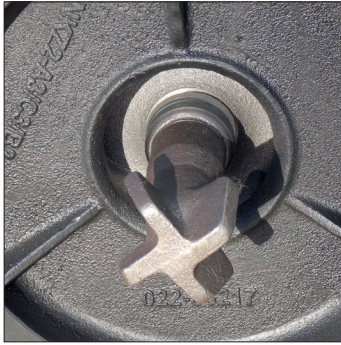


SUBMERSIBLE SLURRY

NKZ AGITATOR

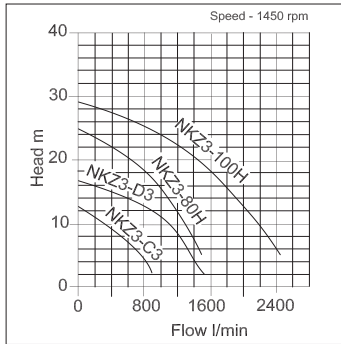


NKZ models are three phase slurry pumps, in cast iron, with a built-in agitator to stir sand, bentonite and pulverized solids into suspension for pumping. Capable of pumping large volumes at high heads, motors are 4 pole for increased wear resistance, they have a generous solids capacity. Constructed in superior grade materials throughout, they give exceptional performance in harsh operating conditions. The hydraulic design features a double mechanical seal, with an oil lifter, for positive seal lubrication in any operating position. The spiral shape of the pump casing, an air and water channel around the motor and the air-release valve, all combine to provide smooth, anti-clog pumping. Maintenance is straightforward, with simple replacement of parts, without the need for special tools. High-performance motors feature thermal protection, enabling simple installation and direct connection to the power supply.

Special use options: IDS (individually screened cable) is available on most models (Please request a quotation)

Fluid: Sand & silt carrying water | Ground water | Bentonite | Pulverised solids | Temp: 0 - 40°C

Application: Mines & quarries | Construction | Hire fleets | Industry | Processing



NKZ	Impeller	Shaft seal
	Open	Double mechanical

Pump	Handle	Outlet	Pump casing	Oil casing
	Steel	Cast iron	Grey cast iron	Grey cast iron
	Impeller	Impeller (80H & 100H)	Agitator	Suction cover
	Ductile iron	Chromium iron	Ductile iron	Grey cast iron
	Suction cover (80H & 100H)	Shaft	Shaft seal	Lubrication
	Ductile iron	S/S 420J2	Silicon carbide	Oil
Strainer				
Steel				

Motor	Poles, protection	Insulation (100H)	Insulation	Thermal protection
	4 pole, IP68	Class B	Class E	Integral
	Starting	Motor head cover	Motor casing	Power cable (20mtr)
	D.O.L.	Grey cast iron	Grey cast iron	Rubber



NKZ3-C3

item code	model	Manual or Auto	outlet (BSPM)	kW	volt	flow (l/min)	head (mtrs)	free passage (mm)	w x l x h (mm)	dry weight (kgs)
10-10-1209	NKZ3-C3	M	3"	2.2	400	930	12.6	30	467x370x664	91
10-10-1009	NKZ3-D3	M	3"	3.7	400	1540	17	30	467x370x664	100
10-10-1018	NKZ3-80H	M	3"	5.5	400	1530	24.9	20	491x401x754	132
10-10-1205	NKZ3-100H	M	4"	11	400	2440	28.8	20	547x414x841	196