



50AL21.5
50AL22.2

80AL21.5
80AL22.2

80AL23.7

100AL25.5
100AL27.5



FEATURE

- Equipped with Auto-cut, silicon carbide double mechanical seal, epoxy cable base treatment.
- Entire cast iron structure and compact design.
- High head and efficiency for wide range design.
- 7.5HP and 10HP Triangular Handle design, for easy handling on guide rail system.

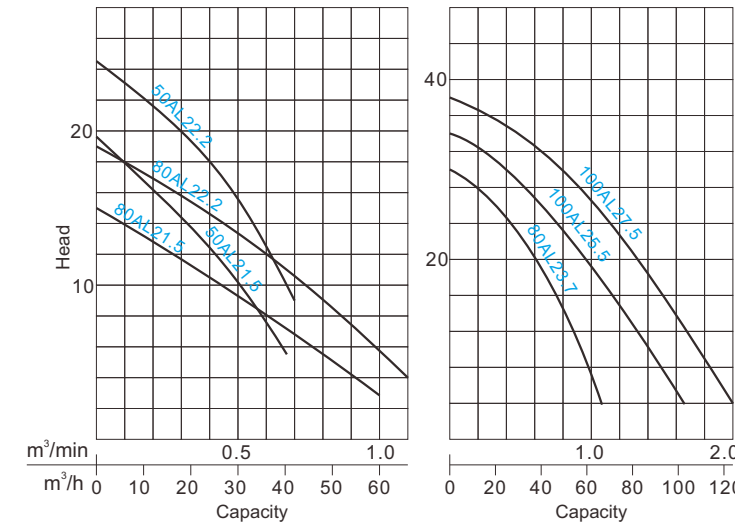
APPLICATIONS

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

PRODUCT NOMENCLATURE

80	AL	2	1.5
Discharge mm	Type	Pole	kW

PERFORMANCE CURVES



SPECIFICATIONS

Item	Description	
Liquid temp.	0~40°C(32~104°F)	
Applications	Wastewater · Sewage · Drainage water	
Max depth	30m	
Pump sect.	Impeller	Semi-open
	M. seal	Double M. seals
	Bearing	Ball type
	Upper cover	FC-200
	Casing	FC-200
	Impeller	FC-200
Motor sect.	M. seal	Lower:SiC/SiC · Upper: CA/CE
	Motor	Dry motor
	Insulation	2P (3000RPM)
	Frequency	B Class(5~10HP: F Class)
	Protector	50Hz
	Frame	Auto-cut
Material	Main shaft	FC-200
	Frame	SUS403 (7.5~10HP : SUS420J2)
	Cable	VCT or H07RN-F or SJOW/SOW

※Pumps can be customized to fit specifications.

PERFORMANCE SPEC.

Model	Power HP(kW)	Discharge Inch(mm)	Phase	Start Method	Head m	Capacity		Weight kg	Solid Passage mm	Dimension (mm)		
						m³/min	m³/h			Length	Width	Height
50AL21.5	2(1.5)	2"(50)	3	Capacitor Direct	12.5	0.4	24	36	20	279	206	565
												32
50AL22.2	3(2.2)	2"(50)	3	Capacitor Direct	18	0.4	24	38	20	279	206	598
												35
80AL21.5	2(1.5)	3"(80)	3	Capacitor Direct	8	0.6	36	42	20	385	207	575
												37
80AL22.2	3(2.2)	3"(80)	3	Capacitor Direct	12	0.6	36	44	20	385	207	608
												40
80AL23.7	5(3.7)	3"(80)	3	Direct	23	0.5	30	57	14	468	242	565
100AL25.5	7.5(5.5)	4"(100)	3	Direct	23	0.8	48	96	20	597	307	723
100AL27.5	10(7.5)	4"(100)	3	Direct	27	1.0	60	102	21	597	307	723

Note : Weight W/O Cable

