

# GD/GDR 50Hz & 60Hz SERIES

SUBMERSIBLE PORTABLE  
DEWATERING / RESIDUAL PUMPS



GD-400/750



GD-F



GD-FV

## 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.
- Urethane rubber impeller wear-resistance for construction dewatering applications.
- Standard accessories include: cable with an epoxy resin sealed water-resistant cable base, Auto-cut motor protector, double mechanical seals and lip seal design.
- Available with exchangeable vertical and horizontal 50mm (2 inch) discharge to prevent layflat hose folding on uneven ground.
- Available with two type outlet connections : LOT threaded (PF, PT or NPT) and LOH hose.
- Optional: built-in ON/OFF floating (F) or vertical floating (FV) for automatic pump down and pump applications.

### APPLICATIONS

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

### PRODUCT NOMENCLATURE

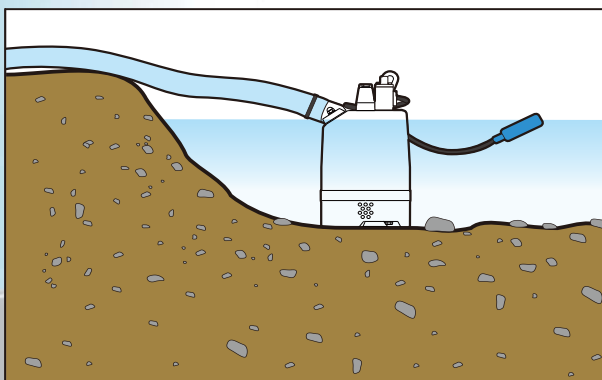
$$\frac{\text{GD/GDR}}{\text{Type}} - \frac{400}{\text{Watt}}$$



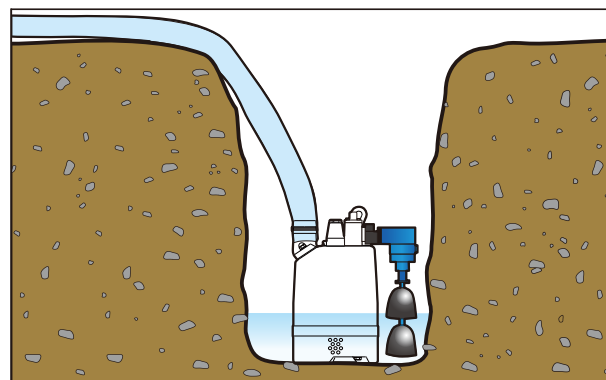
LOH 2" hose outlet



LOT 2" male thread outlet



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



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



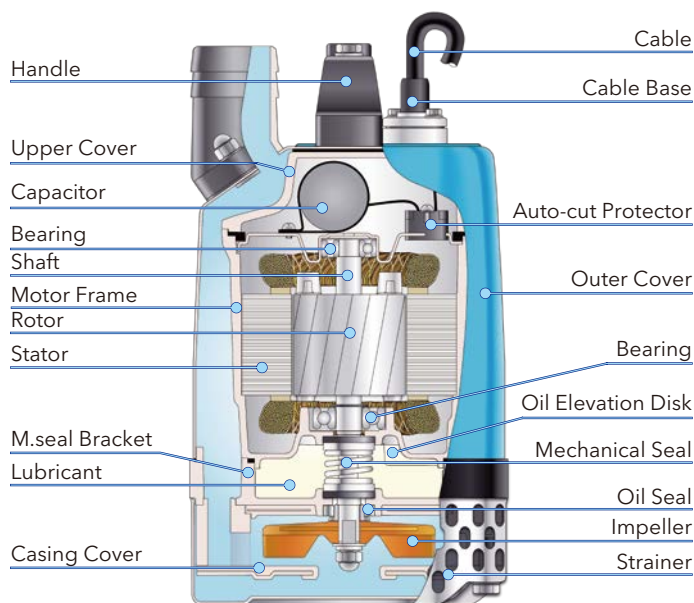
### Vortex impeller :

Rubberized Vortex impeller produces a vortex (whirlpool effect) allows slurry, solid and sediments to passing through without contact with impeller.



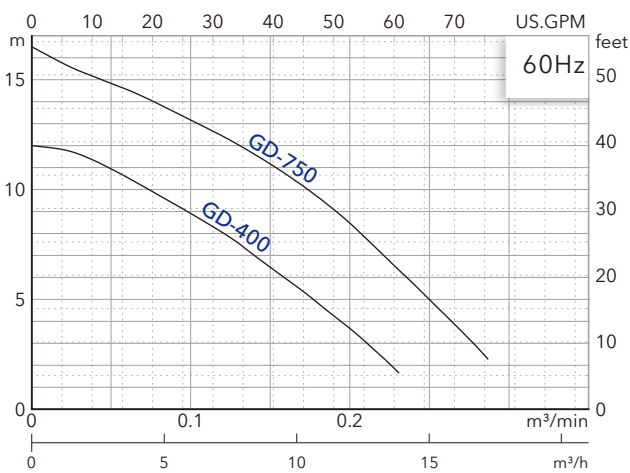
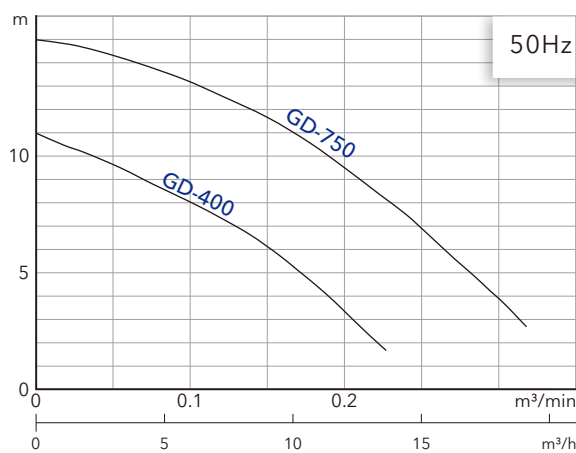


## SPECIFICATIONS



Item	Description	
Limits of Use	Liquid Temp.	0~40°C (32~104°F)
	Applications	Construction sites Basins dewatering
Type	Frequency	50Hz/60Hz
	Motor	2P (50Hz 3000rpm · 60Hz 3600rpm) · Dry Motor
	Insulation	Class B
	Protection	IP68
	Protector	Auto-cut
	Bearing	Ball type
	M.seal	Double M.seals
	Impeller	Vortex
Material	Upper Cover	ADC12
	Motor Frame	ADC12
	Shaft	SUS410
	M.seal	CA/CE & SiC/SiC
	Casing	Synthetic Rubber
	Impeller	Urethane Rubber + SPCC
	Strainer	SUS304
	Cable	VCT or H07RN-F or SJOW
Optional	Pumps can be customized to fit specifications	

## PERFORMANCE CURVES

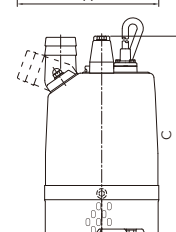
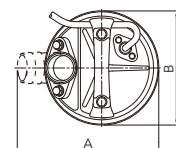


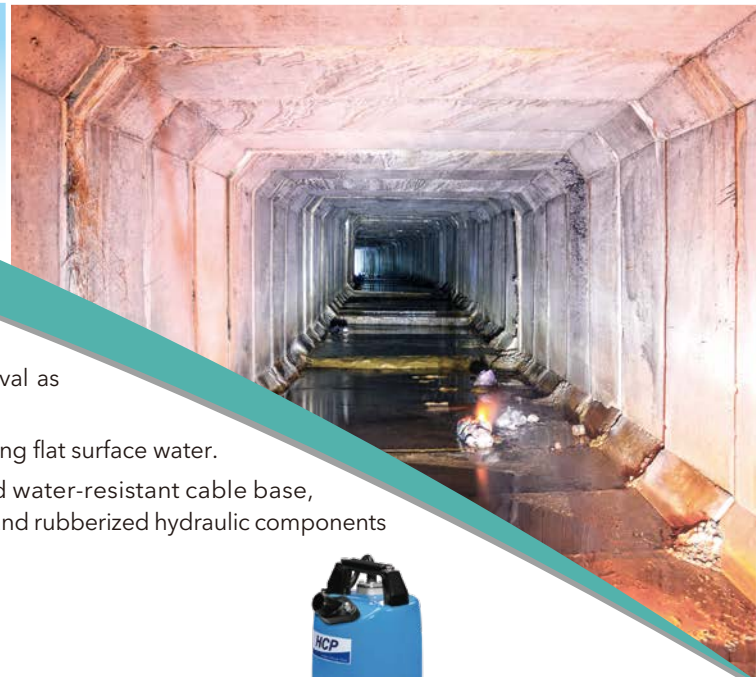
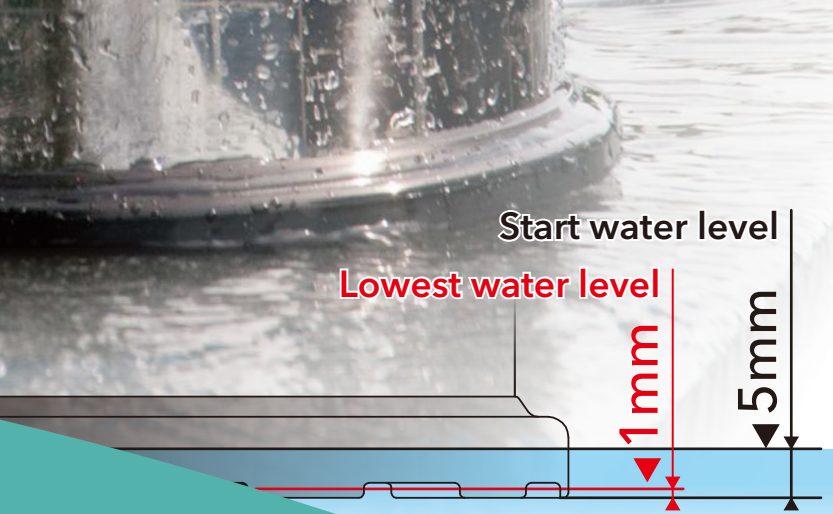
## PERFORMANCE SPECS.

Note: Weight Not Included Cable & Outlet Set.

50Hz	Model	Output HP(kW)	Discharge Inch(mm)	Phase Ø	Start Method	Head m	Standard		Solid Passage mm	Weight kg  1Ø	Dimensions mm		
							m³/min	m³/h			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

60Hz	Model	Output HP(kW)	Discharge Inch(mm)	Phase Ø	Start Method	Standard		Solid Passage mm (inch)	Weight kg(lb)	Dimensions mm		
						m-m³/min	ft-GPM		1Ø	A	B	C
	GD-400	0.5(0.4)	2"(50)	1	Capacitor	8-0.12	26-32	7 (1/4")	10.5(23)	230	185	305
	GD-750	1(0.75)	2"(50)	1	Capacitor	11-0.15	36-40	7 (1/4")	12.6(28)	230	185	327



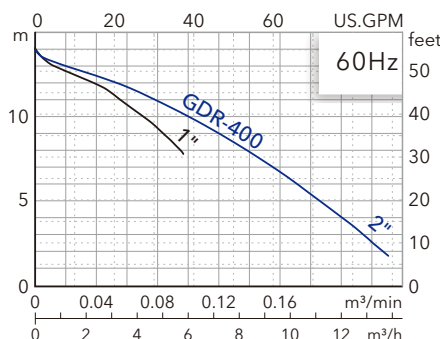
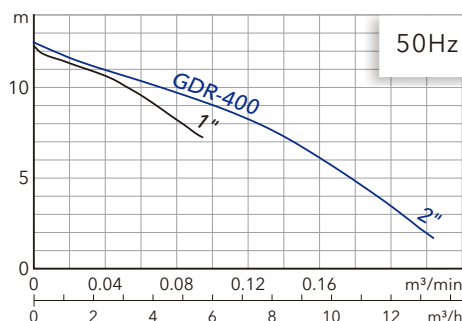


# GDR

## 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, GDR 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



GDR-400

## APPLICATIONS

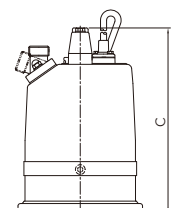
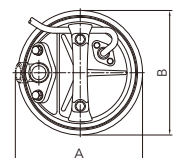
- Basement / Pool / Pond water removal.
- Residential, Commercial residue dewatering.

## PERFORMANCE SPECS.

Note: Weight Not Included Cable & Outlet Set.

50Hz	Model	Output HP(kW)	Discharge Inch(mm)	Phase Ø	Start Method	Head m	Standard		Weight kg	Dimensions mm		
							m³/min	m³/h		1Ø	A	B
	GDR-400	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	

60Hz	Model	Output HP(kW)	Discharge Inch(mm)	Phase Ø	Start Method	Standard		Weight kg (lb)	Dimensions mm		
						m-m³/min	ft-GPM		1Ø	A	B
	GDR-400	0.5(0.4)	1"(25)	1	Capacitor	10.5-0.06	34-16	11.8 (26)	209	205	304
2"(50)			1	Capacitor	9-0.12	30-32	11.8 (26)	240	205	304	



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