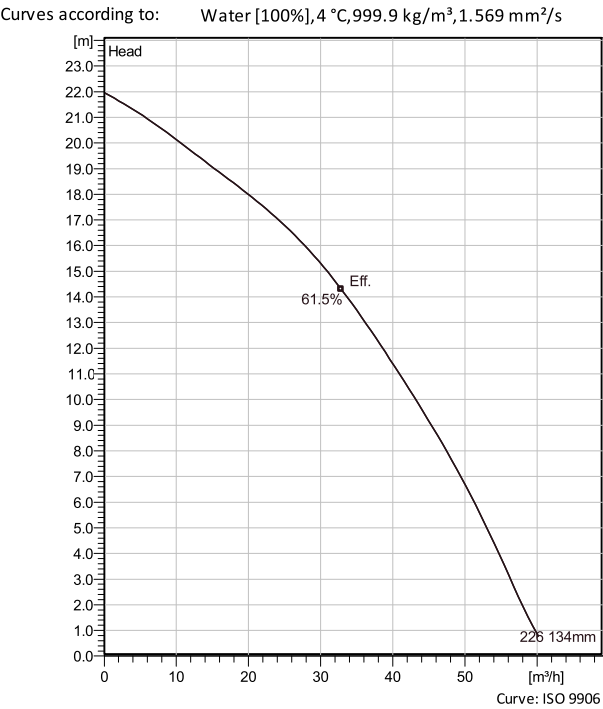


8102.172 Minette 3~

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



Configuration

Motor number B8102.172 13-10-2BB-W 2.2KW	Installation type S - Portable Semi permanent, Wet
Impeller diameter 134 mm	Discharge diameter 75 mm

Pump information

Impeller diameter 134 mm
Discharge diameter 75 mm
Inlet diameter 63 mm
Maximum operating speed 2780 rpm
Number of blades 5

Materials

Impeller Hard-Iron

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8102.172 Minette 3~

Technical specification



Motor - General

Motor number B8102.172 13-10-2BB-W 2.2KW	Phases 3~	Rated speed 2780 rpm	Rated power 2.2 kW
ATEX approved No	Number of poles 2	Rated current 8.1 A	Stator variant 1
Frequency 50 Hz	Rated voltage 220 V	Insulation class F	Type of Duty S1

Motor - Technical

Power factor - 1/1 Load 0.88	Motor efficiency - 1/1 Load 80.2 %	Total moment of inertia 0.00433 kg m ²	Starts per hour max. 15
Power factor - 3/4 Load 0.84	Motor efficiency - 3/4 Load 83.5 %	Starting current, direct starting 44 A	
Power factor - 1/2 Load 0.73	Motor efficiency - 1/2 Load 84.9 %	Starting current, star-delta 14.7 A	

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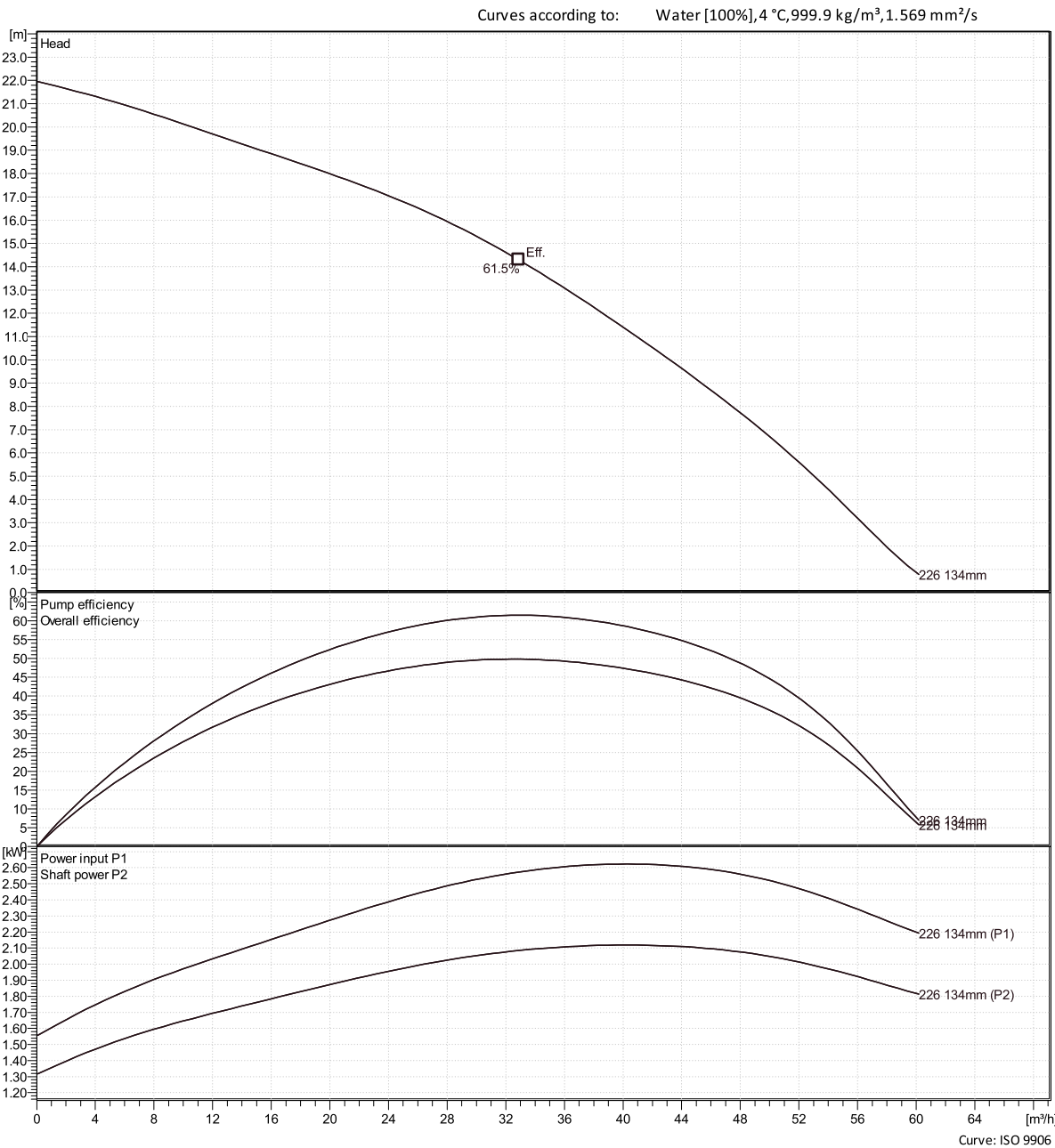
Performance curve



Duty point

Flow

Head



Project

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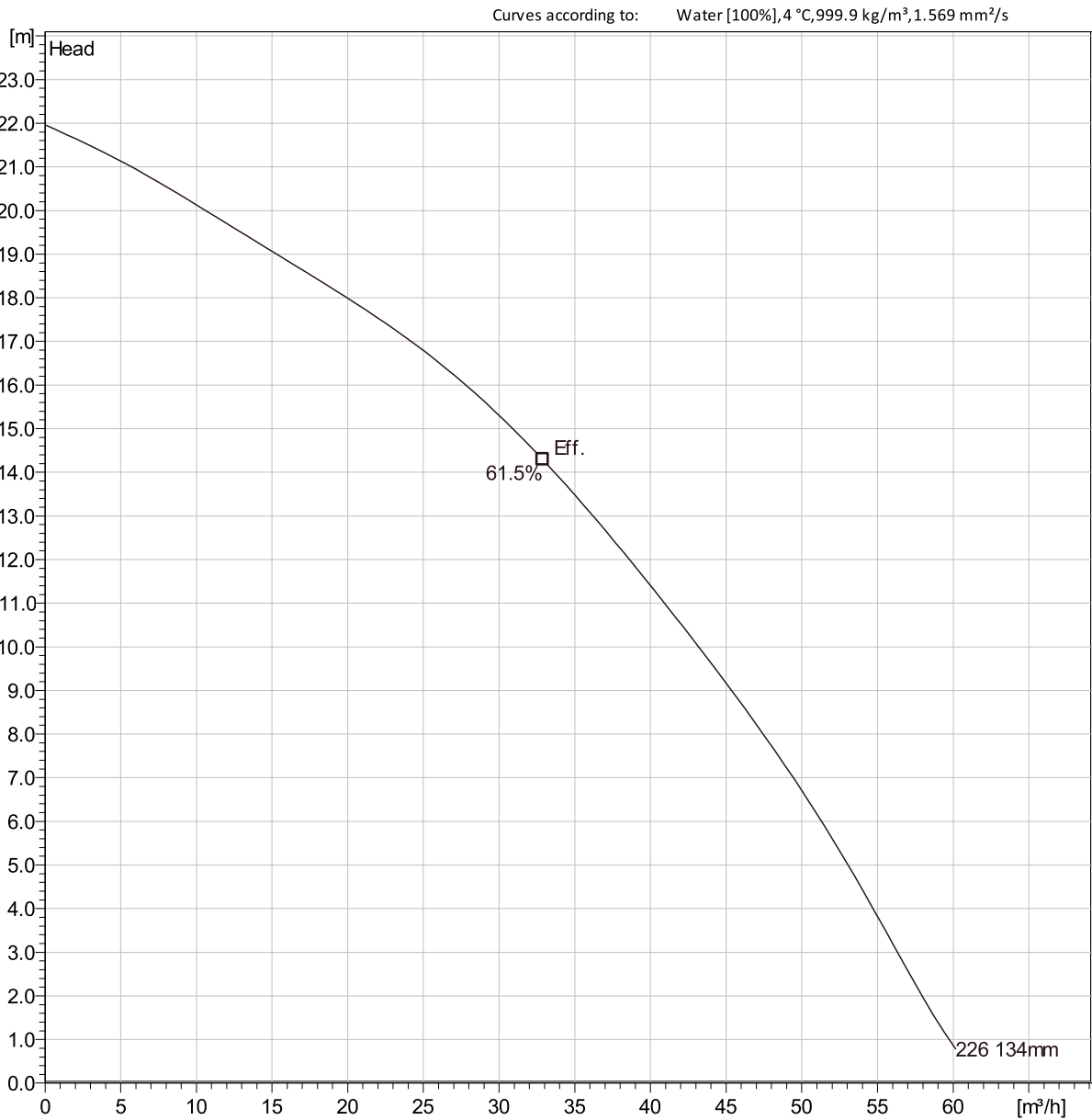
Created on

5/13/2020

Last update

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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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Project		Created by		Last update	
Block	0	Created on	5/13/2020		