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.

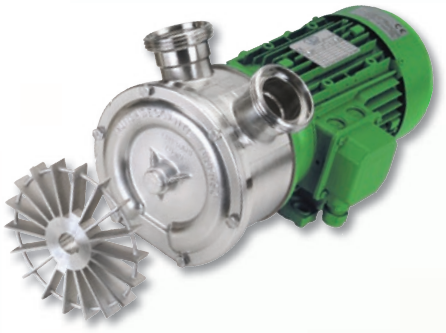
Features

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

Applications

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

Version NAUTIC

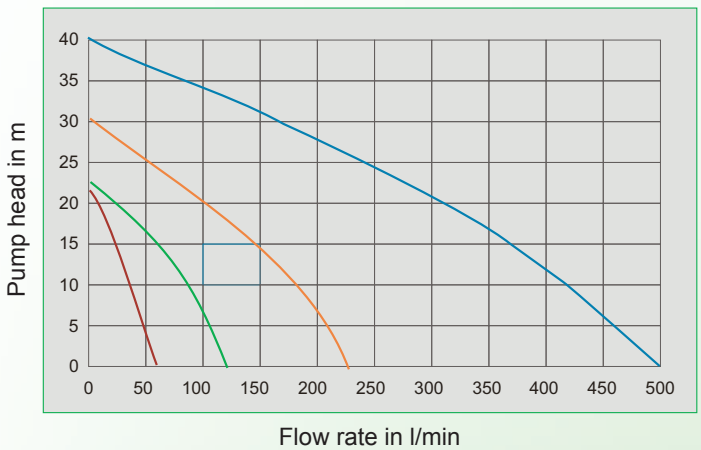


EP Niro

EP Niro for V-belt drive with pedestal

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

QUALITY SINCE 1946

Side Channel Centrifugal Pump EP NIRO

Technical details

Pumps with AC or DC motor in 220V and 400V

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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