

NX 3127 SH 3~ Adaptive 246

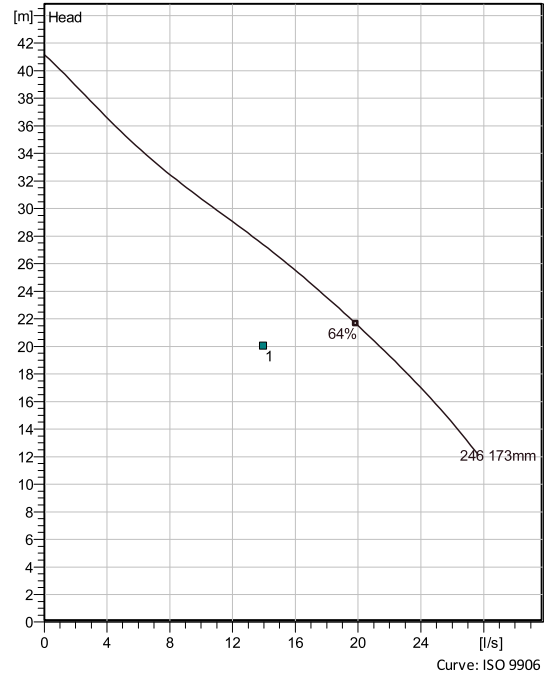
Patented self cleaning semi-open channel impeller, ideal for pumping in most waste water applications. Modular based design with high adaptation grade.



Technical specification



Curves according to: Water, pure Water, pure [100%], 4 °C, 1 kg/dm³, 1.569 mm²/s



Configuration

Motor number N3127.161 21-11-2AL-W 7.4KW	Installation type X - Optional installation, Wet or Dry
Impeller diameter 173 mm	Discharge diameter 80 mm

Pump information

Impeller diameter 173 mm
Discharge diameter 80 mm
Inlet diameter 90 mm
Maximum operating speed 2885 1/min
Number of blades 2
Max. fluid temperature 40 °C

Materials

Impeller Grey cast iron
Stator housing material Grey cast iron

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Motor - General

Motor number N3127.161 21-11-2AL-W 7.4KW	Phases 3~	Rated speed 2885 1/min	Rated power 7.4 kW
Approval No	Number of poles 2	Rated current 13 A	Stator variant 44
Frequency 50 Hz	Rated voltage 400 V	Insulation class H	Type of Duty S1
Version code 161			

Motor - Technical

Power factor - 1/1 Load 0.92	Motor efficiency - 1/1 Load 86.5 %	Total moment of inertia 0.0186 kg m ²	Starts per hour max. 30
Power factor - 3/4 Load 0.90	Motor efficiency - 3/4 Load 88.1 %	Starting current, direct starting 100 A	
Power factor - 1/2 Load 0.85	Motor efficiency - 1/2 Load 88.3 %	Starting current, star-delta 33.3 A	

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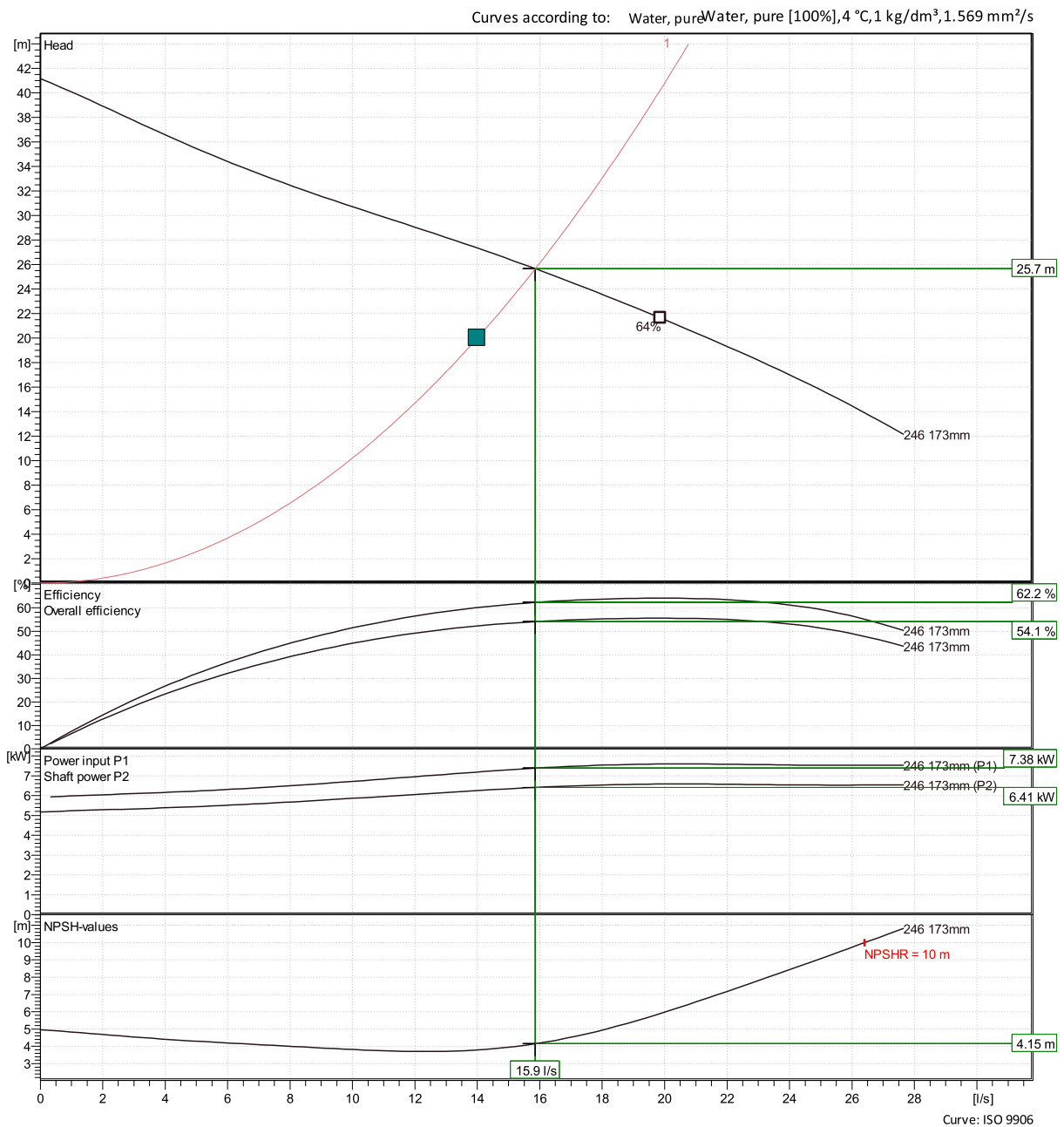
Performance curve



Duty point

Flow
15.9 l/s

Head
25.7 m



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Dimensional drawing

