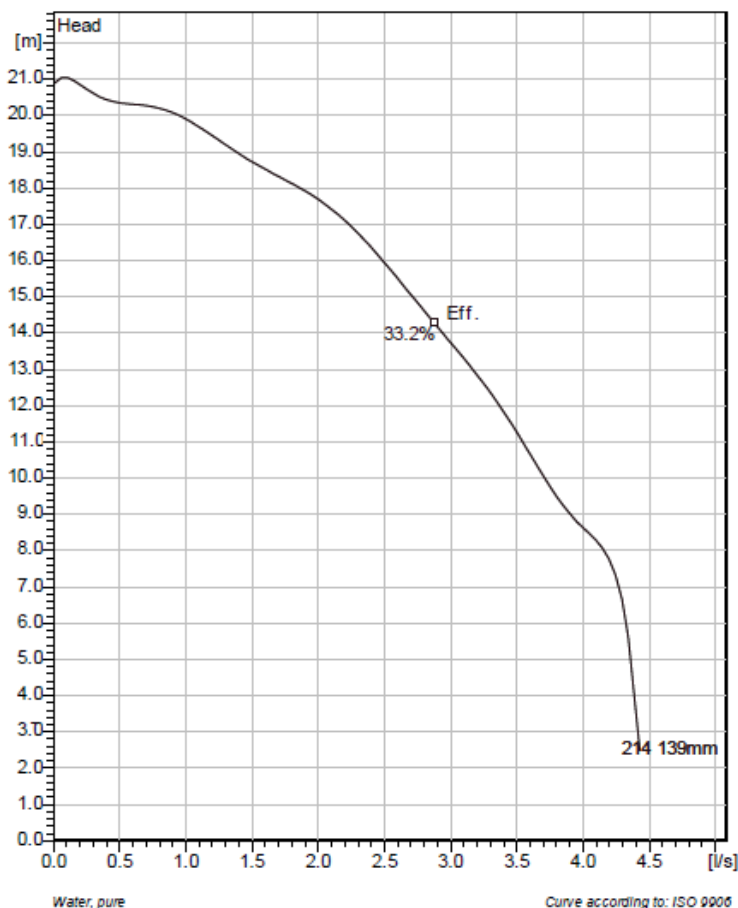


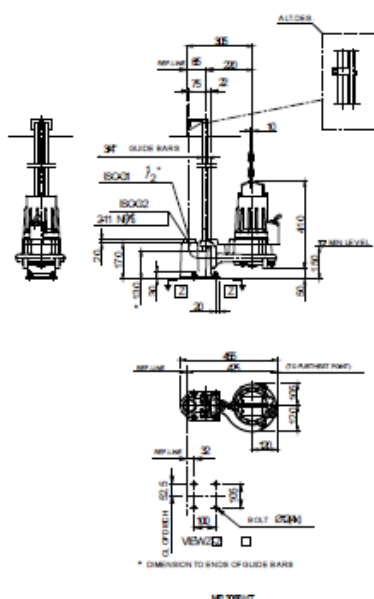


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Technical specification



Installation: P - Semi permanent, Wet



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	40 mm
Impeller diameter	139 mm
Number of blades	10
Throughlet diameter	6 mm

Motor

Motor #	M3068.170 13-10-2BY-W 1.5KW
Stator variant	1
Frequency	50 Hz
Rated voltage	220 V
Number of poles	2
Phases	1~
Rated power	1.5 kW
Rated current	9.4 A
Starting current	31 A
Rated speed	2695 1/min
Power factor	
1/1 Load	1.00
3/4 Load	1.00
1/2 Load	1.00
Efficiency	
1/1 Load	72.5 %
3/4 Load	75.0 %
1/2 Load	71.5 %

Configuration

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Performance curve



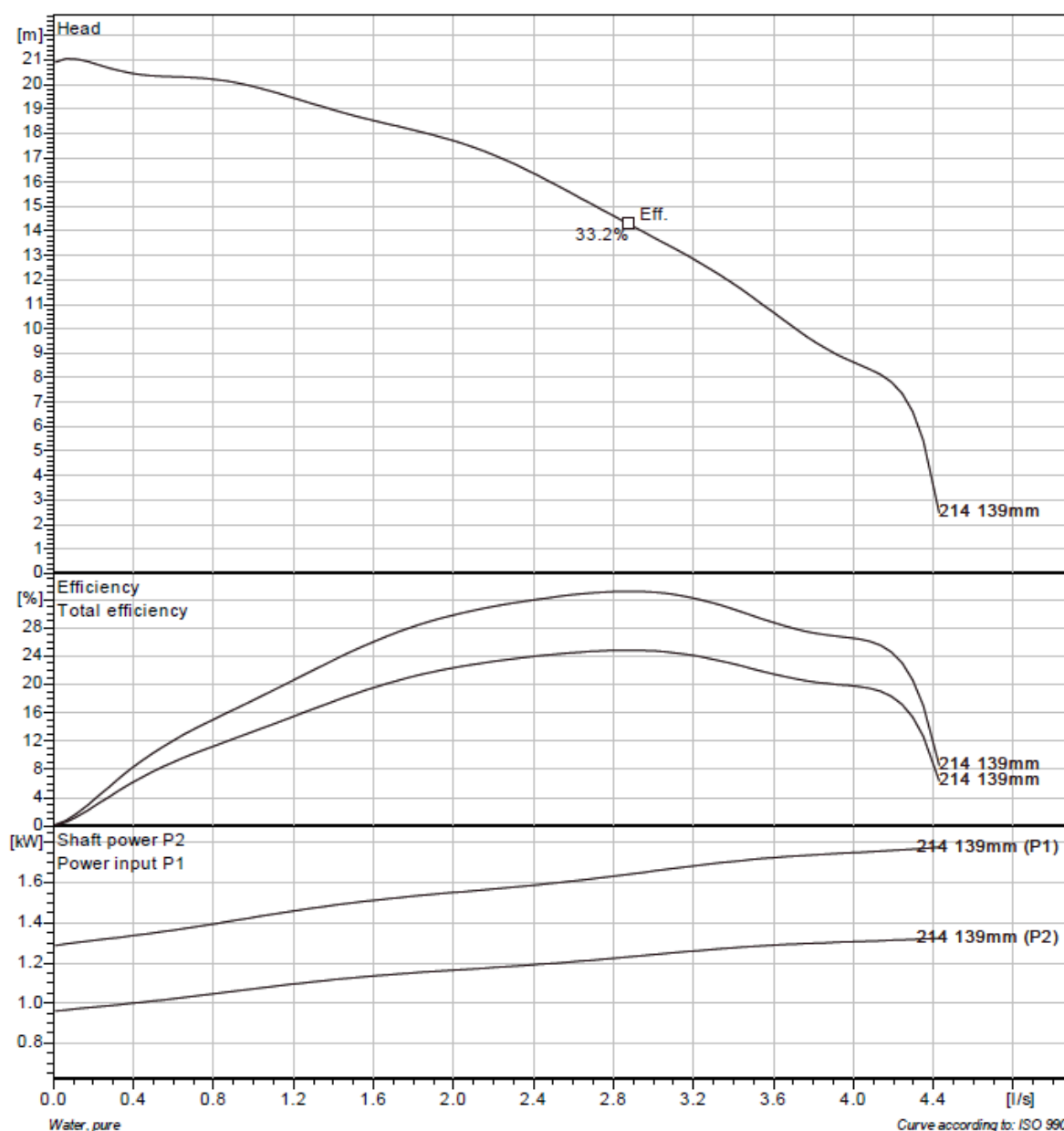
Pump

Outlet width	40 mm
Inlet diameter	40 mm
Impeller diameter	139 mm
Number of blades	10
Throughlet diameter	6 mm

Motor

Motor #	M3068.170 13-10-2BY-W 1.5KW
Stator variant	1
Frequency	50 Hz
Rated voltage	220 V
Number of poles	2
Phases	1~
Rated power	1.5 kW
Rated current	9.4 A
Starting current	31 A
Rated speed	2695 1/min

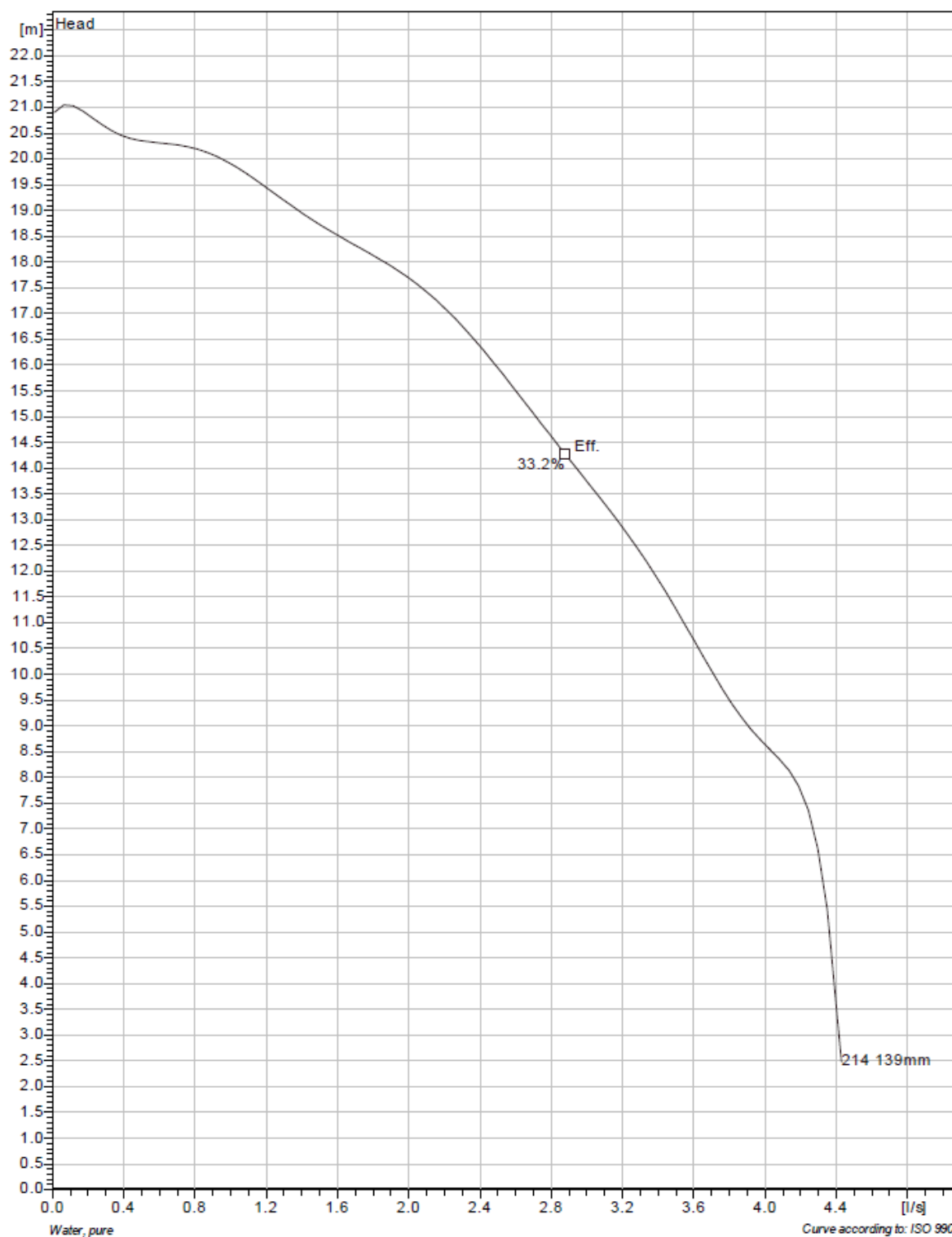
Power factor	
1/1 Load	1.00
3/4 Load	1.00
1/2 Load	1.00
Efficiency	
1/1 Load	72.5 %
3/4 Load	75.0 %
1/2 Load	71.5 %





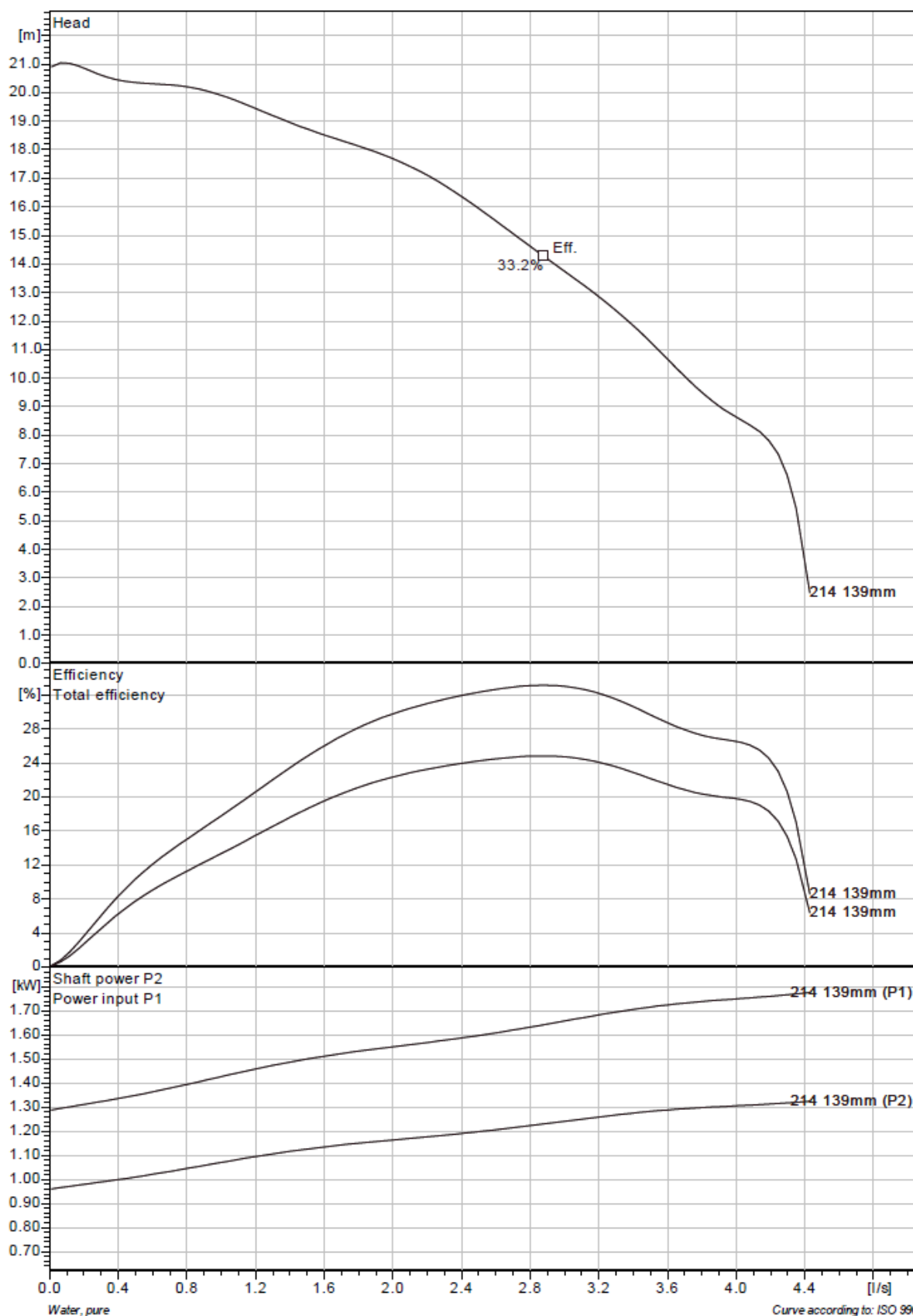
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Duty Analysis



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MP 3068 HT 1~ 214 VFD Curve

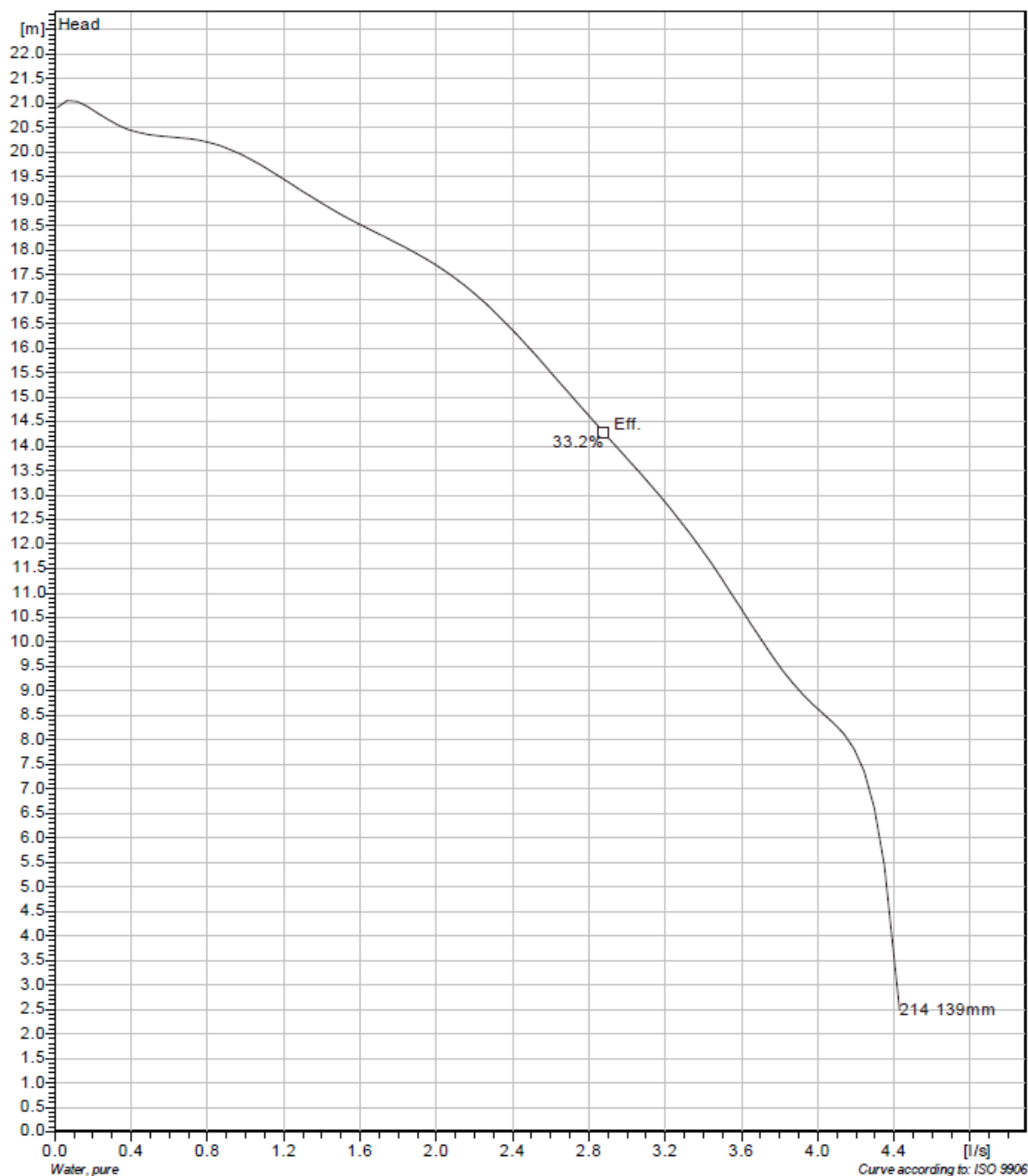


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			2014-04-11	



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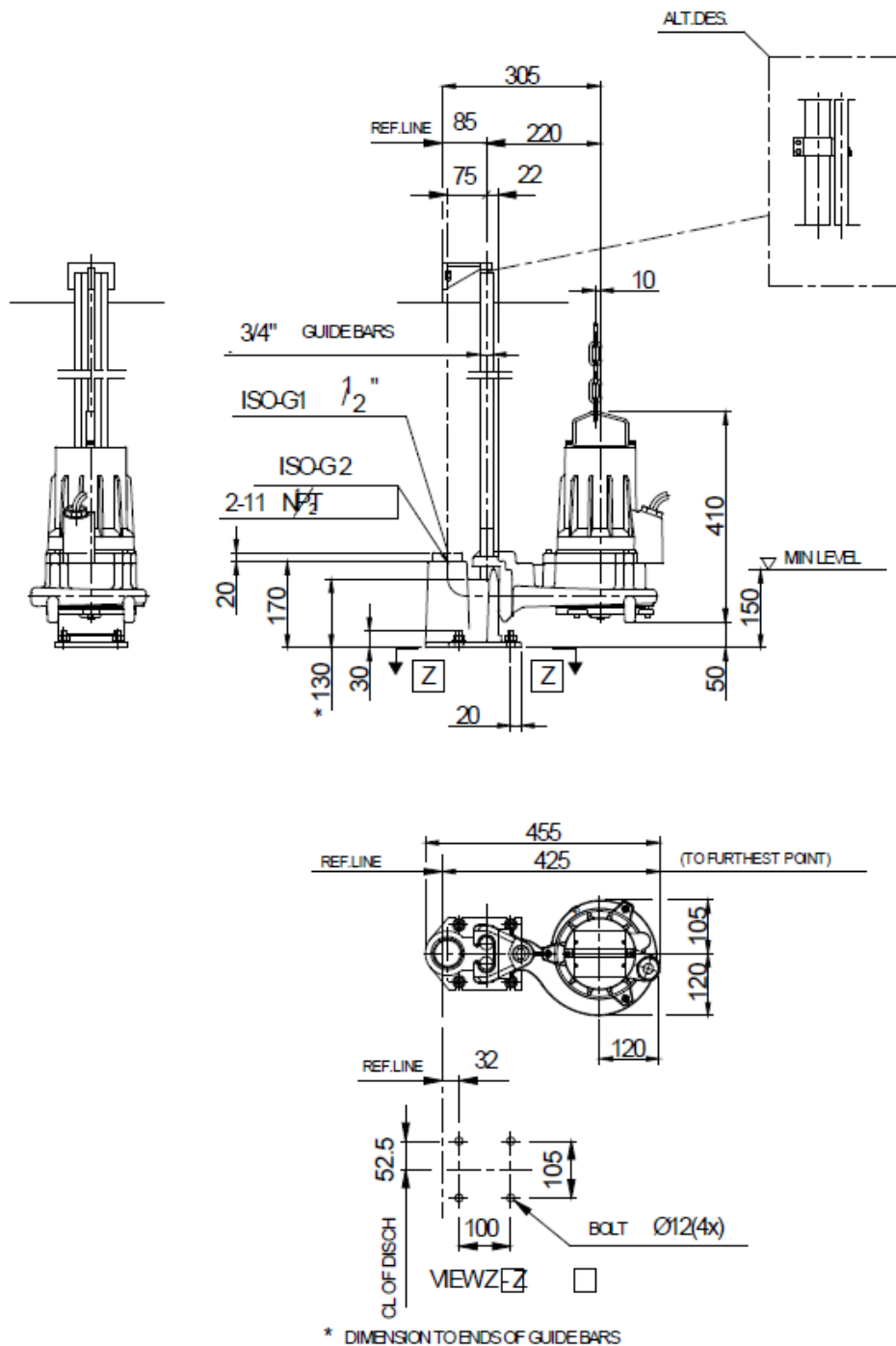
VFD Analysis



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Dimensional drawing



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