

# Side Channel Centrifugal Pumps Stainless Steel - EP NIRO



## Side Channel Centrifugal Pumps

The pumps are available with various motors (AC, DC and threephase current) or with V-belt pulley for V-belt drive. They operate in both senses. The 230-Volt motors in addition are equipped with a change-over switch to change the direction of rotation.

The 230 V versions are equipped with a rotation direction switch.

Optional accessories for all types: Regulation valve (bypass) for flow control and trolley for easy transport.

## EP NIRO - for acids and food applications

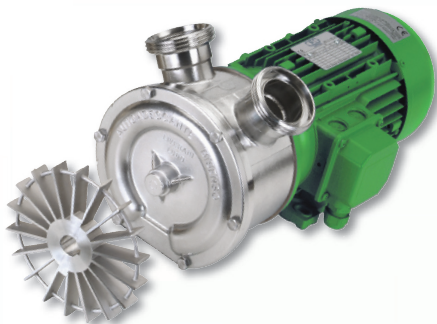
The self-priming ZUWA side channel centrifugal pumps, constructed of stainless steel, are particularly suitable for aggressive and corrosive media and for food.

### Features

- ▶ self-priming
- ▶ suction depth max. 6 meter
- ▶ pulsationfree pumping
- ▶ tolerates short dry-run periods

### Applications

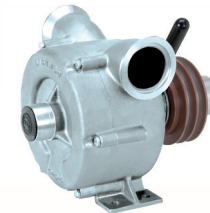
- ▶ beverages (e.g. wine, milk)
- ▶ acids
- ▶ water, sea water
- ▶ oils, fuel oil
- ▶ Diesel



EP Niro



EP Niro for V-belt drive with pedestal

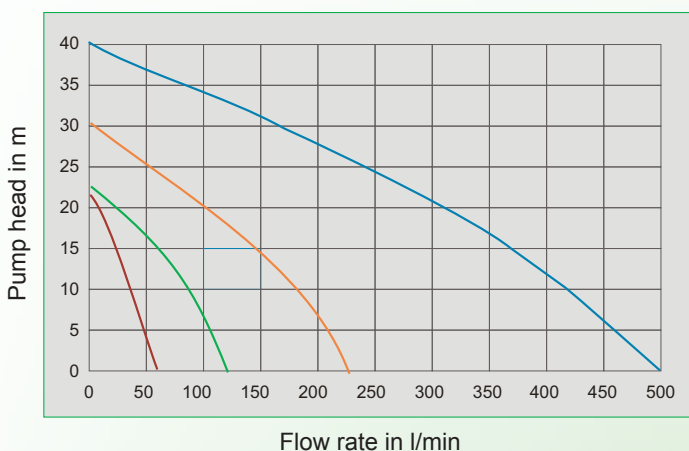


Version NAUTIC



EP Niro on trolley

## Characteristic curves:



- EP Niro 400/70 with 1400 rpm
- EP Niro 220/50 with 1400 rpm
- EP Niro 220/40 with 1400 rpm
- EP Niro 220/25 with 2800 rpm



# Side Channel Centrifugal Pump EP NIRO

## Technical details

### Pumps with AC motor or threephase current motor

Model	Motor			rpm	Flow rate max.	Pump head max.	Hose connection	Weight	Art.No.
	kW	V	A						
EP Niro220/25	0,45	230	4	2800	58 l/min	22 m	1¼", DN 30	9,5 kg	180025
EP Niro400/25	0,56	400	2	2800	58 l/min	22 m	1¼", DN 30	9,6 kg	180014
EP Niro220/40	1,1	230	6,4	1400	120 l/min	22 m	1½", DN 40	17,5 kg	180028
EP Niro400/40	1,1	400	2,8	1400	120 l/min	22 m	1½", DN 40	17,6 kg	180039
EP Niro220/50	1,86	230	12,1	1400	230 l/min	30 m	2", DN 50	27,5 kg	180029
EP Niro400/50	1,86	400	4,41	1400	230 l/min	30 m	2", DN 50	26,5 kg	180035
EP Niro400/70	5,5	400	11,8	1400	500 l/min	40 m	3", DN 70	75 kg	180036

### Pumps with DC motor\*

Model	Motor			rpm	Flow rate max.	Pump head max.	Hose connection	Weight	Art.No.
	kW	V	A						
EP Niro12/25	0,37	12	32	2000	43 l/min	10 m	1¼", DN 30	9,1 kg	180027
EP Niro24/25	0,37	24	20	2000	43 l/min	10 m	1¼", DN 30	9,3 kg	180021
EP Niro24/40	1,12	24	45	1400	120 l/min	22 m	1½", DN 40	19,9 kg	180013

\*not suitable for continuous operation

### Pumps for V-belt drive with pedestal or type NAUTIC

Model	rpm	Flow rate max.	Pump head max.	Hose connection	Weight	Art.No.
EP Niro/K40	1400	120 l/min	22 m	1½", DN 40	7,4 kg	180207
EP Niro/K50	1400	230 l/min	30 m	2", DN 50	12,8 kg	180208
EP Niro/K70**	1400	500 l/min	40 m	2½", NW 70	25,3 kg	180211

\*\*only in version NAUTIC available

Models K40 and K50 are also available with elektromagnetic clutch



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