

BS 2250 MT 3~ 432

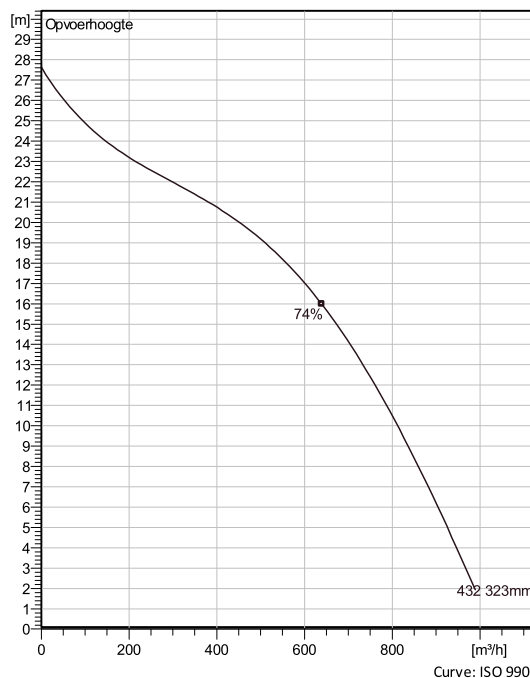
Transportabele slijtvaste drainage pompen geschikt voor toepassingen in water met slijtende delen zoals, zand, klei en gravel. Voor toepassingsgebieden zoals bouwplaatsen en mijnen. Materiaaluitvoeringen uit lichtmetaal, roestvaststaal en gietijzer.



Technische specificaties



Curves according to: Schoon water 6choon water [100%], 4 °C, 999,9 kg/m³, 1,5692 mm²/s



Nominal (mean) data shown. Under- and over-performance from this data should be expected due to standard manufacturing tolerances. Please consult your local Flygt representative for performance guarantees.

Configuration

| | |
|--|---|
| Motor number B2250.011 35-28-4AA-W 54KW | Soort installatie S - Semi permanent, Nat |
| Impeller diameter 323 mm | Discharge diameter 250 mm |

Pump information

| |
|--|
| Impeller diameter 323 mm |
| Discharge diameter 250 mm |
| Inlet diameter 220 mm |
| Maximum operating speed 1475 rpm |
| Aantal bladen 4 |

Max. temperatuur vloeistoffen
40 °C

Material

| |
|---|
| Waaier Hard-Iron |
| Stator housing material Aluminium |

Project omschrijving: 20155397
Zoekresultaat: 0

Aangemaakt door:
Aangemaakt op 10/19/2025 Laatste wijziging 10/19/2025

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Technische specificaties



Motor - General

| | | | |
|--|-----------------------------------|-----------------------------------|-----------------------------------|
| Motor number B2250.011 35-28-4AA-W 54KW | Fasen 3~ | Rated speed 1475 rpm | Nominaal vermogen 54 kW |
| Approval No | Aantal polen 4 | Toegekende stroom 104 A | Stator variant 38 |
| Frequentie 50 Hz | Nominale spanning 400 V | Isolatieklasse H | Type of Duty S1 |
| Version code 011 | | | |

Motor - Technical

| | | | |
|---|--|---|---|
| Vermogensfactor - 1/1 Load 0,81 | Motor efficiency - 1/1 Load 91,5 % | Total moment of inertia 0,684 kg m ² | Max. aantal aanlopen per uur 15 |
| Vermogensfactor - 3/4 Load 0,77 | Motor efficiency - 3/4 Load 91,5 % | Aanloopstroom, directe start 590 A | |
| Vermogensfactor - 1/2 Load 0,67 | Motor efficiency - 1/2 Load 91,0 % | Aanloopstroom, sterdriehoek 197 A | |

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Zoekresultaat: 0

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Performance curve

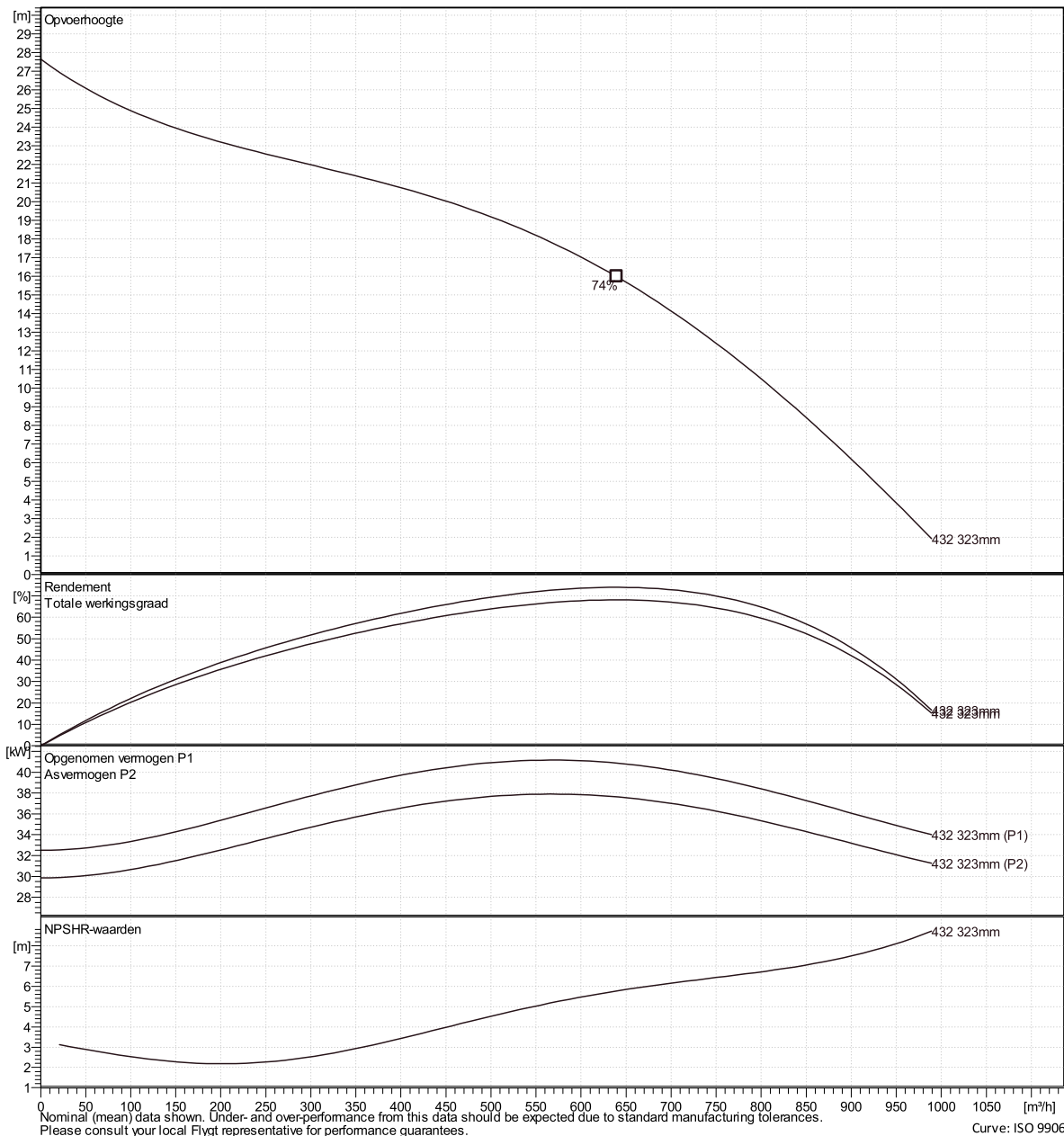


Duty point

Debiet

Opvoerhoogte

Curves according to: Schoon water [100%], 4 °C, 999,9 kg/m³, 1,5692 mm²/s



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Xylect-20155397

0

Aangemaakt op 10/19/2025 Laatste wijziging

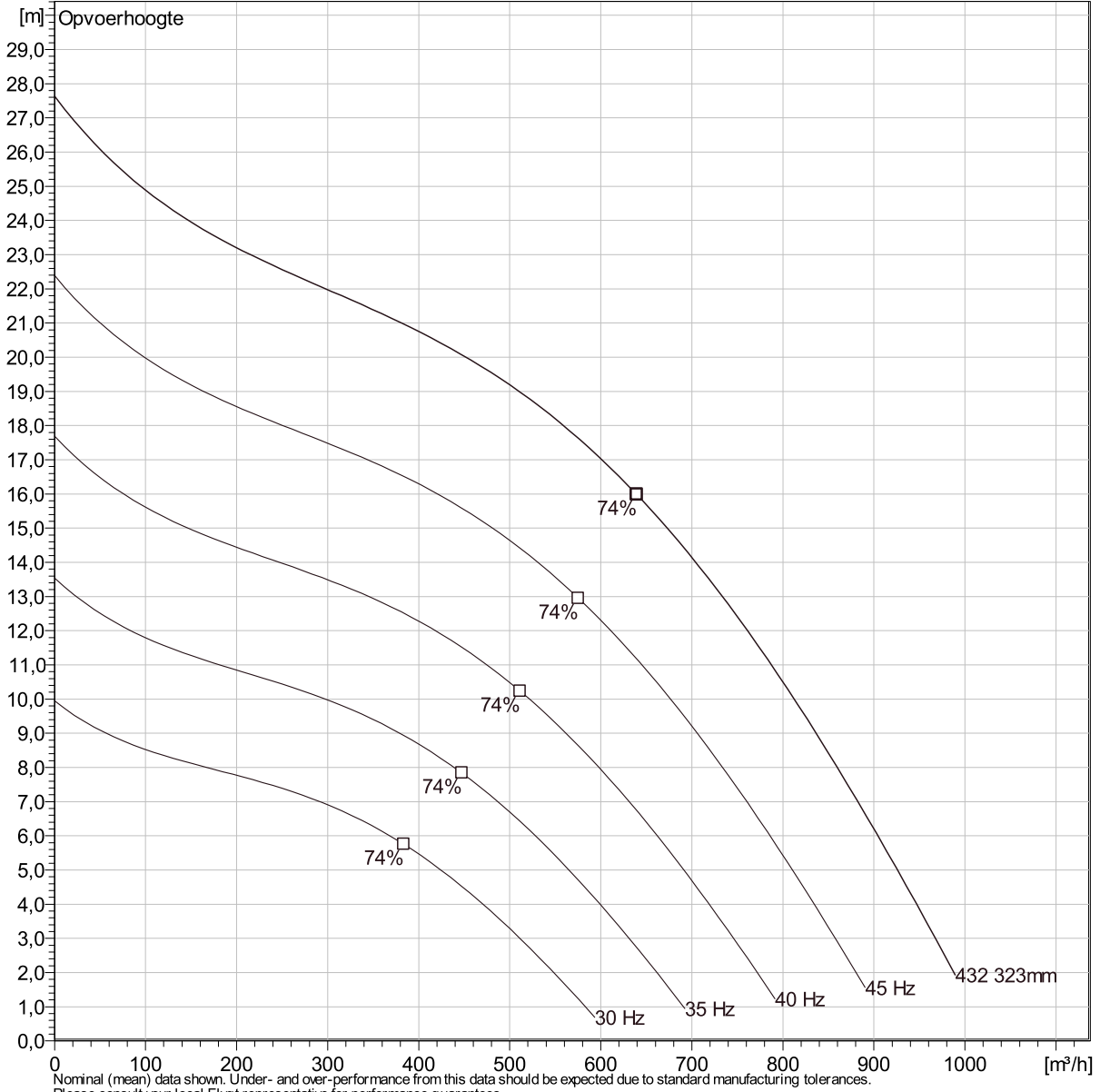
10/19/2025

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Duty Analysis



Curves according to: Schoon water [100%] ; 4°C; 999,9kg/m³; 1,5692mm²/s



Operating characteristics

| Pumps / Systems | Debiet m ³ /h | Opvoerhoogte m | Asvermogen kW | Debiet m ³ /h | Opvoerhoogte m | Asvermogen kW | Hydr.rend. | Spec. Energie kWh/m ³ | NPSHre m |
|-----------------|-----------------------------|-------------------|------------------|-----------------------------|-------------------|------------------|------------|-------------------------------------|-------------|
|-----------------|-----------------------------|-------------------|------------------|-----------------------------|-------------------|------------------|------------|-------------------------------------|-------------|

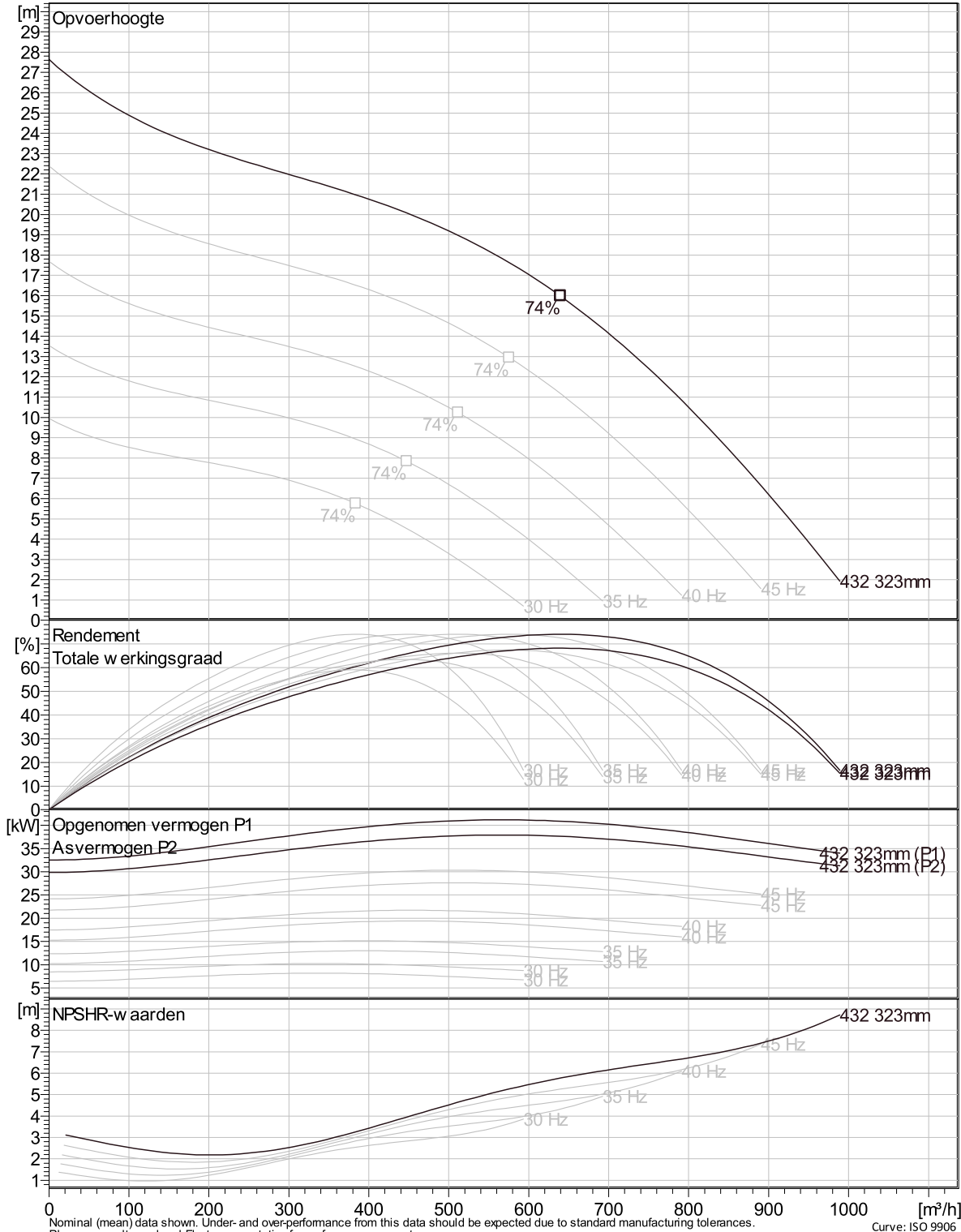
| | |
|-------------------------------|------------------------------|
| Project omschrijving | Aangemaakt door: |
| Zoekresultaat Xylect-20155397 | Aangemaakt op 10/19/2025 |
| | Laatste wijziging 10/19/2025 |

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VFD Curve



Curves according to: Schoon water 4 °C, 999,9 kg/m³, 1,5692 mm²/s



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Curve: ISO 9906

Project omschrijving: 20155397

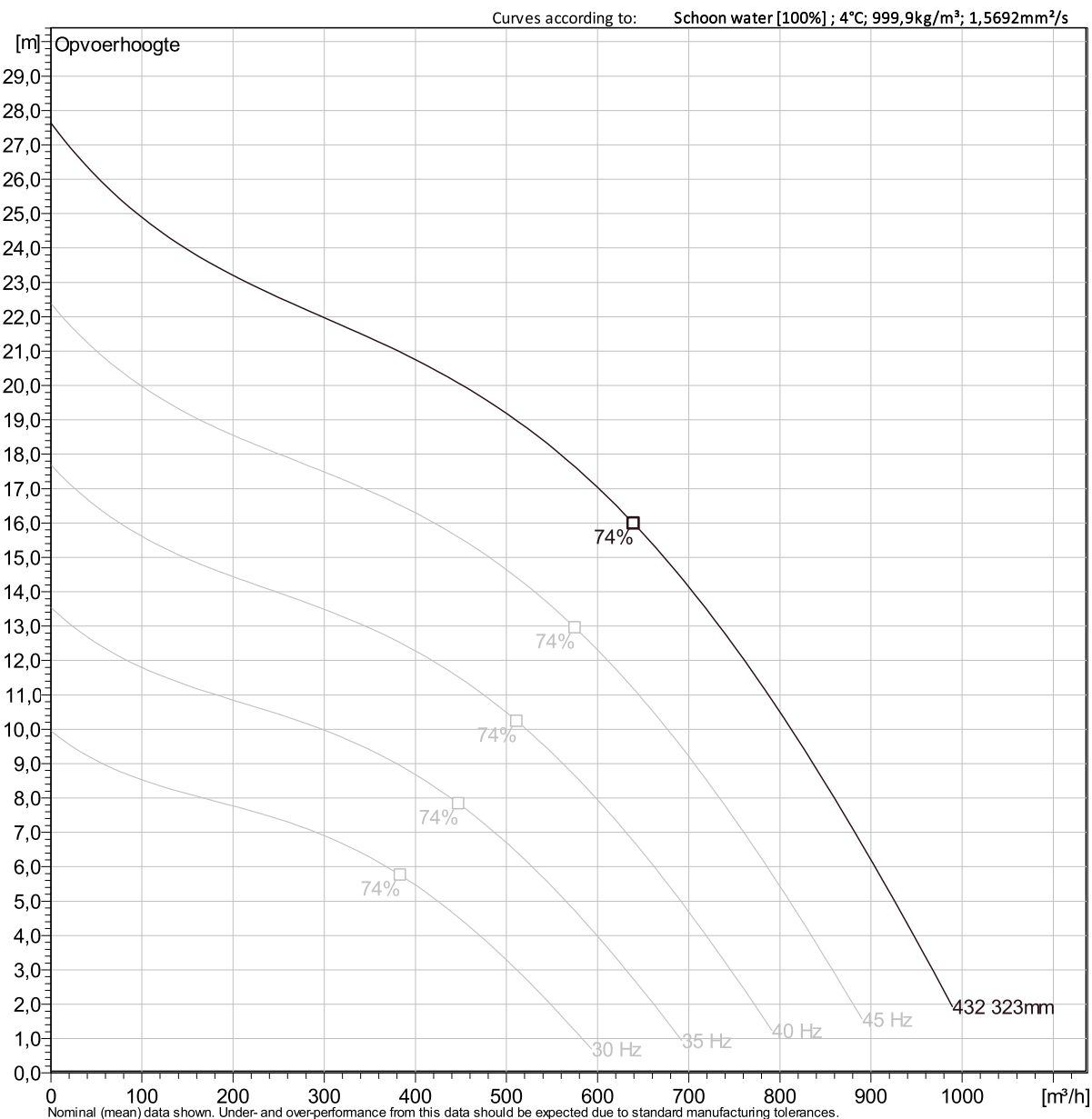
Aangemaakt door:

Zoekresultaat 0

Aangemaakt op 10/19/2025 Laatste wijziging 10/19/2025

BS 2250 MT 3~ 432

VFD Analysis



Nominal (mean) data shown. Under- and over-performance from this data should be expected due to standard manufacturing tolerances. Please consult your local Flygt representative for performance guarantees.

Operating Characteristics

| Pumps / Systems | Frequentie | Debiet | Opvoerhoogte | Asvermogen | Debiet | Opvoerhoogte | Asvermogen | Hydr.rend. | Specifieke energie | NPSHre |
|-----------------|------------|--------|--------------|------------|--------|--------------|------------|------------|--------------------|--------|
| | | m³/h | m | kW | m³/h | m | kW | | kWh/m³ | m |

| | | | |
|----------------------|------------------|-------------------|------------|
| Project omschrijving | Project-20155397 | Aangemaakt door: | |
| Zoekresultaat | 0 | Aangemaakt op | 10/19/2025 |
| | | Laatste wijziging | 10/19/2025 |

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Dimensional drawing



Project omschrijving: Project-20155397
Zoekresultaat: 0

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