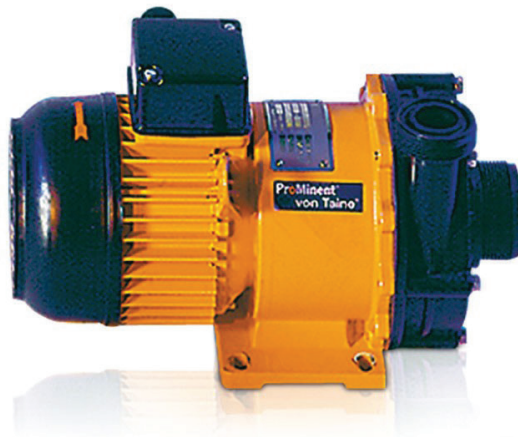


# Centrifugal Pump von Taine®

The safe and high-quality solution when liquid media need to be pumped leak-free

**ProMinent®**



## Capacity range up to 22,500 l/h, discharge lift up to 23.5 m WC

The von Taine® pump is a solenoid-coupled centrifugal pump. Thanks to the solenoid coupling, the pump transports the liquid medium from storage tank to storage tank without any leaks or even from a tank to a discharge line. The von Taine® centrifugal pump transports media at up to 22,500 l/h and up to a discharge lift of 23.5 metres. As the pump capacity is highly dependent on the back pressure, always observe the performance curve.

### Important note

Check the material tolerability when selecting your pump. Take into consideration the density, viscosity and temperature of the medium to be transported. Please also note: The transported media should not contain any solid fractions. The pump is not self-priming and requires a feed.

### Your benefits

- Safe and reliable: Leak-free pumping of liquid chemicals.
- Coupling between motor and impeller via magnetic coupling.

### Field of application

- Leak-free pumping of liquid chemicals.



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## Technical Data

### von Taine®, PP/FKM Version

|                        | Feed rate at max. pressure | Feed lift max. | Power uptake | Voltage/frequency | Weight | Part No. |
|------------------------|----------------------------|----------------|--------------|-------------------|--------|----------|
|                        | l/h                        | m              | kW           |                   | kg     |          |
| von Taine® 0502 PP/FKM | 1,800                      | 4.5            | 0.06         | 1~/230 V/50 Hz    | 2.7    | 1023089  |
| von Taine® 0807 PP/FKM | 6,600                      | 7.9            | 0.25         | 3~/400 V/50 Hz    | 5.0    | 1023090  |
| von Taine® 1010 PP/FKM | 9,600                      | 10.0           | 0.37         | 3~/400 V/50 Hz    | 7.6    | 1023091  |
| von Taine® 1313 PP/FKM | 13,200                     | 13.2           | 0.65         | 3~/400 V/50 Hz    | 8.7    | 1023092  |
| von Taine® 1820 PP/FKM | 19,500                     | 18.1           | 1.10         | 3~/400 V/50 Hz    | 16.0   | 1023093  |
| von Taine® 2323 PP/FKM | 22,500                     | 23.5           | 1.50         | 3~/400 V/50 Hz    | 17.0   | 1023094  |

### von Taine®, PVDF/FKM Version

|                          | Feed rate at max. pressure | Feed lift max. | Power uptake | Voltage/frequency | Weight | Part No. |
|--------------------------|----------------------------|----------------|--------------|-------------------|--------|----------|
|                          | l/h                        | m              | kW           |                   | kg     |          |
| von Taine® 0502 PVDF/FKM | 1,800                      | 4.5            | 0.06         | 1~/230 V/50 Hz    | 2.8    | 1023095  |
| von Taine® 0807 PVDF/FKM | 6,600                      | 7.9            | 0.25         | 3~/400 V/50 Hz    | 5.2    | 1023096  |
| von Taine® 1010 PVDF/FKM | 9,600                      | 10.0           | 0.37         | 3~/400 V/50 Hz    | 8.0    | 1023097  |
| von Taine® 1313 PVDF/FKM | 13,200                     | 13.2           | 0.65         | 3~/400 V/50 Hz    | 9.0    | 1023098  |
| von Taine® 1820 PVDF/FKM | 19,500                     | 18.1           | 1.10         | 3~/400 V/50 Hz    | 16.7   | 1023099  |
| von Taine® 2323 PVDF/FKM | 22,500                     | 23.5           | 1.50         | 3~/400 V/50 Hz    | 17.7   | 1023100  |

### von Taine®, PP/EPDM Version

|                         | Feed rate at max. pressure | Feed lift max. | Power uptake | Voltage/frequency | Weight | Part No. |
|-------------------------|----------------------------|----------------|--------------|-------------------|--------|----------|
|                         | l/h                        | m              | kW           |                   | kg     |          |
| von Taine® 0502 PP/EPDM | 1,800                      | 4.5            | 0.06         | 1~/230 V/50 Hz    | 2.7    | 1028551  |
| von Taine® 0807 PP/EPDM | 6,600                      | 7.9            | 0.25         | 3~/400 V/50 Hz    | 5.0    | 1028552  |
| von Taine® 1010 PP/EPDM | 9,600                      | 10.0           | 0.37         | 3~/400 V/50 Hz    | 7.6    | 1028553  |
| von Taine® 1313 PP/EPDM | 13,200                     | 13.2           | 0.65         | 3~/400 V/50 Hz    | 8.7    | 1028564  |
| von Taine® 1820 PP/EPDM | 19,500                     | 18.1           | 1.10         | 3~/400 V/50 Hz    | 16.0   | 1028565  |
| von Taine® 2323 PP/EPDM | 22,500                     | 23.5           | 1.50         | 3~/400 V/50 Hz    | 17.0   | 1028566  |

### von Taine®, PVDF/EPDM Version

|                           | Feed rate at max. pressure | Feed lift max. | Power uptake | Voltage/frequency | Weight | Part No. |
|---------------------------|----------------------------|----------------|--------------|-------------------|--------|----------|
|                           | l/h                        | m              | kW           |                   | kg     |          |
| von Taine® 0502 PVDF/EPDM | 1,800                      | 4.5            | 0.06         | 1~/230 V/50 Hz    | 2.8    | 1028567  |
| von Taine® 0807 PVDF/EPDM | 6,600                      | 7.9            | 0.25         | 3~/400 V/50 Hz    | 5.2    | 1028568  |
| von Taine® 1010 PVDF/EPDM | 9,600                      | 10.0           | 0.37         | 3~/400 V/50 Hz    | 8.0    | 1028569  |
| von Taine® 1313 PVDF/EPDM | 13,200                     | 13.2           | 0.65         | 3~/400 V/50 Hz    | 9.0    | 1028570  |
| von Taine® 1820 PVDF/EPDM | 19,500                     | 18.1           | 1.10         | 3~/400 V/50 Hz    | 16.7   | 1028571  |
| von Taine® 2323 PVDF/EPDM | 22,500                     | 23.5           | 1.50         | 3~/400 V/50 Hz    | 17.7   | 1028572  |



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## Parameters For Use

|                      | Medium temperature max.<br>°C | Maximum density<br>kg/dm <sup>3</sup> | Max. viscosity<br>mPas | Max. system pressure at 20° C<br>bar |
|----------------------|-------------------------------|---------------------------------------|------------------------|--------------------------------------|
| von Taine® 0502 PP   | 80                            | 1.25...1.35                           | 20                     | 1.0                                  |
| von Taine® 0807 PP   | 80                            | 1.20...1.80                           | 20                     | 2.5                                  |
| von Taine® 1010 PP   | 80                            | 1.60...2.00                           | 20                     | 2.5                                  |
| von Taine® 1313 PP   | 80                            | 1.60...1.90                           | 20                     | 2.5                                  |
| von Taine® 1820 PP   | 80                            | 1.10...1.80                           | 20                     | 5.0                                  |
| von Taine® 2323 PP   | 80                            | 1.00...2.00                           | 0                      | 5.0                                  |
| von Taine® 0502 PVDF | 95                            | 1.25...1.35                           | 20                     | 1.0                                  |
| von Taine® 0807 PVDF | 95                            | 1.20...1.80                           | 20                     | 2.5                                  |
| von Taine® 1010 PVDF | 95                            | 1.60...2.00                           | 20                     | 2.5                                  |
| von Taine® 1313 PVDF | 95                            | 1.60...1.90                           | 20                     | 2.5                                  |
| von Taine® 1820 PVDF | 95                            | 1.10...1.80                           | 20                     | 5.0                                  |
| von Taine® 2323 PVDF | 95                            | 1.00...2.00                           | 20                     | 5.0                                  |

### ■ SYDNEY OFFICE

4 Narabang Way,  
BELROSE NSW 2085  
P 02 9450 0995  
sales@prominentfluid.com.au

### ■ QUEENSLAND OFFICE

Unit 1, 68 Murdoch Circuit,  
ACACIA RIDGE QLD 4110  
P 07 3213 1900  
pfcqld@prominentfluid.com.au

### ■ VICTORIA OFFICE

27 Sierra Circuit  
PAKENHAM VIC 3810  
P 03 8795 7430  
pfcvic@prominentfluid.com.au

### ■ WESTERN AUSTRALIA OFFICE

2/158 Francisco Street  
BELMONT WA 6104  
pfcwa@prominentfluid.com.au