

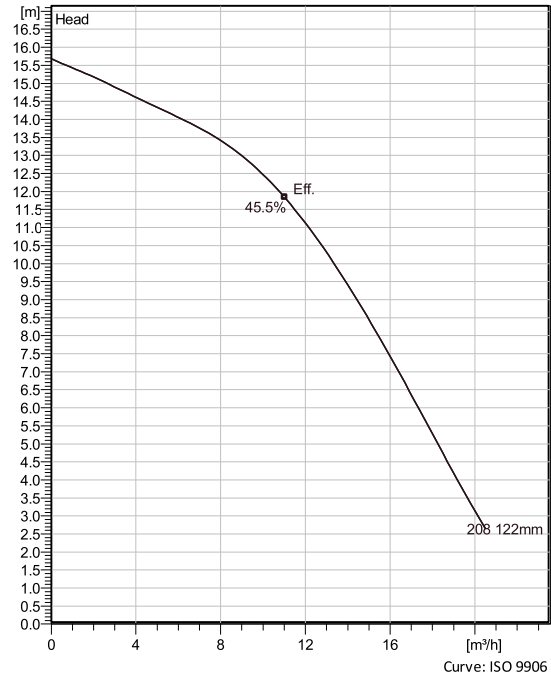
8122.211 Mini 1~

Grindex drainage pumps are designed for professional use in tough applications like mines, construction sites, tunnel sites and other demanding industries. They are designed for pumping water that may contain solids – up to the size of the strainer holes. Grindex drainage pumps are designed for continuous, unattended operation. They have proven their reliability and dependable performance in demanding areas like building and construction, mining, tunnelling, quarries, industries and rental applications.

Technical specification



Curves according to: Water [100%], 4 °C, 999.9 kg/m³, 1.569 mm²/s



Configuration

Motor number B8122.211 12-08-2BB-W 0.9KW	Installation type S - Portable Semi permanent, Wet
Impeller diameter 122 mm	Discharge diameter 50 mm

Pump information

Impeller diameter 122 mm
Discharge diameter 50 mm
Inlet diameter
Maximum operating speed 2770 rpm
Number of blades 8
Throughlet diameter 6 mm

Materials

Impeller Thermoplastic polyurethane
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Technical specification



Motor - General

Motor number B8122.211 12-08-2BB-W 0.9KW	Phases 1~	Rated speed 2770 rpm	Rated power 0.9 kW
ATEX approved No	Number of poles 2	Rated current 5.2 A	Stator variant 2
Frequency 50 Hz	Rated voltage 230 V	Insulation class F	Type of Duty S1

Motor - Technical

Power factor - 1/1 Load 1.00	Motor efficiency - 1/1 Load 76.1 %	Total moment of inertia 0.001 kg m ²	Starts per hour max. 30
Power factor - 3/4 Load 1.00	Motor efficiency - 3/4 Load 79.0 %	Starting current, direct starting 19 A	
Power factor - 1/2 Load 1.00	Motor efficiency - 1/2 Load 77.5 %	Starting current, star-delta 6.33 A	

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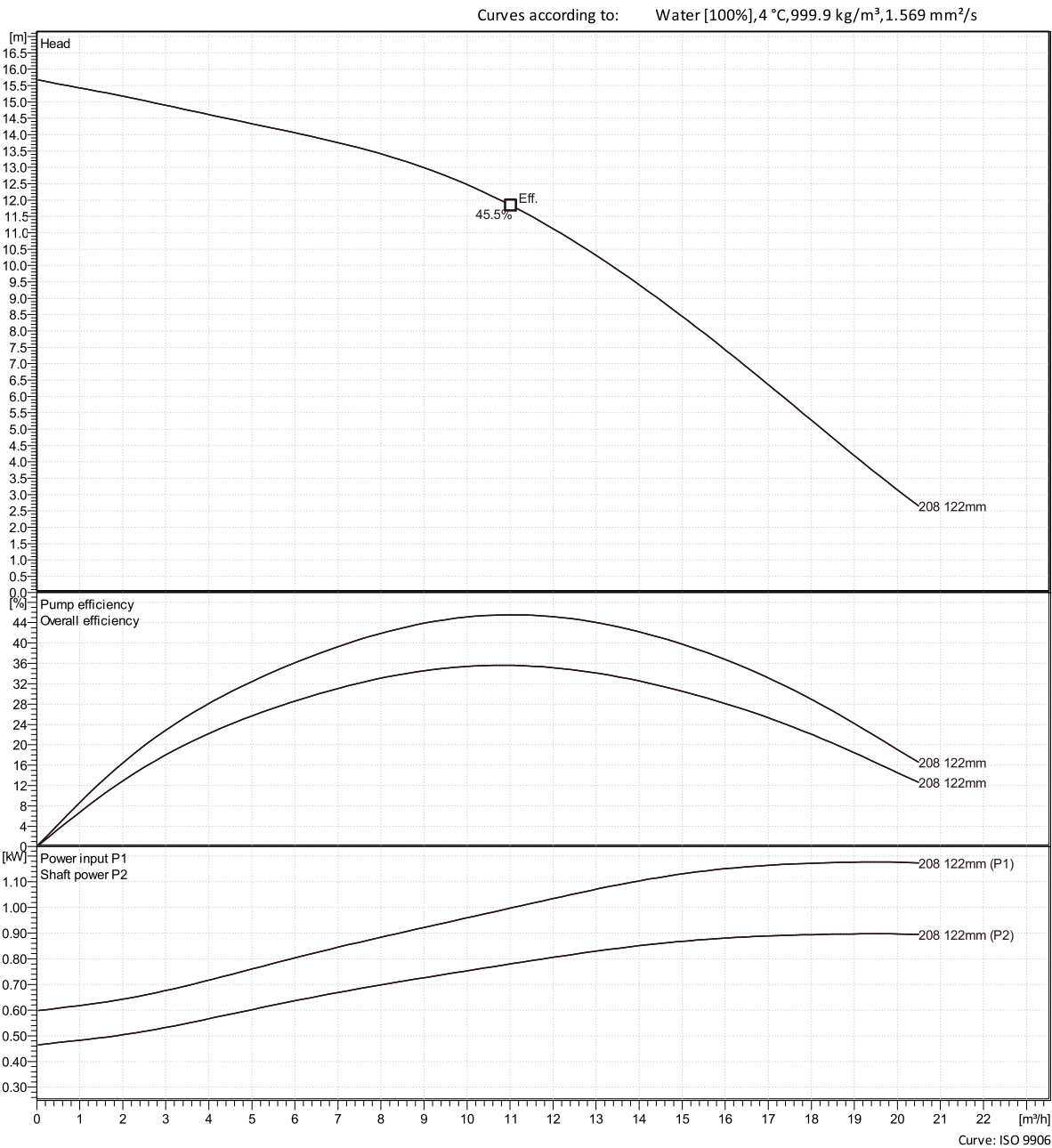
Performance curve



Duty point

Flow

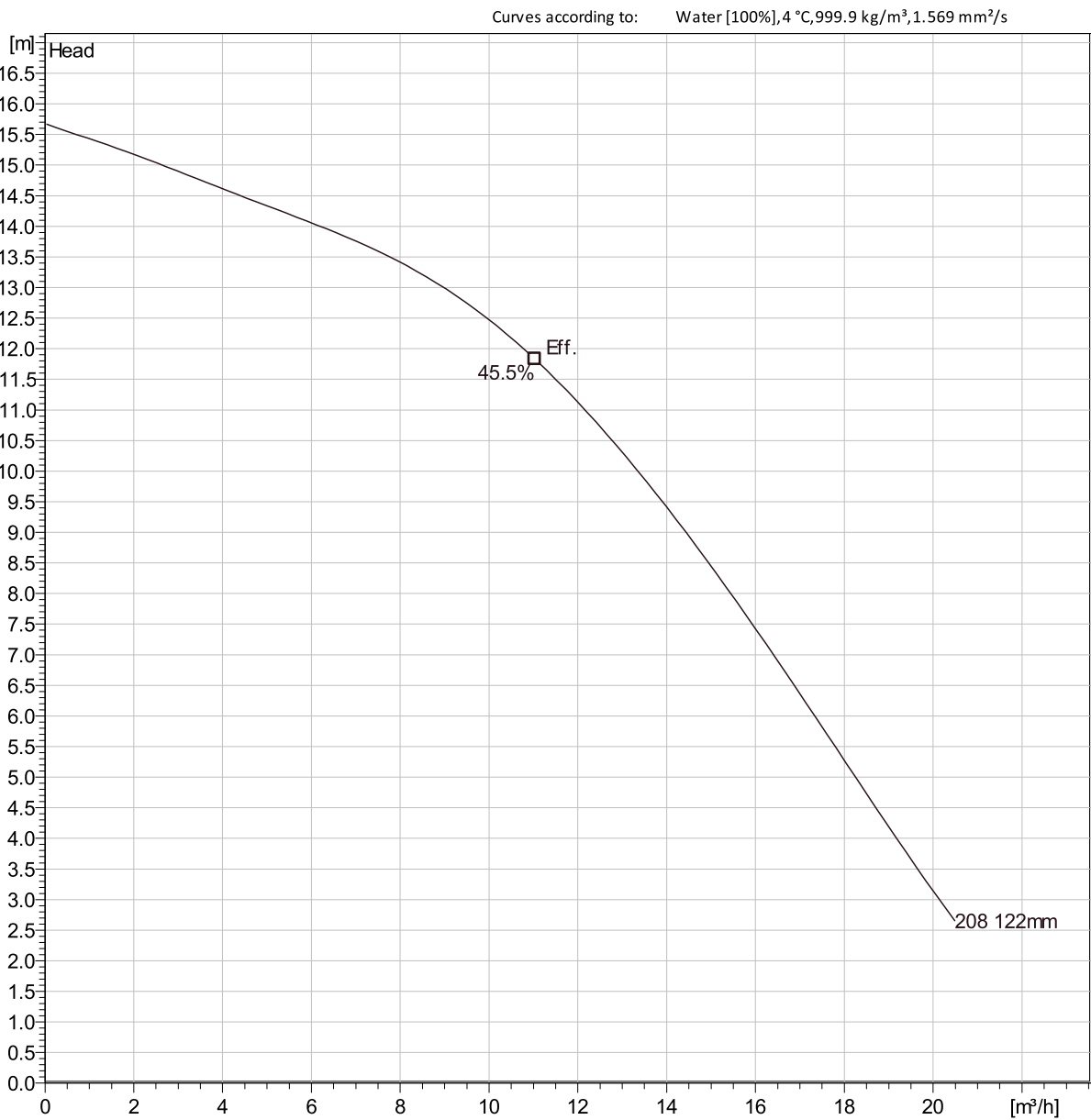
Head



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Duty Analysis



Curve: ISO 9906

Operating characteristics

Pumps/Syste ms	Flow	Head	Shaft power	Flow	Head	Shaft power	Hydr.eff.	Specific Energy	NPSHr
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