



Drainage pump with open impeller for pumping liquids with suspended solids. Characterized by high head.



White water

Construction features

Pump body cast iron

Shell, motor cover, base support stainless steel



Impeller brass

Mechanical seal double seal with oil barrier; silicon carbide on pump side, sealing ring on motor side

Motor shaft stainless steel AISI 430

Free passage Ø max 10 mm

Max submergence max 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)

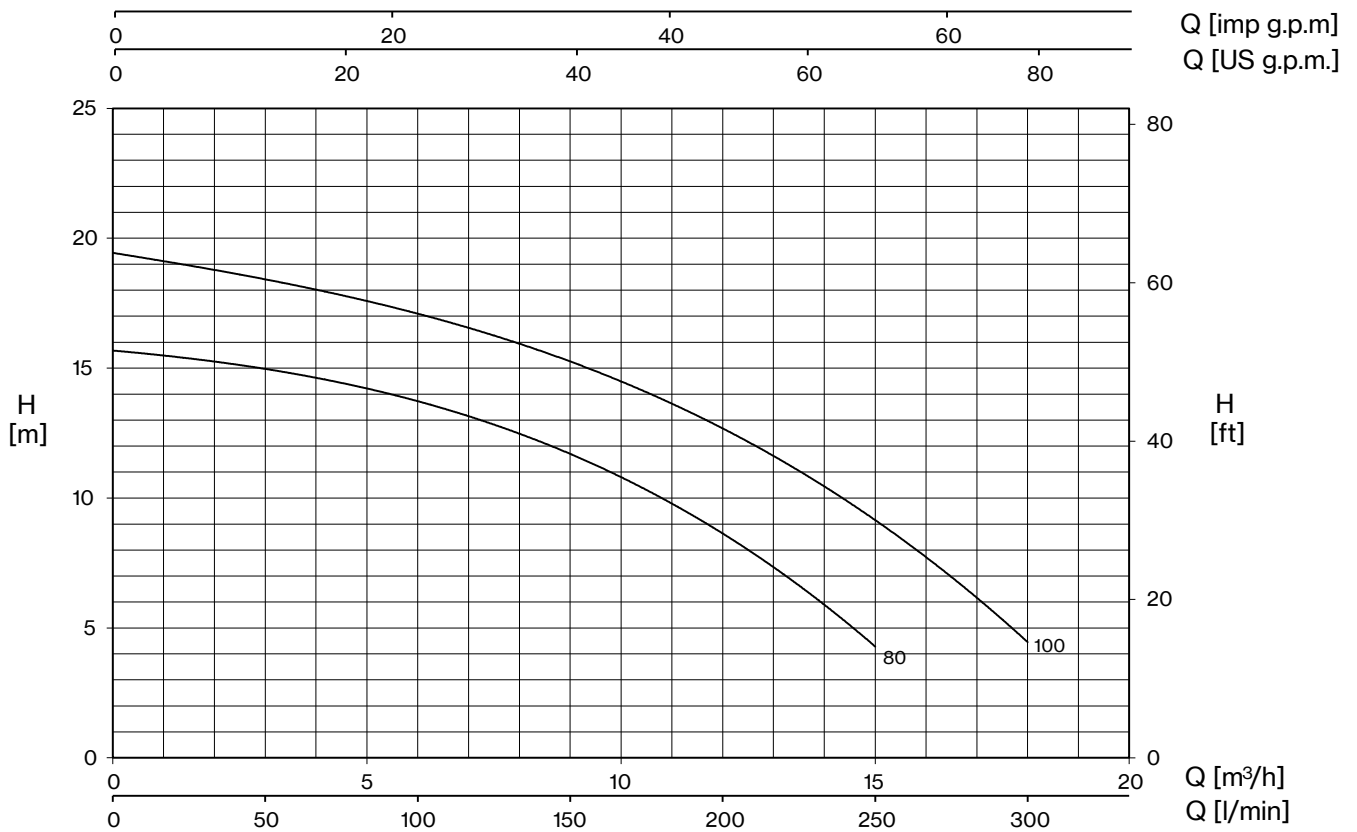
Insulation class F

Protection degree IPX8

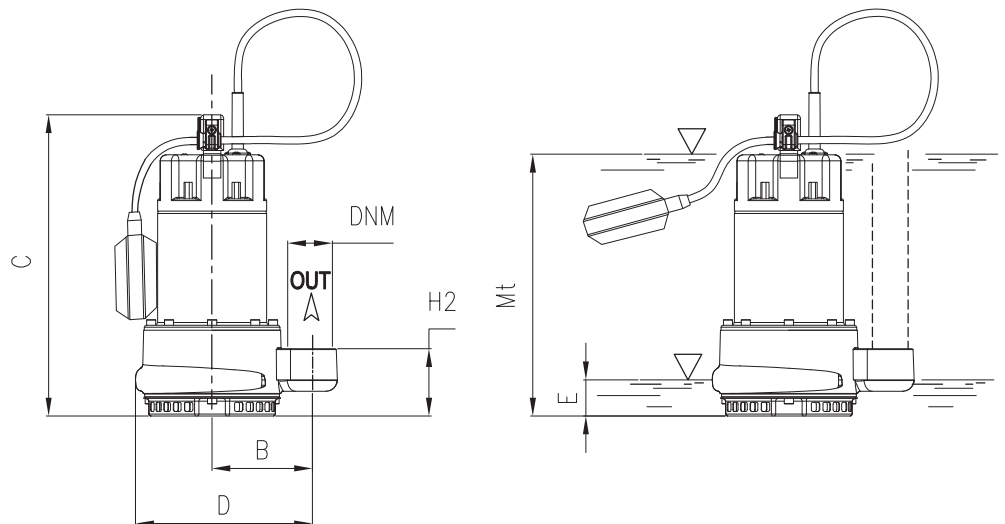
| TYPE | LOTS | | | |
|------|-------------|----------|-------------|----------|
| | TRUCK | | CONTAINER | |
| | PALLET (cm) | N° pumps | PALLET (cm) | N° pumps |
| DR | 80×120×125 | 57 | 80×120×165 | 76 |



DR



| TYPE | | W | AMPERE | | Q (m³/h - l/min) | | | | | | |
|------------|----------|------|------------------|------------------|------------------|------|------|------|------|-----|-----|
| 1~ | 3~ | | 1~ | 3~ | 0 | 3 | 6 | 9 | 12 | 15 | 18 |
| | | | 1x230 V 50 Hz | 3x400 V 50 Hz | 0 | 50 | 100 | 150 | 200 | 250 | 300 |
| H (m) | | | | | | | | | | | |
| DR 80 (G) | DR 80 T | 980 | 4,3 | 2,1 | 15,7 | 14,9 | 13,8 | 11,7 | 8,6 | 4,3 | |
| DR 100 (G) | DR 100 T | 1370 | 6,2 | 2,8 | 19,4 | 18,5 | 17,1 | 15,2 | 12,6 | 9,3 | 4,4 |



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 | |
| DR 80 (G) | 105 | 330 | 218.5 | 45 | 70 | 190 | 1" 1/2 G | 180 | 255 | 380 | 14,5 |
| DR 100 (G) | 105 | 330 | 218.5 | 45 | 70 | 190 | 1" 1/2 G | 180 | 255 | 380 | 16 |