



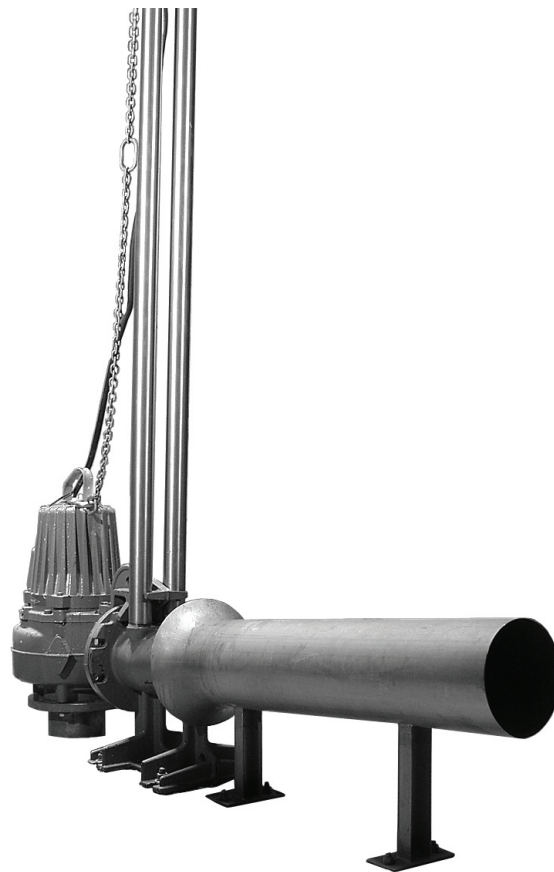
# ITT

Water & Wastewater

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## Technical specification

**Flygt hydro-ejector JP 4710, 4715, 4720  
50/60 Hz**



*Engineered for life*



# Flygt JP 4710, 4715, 4720

## Product

The Flygt Hydro-ejector is designed for mixing and flushing of retention basins. It is a submersible unit consisting of a Flygt N-pump and an engineered ejector system.

## Material

|              |                 |
|--------------|-----------------|
| Ejector pipe | Stainless Steel |
| Nozzle       | Cast iron       |
| Bellmouth    | Stainless Steel |

## Flygt N-pump

Submersible Flygt N-pump with patented non-clogging technology for sustained efficiency.

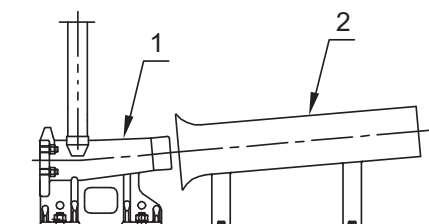
Refer to pump technical specification for additional details.

To be ordered separately from the ejector system.

## Installation

### Ejector system

| Hydro-ejector | Pump       | Ejector system |
|---------------|------------|----------------|
| 4710          | NP 3102 LT | 726 81 00      |
| 4715          | NP 3127 LT | 726 83 00      |
| 4720          | NP 3153 LT | 726 85 00      |



| Pos. no. | Denomination |
|----------|--------------|
| 1        | Nozzle       |
| 2        | Ejector pipe |

### Pump data

| Hydro-ejector | Hz | Pump           | Rated motor power kW (hp) | Impeller | Pump housing DN |
|---------------|----|----------------|---------------------------|----------|-----------------|
| 4710          | 50 | NP 3102.181 LT | 3.1                       | 421      | 100             |
|               | 60 | NP 3102.181 LT | 3.7 (5.0)                 | 423      | 100             |
| 4715          | 50 | NP 3127.181 LT | 5.9                       | 420      | 150             |
|               | 60 | NP 3127.181 LT | 7.5 (10.0)                | 421      | 150             |
| 4720          | 50 | NP 3153.181 LT | 13,5                      | 411      | 200             |
|               | 60 | NP 3153.181 LT | 14.9 (20)                 | 416      | 200             |

### Hydro-ejector data

| Hydro-ejector | Hz | Pump           | *Thrust (N) | Ejector pipe outlet diameter (mm) | Nozzle outlet diameter (mm) |
|---------------|----|----------------|-------------|-----------------------------------|-----------------------------|
| 4710          | 50 | NP 3102.181 LT | 460         | 150                               | 80                          |
|               | 60 | NP 3102.181 LT | 430         | 150                               | 80                          |
| 4715          | 50 | NP 3127.181 LT | 760         | 200                               | 102                         |
|               | 60 | NP 3127.181 LT | 820         | 200                               | 102                         |
| 4720          | 50 | NP 3153.181 LT | 1390        | 200                               | 120                         |
|               | 60 | NP 3153.181 LT | 1040        | 200                               | 120                         |

\* Based on performance at standard conditions in clean water (water temperature +20°C (68°F)).

### Flange DN

| Hydro-ejector | Pump inlet DN | Pump outlet DN | Nozzle inlet DN |
|---------------|---------------|----------------|-----------------|
| 4710          | 150           | 100            | 100             |
| 4715          | 150           | 150            | 150             |
| 4720          | 200           | 200            | 200             |

### Weight

| Hydro-ejector | See dimensional drawing |
|---------------|-------------------------|
| 4710          | 669 68 00               |
| 4715          | 669 69 00               |
| 4720          | 669 70 00               |

### Options

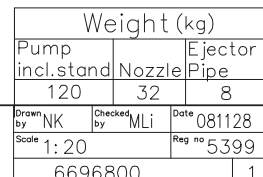
| Hydro-ejector | Explosion-proof EN/FM approved Flygt N-pump version |
|---------------|-----------------------------------------------------|
| 4710          | <b>NP 3102.090</b>                                  |
| 4715          | <b>NP 3127.090</b>                                  |
| 4720          | <b>NP 3153.091</b>                                  |

Suction pipe is not included and must be supplied locally.

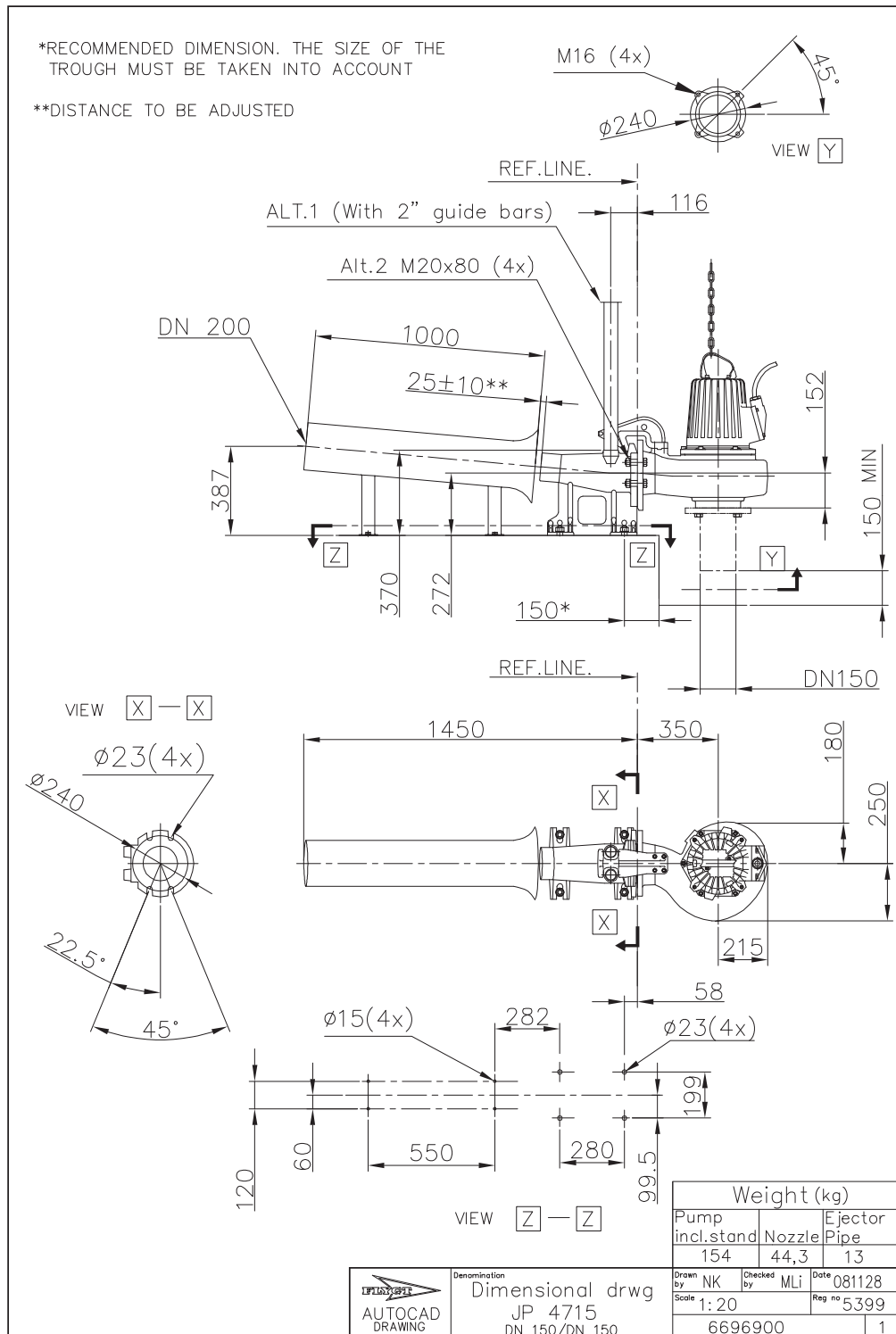
See [www.ittwww.com](http://www.ittwww.com) for further information.

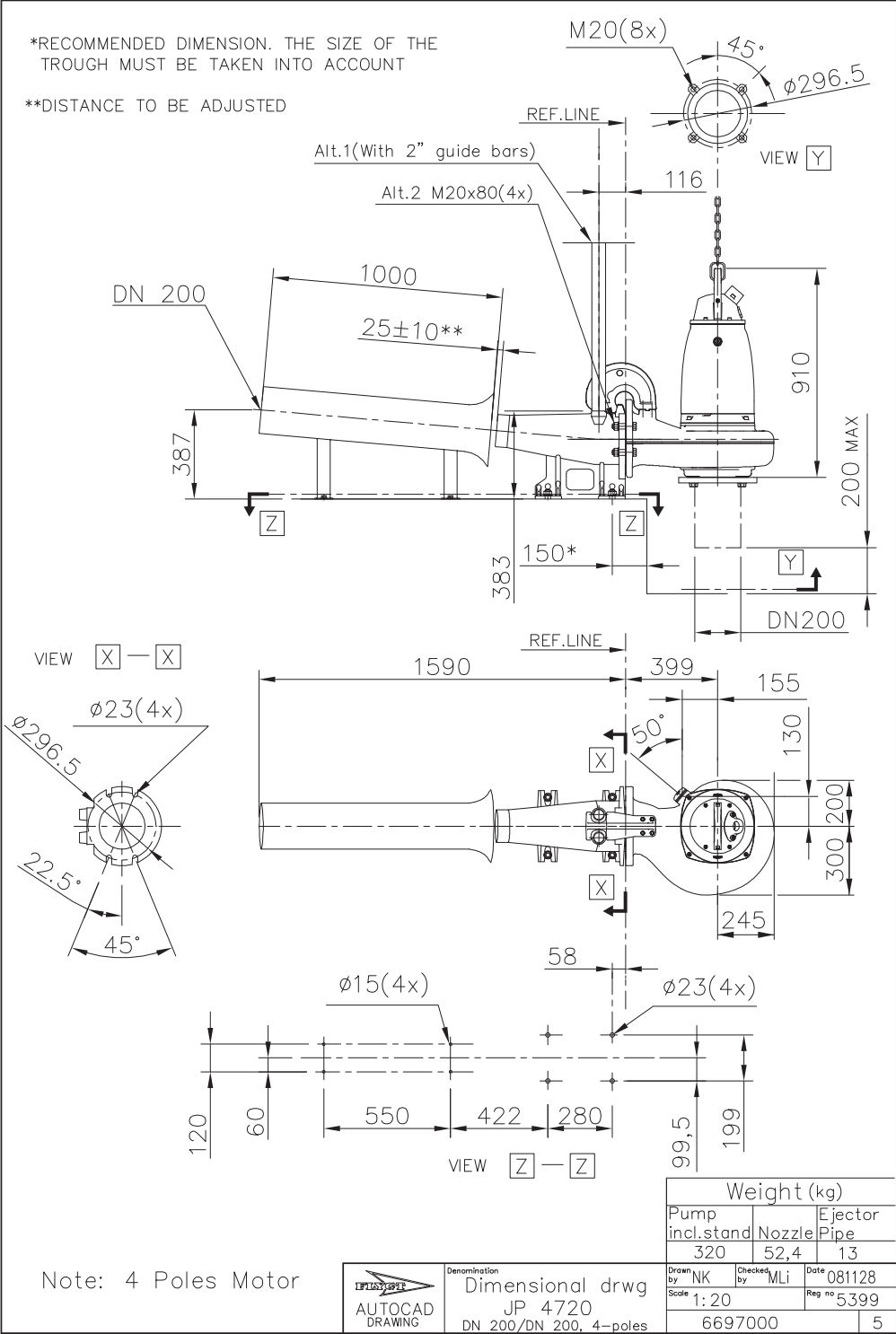
All dimensions are in mm.

\*\*DISTANCE TO BE ADJUSTED



669 69 00









### **What can ITT Water & Wastewater do for you?**

Integrated solutions for fluid handling are offered by ITT Water & Wastewater as a world leader in transport and treatment of wastewater. We provide a complete range of water, wastewater and drainage pumps, equipment for monitoring and control, units for primary and secondary biological treatment, products for filtration and disinfection, and related services. ITT Water & Wastewater, headquartered in Sweden, operates in some 140 countries across the world, with own plants in Europe, China and North and South America. The company is wholly owned by the ITT Corporation of White Plains, New York, supplier of advanced technology products and services.



**WEDECO**



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