

## 2000-A | 2000-B | 2001-A | 2001-B

A high quality stainless steel pump with numerous applications in industrial plants and production facilities, the appropriate choice for transferring corrosive fluids. Frequently used in food and beverage industry.

### Applications

- ▶ delivering
- ▶ filtering
- ▶ dosing
- ▶ decanting
- ▶ draining

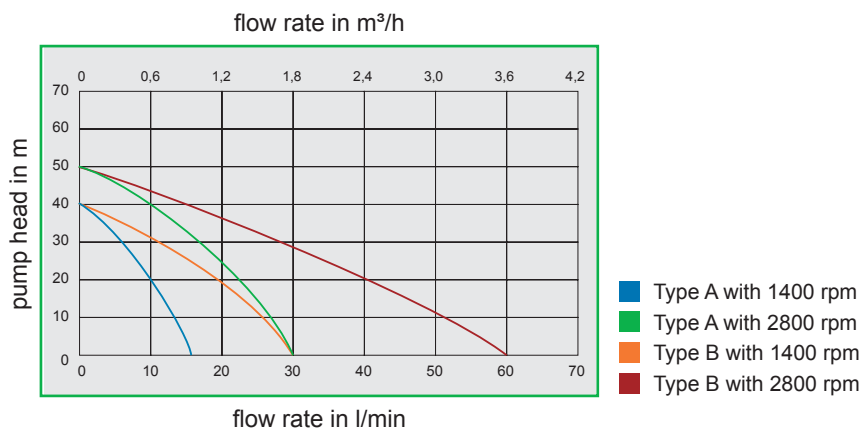
### Fluids

- ▶ Food, drinks
- ▶ mash
- ▶ chemicals, acids, bases
- ▶ liquid fertilizers
- ▶ dyes, glues
- ▶ vegetable oils
- ▶ cooling lubricants
- ▶ fire fighting foam agents



NIROSTAR 2000-A/B

### Characteristic curves:



NIROSTAR 2001-A/B

<sup>1)</sup> For more information about the Star Handles - Page 16

### Technical details

NIROSTAR	2000-A								2000-B								2001-A	2001-B
Flow rate max. (l/min)	15	30	15	30	15	30	15	30	30	60	30	60	30	60	30	60	30	60
Pressure max. (bar)*	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	
connections	¾"								1"								¾"	1"
Volt	230		400		12		24		230		400		12		24		NIROSTAR without drive unit	
rpm	1.400	2.800	1.400	2.800	1.500	3.000	1.500	3.000	1.400	2.800	1.400	2.800	1.500	3.000	1.500	3.000		
Ampere	3,2		2,1		1,9		39		4,4		4		2,8		2,4			
motor power	0,37 kW				0,25 kW				0,55 kW				0,37 kW					
temperature max.	90°C								90°C								90°C	
weight	9,8 kg								10,4 kg								1,5 kg	2 kg

\* with Perbunan-Impeller

## 2000-C | 2000-D | 2001-D

### NIROSTAR C - F

#### Applications

- ▶ clean tanks
- ▶ cleaning ponds
- ▶ delivering
- ▶ filtering
- ▶ dosing
- ▶ decanting
- ▶ draining

#### Fluids

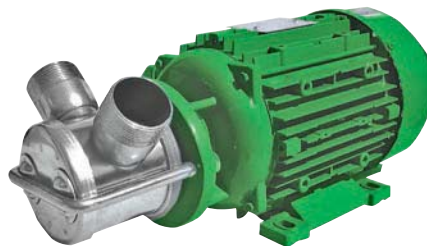
- ▶ heating oil, diesel fuel
- ▶ food, drinks
- ▶ mash
- ▶ chemicals
- ▶ acids
- ▶ bases
- ▶ liquid fertilizers
- ▶ dyes, glues
- ▶ vegetable oils
- ▶ surface treatment
- ▶ cooling lubricants
- ▶ fire fighting foam agents
- ▶ concrete admixtures

#### Connections

On request available with following pipe fittings: BSP male thread, hygienic connection acc. to DIN 11851, Garolla fitting, SMS fitting, BSM (RJT) fitting and further optional connections.



NIROSTAR 2000-C



NIROSTAR 2000-D



NIROSTAR 2001-D

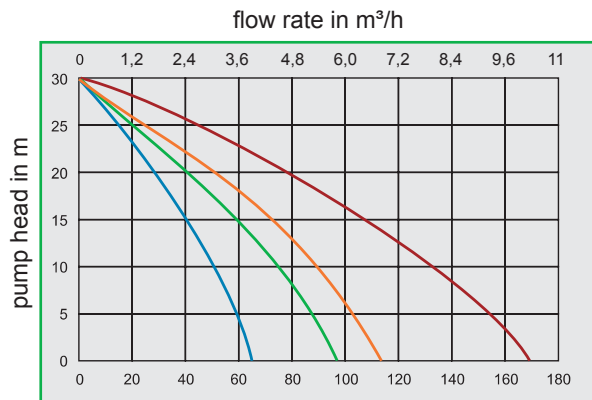
### Technical details

NIROSTAR	2000-C*					2000-D*			2001-D
Flow rate max. (l/min)	64	96	64	96	64	115	115	166	115
Pressure max. (bar)	3					3			3
connections	1¼"					1½"			1½"
Volt	230		400		24	230	400		NIROSTAR without drive unit
rpm	900	1.400	900	1.400	900	900	900	1.400	
Ampere	5	7,1	1,7	2,1	30	13	4,1	3,8	
motor power	0,56 kW	0,75 kW	0,56 kW	0,75 kW	0,56 kW	1,5 kW			
temperature max.	90°C					90°C			90°C
weight	15 kg					20 kg			5,4 kg

\* bidirectional motor

### Characteristic curves:

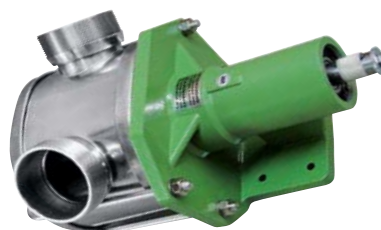
#### NIROSTAR C and D



- Type C with 900 rpm
- Type C with 1400 rpm
- Type D with 900 rpm
- Type D with 1400 rpm

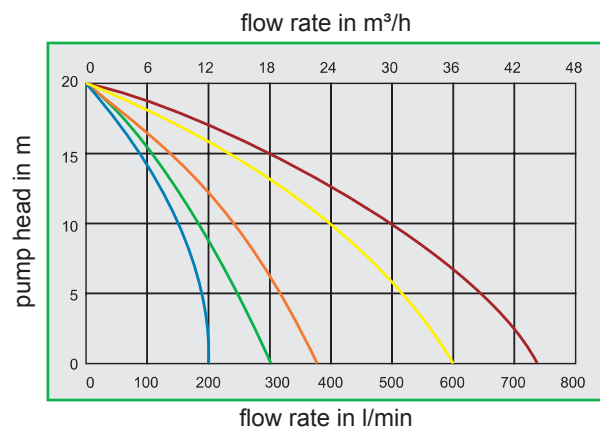


NIROSTAR 2000-E



NIROSTAR 2001-F

#### NIROSTAR E and F



- Type E with 470 rpm
- Type E with 700 rpm
- Type E with 900 rpm
- Type F with 470 rpm
- Type F with 600 rpm



NIROSTAR 2000-F  
with frequency converter and  
dry run protection on trolley

### Technical details

NIROSTAR	2000-E*			2000-F*		2001-E	2001-F
Flow rate max. (l/min)	200	300	375	600	730	375	730
Pressure max. (bar)	2			2		2	
connections	2"			3"		2"	3"
Volt	400			400		NIROSTAR without drive unit	
rpm	470	700	900	470	600		
Ampere	6,9	6	5,5	9,5	8,2		
motor power	1,25 kW	1,5 kW	1,87 kW	3,3 kW	3,5 kW		
temperature max.	90°C			90°C		90°C	
weight	38 kg	31 kg	31 kg	69 kg		9,7 kg	15,7 kg

\* bidirectional motor