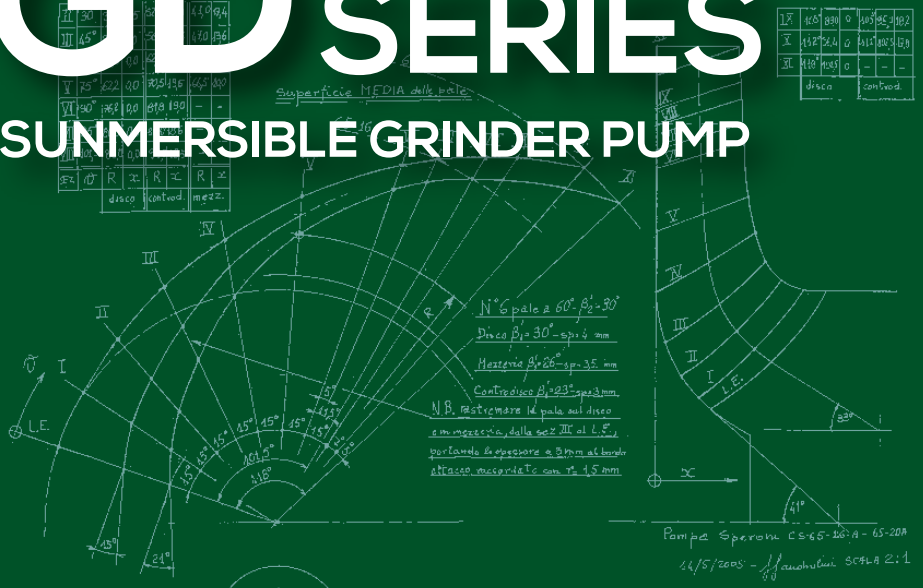
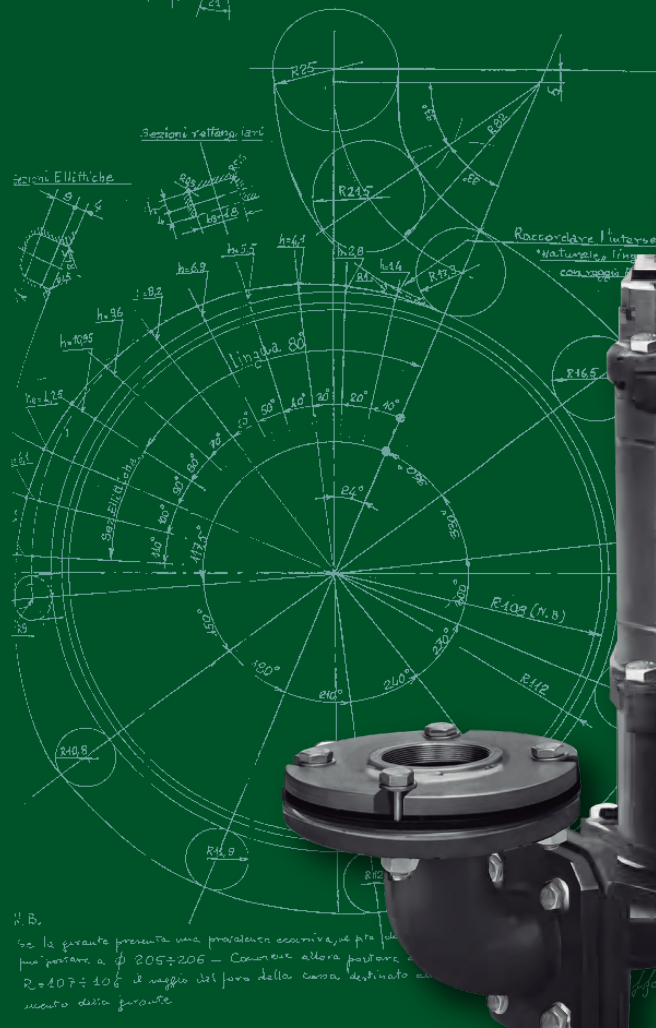
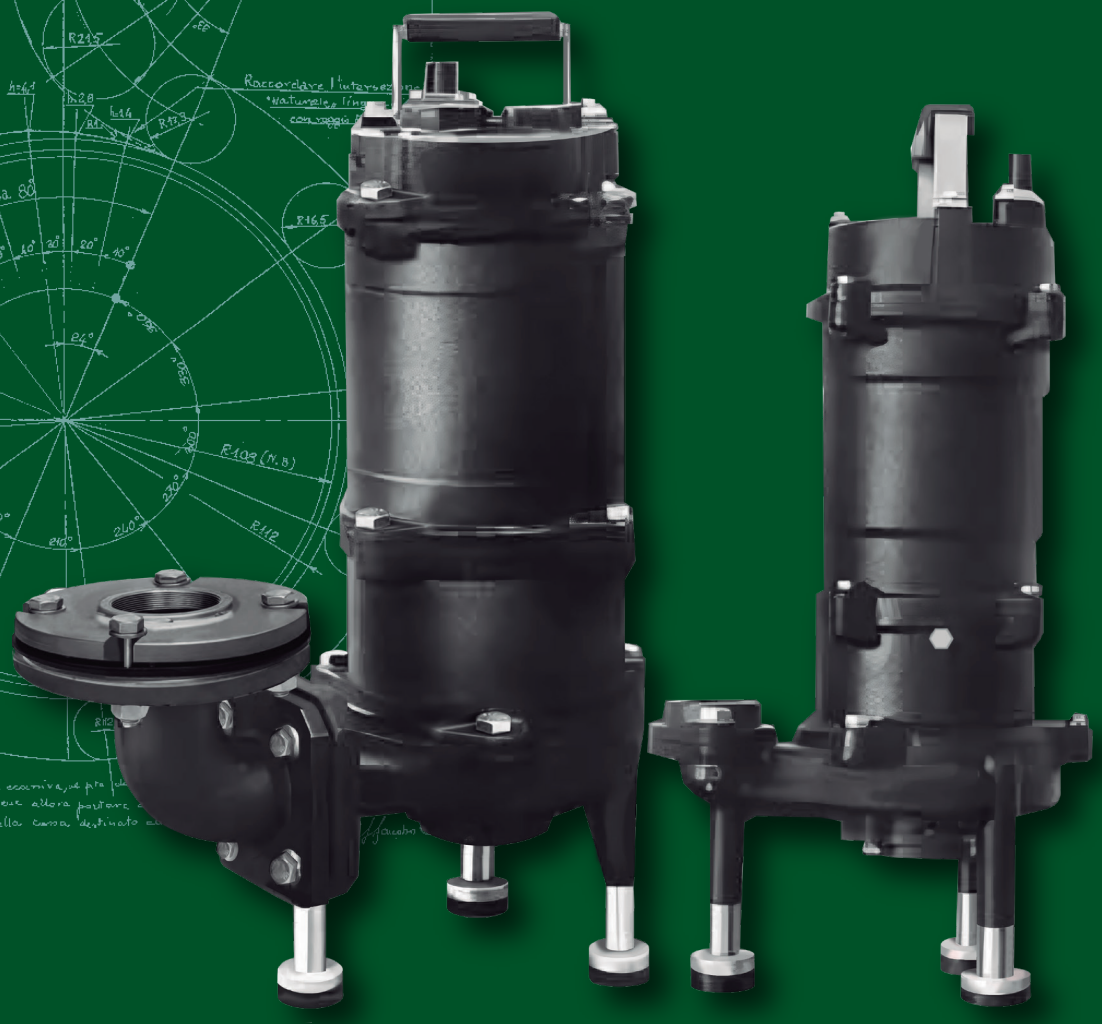
SPERONI®
WATER PUMPS

# GD SERIES

## SUNMERSIBLE GRINDER PUMP



SPERONI®
WATER PUMPS

CE

60 Hz

# GD

## SUBMERSIBLE GRINDER PUMPS 60 HZ

### MODEL CODE

GD 15 E M A 50

- 50 — Discharge size
- A — A=Float switch
- M — M=Single Phase, T= Three Phase
- E — E=Elbow
- 15 — Power (HP)
- GD — Series name

### APPLICATIONS

-General household use, drainage systems for buildings, apartments, resorts and wastewater systems.
-Materials such as leather, textile fibers, food and other tougher objects can be pumped.
-Wastewater systems for domestic, commercial, industrial, municipal, schools, hospitals and many others uses.
-Sewage and drainage systems.

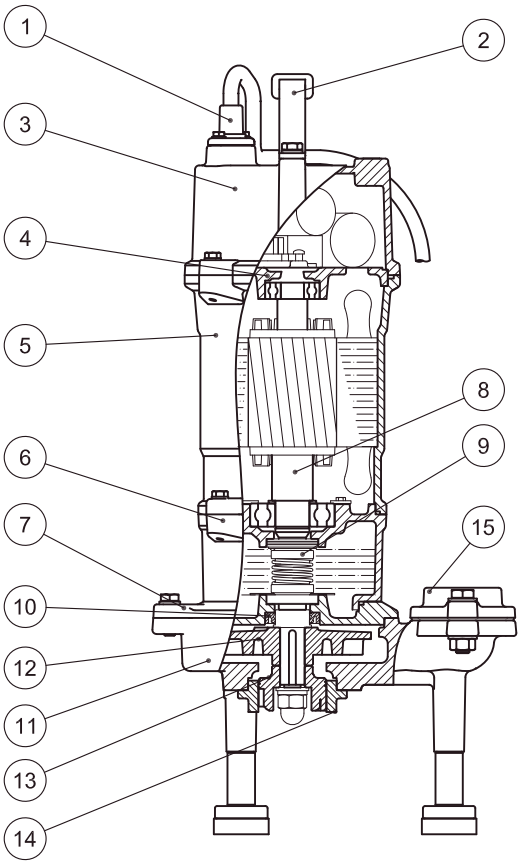
### ADVANTAGES

-Robust construction.
-Superior Heat Dissipation.
-Macerating Impellor for cutting up materials.
-Double mechanical seals. Upper: CA/CE
Lower: SIC/SIC

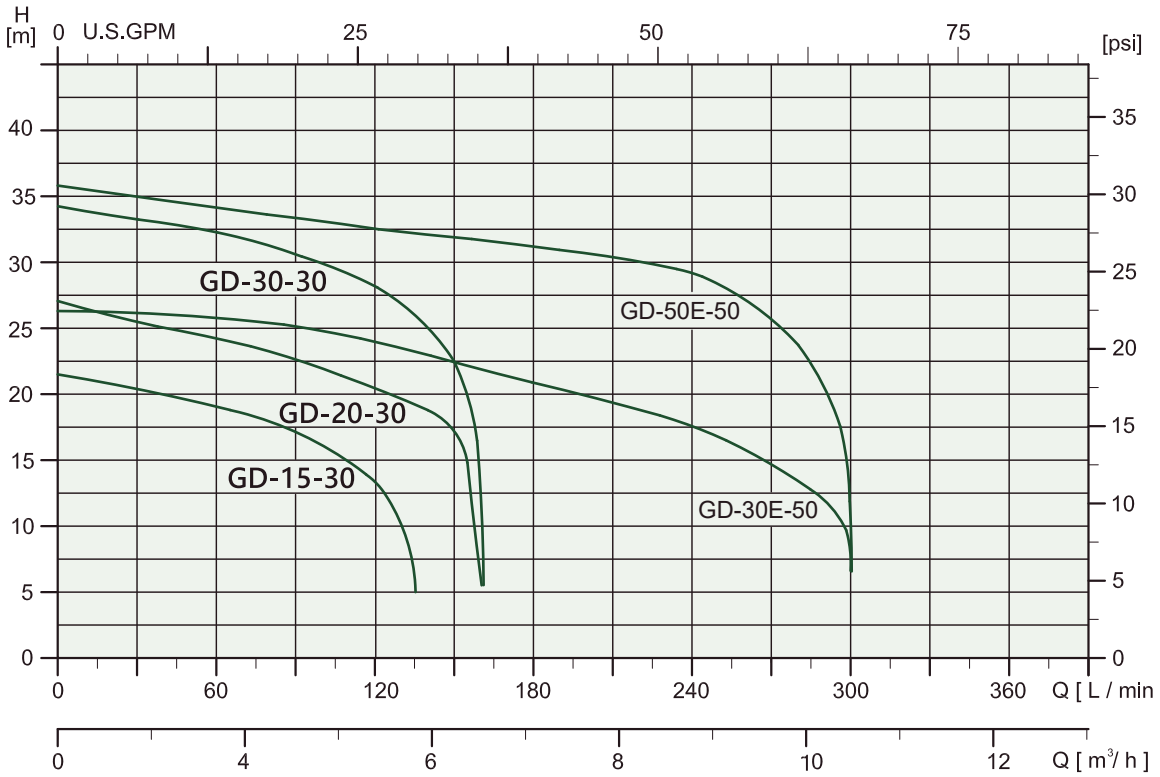


### MATERIAL

| No. | COMPONENT | MATERIAL |
|---|---|---|
| 1 | Cable | H07RN-F |
| 2 | Handle | AISI 304-NBR |
| 3 | Motor Cover | FC200 |
| 4 | Bearing | FC200 |
| 5 | Motor frame | FC200 |
| 6 | Bearing Bracket | FC200 |
| 7 | M.Seal Breacket | FC200 |
| 8 | Motor Shaft | AISI 410 |
| 9 | Mechanical seal | CA/CE, SIC/SIC |
| 10 | Oil seal | NBR70 |
| 11 | Impeller | FC250 |
| 12 | Pump casing | FC200 |
| 13 | Radidl cutter | AISI 440C |
| 14 | Cutter ring | AISI 440C |
| 15 | Flange | FC200 |



## PERFORMANCE CURVES




## TECHICAL DATA

### SINGLE PHASE

| MODEL | POWER | | CURRENT(A) | DISCHARGE | HEAD | | FLOW | | CABLE | WEIGHT |
|---|---|---|---|---|---|---|---|---|---|---|
| Single Phase | HP | Kw | 220-230V | inch | Rated (M) | Max (M) | Rated (L/min) | Max (L/min) | (m) | (kg) |
| GD 15-M-30 | 1.3 | 1.0 | 6.6-6.3 | 11/4” | 16.0 | 21.0 | 60 | 140 | 10 | 27.0 |
| GD 15-MA-30 | | | | | | | | | | 27.5 |
| GD 20-M-30 | 2.0 | 1.5 | 10.6-10.2 | 11/4” | 24.0 | 26.0 | 60 | 160 | 10 | 37.5 |
| GD 20-M-30 | | | | | | | | | | 38.0 |

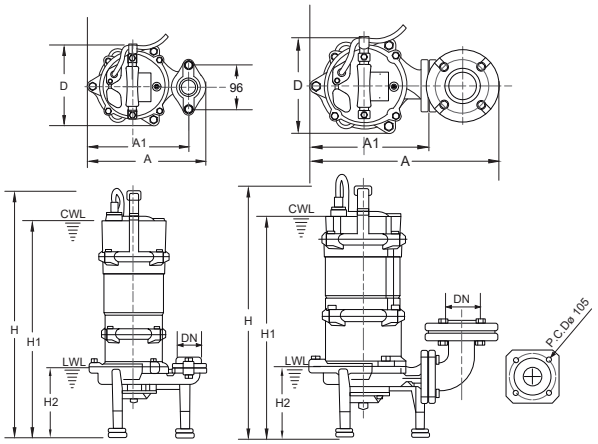
A=Auto Float Switch

### THREE PHASE

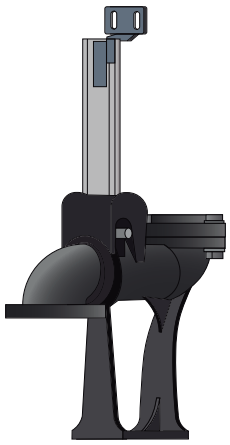
| MODEL | POWER | | CURRENT(A) | | | DISCHARGE | HEAD | | FLOW | | CABLE | WEIGHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Single Phase | HP | Kw | 220-230V | 380-440V | 460-480V | inch | Rated (M) | Max (M) | Rated (L/min) | Max (L/min) | (m) | (kg) |
| GD 15-T-30 | 1.3 | 1.0 | 4.2-4.0 | 2.4-2.0 | 1.9-1.8 | 11/4” | 16.0 | 21.0 | 60 | 140 | 10 | 25 |
| GD 20-T-30 | 2.0 | 1.5 | 5.7-5.5 | 2.3-2.0 | 2.8-2.7 | 11/4” | 24.0 | 26.0 | 60 | 160 | 10 | 32 |
| GD 30-T-30 | 3.0 | 2.2 | 8.6-8.2 | 5.0-4.3 | 4.1-3.9 | 11/4” | 30.5 | 34.0 | 60 | 160 | 10 | 37 |
| GD 30E-T-50 | 3.0 | 2.2 | 9.7-9.3 | 5.2-4.5 | 4.3-4.2 | 2” | 21.0 | 26.0 | 200 | 300 | 10 | 52 |
| GD 50E-T-50 | 5.0 | 3.7 | 13.5-13.0 | 7.8-7.0 | 6.8-6.7 | 2” | 32.0 | 38.0 | 200 | 300 | 10 | 55 |

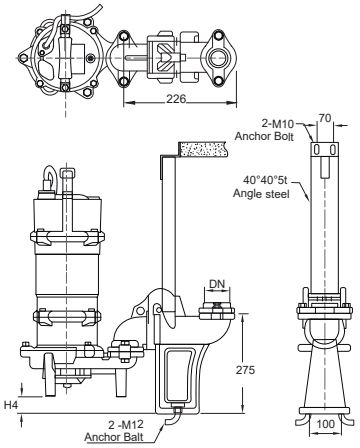
## DIMENSIONS

| MODEL | PHASE | DISCHARGE(mm) | | | | | | DN |
|---|---|---|---|---|---|---|---|---|
| | | A | A1 | D | H | H1 | H2 | mm |
| GD-15-30 | 1 | 267 | 228 | 96 | 558 | 491 | 159 | 32 |
| | 3 | | | | 528 | 461 | 159 | |
| GD-20-30 | 1 | 290 | 251 | 290 | 605 | 538 | 159 | 32 |
| | 3 | | | | 550 | 483 | 159 | |
| GD-30-30 | 3 | 290 | 251 | 290 | 550 | 483 | 159 | 32 |
| GD-30E-50 | 3 | 428 | 268 | 428 | 569 | 502 | 237 | 50 |
| GD-50E-30 | 3 | 428 | 268 | 428 | 589 | 522 | 237 | 50 |



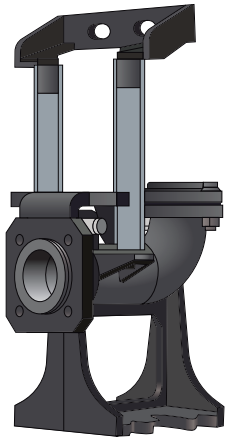

## GUIDE RAIL SYSTEM
## TS-32

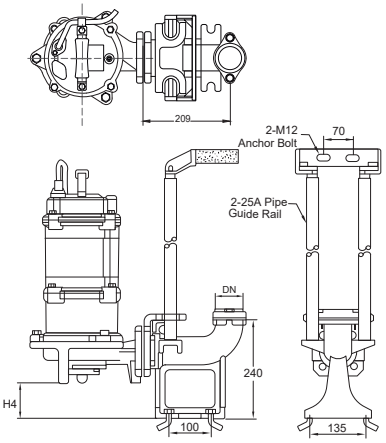





| MODEL | TG-50 GUIDE RAIL | |
|---|---|---|
| | DN (mm) | DIMENSIONS H4(mm) |
| GD-15-30 | 32 | 36 |
| GD-20-30 | 32 | 34 |
| GD-30-30 | 32 | 34 |

## TG-50






| MODEL | TG-50 GUIDE RAIL | |
|---|---|---|
| | DN (mm) | DIMENSIONS H4(mm) |
| GD-30E-50 | 50 | 88 |
| GD-50E-50 | 50 | 88 |

SPERONI®

WATER PUMPS

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