

## Ready 8 MT 1~ 2p

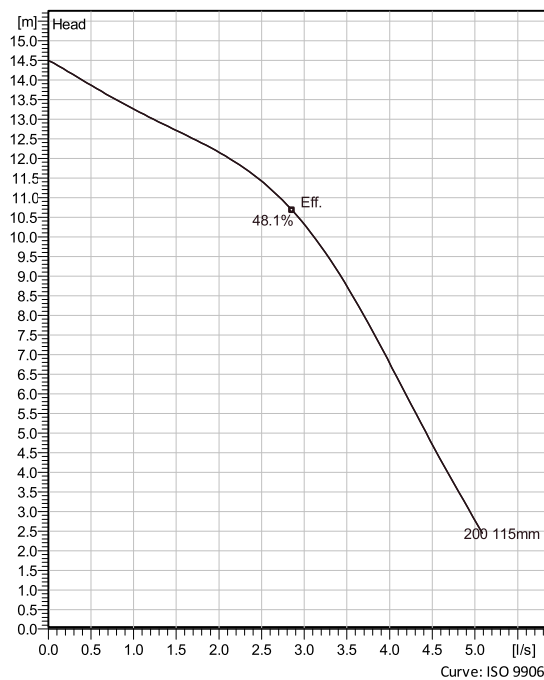
Light, compact submersible pumps in aluminum that can handle abrasive media at the construction site, mine, or at home.



### Technical specification



Curves according to: Water, pure [100%], 4 °C, 999.9 kg/m<sup>3</sup>, 1.5692 mm<sup>2</sup>/s



### Configuration

<b>Motor number</b> B2008.212 12-08-2BB-W 0.75KW	<b>Installation type</b> S - Portable Semi permanent, Wet
<b>Impeller diameter</b> 115 mm	<b>Discharge diameter</b> 50 mm

### Pump information

<b>Impeller diameter</b> 115 mm
<b>Discharge diameter</b> 50 mm
<b>Inlet diameter</b>
<b>Maximum operating speed</b> 2825 rpm
<b>Number of blades</b> 8

### Materials

<b>Impeller</b> Thermoplastic polyurethane
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### Technical specification



#### Motor - General

<b>Motor number</b> B2008.212 12-08-2BB-W 0.75KW	<b>Phases</b> 1~	<b>Rated speed</b> 2825 rpm	<b>Rated power</b> 0.75 kW
<b>Approval</b> No	<b>Number of poles</b> 2	<b>Rated current</b> 4.2 A	<b>Stator variant</b> 2
<b>Frequency</b> 50 Hz	<b>Rated voltage</b> 230 V	<b>Insulation class</b> F	<b>Type of Duty</b> S1

#### Motor - Technical

<b>Power factor - 1/1 Load</b> 1.00	<b>Motor efficiency - 1/1 Load</b> 78.5 %	<b>Total moment of inertia</b> 0.001 kg m <sup>2</sup>	<b>Starts per hour max.</b> 30
<b>Power factor - 3/4 Load</b> 1.00	<b>Motor efficiency - 3/4 Load</b> 79.0 %	<b>Starting current, direct starting</b> 19 A	
<b>Power factor - 1/2 Load</b> 1.00	<b>Motor efficiency - 1/2 Load</b> 75.1 %	<b>Starting current, star-delta</b> 6.33 A	

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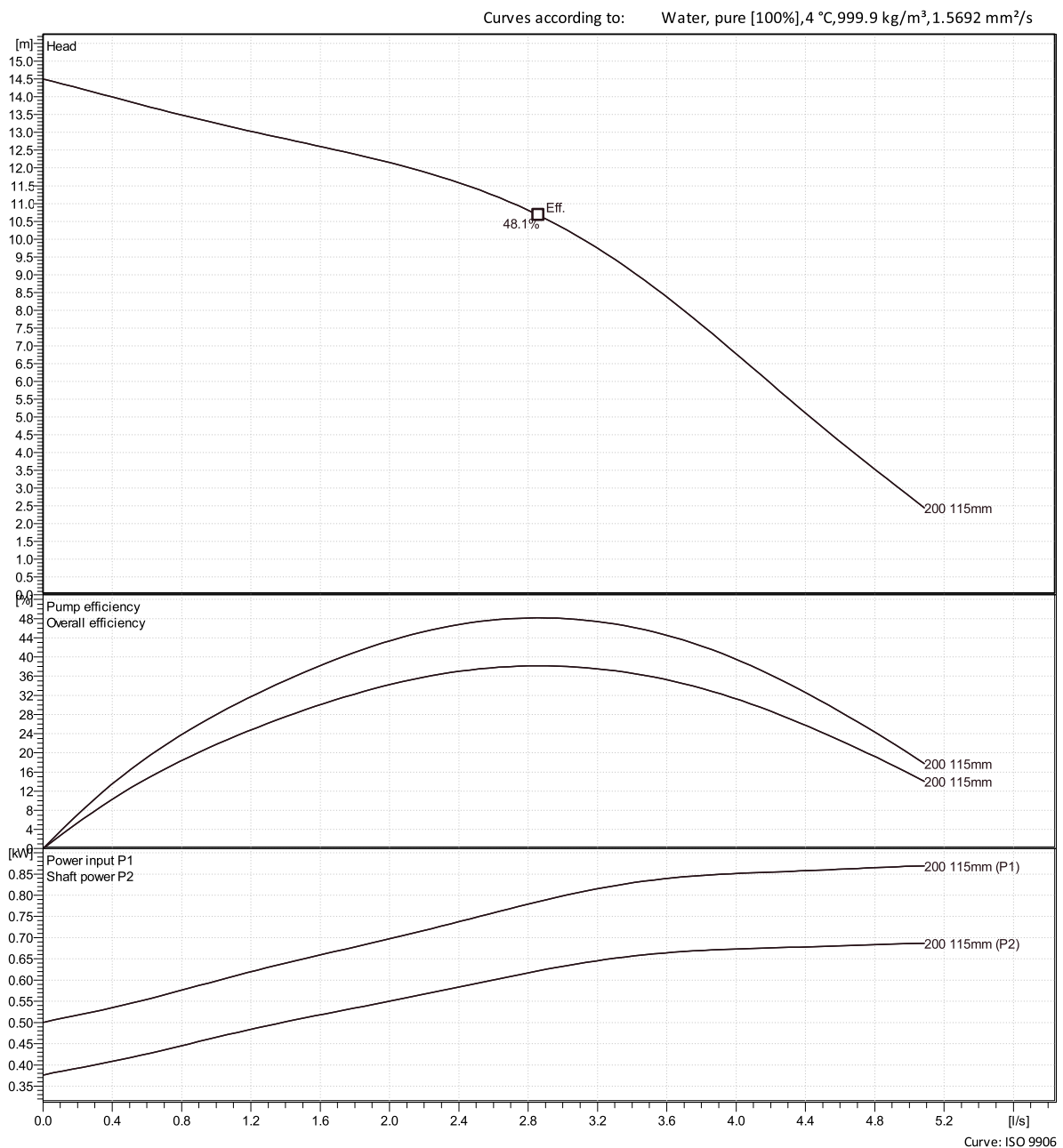
## Performance curve



### Duty point

Flow

Head



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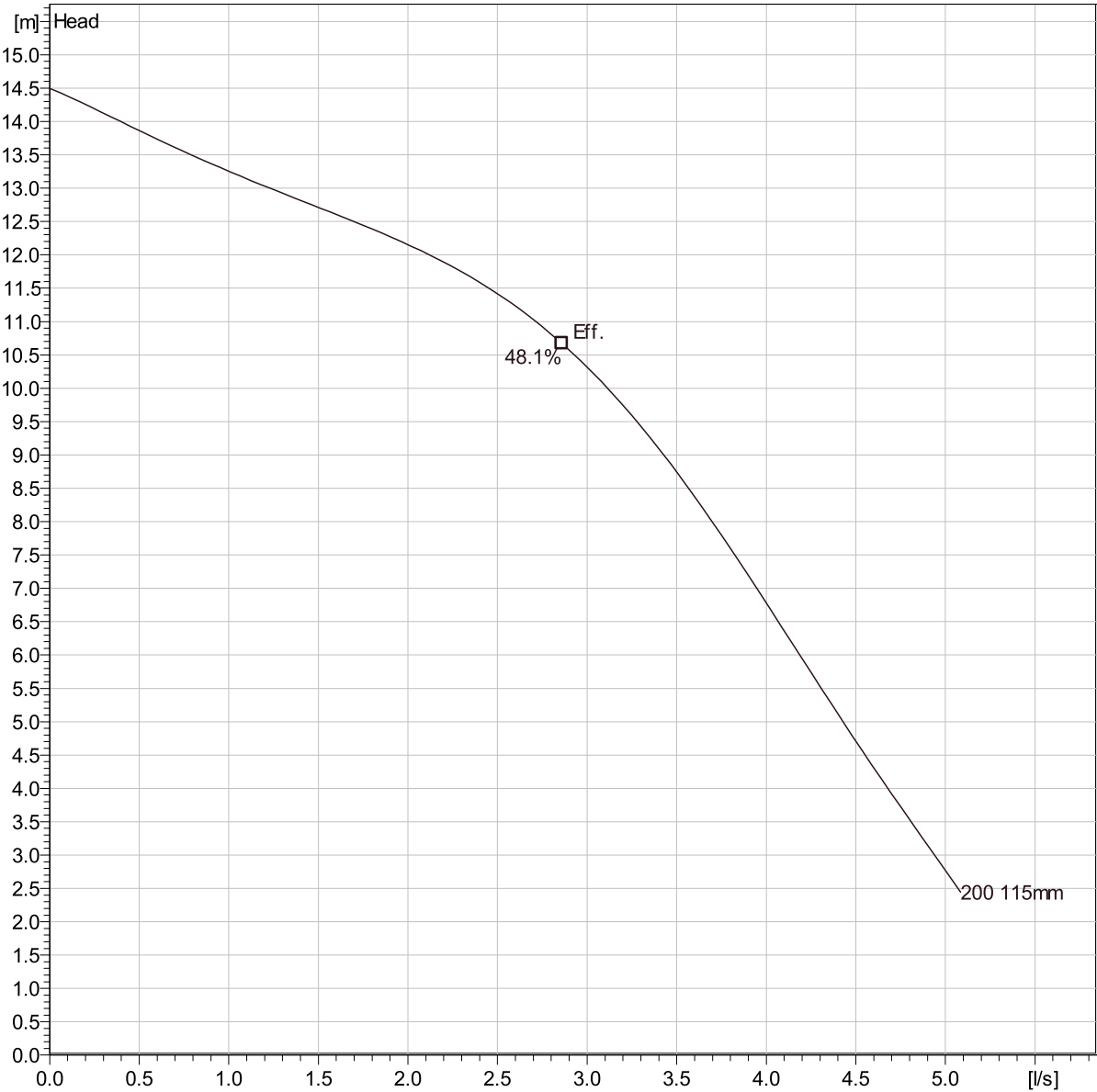
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Duty Analysis



Curves according to: Water, pure [100%], 4 °C, 999.9 kg/m<sup>3</sup>, 1.5692 mm<sup>2</sup>/s



Curve: ISO 9906

Operating characteristics

Pumps/Systems	Flow	Head	Shaft power	Flow	Head	Shaft power	Hydr.eff.	Specific energy	NPSHr
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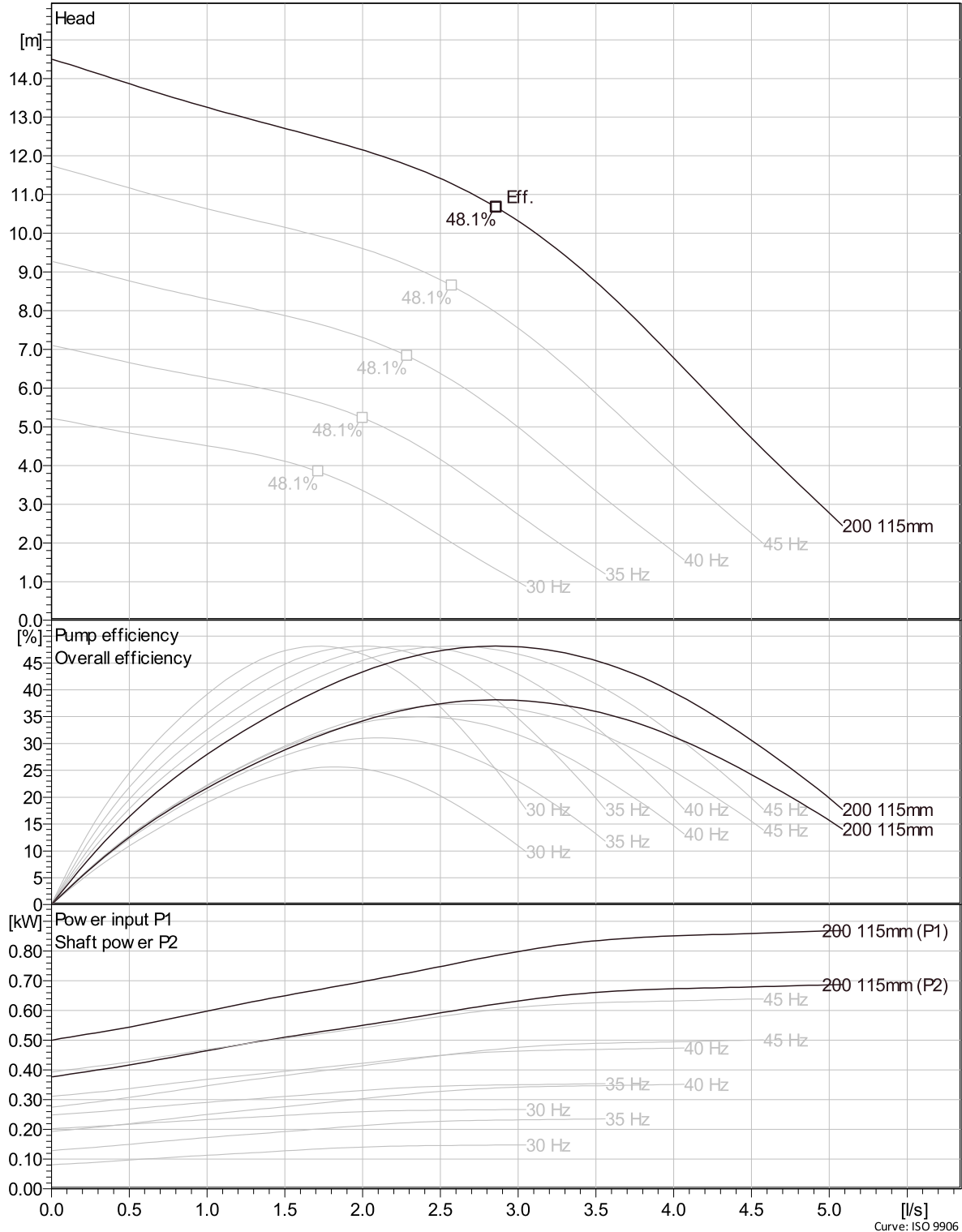
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## VFD Curve



Curves according to: Water, pure [100%], 4 °C, 999.9 kg/m³, 1.5692 mm²/s



Curve: ISO 9906

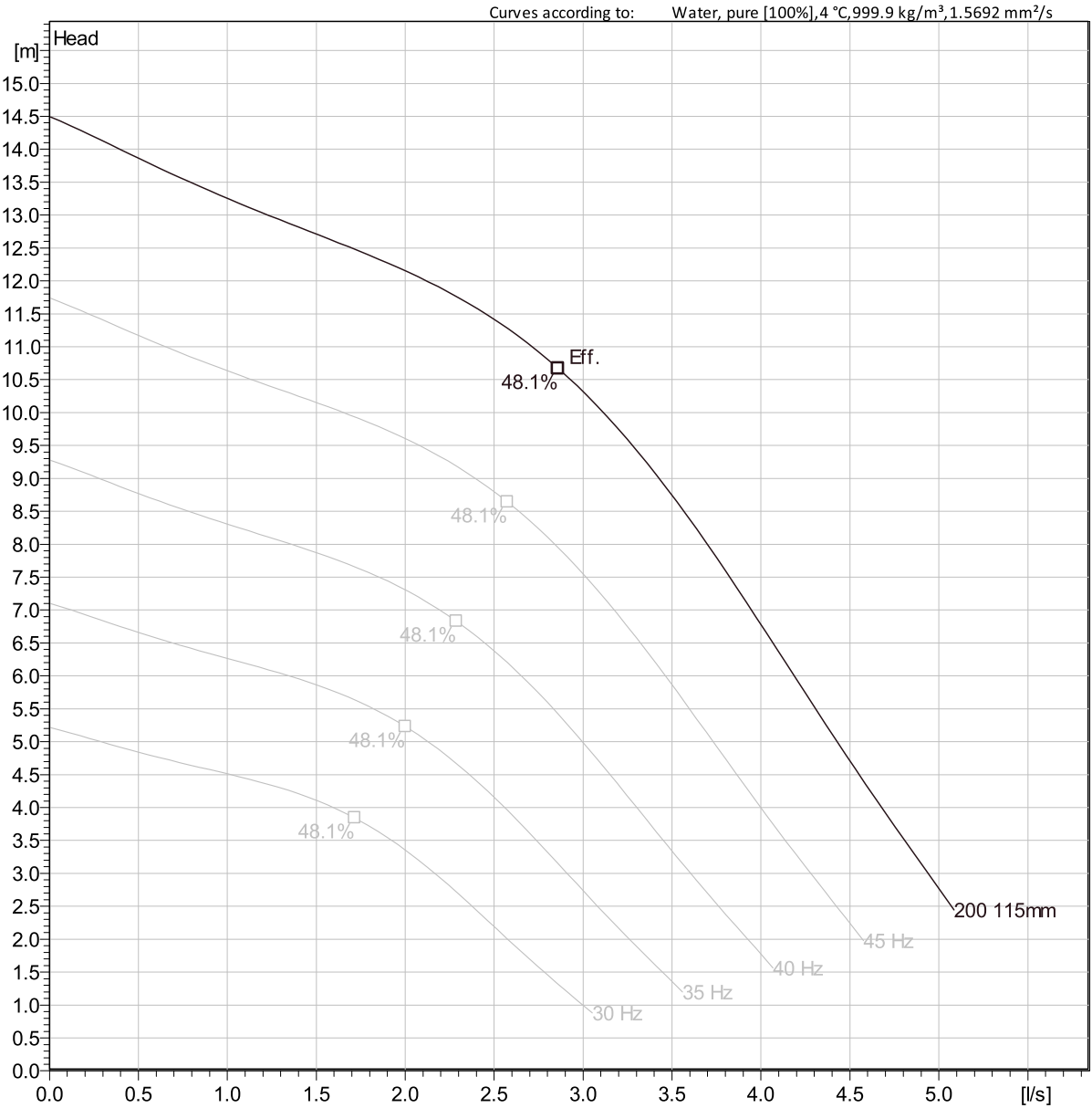
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VFD Analysis



Curve: ISO 9906

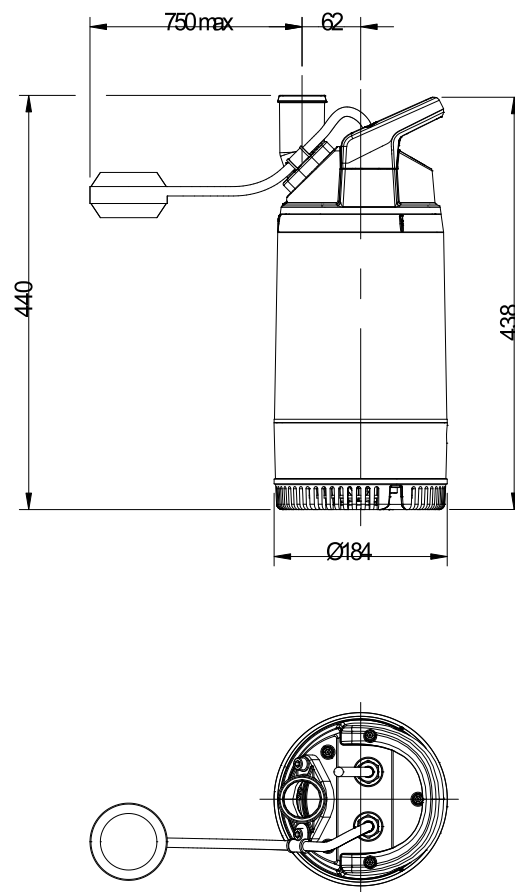
Operating Characteristics

Pumps/Systems	Frequency	Flow	Head	Shaft power	Flow	Head	Shaft power	Hydr.eff.	Specific energy	NPSHr
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## Ready 8 MT 1~ 2p

### Dimensional Drawing



Screen opening 11x5

Weight (kg)

Pump

14.5



Denomination  
Dimensional drwg  
BS 2008.212

Drawn by DS  
Scale 1:5  
7723800

Checked by  
Reg no 5399

Date 120117  
0

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