

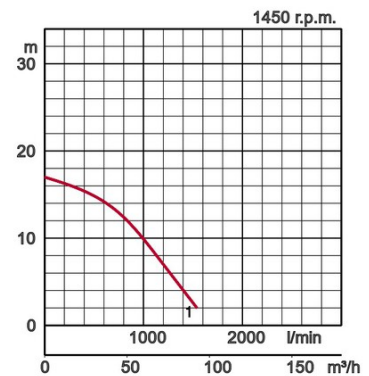
## Specifications:

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-D3	1	80	3,7	8,0	17,0	1540	100,0	30	15	20

## All Purpose Sand Pumps

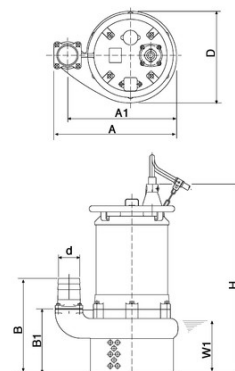
All pumps in this series provide very smooth passage of sandy earth and slime. A forcibly cooled motor ensures long and continuous pump operations exposed to the air.

ø Discharge bore mm		80	
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	Ductile iron casting EN-GJS-700-2
		Casing	Grey iron casting EN-GJL-200
		Suction Plate	Grey iron casting EN-GJL-200
		Shaft Seal	Silicon carbide in oil bath
Motor	Type, Poles		Induction motor, 4 poles, IP68
	Lubrication		Turbine oil (ISO VG32)
	Motor Protector (built-in)		Circle thermal cut-out
	Insulation		Insulation class E
	Phase / Voltage		3-phase / 400V / 50Hz / d.o.l.
	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-D3	80	467	405	371	249	370	664	225



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).