

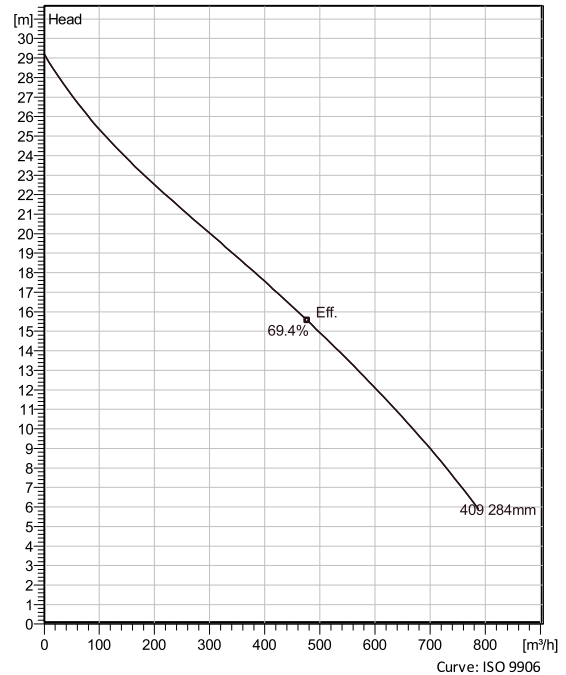
8107.030 Maxi L 3~

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



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



Configuration

Motor number B8107.030 30-21-4AA-W 30KW	Installation type S - Portable Semi permanent, Wet
Impeller diameter 284 mm	Discharge diameter 200 mm

Pump information

Impeller diameter 284 mm
Discharge diameter 200 mm
Inlet diameter
Maximum operating speed 1465 rpm
Number of blades 4

Materials

Impeller Hard-Iron
Stator housing material Aluminium

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Technical specification



Motor - General

Motor number B8107.030 30-21-4AA-W 30KW	Phases 3~	Rated speed 1465 rpm	Rated power 30 kW
Approval No	Number of poles 4	Rated current 61 A	Stator variant 38
Frequency 50 Hz	Rated voltage 400 V	Insulation class H	Type of Duty S1

Motor - Technical

Power factor - 1/1 Load 0.79	Motor efficiency - 1/1 Load 89.7 %	Total moment of inertia 0.22 kg m ²	Starts per hour max. 15
Power factor - 3/4 Load 0.72	Motor efficiency - 3/4 Load 89.6 %	Starting current, direct starting 520 A	
Power factor - 1/2 Load 0.60	Motor efficiency - 1/2 Load 88.1 %	Starting current, star-delta 173 A	

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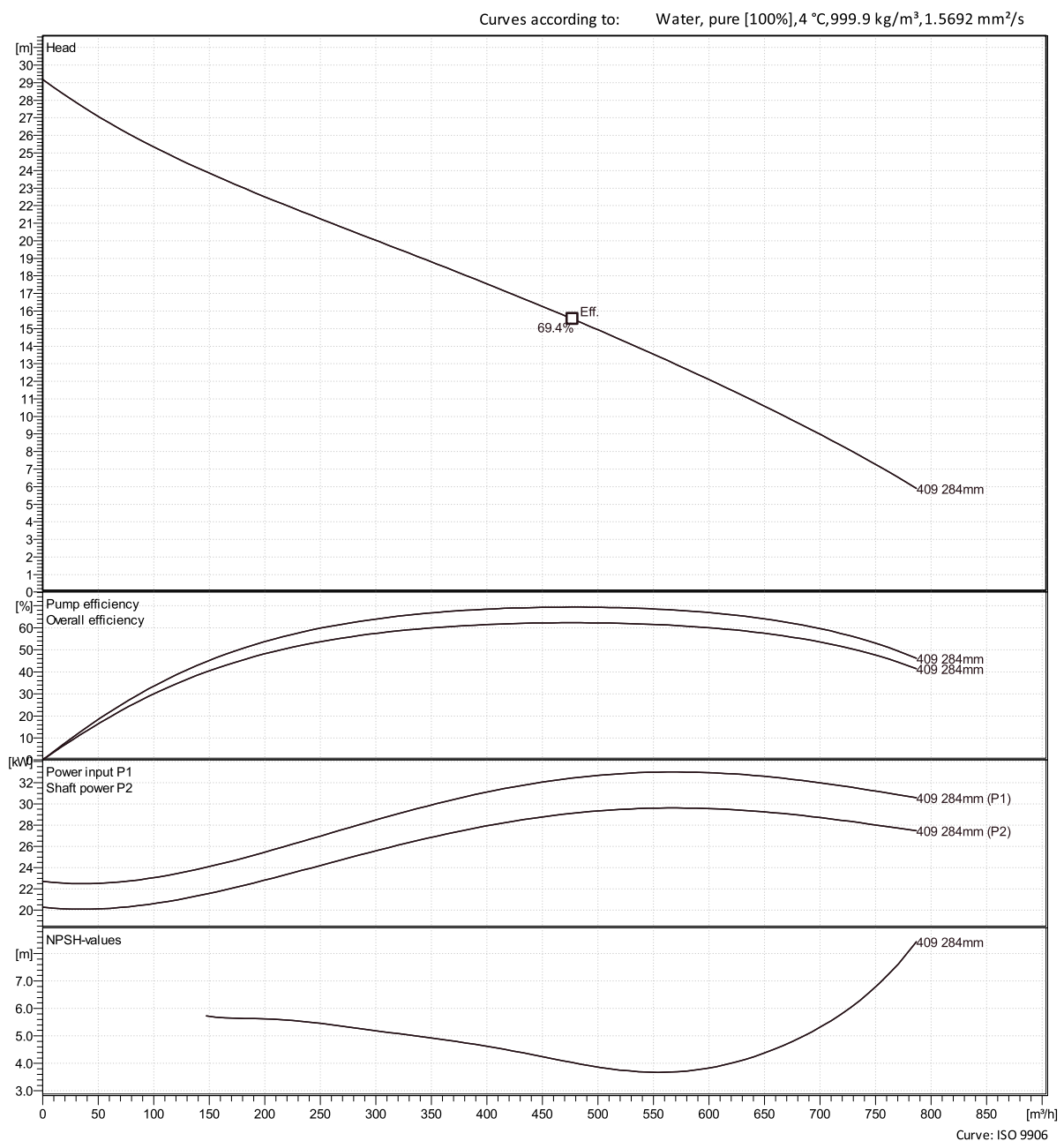
Performance curve



Duty point

Flow

Head

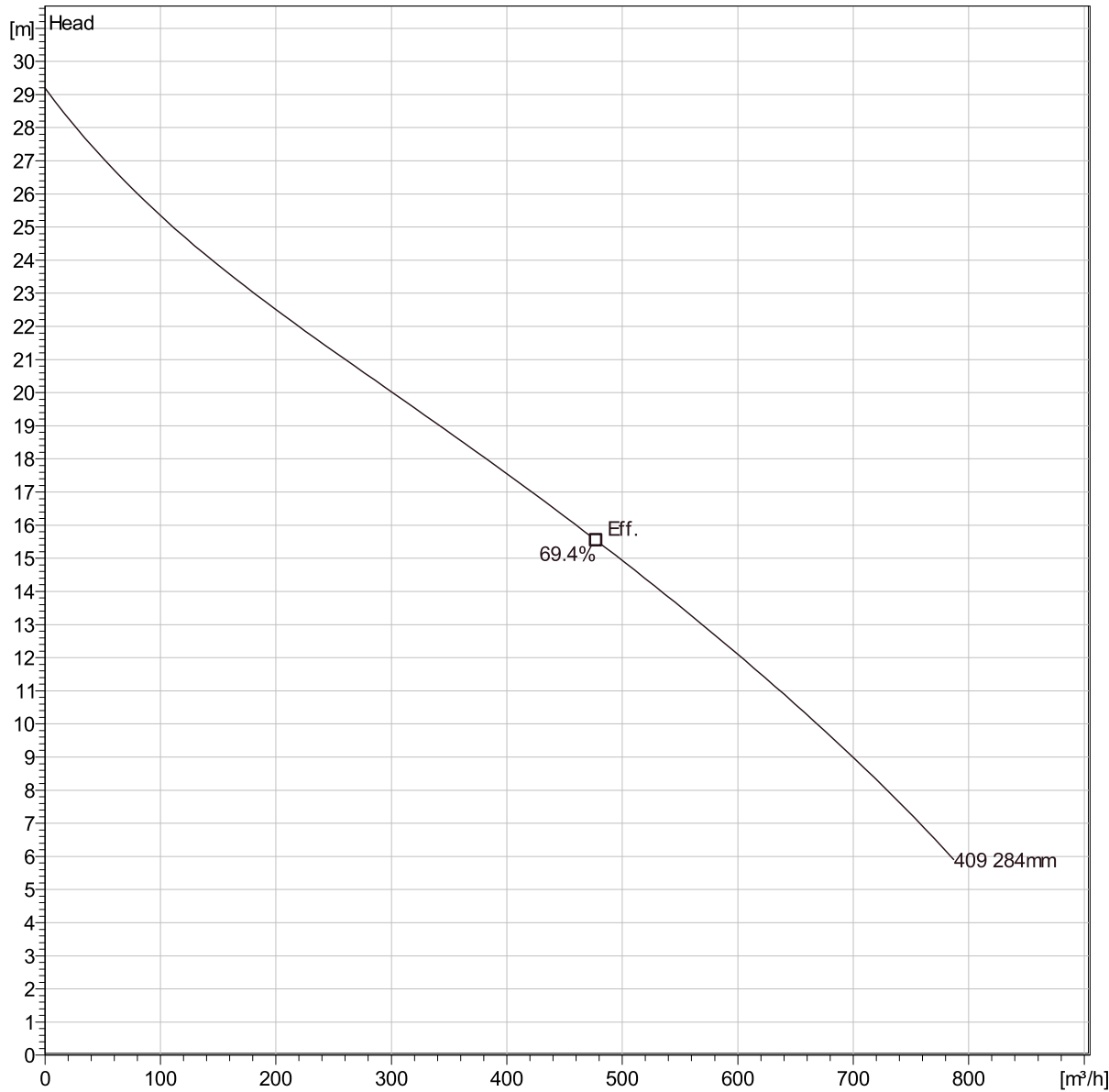


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Duty Analysis



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



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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Dimensional drawing

