



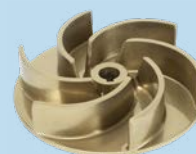
DG 80-102



DG 150



DG 80-102



DG 150



Drainage pumps with set-back Vortex type impeller for pumping sewage waters and liquids with suspended solids; ideal for civil and household applications. The single-phase version includes a built-in capacitor, a thermal protector and it can be equipped with a float switch.

Construction features

Painting cataphoresis

Pump body cast iron

Shell, motor cover, base support stainless steel



Impeller Vortex stainless steel (80÷102); brass (150)

Mechanical seal

double seal with oil barrier: pump side with silicon carbide mechanical seal; motor side with sealing ring (80÷102) or ceramic-graphite mechanical seal (150)

Motor shaft stainless steel AISI 430

Free passage Ø max 35 mm (80-100)
Ø max 50 mm (82÷150)

Max submergence 5 m

Liquid temperature 0 - 40 °C

Cable H07 RN8F, 10 m

G float switch

Motor

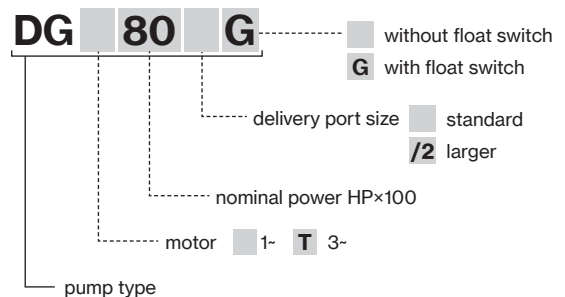
3~ 400V - 50Hz

2 Poles induction motor 1~ 230V - 50Hz
(with thermal protection)

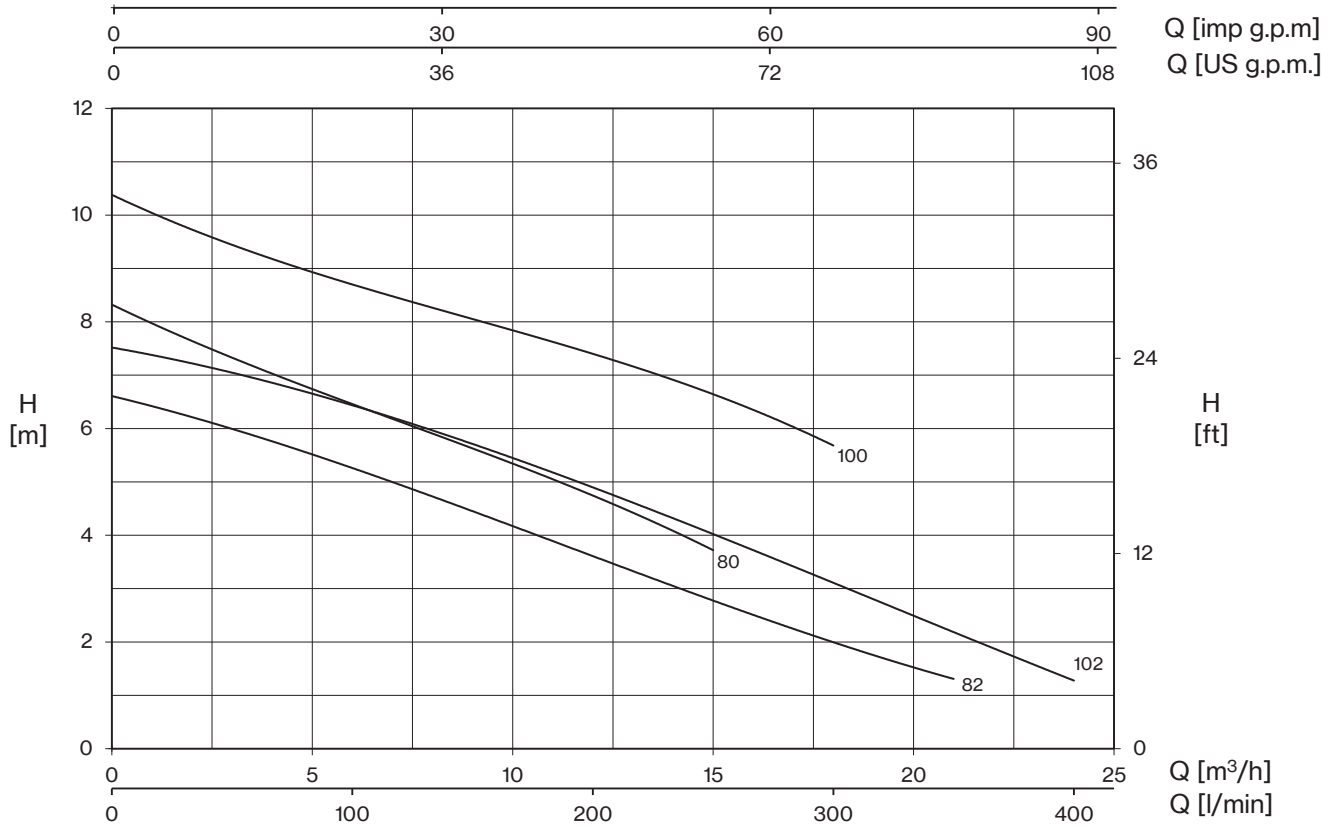
Insulation class F

Protection degree IPX8

| TYPE | LOTS | | | |
|-----------|-------------|----------|-------------|----------|
| | TRUCK | | CONTAINER | |
| | PALLET (cm) | N° pumps | PALLET (cm) | N° pumps |
| DG 80÷102 | 80×120×145 | 48 | 80×120×190 | 76 |
| DG 150 | 80×120×160 | 51 | 80×120×160 | 51 |

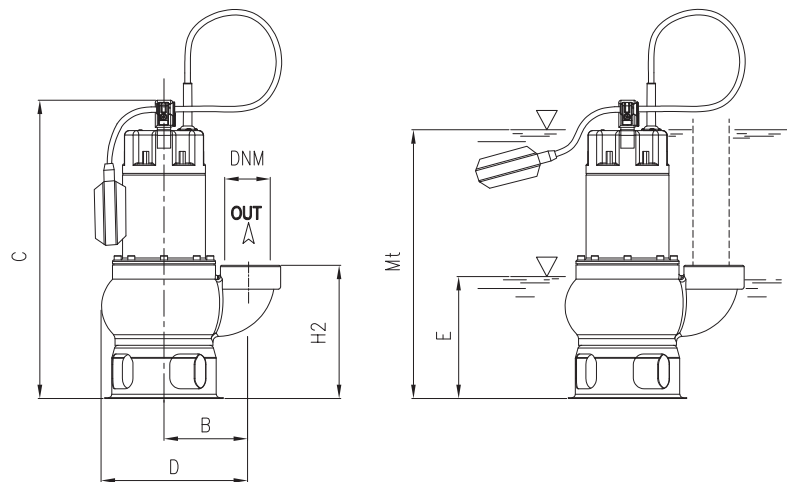


DG



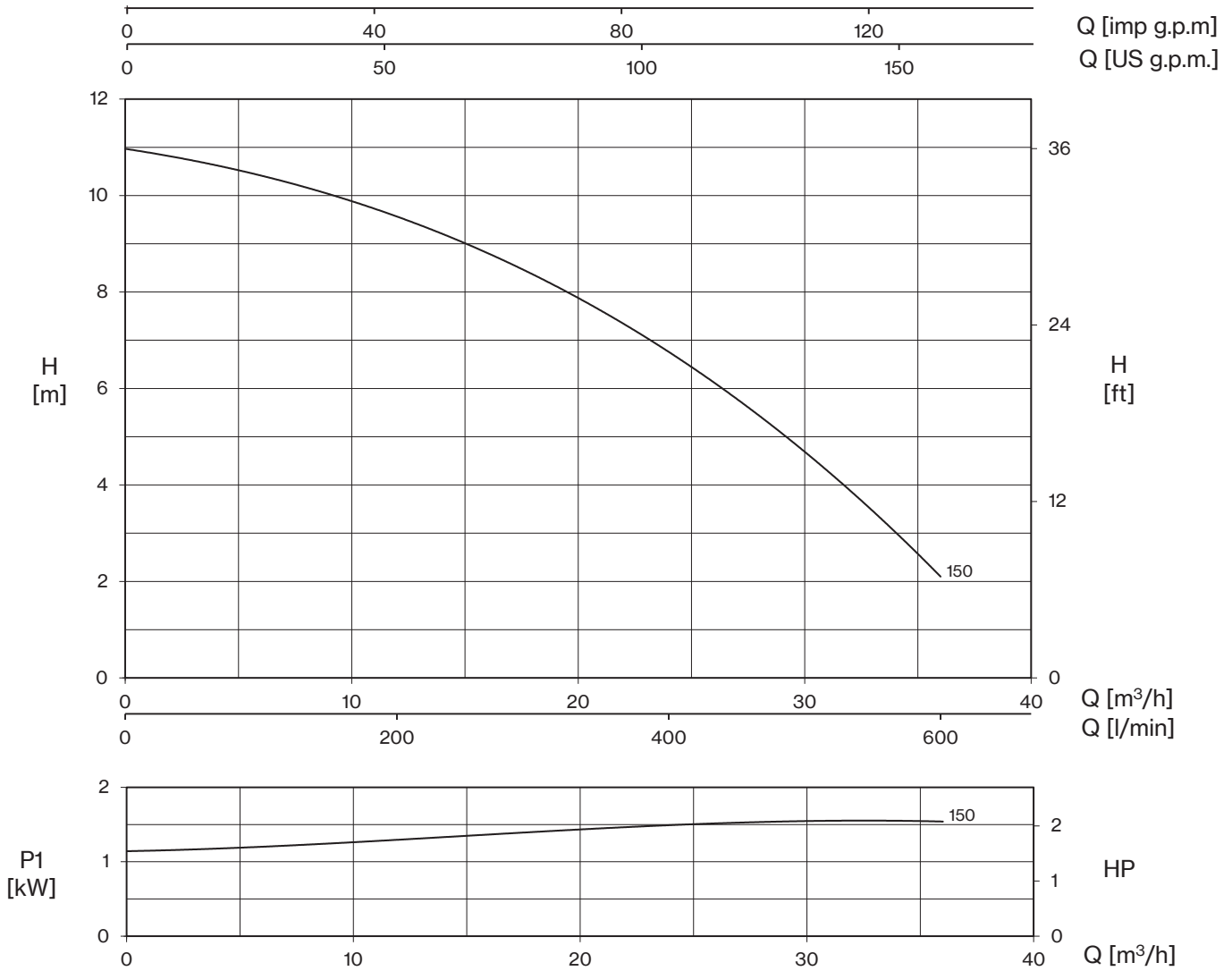
| TYPE | | W | AMPERE | | Q (m³/h - l/min) | | | | | | | | | |
|--------------|-----------|------|------------------------|------------------------|------------------|-----|-----|-----|-----|-----|-----|-----|-----|--|
| 1~ | 3~ | | 1~ 1- 230V 50 Hz | 3~ 3- 400V 50 Hz | 0 | 3 | 6 | 9 | 12 | 15 | 18 | 21 | 24 | |
| | | | | | 0 | 50 | 100 | 150 | 200 | 250 | 300 | 350 | 400 | |
| H (m) | | | | | | | | | | | | | | |
| DG 80 (G) | DGT 80 | 1050 | 4,7 | 2,2 | 8,3 | 7,4 | 6,4 | 5,6 | 4,8 | 3,7 | | | | |
| DG 80/2 (G) | DGT 80/2 | 1050 | 4,7 | 2,2 | 8,3 | 7,4 | 6,4 | 5,6 | 4,8 | 3,7 | | | | |
| DG 100 (G) | DGT 100 | 1350 | 6,2 | 2,8 | 10,4 | 9,4 | 8,7 | 8,1 | 7,4 | 6,6 | 5,7 | | | |
| DG 100/2 (G) | DGT 100/2 | 1350 | 6,2 | 2,8 | 10,4 | 9,4 | 8,7 | 8,1 | 7,4 | 6,6 | 5,7 | | | |
| DG 82 (G) | DGT 82 | 1000 | 4,5 | 2,1 | 6,6 | 6,0 | 5,3 | 4,4 | 3,6 | 2,8 | 2,0 | 1,3 | | |
| DG 102 (G) | DGT 102 | 1200 | 5,3 | 2,4 | 7,5 | 7,1 | 6,4 | 5,7 | 4,9 | 4,0 | 3,2 | 2,1 | 1,3 | |

E: maximum emptying level
Mt: minimum liquid level for continuous duty



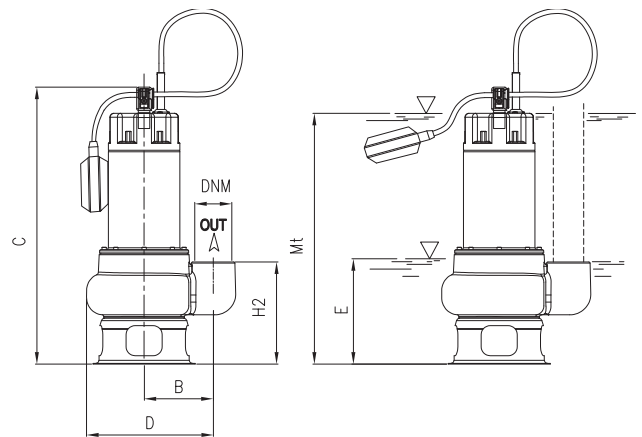
| TYPE | DIMENSIONS (mm) | | | | | | | | | | Kg |
|--------------|-----------------|-----|-----|-----|-----|-----|--------|-----|-----|-----|------|
| | B | C | D | E | H2 | Mt | DNM | I | L | M | |
| DG 80 (G) | 110 | 410 | 230 | 140 | 174 | 290 | 1"1/2G | 250 | 183 | 448 | 13,5 |
| DG 80/2 (G) | 110 | 410 | 230 | 140 | 174 | 290 | 2"G | 250 | 183 | 448 | 14 |
| DG 100 (G) | 110 | 410 | 230 | 140 | 174 | 290 | 1"1/2G | 250 | 183 | 448 | 15,5 |
| DG 100/2 (G) | 110 | 410 | 230 | 140 | 174 | 290 | 2"G | 250 | 183 | 448 | 15,5 |
| DG 82 (G) | 120 | 426 | 250 | 150 | 190 | 300 | 2"G | 264 | 203 | 482 | 15 |
| DG 102 (G) | 120 | 426 | 250 | 150 | 190 | 300 | 2"G | 264 | 203 | 482 | 16 |





| TYPE | | W | AMPERE | | Q (m³/h - l/min) | | | | | | |
|------------|---------|-------|------------------------|------------------------|------------------|------|-----|-----|-----|-----|-----|
| 1~ | 3~ | | 1~ 1- 230V 50 Hz | 3~ 3- 400V 50 Hz | 0 | 6 | 12 | 18 | 24 | 30 | 36 |
| | | | | | 0 | 100 | 200 | 300 | 400 | 500 | 600 |
| | | H (m) | | | | | | | | | |
| DG 150 (G) | DGT 150 | 1550 | 7,1 | 2,9 | 11,0 | 10,4 | 9,6 | 8,3 | 6,8 | 4,6 | 2,1 |

E: maximum emptying level
Mt: minimum liquid level for continuous duty



| TYPE | DIMENSIONS (mm) | | | | | | | | | | Kg |
|------------|-----------------|-----|-------|-----|-----|-----|------|-----|-----|-----|----|
| | B | C | D | E | H2 | Mt | DNM | I | L | M | |
| DG 150 (G) | 142,5 | 461 | 247,5 | 185 | 170 | 390 | 2" G | 200 | 260 | 470 | 19 |

