



AS SUBMERSIBLE DEWATERING PUMPS

■ FEATURE

- Designed for civil engineering applications; its easy portability, double outer casing and water cooling motor make it possible to run the pump in low water levels.
- Epoxy Resin Cable with IP68 standard for waterproof structure, automatic rest motor protector, and double mechanical seal made of silicon carbide. Durable and leakproof.
- Multi-impeller design with High Chrome Alloy steel (HiCrFC) impeller, wear plate and wear rings with a hardness of 55 - 60 Rockwell. It is the hardest and toughest impeller among the construction pump and against abrasion. The impeller meets the requirements from low to high head, as well as small to big capacity.
- AS 1.5~7.5kW, equipped with a flange discharge connection. The outer cover is built with high strength stainless steel.

■ OUTLET OPTIONAL



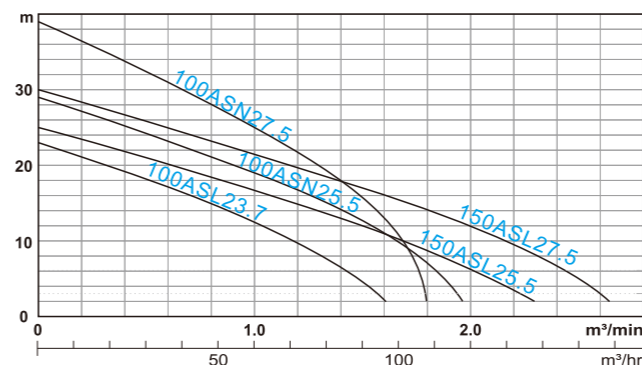
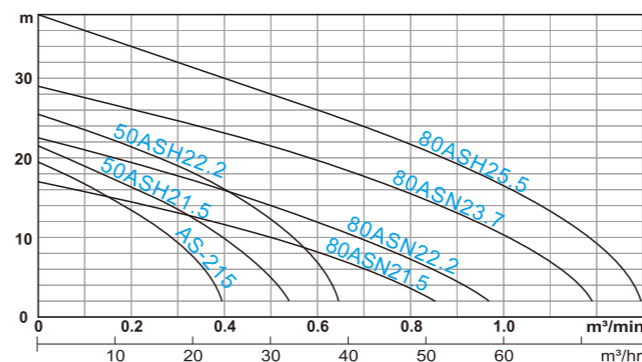
■ APPLICATIONS

- Civil engineering, dewatering of tunneling and ground works, and for use in storm water sewers.
- Dewatering of fluids containing solid sediments.
- Ease of mobility for use by contractors, installers and service industries.

■ PRODUCT NOMENCLATURE

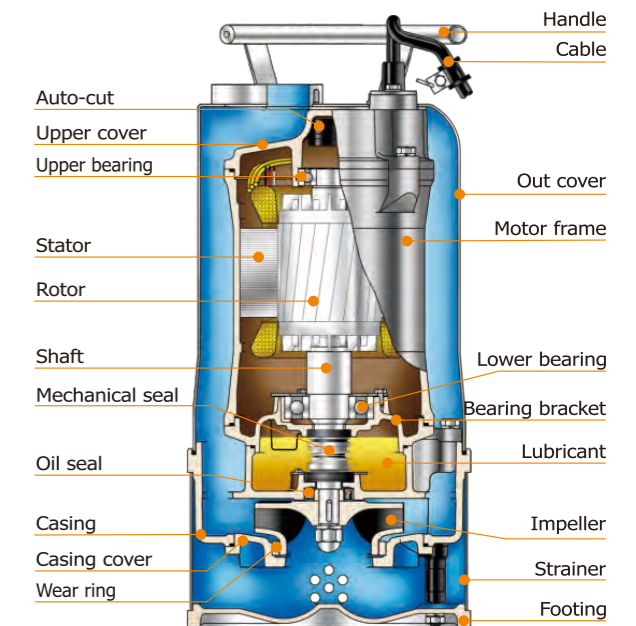
AS	2	15		
Type	Discharge inch	1 1/2HP		
100	AS	N	2	5.5
Discharge mm	Type	Impeller type (H/N/L)	Pole	kW

■ PERFORMANCE CURVES



■ SPECIFICATIONS

Discharge (mm)		50 • 80 • 100 • 150
Limits Of Use	Liquid Temp.	0~40°C (32~104°F)
	Applications	Construction sites Basins dewatering
	Submersion Depth	30m (100feet)
Type	Frequency	50Hz
	Motor	2P (3000RPM) • Dry Motor
	Insulation	Class B(1.5~3HP) • 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	SUS 304(1.5HP) • FC-200 (2~10HP)
	Shaft End	SUS403(1.5~3HP) • SUS304(5~10HP)
	M.seal	Upper: Carbon/Ceramic • Lower: Silicon/Silicon
	Casing	FC-200
Impeller	HiCrFC	
Wear Ring/Plate	HiCrFC	
Cable	VCT or H07RN-F or SJOW/SOW	
Optional	Pumps can be customized to fit specifications	



■ PERFORMANCE SPEC.

Model	Output HP(kW)	Size DN Inch(mm)	Phase Ø	Start Method	Head (m)	Capacity		Solid Passage (mm)	Weight (kg)		Dimension (mm)				
						m³/min	m³/h		1Ø	3Ø	A	B 1Ø	B 3Ø	C 1Ø	C 3Ø
AS-215	1 1/2 (1.1)	2" (50)	1	Capacitor	13.5	0.2	12	7.5	28	24	210	482	423	370	429
50ASH21.5	2 (1.5)	2" (50)	3	Direct	15	0.25	15	10	40	36	235	511	466	448	403
50ASH22.2	3 (2.2)	2" (50)	3	Direct	19	0.3	18	10	44	39	235	541	466	478	403
80ASN21.5	2 (1.5)	3" (80)	3	Capacitor	10	0.5	30	10	40	36	235	511	466	448	403
80ASN22.2	3 (2.2)	3" (80)	3	Direct	14	0.5	30	10	44	39	235	541	466	478	403
80ASN23.7	5 (3.7)	3" (80)	3	Direct	21.5	0.5	30	10	-	44	235	-	496	-	433
80ASH25.5	7 1/2 (5.5)	3" (80)	3	Direct	28	0.5	30	10	-	72	286	-	610	-	550
100ASL23.7	5 (3.7)	4" (100)	3	Direct	12.5	1.0	60	10	-	44	235	-	511	-	448
100ASN25.5	7 1/2 (5.5)	4" (100)	3	Direct	19	1.0	60	10	-	75	286	-	610	-	550
100ASN27.5	10 (7.5)	4" (100)	3	Direct	25	1.0	60	10	-	80	286	-	610	-	550
150ASL25.5	7 1/2 (5.5)	6" (150)	3	Direct	12	1.5	90	10	-	78	286	-	610	-	550
150ASL27.5	10 (7.5)	6" (150)	3	Direct	17	1.5	90	10	-	81	286	-	610	-	550

Note: Weight Without Cable & Outlet