



HCP PUMP

We make the reliable pumps

PROFESSIONAL MANUFACTURERS OF SUBMERSIBLE PUMPS

50Hz GENERAL CATALOGUE

ISO 9001 CE DNV GL TÜV



sewage pump, waste water pump, stainless pump, grinder pump, dewatering pump, construction drainage pump,
large volume pump, axial pump, ejector, deep well pump.

HCP PUMP MANUFACTURER.,CO.LTD.

AL WASTE WATER/EFFLUENT SUBMERSIBLE PUMPS

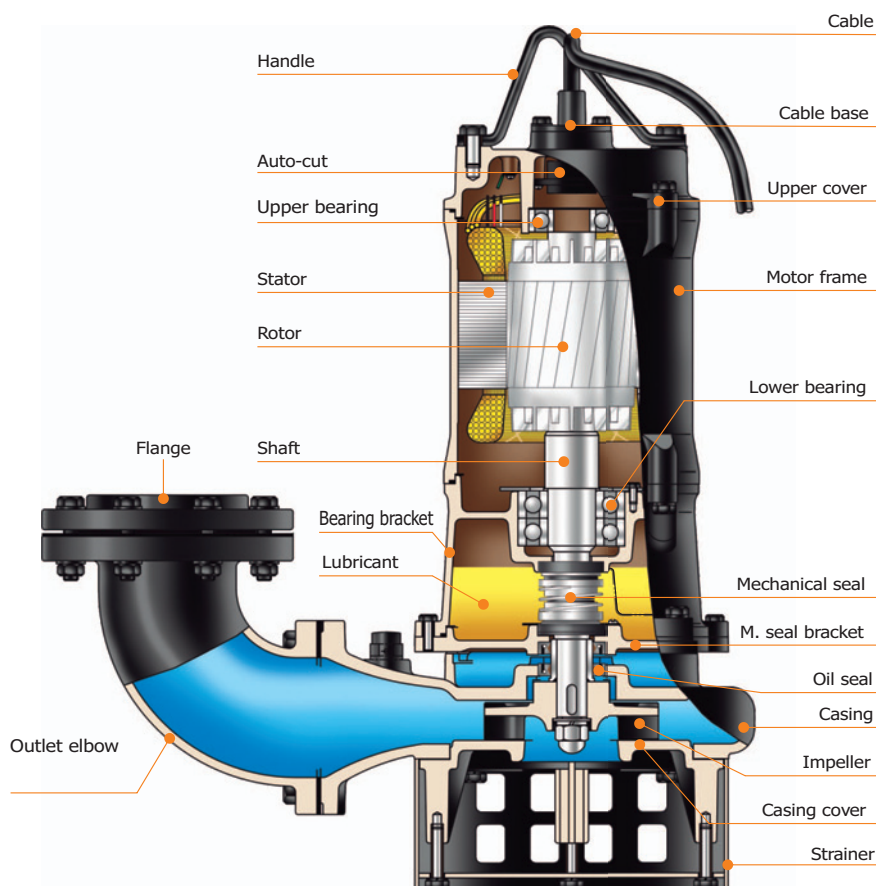


■ FEATURE

- Equipped with Auto-cut, silicon carbide double mechanical seal, epoxy cable base treatment.
- Pump Water Resistance can reach IP68 Grade.
- Entire cast iron structure and compact design.
- High head and efficiency for wide range design.
- 7½HP and 10HP Triangular Handle design, for easy handling on guide rail system.

■ APPLICATIONS

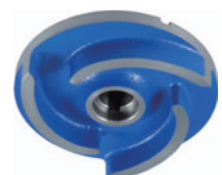
- Waste water drainage for all industries.
- Pumping surface water, drainage water and flood water
- Extraction of water from river and lake.
- Pressure - Reducing Design.



80AL21.5



80AL21.5
80AL22.2



100AL25.5
100AL27.5



50AL21.5
50AL22.2



80AL21.5
80AL22.2
80AL23.7A



80AL23.7

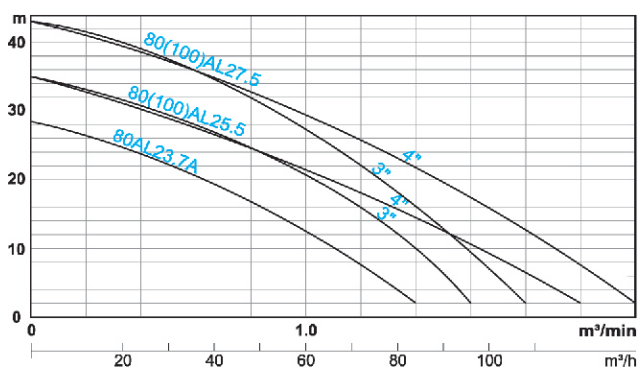
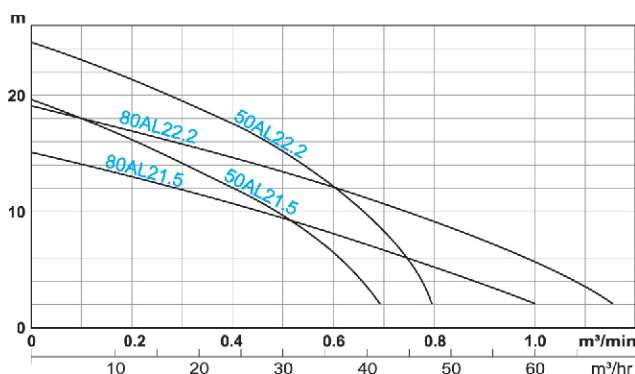


80(100)AL25.5
80(100)AL27.5

■ PRODUCT NOMENCLATURE

80	AL	2	1.5
Discharge mm	Type	Pole	kW

■ PERFORMANCE CURVES



■ SPECIFICATIONS

Discharge (mm)		50 • 80 • 100
Limits Of Use	Liquid Temp.	0~40°C (32~104°F)
	Applications	Wastewater Sewage and Drainage water
	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
	M.seal	Double M.seals
	Impeller	Semi-open
Material	Upper Cover	FC-200
	Motor Frame	FC-200
	Shaft End	SUS403 (2~5HP) • SUS420J2 (7½~10HP)
	M.seal	Upper: Carbon/Ceramic Lower: Silicon/Silicon
	Casing	FC-200
	Impeller	FC-200
	Cable	VCT or H07RN-F or SJOW/SOW
	Optional	Pumps can be customized to fit specifications

■ PERFORMANCE SPEC.

Model	HP(kW)	Discharge Inch(mm)	Phase Ø	Start Method	Head (m)	Capacity		Solid Passage (mm)	Weight (kg)		Dimension (mm)					
						m³/min	m³/h		1Ø	3Ø	A	B	C	1Ø	3Ø	D
50AL21.5	2 (1.5)	2" (50)	1	Capacitor	12	0.4	24	20	35	31	279	206	565	514		
50AL22.2	3 (2.2)	2" (50)	3	Direct	17.5	0.4	24	20	38	34	279	206	598	514		
80AL21.5	2 (1.5)	3" (80)	1	Capacitor	8	0.6	36	20	37	32	385	247	207	575	524	
80AL22.2	3 (2.2)	3" (80)	3	Direct	12	0.6	36	20	39	35	385	247	207	608	524	
80AL23.7A	5 (3.7)	3" (80)	3	Direct	20.5	0.6	36	14	49	473	278	242			578	
80(100)AL25.5	7½ (5.5)	3" (80)	3	Direct	28	0.6	36	20	75	537	342	283	689			
		4" (100)			21.5	0.6	36									
80(100)AL27.5	10 (7.5)	3" (80)	3	Direct	36	0.6	36	20	81	537	342	283	689			
		4" (100)			29.5	1.0	60									

Note: Weight Without Cable

