



GD

SUBMERSIBLE PORTABLE
DEWATERING / RESIDUAL PUMPS

60Hz

make future flow

FEATURES

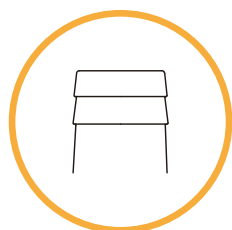
GD Series

- Aluminum motor frame with water-cooling system for continuous duty operation.
- Mechanical seal bracket with EPDM protection for abrasion resistance and extended service life.
- GD-1100 Robust Heavy Duty construction design for dewatering projects in tough conditions.
- Portable, lightweight design for easy transport and on-site use.
- Automatic start/stop (GD-400A/750A with F/FV float switch) for convenient pump control.

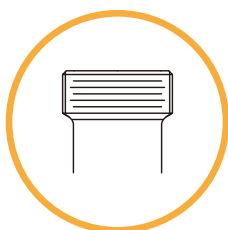
GD-R Series

- Compact and portable design with top discharge for operation in confined spaces
- Standard threaded 1" LOT discharge (optional 2" LOT) for installation flexibility

Available with two type outlet connections :



LOH 2"
hose outlet



LOT 2" male thread
outlet (PF/NPT)



Available with Hose Kit

SPECIFICATIONS

Spec.	Description
Liquid Temp.	0~40°C (32~104°F)
Motor	2P (3600rpm) • Dry Motor
Insulation	Class B • Class F
Protection	IP68
Protector	Auto-cut
M.seal Type	Double M.seals
Impeller Type	Vortex
Item	Material
Upper Cover	ADC12/SC 102A • FC200/ASTM-30
Motor Frame	ADC12/SC 102A • FC200/ASTM-30
Shaft	SUS410 / ASTM 410 • SUS403 / ASTM 403
M.seal	CA/CE & SiC/SiC
Casing	Synthetic Rubber • FCD500/Gr.65-45-12
Impeller	Urethane Rubber + SPCC • Chrome Steel
Strainer	SUS304/AISI 304
Cable	VCT or H07RN-F or SJOW

PRODUCT NOMENCLATURE

GD	—	1100		GD	—	400		A		R
Type		Watt		Type		Watt		Version		Residual

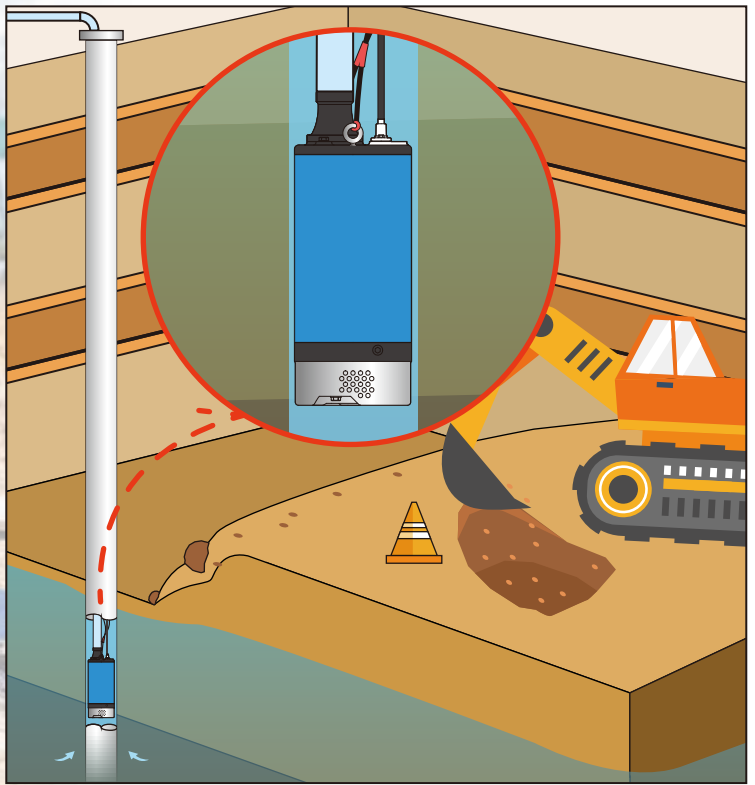
APPLICATIONS

GD

- Civil engineering, tunneling, and groundworks dewatering
- Construction sites, stormwater, and flood control
- Dewatering fluids with solids content
- Portable use for contractors, installers, and industries

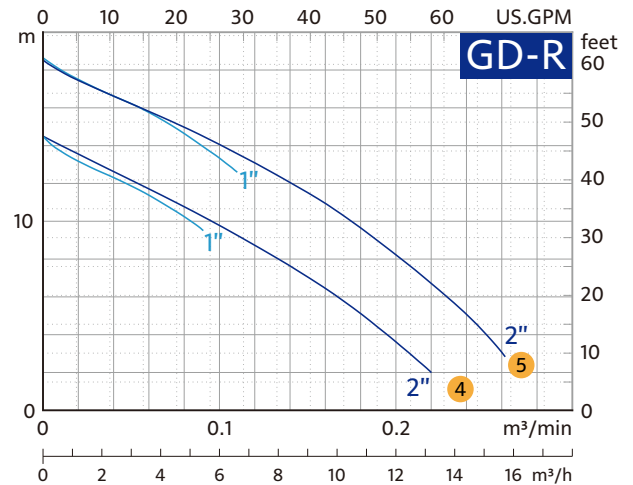
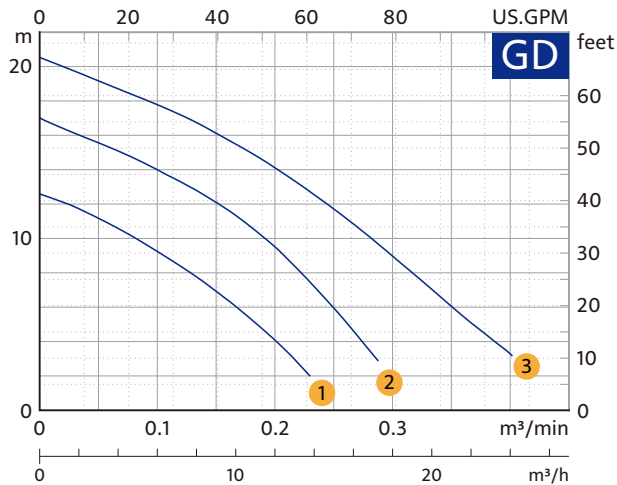
GD-R

- Basement, pool, and pond water removal
- Residential and commercial flat surface drainage
- Emergency flood cleanup and maintenance pond services



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

PERFORMANCE CURVES AND SPECS



Model	Output HP(kW)	Discharge Inch(mm)	Phase Ø	Start Method	Standard	Max.	Solid Passage mm(inch)	Weight kg(lb)	
					ft-GPM	ft-GPM		1Ø	3Ø
1 GD-400A	0.5(0.4)	2" (50)	1	Capacitor	27.9-32	41-60	7(¼")	10(22)	-
2 GD-750A	1(0.75)	2" (50)	1	Capacitor	37.7-42	56-74	7(¼")	12.5(28)	-
3 GD-1100	1.5(1.1)	2" (50)	1	Capacitor	45.9-52	67.3-106	7(¼")	33(73)	28(62)
			3	DOL					
4 GD-400AR	0.5(0.4)	1" (25)	1	Capacitor	34.5-18	47.6-24	-	11.5(25)	-
		2" (50)			27.9-32	47.6-58			
5 GD-750AR	1(0.75)	1" (25)	1	Capacitor	49.2-18	60.7-30	-	14(31)	-
		2" (50)			37.7-42	60.7-68			

※ Excludes Cable & Elbow Weight.



PRODUCT FEATURES



GD-1100

- ① Motor frame features a sturdy 3.2mm iron plate thickness, enhancing its impact resistance and minimizing the risk of deformation.
- ② Mechanical seal bracket is covered with the EPDM rubber, known for its abrasion resistance, ensuring extended durability.

GD-400A/750A

- ③ Urethane rubber impeller wear-resistance for construction dewatering applications.

GD-400AR/750AR

- ④ Water-cooled motor with rubber suction pads for stable shallow operation.
- ⑤ Residual water removal down to 1 mm (0.04") for flat surface drainage.
- ⑥ Durable urethane vortex impeller for slurry and solids.

Vortex Impeller

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



Professionalism · Innovation · Service · Commitment
HCP PUMP MANUFACTURER CO., LTD.
www.hcppump.com



YouTube



Selection
system



Catalog