

PUMP SET KTX 80 Nv

Use and description:

Pump set **KTX 80 Nv** (hereinafter only set) is a self-suction pump with pneumatic drive, which is designed and constructed for pumping and piping transport of slurries, paste and other mixtures. The set is possible to fasten to the handling equipment and to lower for pumping the flooded mine spaces and sumps, surface tanks etc.

The principal part of the set is a frame, into which one or two stage screw pump is mounted, which is driven with the pneumatic motor through the gear-box. On the set suction the scraper propeller and protective basket are mounted.



KTX 80 Nv



Characteristics:

Type		KTX 80 Nv
Nominal capacity	m ³ .h ⁻¹	12
Max. output pressure of the mixture	MPa	0.6
Max. grain in mixture	mm	5
Set drive		pneumatic motor
Motor nominal output	kW	7.5
Required air pressure	MPa	0.4 – 0.6
Air filtration	µm	30
Set rpm control range during operation	min ⁻¹	250 - 392
Pump input and output dimension DN	mm	80
Dimensions (l x w x h)	mm	2 200x570x700
Weight	kg	418.0

Type marking:

KTX 80 Nv

KTX type marking

80 pump input and output diameter

Nv intended for using in potentially explosive atmospheres, pneumatic drive

The product has been designed and constructed as the equipment group I (mine), category M2 and equipment group II (mine surface installations), category 2 according to the Directive 94/9/EC of the European Parliament and of the Council and meets the requirements for using in areas “dangerous atmospheric conditions 2” according to EN 1127-2+A1 and “zone 1” according to EN 1127-1 on condition that all national regulations of the employer are fulfilled.

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