

## DP 8050 MT 3~ 450

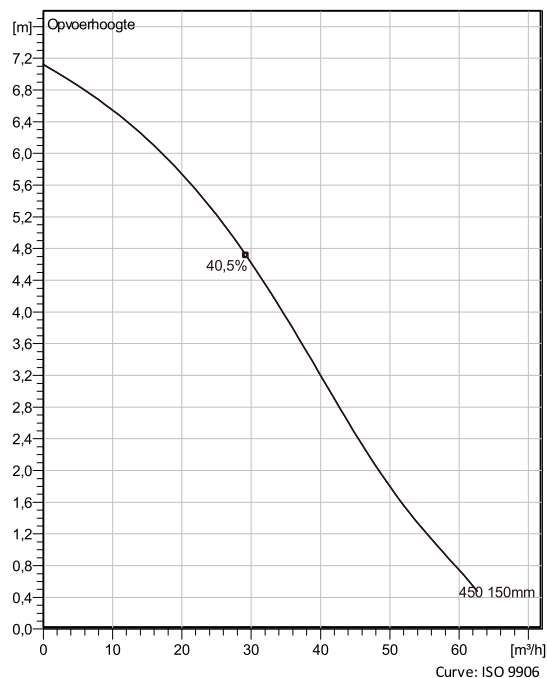
Dompelbare pompen voorzien van vortexwaaier met grote doorlaat geschikt voor afvalwater met grotere delen zoals rioolwater, regenwater en industrieel afvalwater. Materiaaluitvoeringen uit gietijzer, RVS316 en duplex roestvasstaal. Door vortexwaaier ook beter geschikt voor medium met slijtende delen en/of vezels.



### Technische specificaties



Curves according to: Schoon water [100%], 4 °C, 999,9 kg/m<sup>3</sup>, 1,569 mm<sup>2</sup>/s



### Configuration

|                                                       |                                                     |
|-------------------------------------------------------|-----------------------------------------------------|
| <b>Motor number</b><br>D8050.280 14-10-4RB-W<br>1.5KW | <b>Soort installatie</b><br>P - Semi Permanent, Nat |
| <b>Impeller diameter</b><br>150 mm                    | <b>Discharge diameter</b><br>65 mm                  |

### Pump information

|                                            |
|--------------------------------------------|
| <b>Impeller diameter</b><br>150 mm         |
| <b>Discharge diameter</b><br>65 mm         |
| <b>Inlet diameter</b><br>72 mm             |
| <b>Maximum operating speed</b><br>1410 rpm |
| <b>Aantal bladen</b><br>6                  |
| <b>Throughlet diameter</b><br>65 mm        |
| <b>Max. operating temperature</b><br>40 °C |

### Materials

|                                                   |
|---------------------------------------------------|
| <b>Waaier</b><br>Stainless steel                  |
| <b>Stator housing material</b><br>Stainless steel |



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Project omschrijving  
Zoekresultaat 0

Laatste wijziging

## DP 8050 MT 3~ 450

### Technische specificaties Motor - General



|                                                       |                                   |                                   |                                    |
|-------------------------------------------------------|-----------------------------------|-----------------------------------|------------------------------------|
| <b>Motor number</b><br>D8050.280 14-10-4RB-W<br>1.5KW | <b>Fasen</b><br>3~                | <b>Rated speed</b><br>1410 rpm    | <b>Nominaal vermogen</b><br>1,5 kW |
| <b>Approval</b><br>No                                 | <b>Aantal polen</b><br>4          | <b>Toegekende stroom</b><br>3,3 A | <b>Stator variant</b><br>1         |
| <b>Frequentie</b><br>50 Hz                            | <b>Nominale spanning</b><br>400 V | <b>Isolatieklasse</b><br>H        | <b>Type of Duty</b><br>S1          |
| <b>Version code</b><br>280                            |                                   |                                   |                                    |

### Motor - Technical

|                                           |                                              |                                                            |                                           |
|-------------------------------------------|----------------------------------------------|------------------------------------------------------------|-------------------------------------------|
| <b>Vermogensfactor - 1/1 Load</b><br>0,84 | <b>Motor efficiency - 1/1 Load</b><br>78,0 % | <b>Total moment of inertia</b><br>0,0118 kg m <sup>2</sup> | <b>Max. aantal aanlopen per uur</b><br>30 |
| <b>Vermogensfactor - 3/4 Load</b><br>0,78 | <b>Motor efficiency - 3/4 Load</b><br>79,0 % | <b>Aanloopstroom, directe start</b><br>18 A                |                                           |
| <b>Vermogensfactor - 1/2 Load</b><br>0,67 | <b>Motor efficiency - 1/2 Load</b><br>77,5 % | <b>Aanloopstroom, sterddriehoek</b><br>6 A                 |                                           |

Project omschrijving

Zoekresultaat 0

Laatste wijziging

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### Performance curve

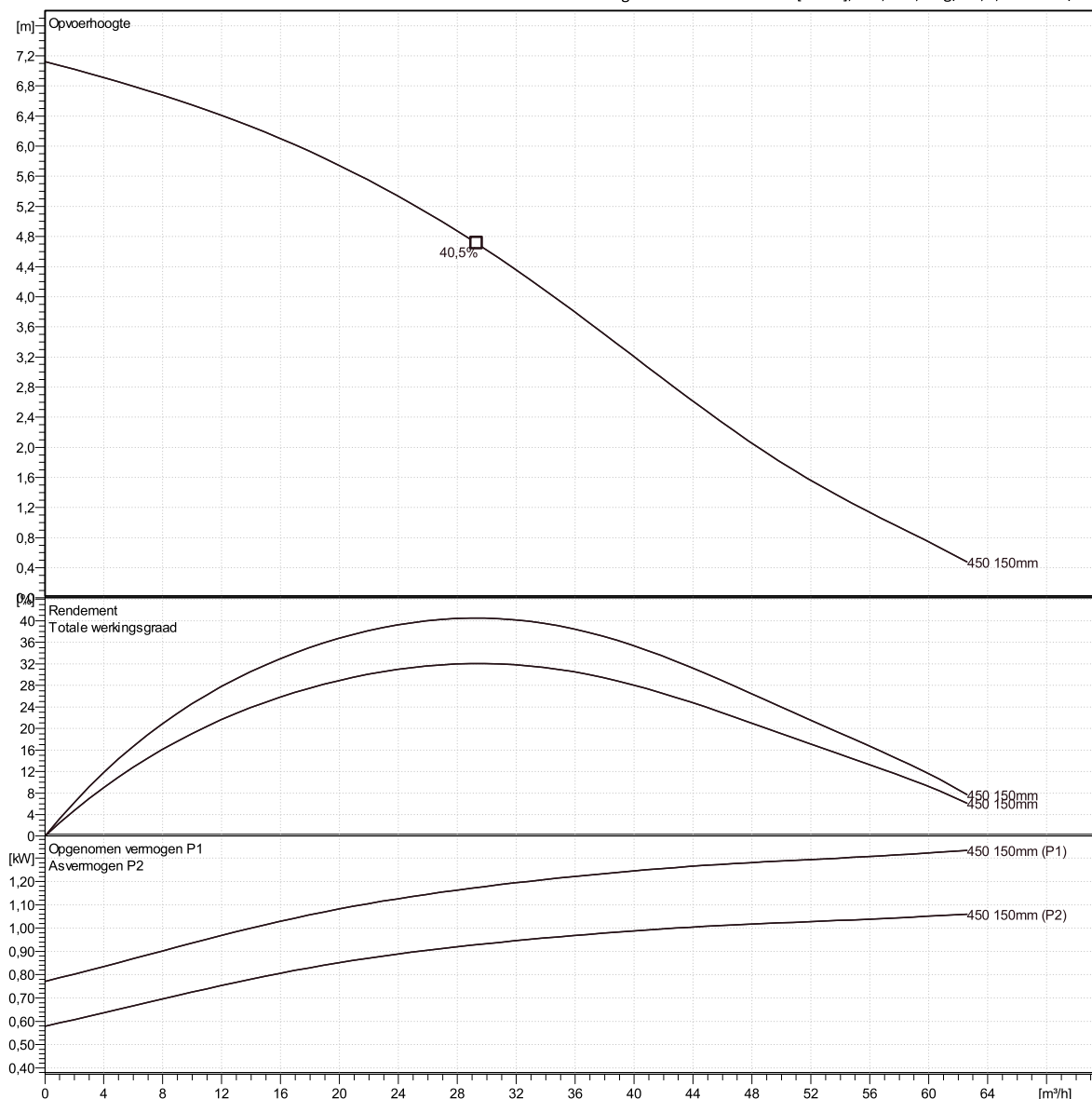


#### Duty point

Debiet

Opvoerhoogte

Curves according to: Schoon water [100%], 4 °C, 999,9 kg/m<sup>3</sup>, 1,569 mm<sup>2</sup>/s



Curve: ISO 9906

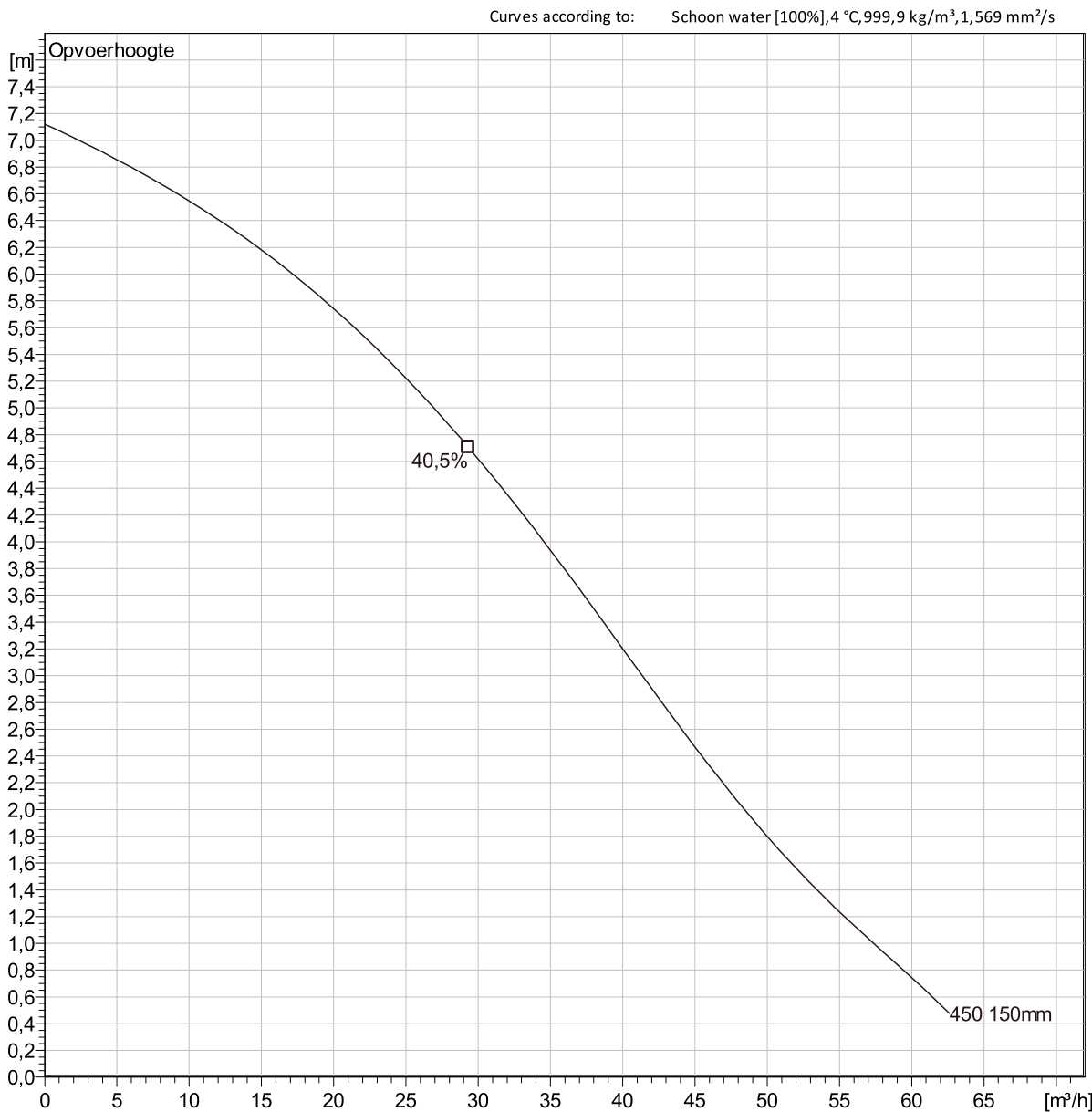
Project omschrijving

Zoekresultaat 0

Laatste wijziging

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Duty Analysis



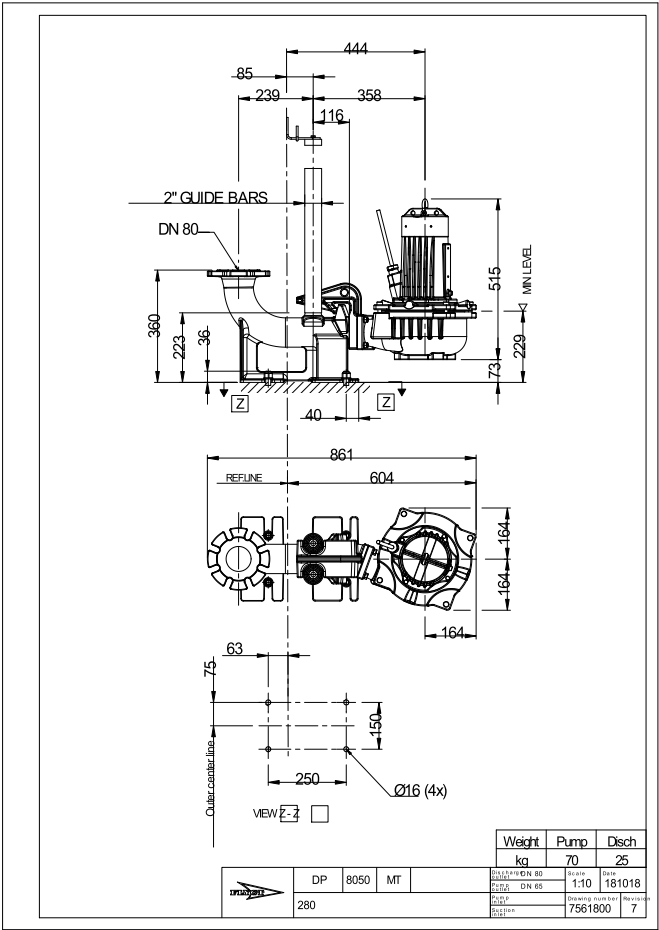
Curve: ISO 9906

Operating characteristics

| Pumps/Systems | Debiet | Opvoerhoogte | Asvermogen | Debiet | Opvoerhoogte | Asvermogen | Hydr.rend. | Specifieke energie | NPSHr |
|---------------|--------|--------------|------------|--------|--------------|------------|------------|--------------------|-------|
|---------------|--------|--------------|------------|--------|--------------|------------|------------|--------------------|-------|

|                      |                   |
|----------------------|-------------------|
| Project omschrijving | Laatste wijziging |
| Zoekresultaat 0      |                   |

DP 8050 MT 3~450  
Dimensional Drawing



Project omschrijving  
Zoekresultaat 0

Laatste wijziging