

# Centrifugal Pump von Taine®

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



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