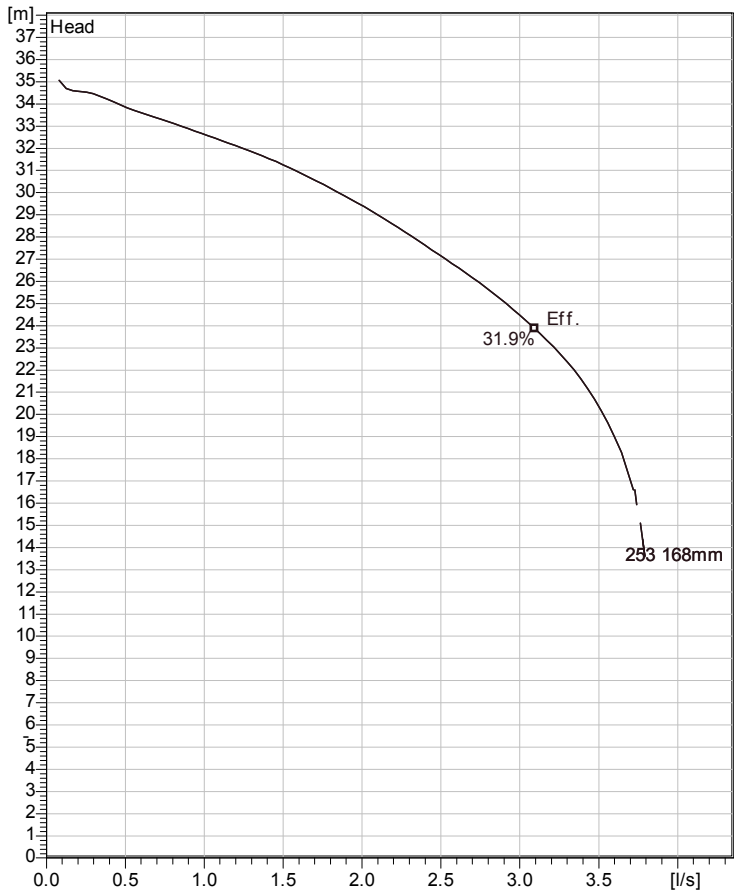


**MF 3085 HT 3~ 253**  
Technical specification



Curve according to: ISO 9906



Note: Picture might not correspond to the current configuration.

**General**

Semi-open multi-channel impellers with integral grinder cutter in single volute casing for liquids containing solids and fibres.

**Impeller**

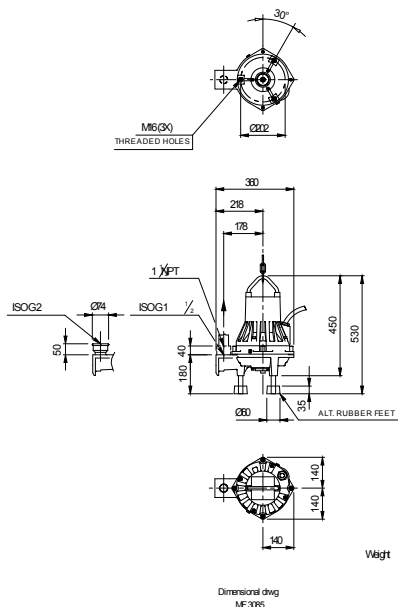
Impeller material	Grey cast iron
Outlet width	40 mm
Inlet diameter	80 mm
Impeller diameter	168 mm
Number of blades	6

**Motor**

Motor #	M3085.172 15-09-2AL-W 2,4KW
Stator variant	
Frequency	50 Hz
Rated voltage	230 V
Number of poles	2
Phases	3~
Rated power	2.4 kW
Rated current	8.1 A
Starting current	48 A
Rated speed	2840 rpm
Power factor	
1/1 Load	0.92
3/4 Load	0.89
1/2 Load	0.82
Efficiency	
1/1 Load	80.5 %
3/4 Load	82.5 %
1/2 Load	82.0 %

**Configuration**

Installation: F - Free standing Semi permanent, Wet



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# MF 3085 HT 3~ 253

## Performance curve

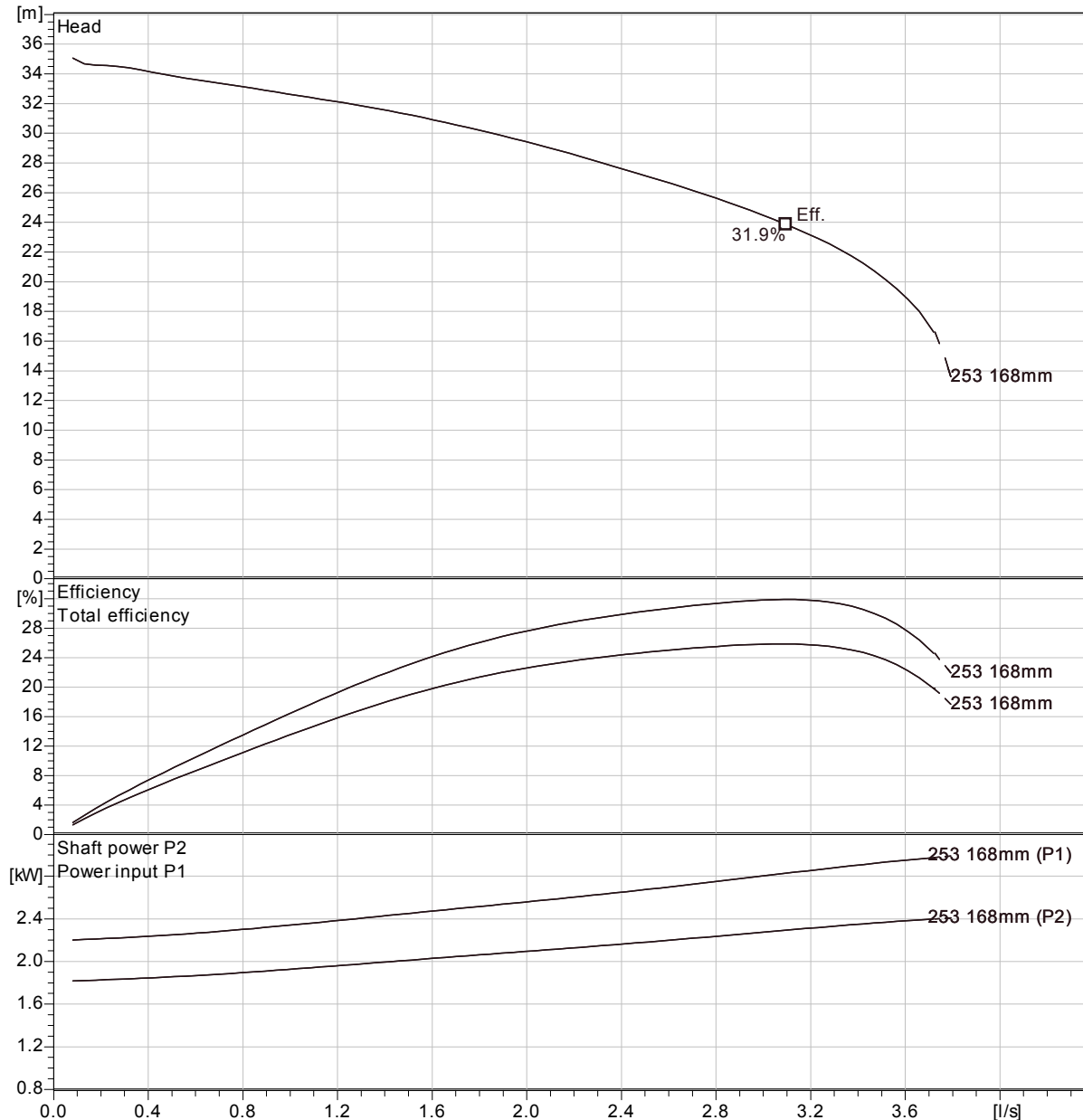
### Pump

Outlet width	40 mm
Inlet diameter	80 mm
Impeller diameter	168 mm
Number of blades	6

### Motor

Motor #	M3085.172 15-09-2AL-W 2,4KW
Stator variant	
Frequency	50 Hz
Rated voltage	230 V
Number of poles	2
Phases	3~
Rated power	2.4 kW
Rated current	8.1 A
Starting current	48 A
Rated speed	2840 rpm

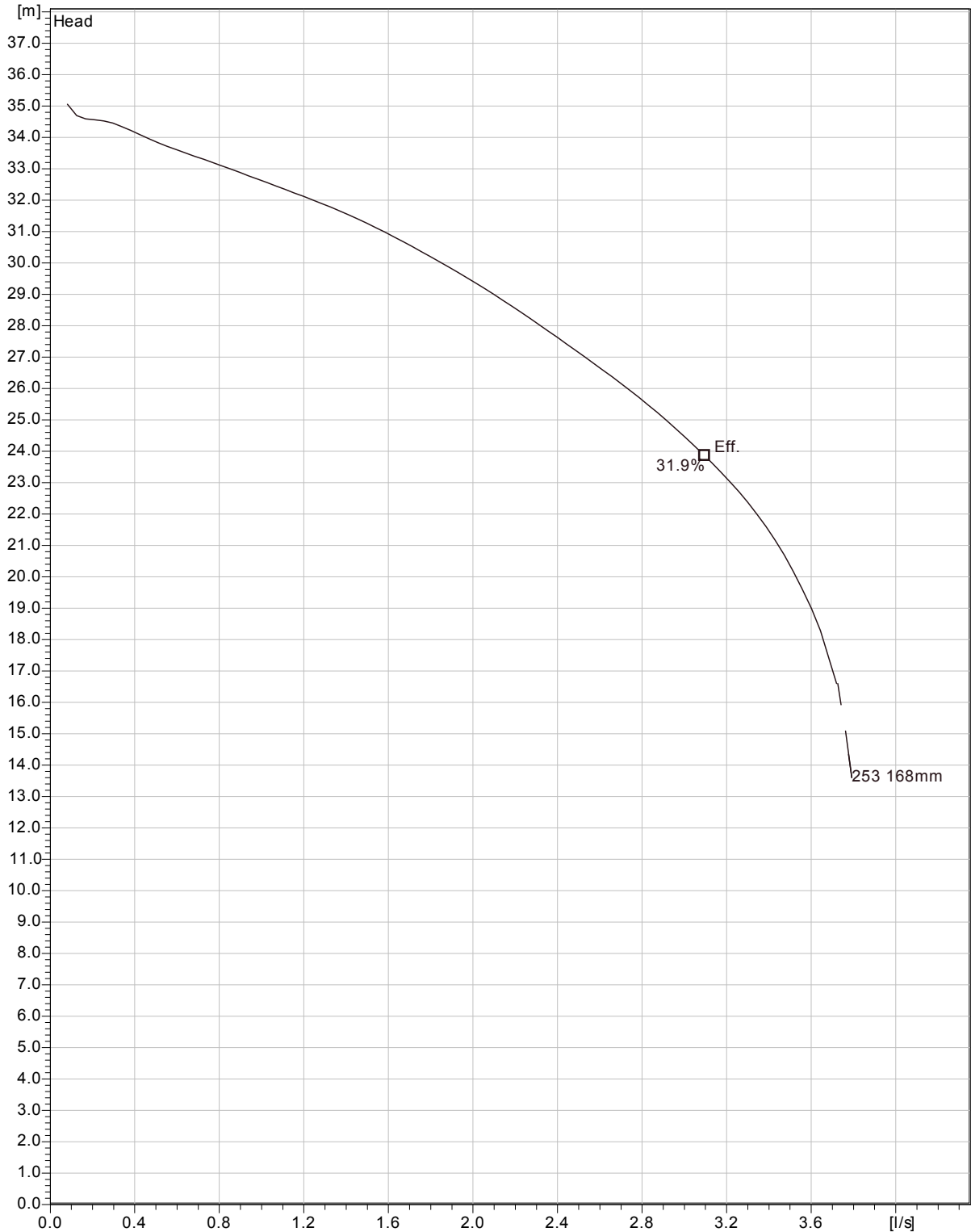
Power factor	
1/1 Load	0.92
3/4 Load	0.89
1/2 Load	0.82
Efficiency	
1/1 Load	80.5 %
3/4 Load	82.5 %
1/2 Load	82.0 %



Curve according to: ISO 9906

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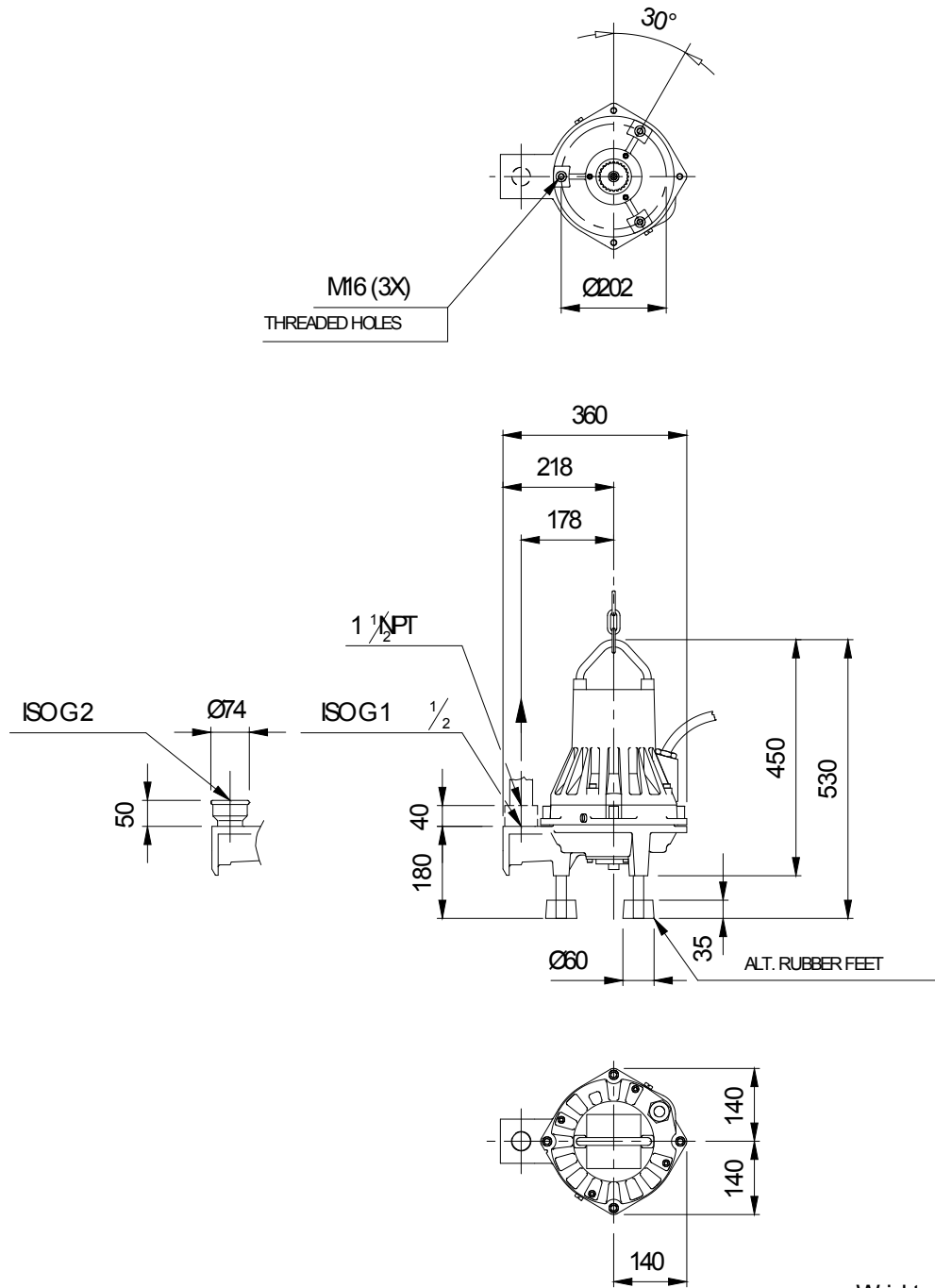
**MF 3085 HT 3~ 253**  
Duty Analysis



Curve according to: ISO 9906

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**MF 3085 HT 3~ 253**  
Dimensional drawing



Weight

Dimensional dwg  
MF 3085

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			2012-10-25	