



Drainage pumps with “Double-Channel” impeller for pumping waste 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.



Grey water



Black water

Construction features

Painting cataphoresis

Pump body cast iron

Shell, motor cover, base support stainless steel



Impeller stainless steel

Mechanical seal

double seal with oil chamber: silicon carbide on pump side, ceramic-graphite on motor side

Motor shaft stainless steel AISI 430

Free passage Ø max 50 mm

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
DB	80×120×160	51	80×120×160	51

DB 100 G

T 3~

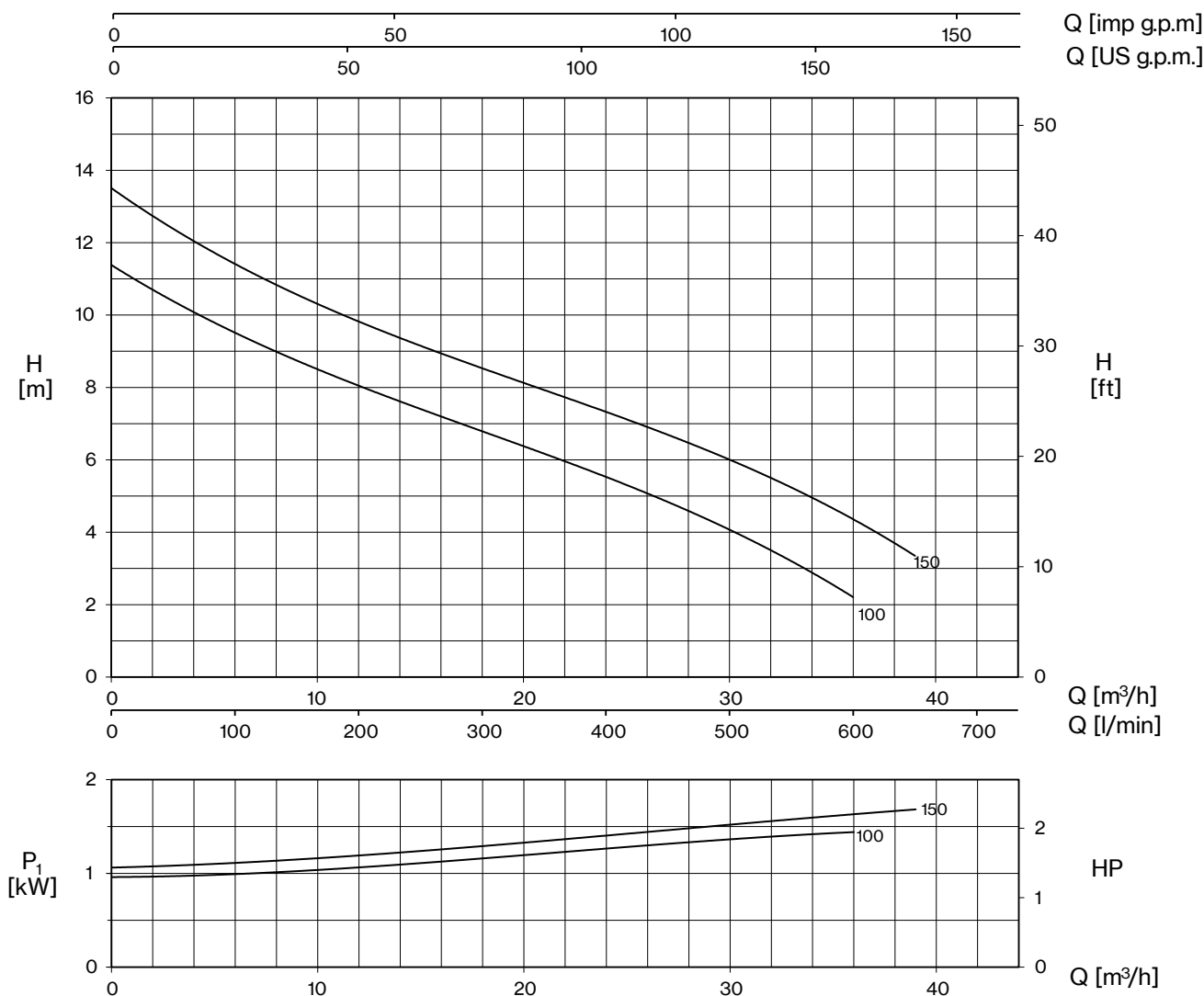
1~ without float switch

G 1~ with float switch

— pump type

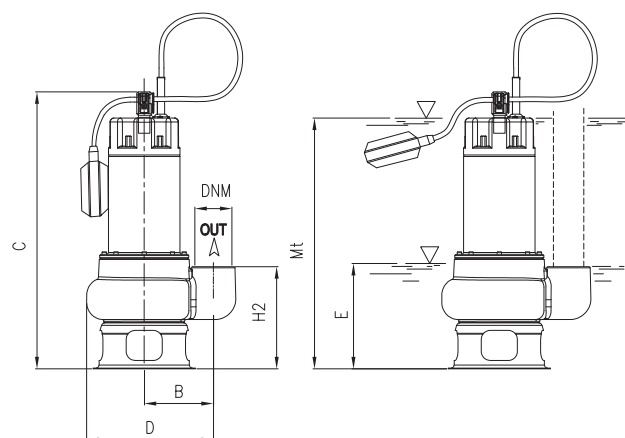


DB



TYPE - 50 Hz		P1	CURRENT		Q (m³/h - l/min)							
1~	3~		1~ 230V	3~ 400V	0	6	12	18	24	30	36	39
					0	100	200	300	400	500	600	650
			kW	A		H (m)						
DB 100 (G)	DB 100T	1,35	5,9	2,8	11,4	9,5	8,0	6,8	5,6	4,0	2,2	
DB 150 (G)	DB 150T	1,7	8,0	3,0	13,6	11,5	9,8	8,5	7,3	6,0	4,3	3,4

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



TYPE		DIMENSIONS (mm)											
1~	3~	B	C	D	E	H2	Mt	DNM	I	L	M		
DB 100 (G)	DB 100T	142,5	461	247,5	185	170	390	2" G	200	260	470		17
DB 150 (G)	DB 150T	142,5	461	247,5	185	170	390	2" G	200	260	470		18,5