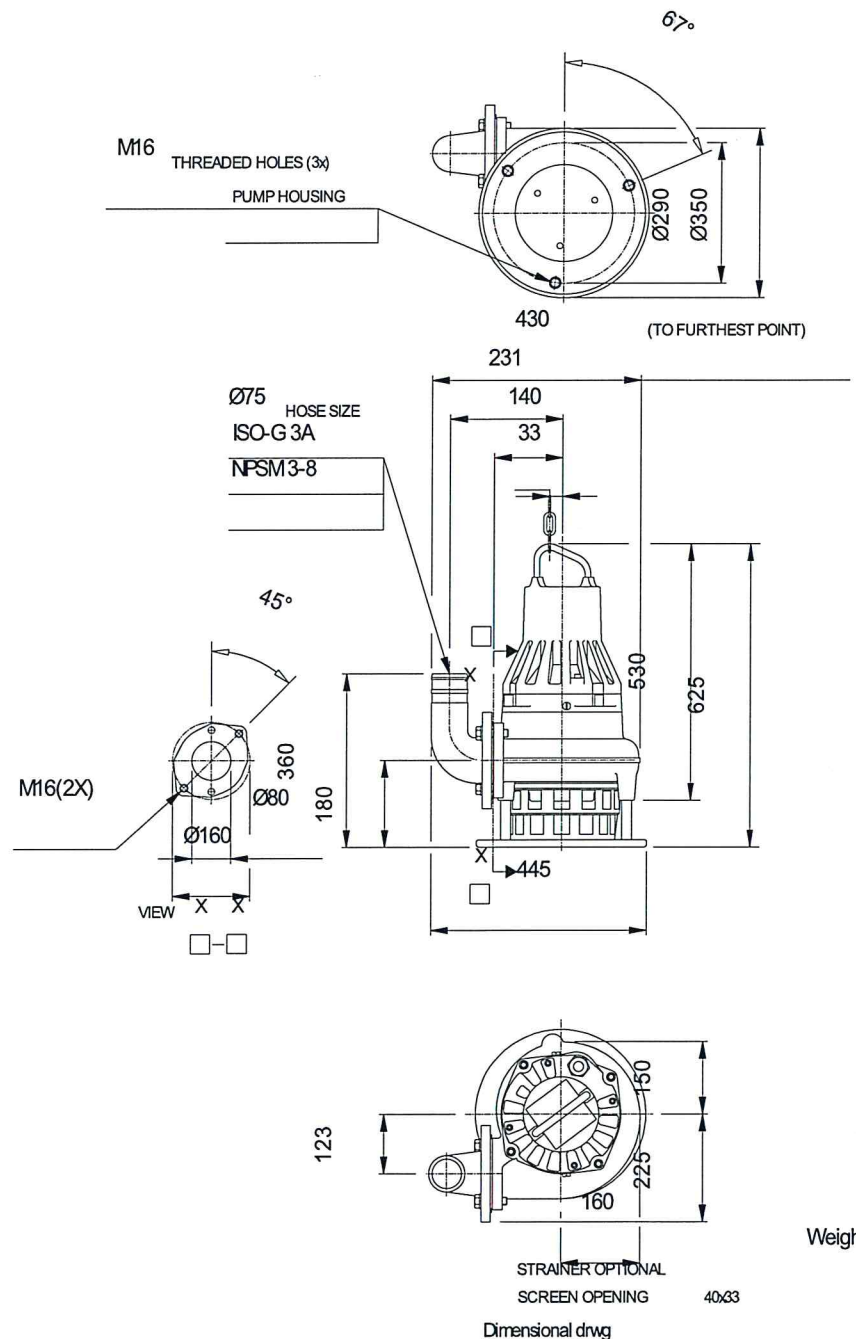


Pumps running /System	Individual pump			Total					
	Flow	Head	Shaft power	Flow	Head	Shaft power	Pump eff.	Specific energy	NPSH <sub>re</sub>
1	27.2 l/s	4.73 m	1.85 kW	27.2 l/s	4.73 m	1.85 kW	68.2 %	0.0247 kWh/m <sup>3</sup>	2.58 m

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## NS 3085 MT 3~ 464

Dimensional drawing



Weight

Dimensional drwg

NS 3085 MT

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