



# AG SUBMERSIBLE SLURRY DEWATERING PUMPS



## FEATURE

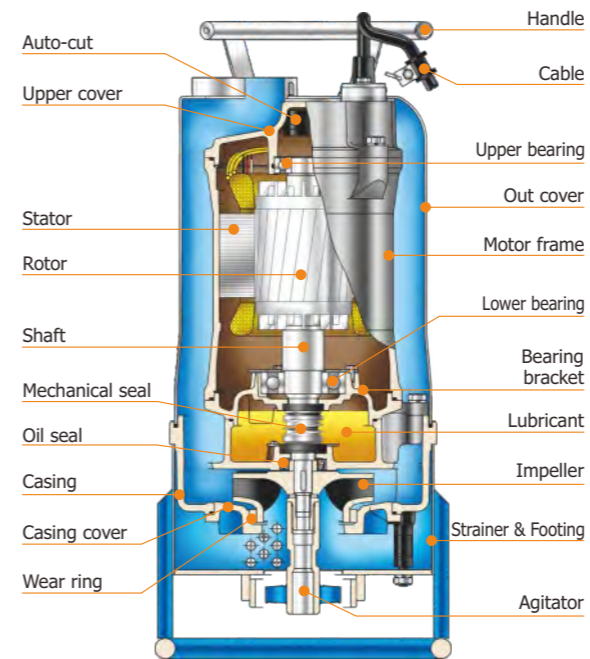
- Designed for civil engineering. It is light weight for easy portability; double outer casing and water cooling motor make it possible to run the pump in low water level.
- Best waterproof structure, automatic reset motor protector and double mechanical seals made of silicon carbide. Durable and leakproof.
- 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

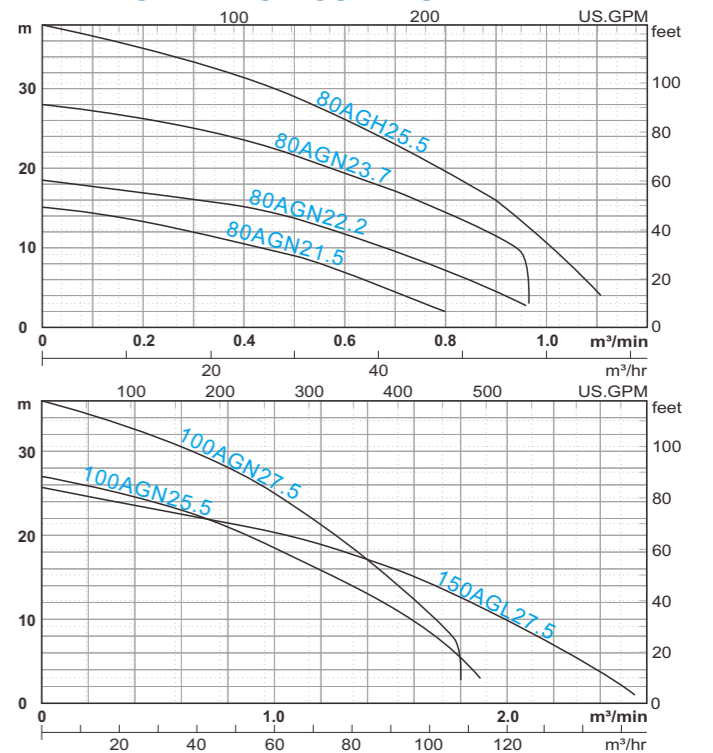


AG 7.5-10HP

## 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	60Hz
	Motor	2P (3600RPM) • 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



## PERFORMANCE SPEC.

Model	HP(kW)	Discharge Inch(mm)	Phase Ø	Start Method	Standard		Solid Passage mm(inch)	Weight kg(lb)		Dimension (mm)				
					m - m³/min	ft - GPM		1Ø	3Ø	A	B	C	1Ø	3Ø
80AGN21.5	2 (1.5)	3" (80)	1 3	Capacitor Direct	8.5 - 0.5	28 - 132	10 (½")	41 (90)	36 (79)	260	592	547	544	499
80AGN22.2	3 (2.2)	3" (80)	1 3	Capacitor Direct	13.5 - 0.5	45 - 132	10 (½")	45 (99)	39 (86)	260	622	547	574	499
80AGN23.7	5 (3.7)	3" (80)	3	Direct	21 - 0.5	70 - 132	10 (½")	-	45 (99)	260	-	577	-	529
80AGH25.5	7½ (5.5)	3" (80)	3	Direct	29 - 0.5	95 - 132	10 (½")	-	70 (154)	286	-	683	-	623
100AGN25.5	7½ (5.5)	4" (100)	3	Direct	18 - 1.0	60 - 265	10 (½")	-	72 (159)	286	-	683	-	623
100AGN27.5	10 (7.5)	4" (100)	3	Direct	24 - 1.0	80 - 265	10 (½")	-	80 (176)	286	-	683	-	623
150AGL27.5	10 (7.5)	6" (150)	3	Direct	16 - 1.5	53 - 396	10 (½")	-	82 (181)	286	-	683	-	623

Note: Weight Without Cable & Outlet

