

# GD **50Hz** SERIES

SUBMERSIBLE PORTABLE  
DEWATERING / RESIDUAL PUMPS



GD-400/750



GD-1100



Available with Hose Kit

Scan for more detail

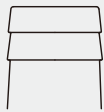


## GD SUBMERSIBLE PORTABLE DEWATERING PUMPS

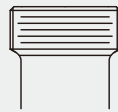
### FEATURES

- Lightweight, portability and durability, aluminum motor frame and seal bracket, water-cooling motor, exchangeable vertical and horizontal discharges that provides adaptability and flexibility in installations.
- Excellent for confined spaces, 8 inch narrow wells or shallow water.
- With matching claw distances, these fittings quickly interlock and tighten, effectively preventing leaks and facilitating swift responses to emergency dewatering.
- GD-400(R)/750(R) Urethane rubber impeller wear-resistance for construction dewatering applications.
- GD-400/750 optional: built-in ON/OFF floating (F) or vertical floating (FV) for automatic pump down and pump applications.
- The GD-1100 motor frame features a sturdy 3.2mm iron plate thickness, enhancing its impact resistance and minimizing the risk of deformation.
- GD-1100's mechanical seal bracket is covered with the EPDM rubber, known for its abrasion resistance, ensuring extended durability.

Available with two type outlet connections :



LOH 2" hose outlet



LOT 2" male thread outlet (PF/NPT)

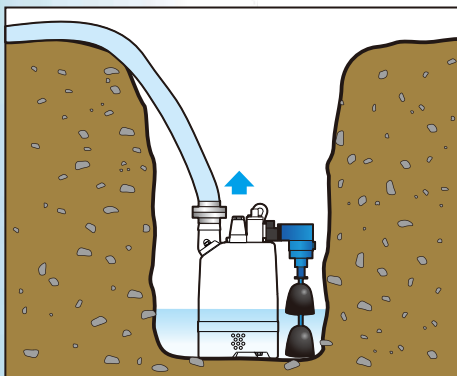
Impeller design :



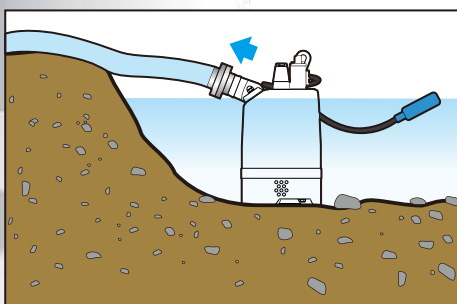
GD-400(R)/750(R)  
Urethane rubber



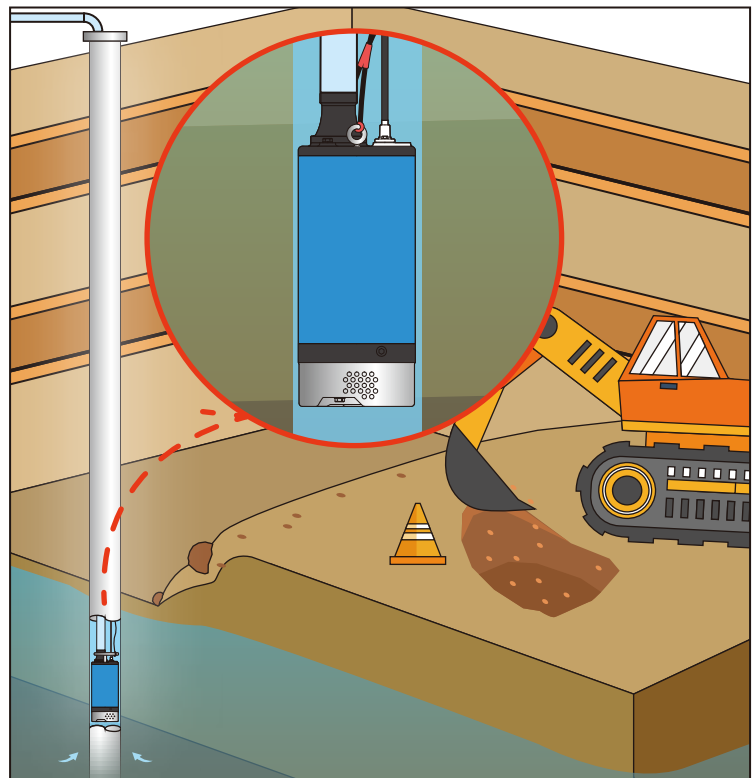
GD-1100  
Chrome steel



Application in a pit and confined space - Vertical orientation discharge and vertical floating switch.



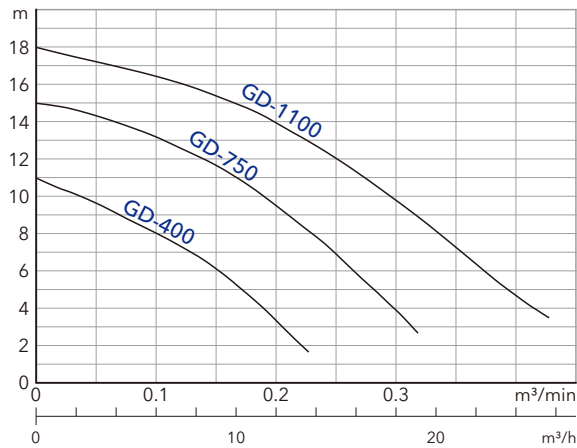
Application in shallow water - Horizontal orientation discharge and floating switch.



GD-1100 pump can be placed inside the well (diameter 8") for construction dewatering.



## PERFORMANCE CURVES



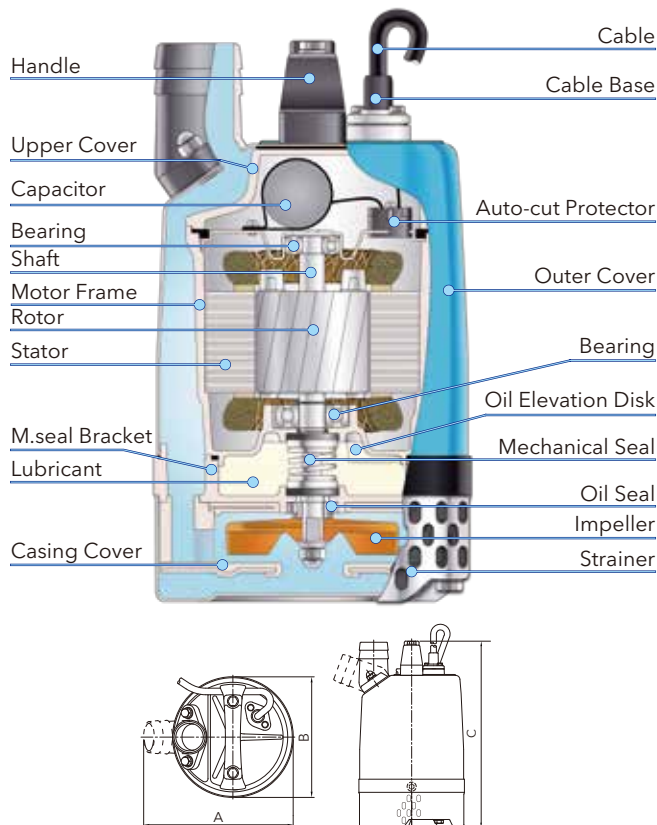
## PRODUCT NOMENCLATURE

GD - 400  
Type - Watt

## APPLICATIONS

- Civil engineering, dewatering, tunneling, groundworks and storm water sewer.
- Dewatering of fluids containing solids.
- Portable use for contractors, installers and services industries.

## SPECIFICATIONS



Item		Description
Limits of Use	Liquid Temp.	0~40°C (32~104°F)
	Applications	Construction sites • Basins dewatering
Type	Frequency	50Hz
	Motor	2P (50Hz 3000rpm) • Dry Motor
	Insulation	Class B (GD-400(R)/750(R)) • Class F (GD-1100)
	Protection	IP68
	Protector	Auto-cut
	Bearing	Ball type
	M.seal	Double M.seals
Material	Impeller	Vortex
	Upper Cover	ADC12/383 (GD-400(R)/750(R)) • FC200/GG-20 (GD-1100)
	Motor Frame	ADC12/383 (GD-400(R)/750(R)) • FC200/GG-20 (GD-1100)
	Shaft	SUS410/X10Cr13 (GD-400(R)/750(R)) • SUS403/X5Cr13 (GD-1100)
	M.seal	CA/CE & SiC/SiC
	Casing	Synthetic Rubber (GD-400(R)/750(R)) • FCD500/GGG-50 (GD-1100)
	Impeller	Urethane Rubber + SPCC (GD-400(R)/750(R)) • Chrome Steel (GD-1100)
	Strainer	SUS304/X5CrNi18-10
Cable	VCT or H07RN-F	
Optional	Pumps can be customized to fit specifications	

## PERFORMANCE SPECS.

Note: Weight Not Included Cable & Outlet Set.

Model	Output HP(kW)	Discharge Inch(mm)	Phase Ø	Start Method	Head m	Standard		Solid Passage mm	Weight kg		Dimensions mm			
						m³/min	m³/h		1Ø	3Ø	A	B	C	
GD-400	0.5(0.4)	2"(50)	1	Capacitor	8	0.1	6	7	10.5	-	230	185	305	-
GD-750	1(0.75)	2"(50)	1	Capacitor	11	0.16	9.6	7	12.6	-	230	185	327	-
GD-1100	1.5(1.1)	2"(50)	1	Capacitor DOL	13.5	0.2	12	7	33	28	-	189	482	422
			3											

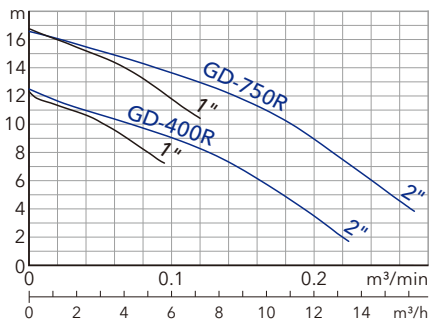


# GD-R

## SUBMERSIBLE RESIDUAL PUMPS

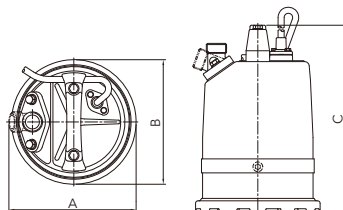
- Water cooling motor with rubber suction pads for residual removal as low as 1 mm (0.39"). Start up at water level of 5 mm.
- Portable and lightweight, GD-R Series is excellent pump for removing flat surface water.
- Standard accessories include: cable with an epoxy resin sealed water-resistant cable base, Auto-cut motor protector, double mechanical seals, lip seal design and rubberized hydraulic components to withstand any tough applications.
- Standard Outlet Discharge: 1" LOT 1-74 (Optional 2" LOT 2-74)

### PERFORMANCE CURVES



### APPLICATIONS

- Basement / Pool / Pond water removal.
- Residential, Commercial residue dewatering.



GD-400R/750R

Scan for more detail



Available with Hose Kit

### PERFORMANCE SPECS.

Note: Weight Not Included Cable & Outlet Set.

Model	Output HP(kW)	Discharge Inch(mm)	Phase Ø	Start Method	Head m	Standard		Weight kg	Dimensions mm		
						m³/min	m³/h		∅	A	B
GD-400R	0.5(0.4)	1"(25)	1	Capacitor	9.5	0.06	3.6	11.8	209	205	304
		2"(50)	1	Capacitor	8	0.12	7.2	11.8	240	205	304
GD-750R	1(0.75)	1"(25)	1	Capacitor	13	0.08	4.8	14	209	205	326
		2"(50)	1	Capacitor	11.5	0.15	9	14	240	205	326



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