

NP 3202 HT 3~ 454

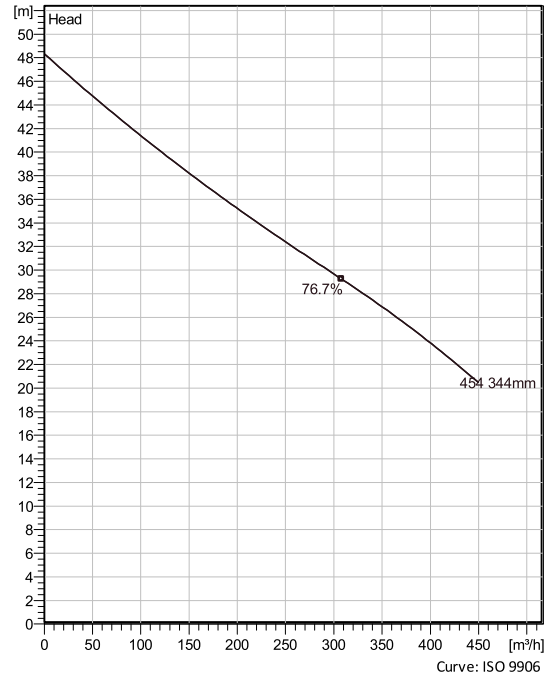
Patented self cleaning semi-open channel impeller, ideal for pumping in most waste water applications. Modular based design with high adaptation grade.



Technical specification



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



Configuration

Motor number N3202.185 30-19-4AA-W 30KW	Installation type P - Semi permanent, Wet
Impeller diameter 344 mm	Discharge diameter 150 mm

Pump information

Impeller diameter 344 mm
Discharge diameter 150 mm
Inlet diameter 200 mm
Maximum operating speed 1475 rpm
Number of blades 2
Max. fluid temperature 40 °C

Materials

Impeller Hard-Iron

Project
Block

Created by Vilma Razumaite
Created on 9/20/2021 **Last update** 9/20/2021

NP 3202 HT 3~ 454

Technical specification



Motor - General

Motor number N3202.185 30-19-4AA-W 30KW	Phases 3~	Rated speed 1475 rpm	Rated power 30 kW
Approval No	Number of poles 4	Rated current 54 A	Stator variant 1
Frequency 50 Hz	Rated voltage 400 V	Insulation class H	Type of Duty S1
Version code 185			

Motor - Technical

Power factor - 1/1 Load 0.88	Motor efficiency - 1/1 Load 90.5 %	Total moment of inertia 0.346 kg m ²	Starts per hour max. 30
Power factor - 3/4 Load 0.84	Motor efficiency - 3/4 Load 91.5 %	Starting current, direct starting 360 A	
Power factor - 1/2 Load 0.74	Motor efficiency - 1/2 Load 91.0 %	Starting current, star-delta 120 A	

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Performance curve

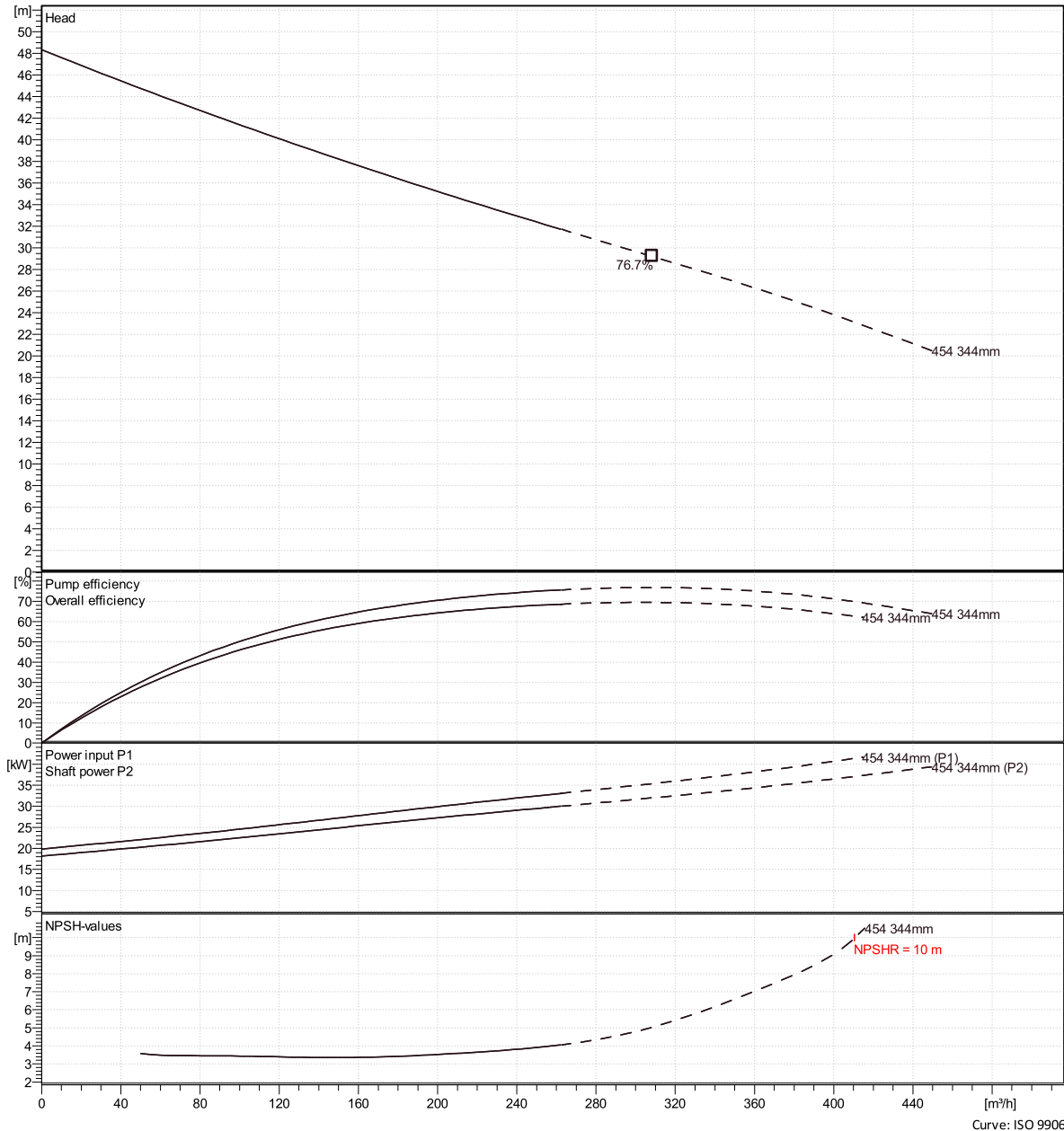


Duty point

Flow

Head

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



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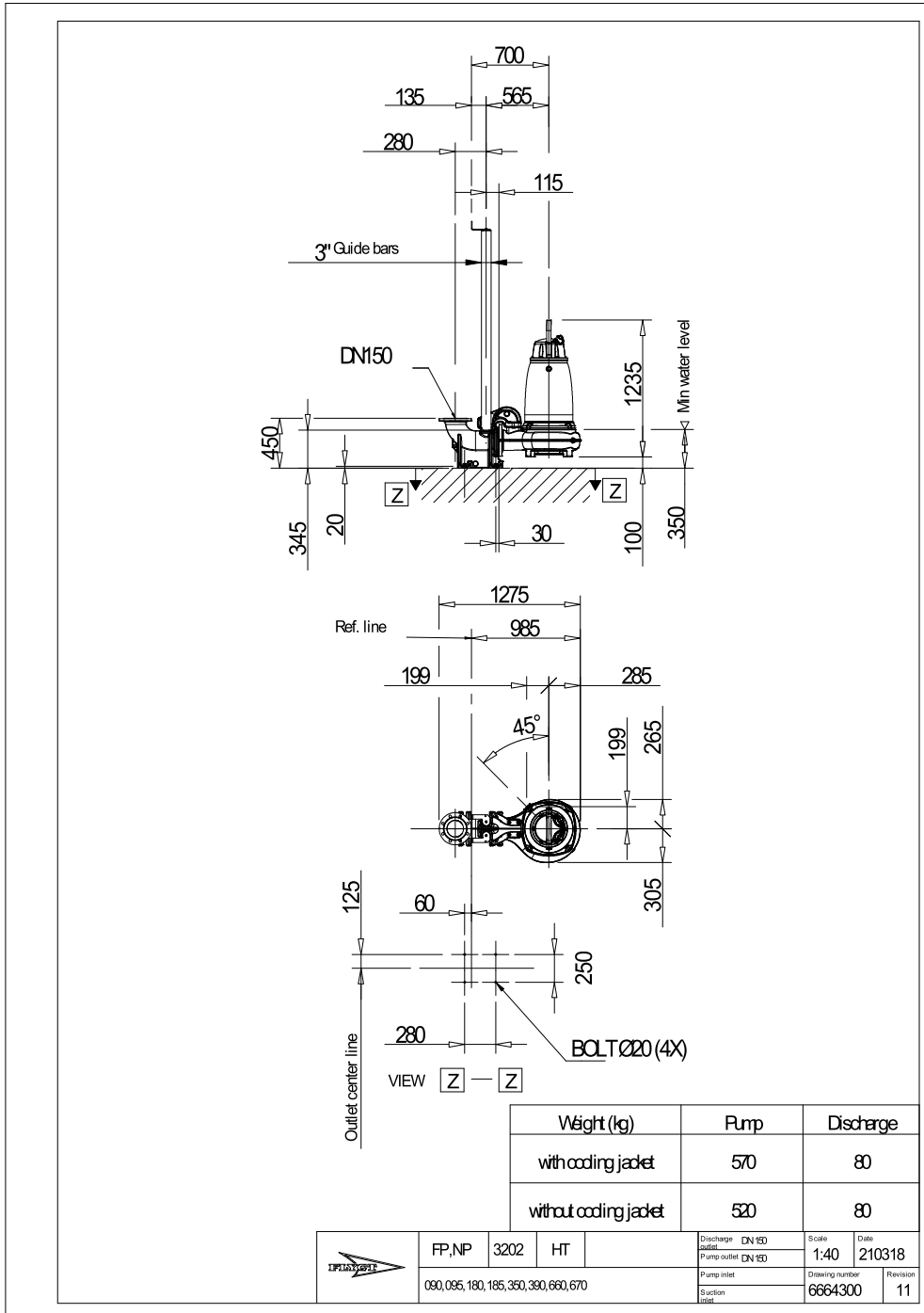
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Curve: ISO 9906

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Dimensional drawing



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