

Side Channel Centrifugal Pumps EP BRONZE



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 models: Regulation valve (bypass) for flow control and trolley for easy transport.

EP BRONZE - high capacity pumps for various applications

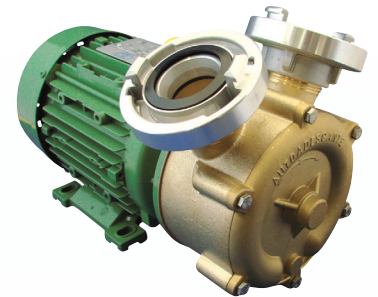
The self-priming ZUWA side channel centrifugal pumps, constructed of bronze, are suitable for all fluids with a temperature up to 70°C without solids or abrasive particles.

Features

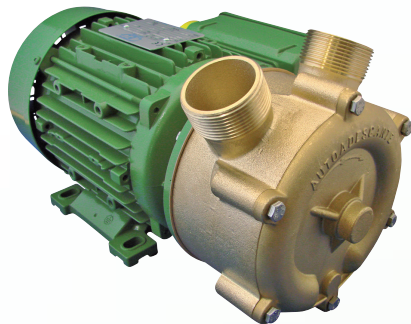
- ▶ self-priming
- ▶ suction height max. 6 m
- ▶ fluid temperature max. 70°C
- ▶ pulsationfree pumping
- ▶ tolerates short dry-run periods

Applications

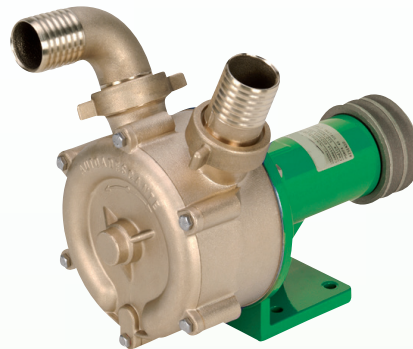
- ▶ water, sea water
- ▶ oils, fuel oil
- ▶ Diesel
- ▶ beverages (e.g. wine, milk)



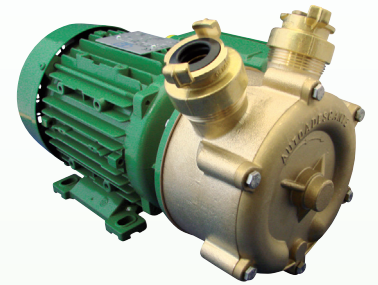
EP Bronze with C-coupling*



EP Bronze

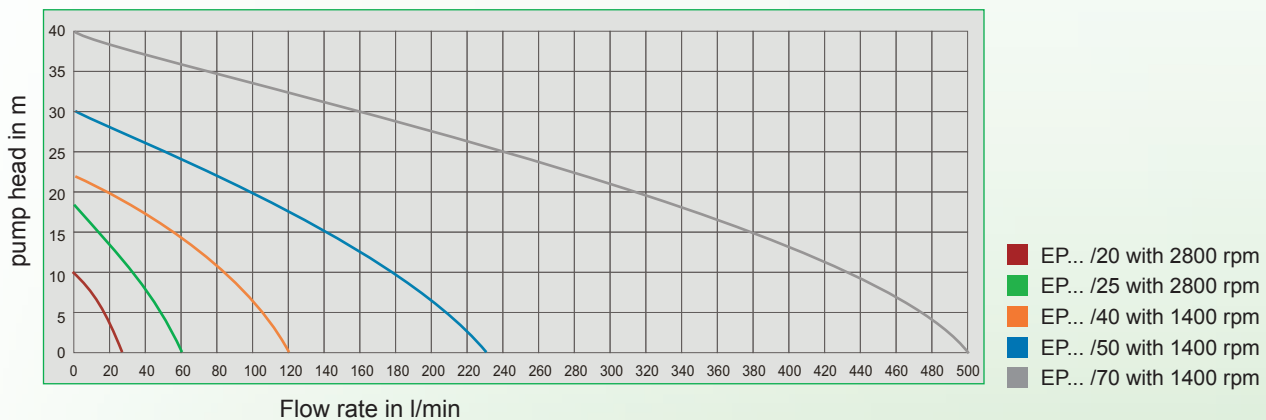


EP for V-belt drive with pedestal



EP Bronze with GEKA coupling*

Characteristic curves:



* couplings available on option

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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 m220/20	0,22	230	2,2	2800	29 l/min	12 m	¾", DN 19	6,3 kg	180009BSP
EP t400/20	0,25	400	0,8	2800	29 l/min	15 m	¾", DN 19	6,3 kg	180018BSP
EP m220/25	0,45	230	4	2800	60 l/min	18 m	1", DN 25	8 kg	180010BSP
EP t400/25	0,56	400	3,5	2800	60 l/min	18 m	1", DN 25	8 kg	180011BSP
EP m220/40	0,75	230	5,3	1400	120 l/min	22 m	1½", DN 40	16,2 kg	180020BSP
EP t400/40	0,75	400	3,64	1400	120 l/min	22 m	1½", DN 40	15,7 kg	180032BSP
EP m220/50	1,86	230	2,5	1400	230 l/min	30 m	2", DN 50	27,5 kg	180030BSP
EP t400/50	1,86	400	4,4	1400	230 l/min	30 m	2", DN 50	26 kg	180031BSP
EP t400/70	5,5	400	11,8	1400	500 l/min	40 m	2½", DN 70	75 kg	180012BSP

Pumps with DC motor*

Model	Motor			rpm	Flow rate max.	Pump head max.	Hose connection	Weight	Art.No.
	kW	V	A						
EP cc12/20	0,33	12	26	2000	25 l/min	10 m	¾", DN 19	5,7 kg	180001BSP
EP cc24/20	0,33	24	14	2000	25 l/min	10 m	¾", DN 19	5,6 kg	180002BSP
EP cc12/25	0,45	12	38	2000	53 l/min	12 m	1", DN 25	9,2 kg	180003BSP
EP cc24/25	0,45	24	22	2000	53 l/min	12 m	1", DN 25	9,3 kg	180005BSP
EP cc24/40	1,12	24	45	1400	120 l/min	22 m	1½", DN 40	19,8 kg	180004BSP

*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 K20	2800	29 l/min	15 m	¾", DN 20	2 kg	180201BSP
EP K25	2800	60 l/min	18 m	1", DN 25	2,8 kg	180202BSP
EP K30	1400	75 l/min	18 m	1¼", DN 30	5,6 kg	180204BSP
EP K40	1400	120 l/min	22 m	1½", DN 40	7,3 kg	180205
EP K50	1400	230 l/min	30 m	2", DN 50	12,5 kg	180206BSP

Models K30, K40 and K50 are also available with electromagnetic clutch, type NAUTIC additionally with clutch lever for manual operation.



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