

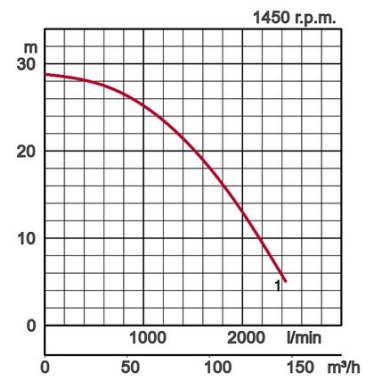
## Specifications:

Model	Colour code curve	Bore mm	Motor output kW	Rated current A	Head max. m	Capacity max. l/min	Dry weight kg w/o cable	Max. solid handling ø mm	Pressure resistance max. m	Cable length m
NKZ3-100H	1	100	11,0	22,0	28,8	2440	196,0	20	15	20

## All Purpose Sand Pumps

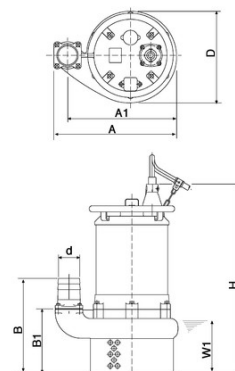
All pumps in this series provide very smooth passage of sandy earth and slime. A forcibly cooled motor ensures long and continuous pump operations exposed to the air.

ø Discharge bore mm		100		
Pumping Fluid	Temperature	0-40°C		
	Type of Fluid	Liquids containing sandy mud, Sand carrying water		
Pump	Components	Impeller	Open type impeller	
		Shaft Seal	Double mechanical seal	
		Bearings	Shielded ball bearings	
	Material	Impeller	Chromium iron casting	
		Casing	Grey iron casting EN-GJL-200	
		Suction Plate	Ductile iron casting EN-GJS-700-2	
		Shaft Seal	Silicon carbide in oil bath	
Motor	Type, Poles		Induction motor, 4 poles, IP68	
	Motor Protector (built-in)		Circle thermal cut-out	
	Phase / Voltage		3-phase / 400V / 50Hz / d.o.l.	
	Insulation		Insulation class B	
	Lubrication		Turbine oil (ISO VG32)	
	Material	Casing	Grey iron casting EN-GJL-150	
		Shaft	Stainless steel EN-X30Cr13	
Cable		Rubber, NSSHÖU		
Discharge Connection		Threaded flange/Hose coupling		



## Dimensions in mm:

Model	d	A	A1	B	B1	D	H	W1
NKZ3-100H	100	547	486	422	284	414	841	240



W1: lowest running water level

In the event of abrasive and corrosive utilization, stronger wear and tear will take place naturally in certain components. In this regard, please pay attention to our website [www.tsurumi.eu/english/applications.htm](http://www.tsurumi.eu/english/applications.htm).