



50AL21.5
50AL22.2



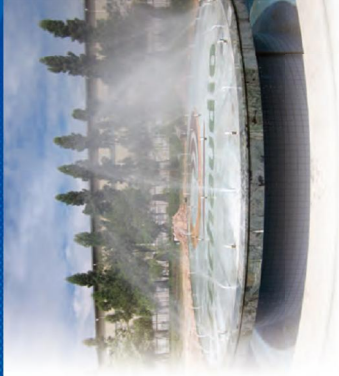
80AL21.5
80AL22.2



80AL23.7



100AL25.5
100AL27.5



■ FEATURE

- Equipped with Auto-cut, silicon carbide double mechanical seal, epoxy cable base treatment.
- 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.

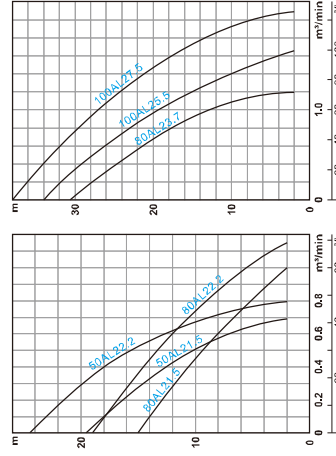
■ PRODUCT NOMENCLATURE

80	AL	2	1.5
Discharge mm	Type	Pole	kW

■ SPECIFICATIONS

Discharge (mm)	50 • 80 • 100
Liquid Temp.	0-40°C (32-104°F)
Applications	Wastewater Sewage and Drainage water
Submersion Depth	30m (100feet)
Frequency	50Hz
Motor	2P (6000RPM) • Dry Motor Class B (5-10HP: Class F)
Protection	IP68
Protector	Auto-cut
Bearing	Ball Type
Miseal	Double Miseals
Impeller	Semi-open
Upper Cover	FC-200
Motor Frame	FC-200
Main Shaft	SUS403 (7½-10HP : SUS420J2)
Miseal	Upper: Carbon/Ceramic Lower: Silicon/Silicon
Casing	FC-200
Impeller	FC-200
Cable	VCT or H07RNF or SJO/W/SOW
Optional	Pumps can be customized to fit specifications

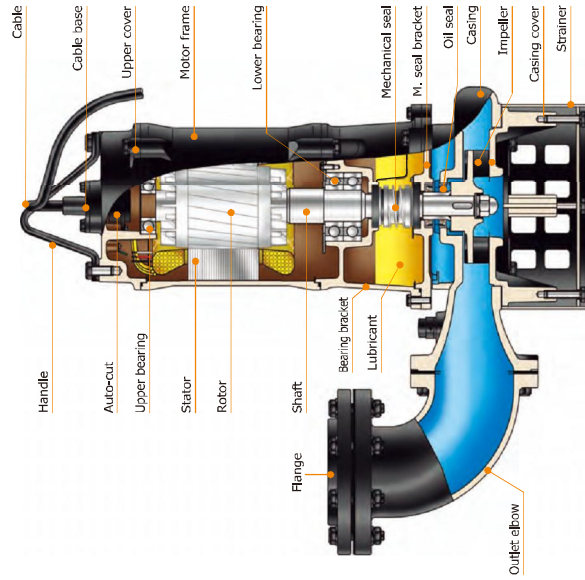
■ PERFORMANCE CURVES



■ PERFORMANCE SPEC.

Model	HP(kW)	Discharge Inch(mm)	Phase Ø	Start Method	Head (m)	Capacity m³/min	Capacity m³/h	Solid Passage (mm)	Weight (kg)	Dimension (mm)
										A B C D
50AL21.5	2 (1.5)	2" (50)	1	Capacitor	12.5	0.4	24	20	35	279 206 565 614
50AL22.2	3 (2.2)	2" (50)	3	Direct	18	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
80AL23.7	5 (3.7)	3" (80)	3	Direct	23	0.5	30	14	46	468 352 242 565
100AL25.5	7½ (5.5)	4" (100)	3	Direct	23	0.8	48	20	96	597 307 307 723
100AL27.5	10 (7.5)	4" (100)	3	Direct	27	1.0	60	20	102	597 307 307 723

Note: Weight Without Cable



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