

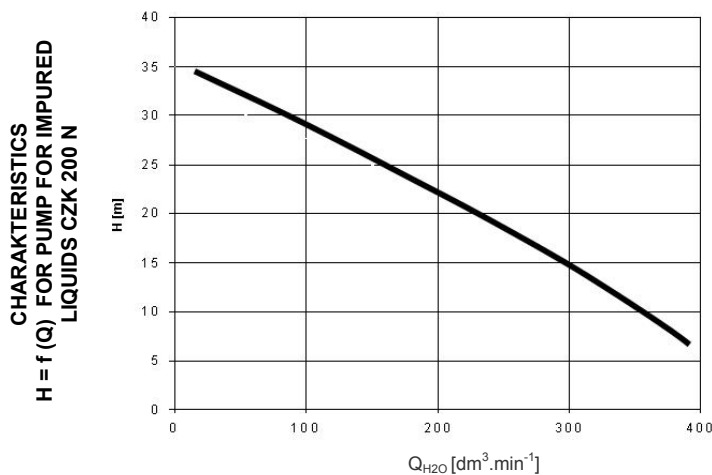
PUMPS FOR IMPURE LIQUIDS CZK 200 N AND ČK 2

Use and description:

Pumps for impure liquids **CZK 200 N** and **ČK 2** (hereinafter only pump) are equipment with pneumatic drive for pumping **the technological water and water containing sludge with particle max. diameter 5 mm in case of CZK 200 N and 10 mm of ČK 2**. The pumps are predominantly used in underground mine workplaces for the liquid removal from the flooded opening parts and collecting sumps, further during the downward driving etc.

The equipment consists from the pneumatic motor, centrifugal pump, suction basket, holder and body tube. The pumps are the submersible and portable ones. They can be operated with manual control or in a set with the Automatic for pneumatic pumps (e.g. APC 2N), which belongs to the manufacture program of the company. It is recommended to insert the filter with lubricator (e.g. FSV etc.).

It is possible, based on the order, to deliver the set with electrical or hydraulic (oil, emulsion) drive featuring the similar characteristics.



CZK 200 N



ČK 2

Characteristics:

Type		CZK 200 N	ČK 2
Pumped quantity Q_{H_2O} , head H		see characteristics $H = f(Q)$	416 dm ³ /min at 0.5 MPa, head depending on the mixture to be pumped
Air pressure	MPa	0.4 – 0.6	0.4 – 0.6
Air consumption at max. output	m ³ ·min ⁻¹	2	2
Air filtration	μm	30	30
Pump idle rpm	1·min ⁻¹	3 000	3 000
Discharge port DN/connecting hose ID	-	G 2"/19	G 2"/19
Max. temperature of the pumped liquid	°C	50	50
Dimensions (w x l x hv)	mm	403x219x636	493x310x588
Weight	kg	28	25
Noisiness	dBA	92.5	85.0

Type marking:

CZK 200 N, ČK 2

CZK PUMP FOR IMPURED LIQUIDS
200 row number
N explosion proof version

ČK SLURRY PUMP
2 row number

The product has been designed and constructed as the equipment group I (mine), category M2 according to the Directive 94/9/EC of the European Parliament and of the Council and meets the requirements for using in areas "hazardous atmospheric conditions 2" according to EN 1127-2+A1 on condition that all national regulations of the employer are fulfilled.

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