



AG SUBMERSIBLE SLURRY DEWATERING PUMPS



FEATURE

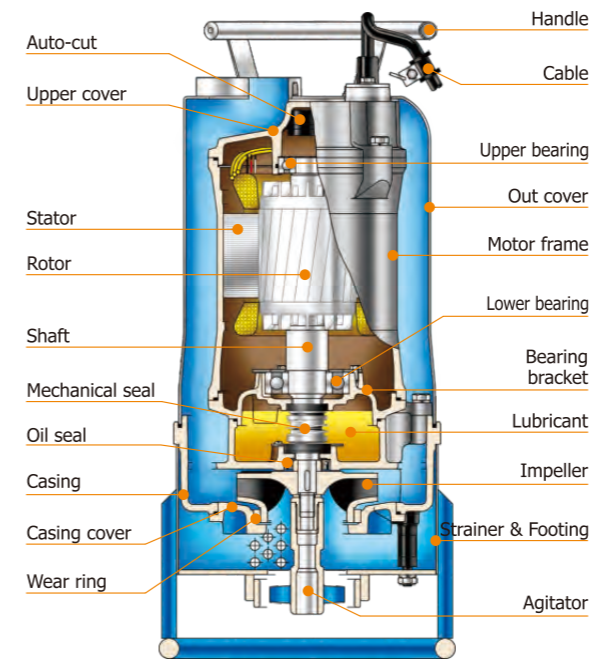
- Designed for civil engineering. It is light weight for easy portability; double outer casing and water cooling motor make it possible to run the pump in low water level.
- Best waterproof structure, automatic reset motor protector and double mechanical seals made of silicon carbide. Durable and leakproof.
- Compact, strong design and easy operation in any place.
- Impeller made of high chrome alloy (HiCrFC) steel with a hardness of 55~60 Rc. Harden and abrasion resistant.
- Equipped with a cast iron (FCD-700) agitator to create powerful stirring and pumping action for slurry.



Agitator

APPLICATIONS

- Civil engineering, dewatering for tunnel engineering, and use for manhole sewer.
- Dewatering fluid, containing solid sediment.
- Mobile use for contractors, installers and industry.



AG 2-5HP

AG 7.5-10HP

PERFORMANCE SPEC.

Model	Output HP(kW)	Size DN Inch(mm)	Phase	Start Method	Head (m)	Capacity		Solid Passage (mm)	Weight (kg)		Dimension (mm)				
						m³/min	m³/h		1Ø	3Ø	B		C		
80AGN21.5	2 (1.5)	3" (80)	1	Capacitor	9	0.5	30	10	41	36	260	592	547	544	499
				Direct											
80AGN22.2	3 (2.2)	3" (80)	1	Capacitor	13	0.5	30	10	45	40	260	622	547	574	499
				Direct											
80AGN23.7	5 (3.7)	3" (80)	3	Direct	21	0.5	30	10	-	45	260	-	577	-	529
80AGH25.5	7½ (5.5)	3" (80)	3	Direct	27	0.5	30	10	-	73	286	-	683	-	623
100AGN25.5	7½ (5.5)	4" (100)	3	Direct	18	1.0	60	10	-	76	286	-	683	-	623
100AGN27.5	10 (7.5)	4" (100)	3	Direct	24	1.0	60	10	-	81	286	-	683	-	623
150AGL25.5	7½ (5.5)	6" (150)	3	Direct	11	1.5	90	10	-	79	286	-	683	-	623
150AGL27.5	10 (7.5)	6" (150)	3	Direct	16	1.5	90	10	-	82	286	-	683	-	623

Note: Weight Without Cable & Outlet

SPECIFICATIONS

Discharge (mm)		80 • 100 • 150
Limits Of Use	Liquid Temp.	0~40°C (32~104°F)
	Applications	Dewatering fluid containing solid sediment
	Submersion Depth	30m (100feet)
Type	Frequency	50Hz
	Motor	2P (3000RPM) • Dry Motor
	Insulation	Class B(2~3HP) • Class F(5~10HP)
	Protection	IP68
	Protector	Auto-cut
	Bearing	Ball Type
Material	M.seal	Double M.seals
	Impeller	Semi-open(H) • Enclosed-channel(N/L)
	Outer Cover	SUS304
	Upper Cover	FC-200
	Motor Frame	FC-200 (2~10HP)
	Shaft End	SUS403(2~3HP) SUS304(5~10HP)
	M.seal	Upper: Carbon/Ceramic Lower: Silicon/Silicon
	Casing	FC-200
	Impeller	HiCrFC
	Wear Ring/Plate	HiCrFC
Agitator	FCD-700	
Cable	VCT or H07RN-F or SJOW/SOW	
Optional	Pumps can be customized to fit specifications	

PERFORMANCE CURVES

