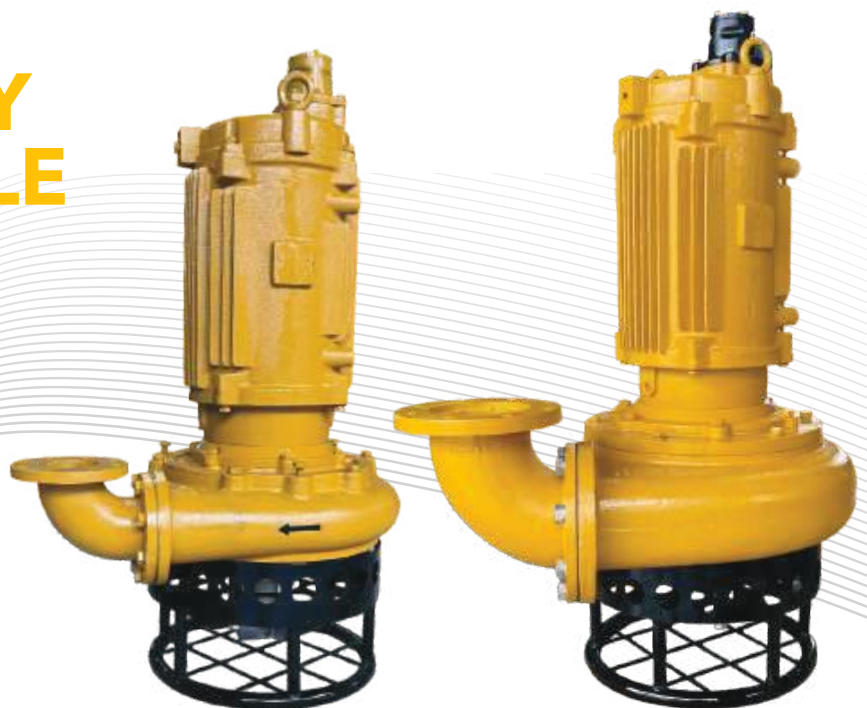


MCKARLEN

NDV-6P-50Hz

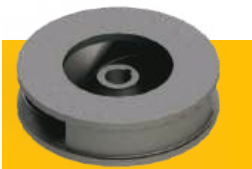


HEAVY DUTY SUBMERSIBLE SAND PUMP 6 POLE MODEL

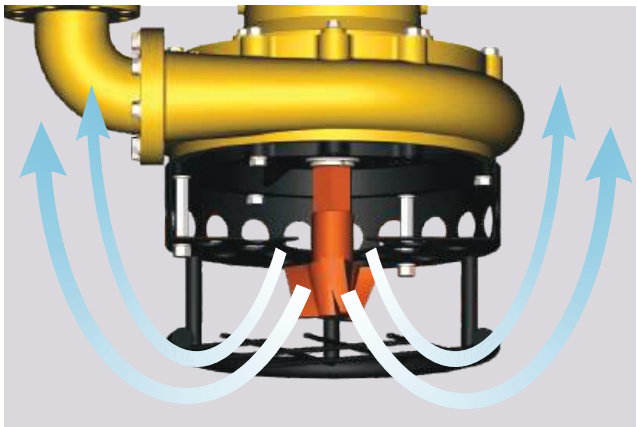


FEATURES

- Dry Motor Design, Full cast iron motor housing, equipped with double mechanical seal SiC Silicon Carbon Steel (Silicon Carbide).
- A High Chromium (HCR) Agitator is installed at the bottom of pump which can produce strong stirring water flow that can lift up mud and sand.



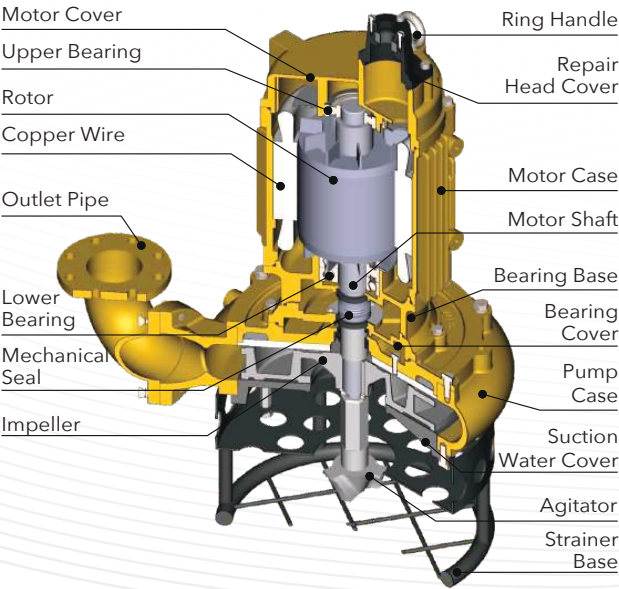
CLOSED IMPELLER



MATERIAL

ITEM		DIRECTION
Extract fluid	Liquid Temperature	0-40°C
	Application	Sewage
		Sedment Water
		Industrial Water
Structure	Frequency	50 Hz
	Motor	6 Pole Dry Squirrel Cage Motor
	Insulation Class	Class H
	Insulation Protection	IP68
	Protection Device	Thermal Protection & MS Water inlet Detetor
	Bearing	Deep Groove Ball Bearing
	Mechanical Seal	Double Mech. Seal
	Impeller	Closed Impeller
	Motor Cover	FC200
	Motor Case	FC200
Structure	Motor Shaft	SUS420
	Mechanical Shaft Seal	CA/CE & SiC/SiC SiC/SiC & SiC/SiC
	Impeller	FCD500, HCR
	Power Cable	VCT/2CT/PNCT/H07RN-F
	Other	Can by costumized by special request

DRAWING SECTION

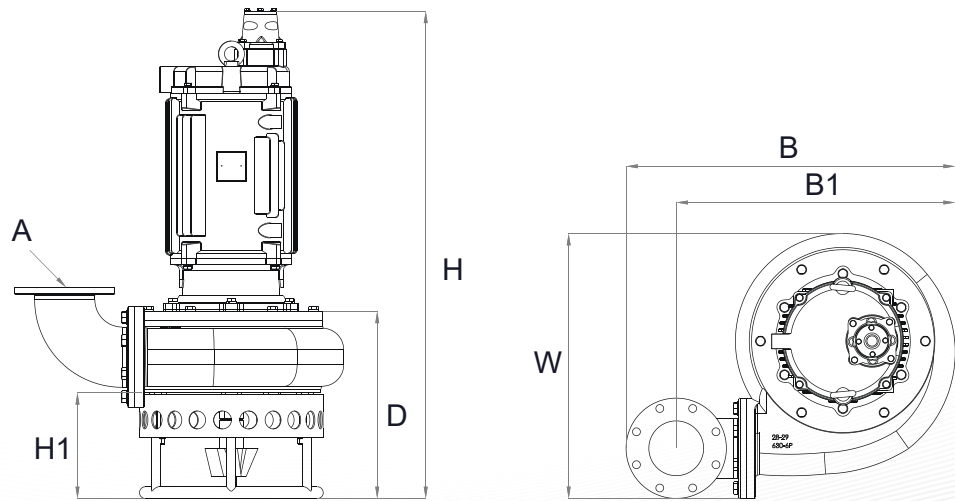


Specifications can be change without notice

APPLICATION



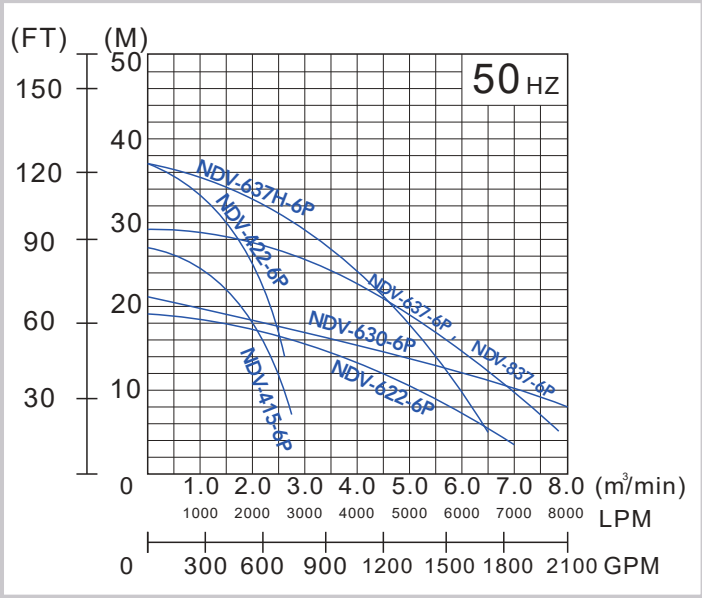
DIMENSION



Model	Dimension (mm)						
	A	B	B1	D	H	H1	W
NDV-415-6P	100	800	694	460	1176	295	618
NDV-422-6P	100	800	694	460	1245	295	618
NDV-622-6P	150	918	778	522	1358	295	739
NDV-630-6P	150	918	778	522	1379	295	739

Specifications can be change without notice

PERFORMANCE CURVE



TECHNICAL PARAMETER

Model	Phases PH	Poles	Rated Output		Outlet Pipe		Rated. Head	Rated. Flow	Max. Head	Max. Flow	Pass Solid	Weight
		P	HP	kW	Inch	mm	M	m³/min	M	m³/min	mm	Kg
NDV-415-6P	3	6	20	15	4"	100	22	1.5	27	2.8	35	414
NDV-422-6P			30	22	4"	100	30	1.5	37	2.6	35	440
NDV-622-6P			30	22	6"	150	20	1.5	19	7.0	60	557
NDV-630-6P			40	30	6"	150	12	6.0	21	8.0	40	
NDV-637-6P			50	37	6"	150	25	3.2	29	7.9	60	
NDV-637H-6P			50	37	6"	150	28	3.2	37	6.5	40	
NDV-837-6P			50	37	8"	200	15	6.0	29	7.9	60	



OVERLOAD
PROTECTION



DOUBLE
MECHANICAL
SEAL



HIGH EFFICIENCY
DRY MOTOR



HIGH CHROMIUM
AGITATOR