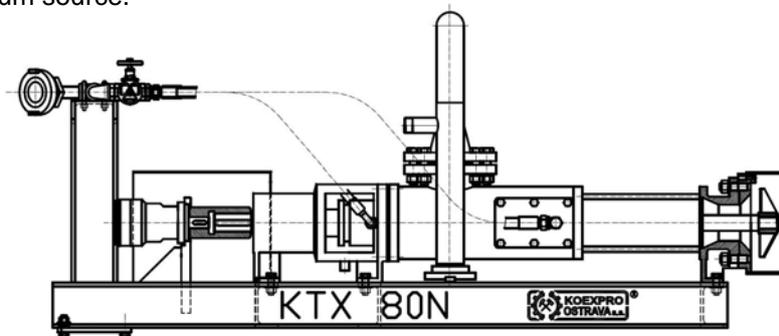


PUMP SET KTX 80 N

Use and description:

Pump set **KTX 80 N** (hereinafter only set) is a self-suction pump with hydraulic drive designed and constructed for pumping and piping transport of slurries, paste and other liquid mixtures. The set is possible to fasten to the carrier, which may be special handling equipment (e.g. Rail handling equipment MZK, product of the KOEXPRO OSTRAVA a.s. company) or to other suitable handling equipment available to the employer of the set (loader HAUSHERR etc.) The set is driven by the oil-hydraulic from the separate source or directly from the loader.

The set consists of the following principal parts: one-stage or two-stage screw pump equipped with the input branch containing the sieve and the scrape propeller, hydraulic motor with clutch, frame enabling the fastening of the set to the carriers, pressure piping line enabling the direction control of the pumped mixture to the waste hose and washing the set and hoses with service water, the hydraulic distribution system for connecting the set to the pressure medium source.



Characteristics:

KTX 80 N

Type	KTX 80 N	
Nominal capacity	m ³ .h ⁻¹	12
Max. output pressure of the mixture	MPa	1.2
Max. grain in mixture	mm	5
Set drive		hydraulic motor
Motor nominal output	kW	7
Pressure medium	hydraulic liquid having a viscosity of 46 mm ² .s ⁻¹ at 40°C	
Hydraulic oil max. pressure	MPa	16
Oil flow rate at nominal output	dm ³ .min ⁻¹	39
Oil filtration	µm	25
Set rpm control range during operation	1.min ⁻¹	250 – 450
Pump input and output diameter	mm	80
Pump output		fire fighting hose connection B 75
Dimensions (l x w x h)	mm	1 600x380x700
Weight	kg	228.0

Type marking:

KTX 80 N

KTX type marking
80 pump input and output diameter
N 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.