

PUMP SET KTX 100 NH

Use and description:

Pump set **KTX 100 NH** (hereinafter only set) is a self-suction screw pump with hydraulic drive, which is used for pumping a piping transport of slurries, paste and other mixtures suitable for pumping.

The set is fastened to the carrier, which may be – according to the employer's - e.g. special handling equipment, twin of monorail trolleys event. other solution according to the technology project.

The set consists of following principal parts: single screw- pump; hydraulic motor; pump frame; pressure line; hydraulic connection. It is possible, based on special order, to use the emulsion motor type VVK as a drive.



KTX 100 NH

Characteristics:

Type		KTX 100 NH
Nominal capacity	m ³ .h ⁻¹	22
Max. mixture output pressure	MPa	1.2
Max. grain in mixture	mm	7
Set drive		hydraulic motor
Motor nominal output	kW	8
Pressure medium		hydraulic liquid having a viscosity of 46 mm ² .s ⁻¹ at 40°C
Max. hydraulic oil pressure	MPa	16
Oil flow rate at nominal output	dm ³ .min ⁻¹	60
Oil filtration	µm	25
Set rpm control range during operation	1.min ⁻¹	250 ÷ 375
Suction and output DN	mm	100
Pump output		fire fighting hose connection B 75
Dimensions (l x w x h)	mm	1 865x200x240
Weight	kg	157.0

Type marking:

KTX 100 NH
 KTX type marking
 100 pump input and output diameter
 NH inexplusive version, hydraulic drive

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 "dangerous atmospheric conditions 2" according to EN 1127-2+A1 on condition that all national regulations of the employer are fulfilled.