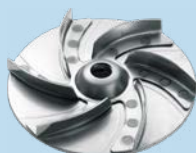




DG 80-102



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

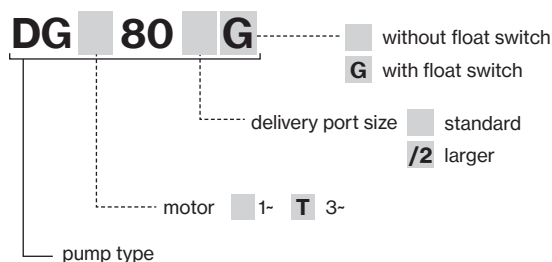
3~ 400V - 50Hz

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

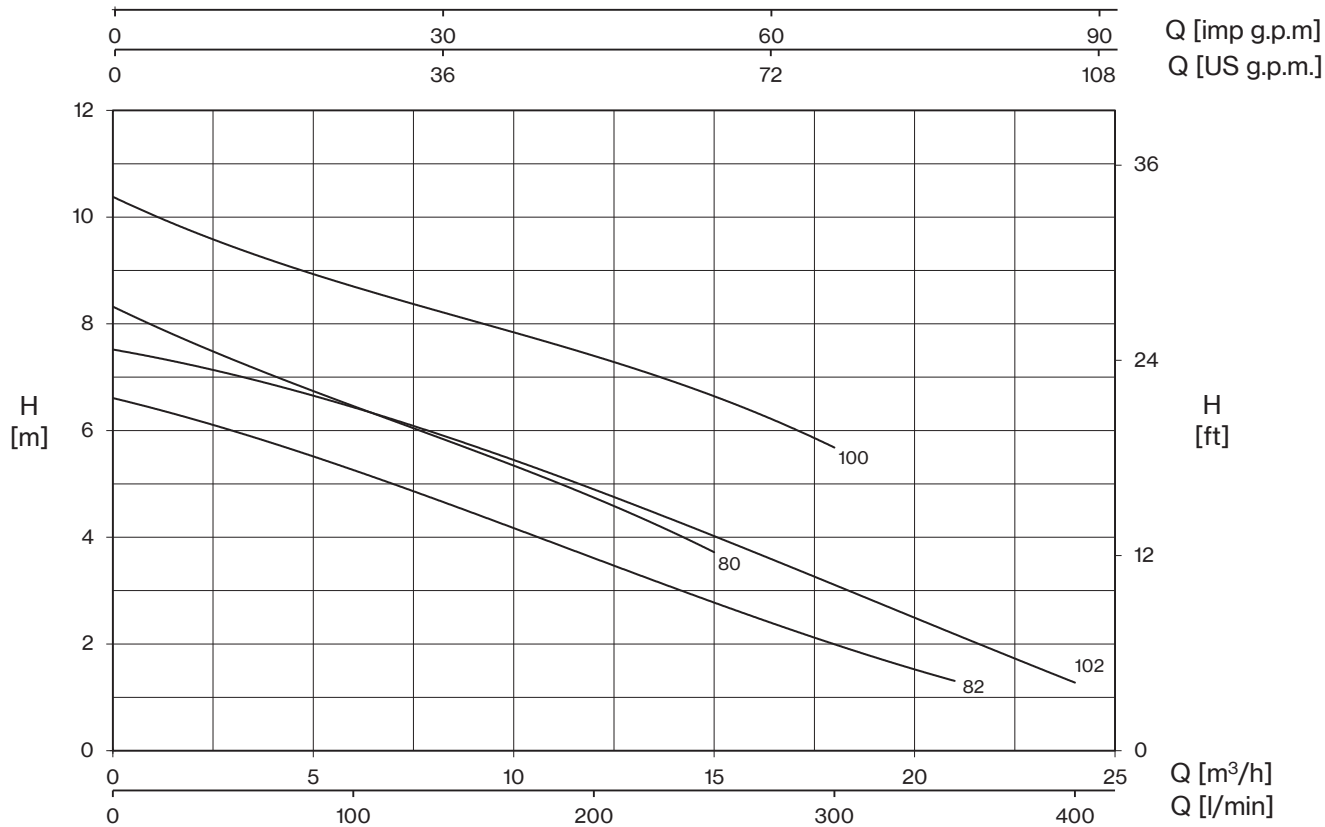
Insulation class F

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

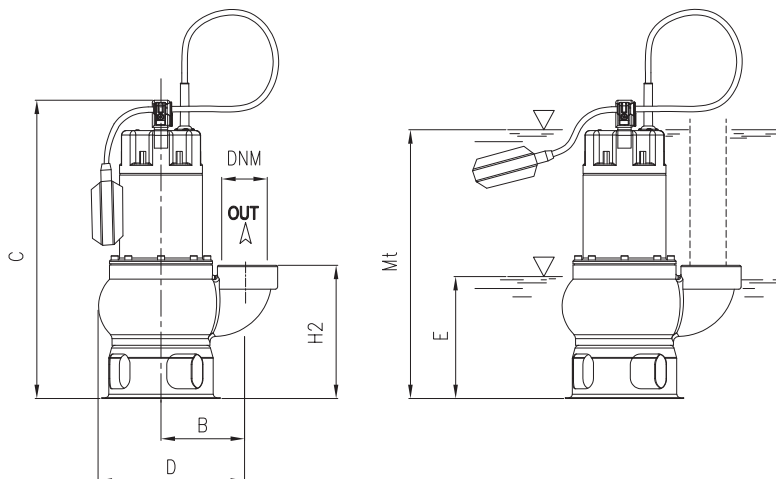


DG



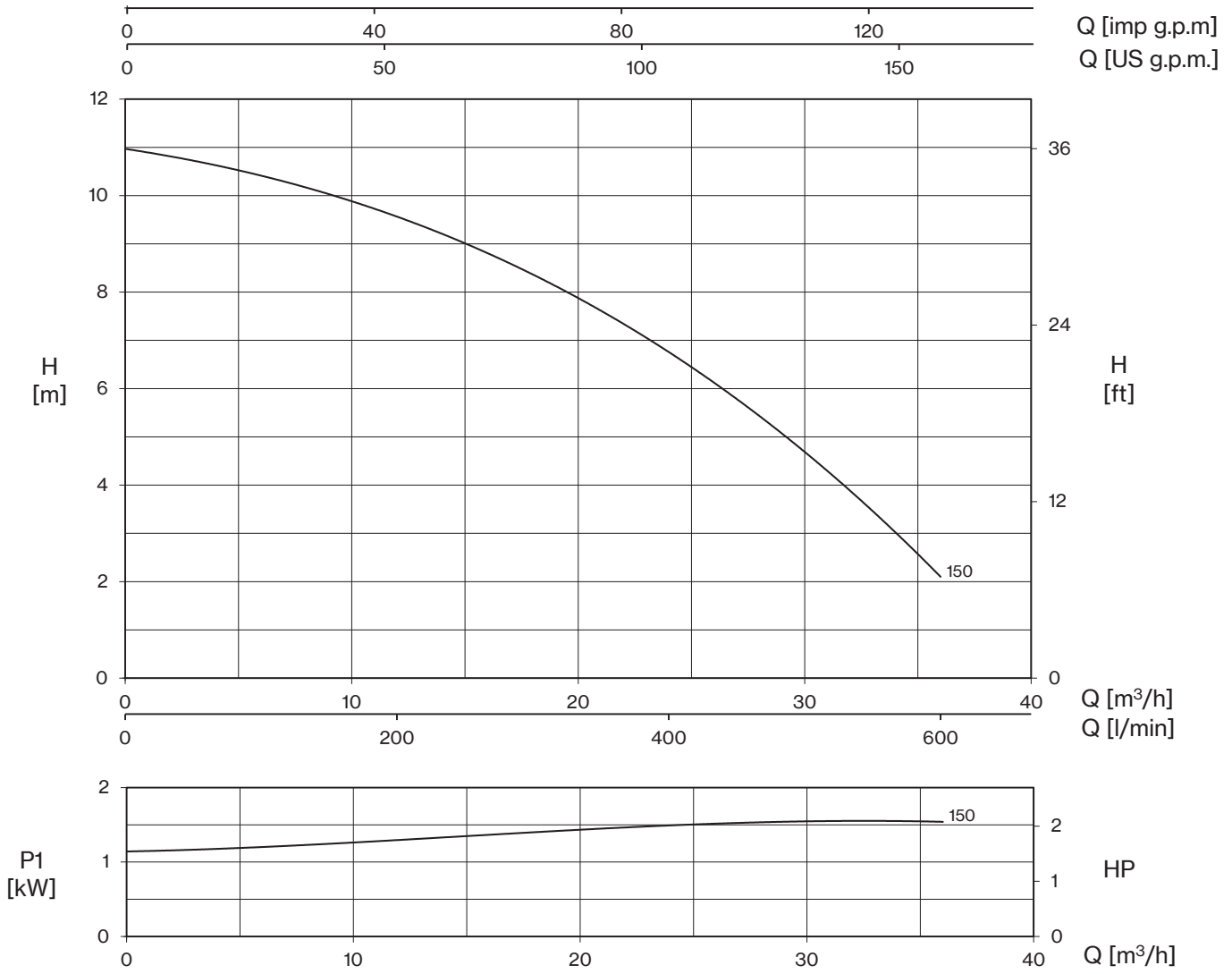
TYPE - 50 Hz		P1	CURRENT		Q (m³/h - l/min)								
1~	3~		1~ 230V	3~ 400V	0	3	6	9	12	15	18	21	24
					0	50	100	150	200	250	300	350	400
		kW	A		H (m)								
DG 80 (G)	DGT 80	1,05	4,7	2,2	8,3	7,4	6,4	5,6	4,8	3,7			
DG 80/2 (G)	DGT 80/2	1,05	4,7	2,2	8,3	7,4	6,4	5,6	4,8	3,7			
DG 100 (G)	DGT 100	1,35	6,2	2,8	10,4	9,4	8,7	8,1	7,4	6,6	5,7		
DG 100/2 (G)	DGT 100/2	1,35	6,2	2,8	10,4	9,4	8,7	8,1	7,4	6,6	5,7		
DG 82 (G)	DGT 82	1	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	1,2	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



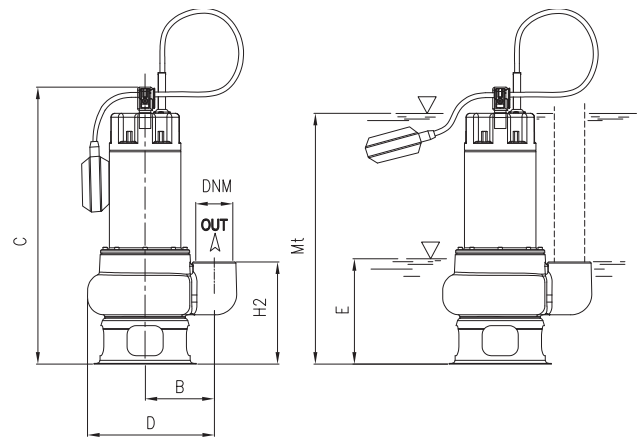
TYPE		DIMENSIONS (mm)							M			Kg
1~	3~	B	C	D	E	H2	Mt	DNM	I	L	M	
DG 80 (G)	DGT 80	115	421	199	155	174	370	1 1/2" G	250	183	448	13,5
DG 80/2 (G)	DGT 80/2	115	421	199	155	174	370	2" G	250	183	448	14
DG 100 (G)	DGT 100	115	421	199	155	174	370	1 1/2" G	250	183	448	15,5
DG 100/2 (G)	DGT 100/2	115	421	199	155	174	370	2" G	250	183	448	15,5
DG 82 (G)	DGT 82	120	437	210	171	190	386	2" G	264	203	482	15
DG 102 (G)	DGT 102	120	437	210	171	190	386	2" G	264	203	482	16





TYPE - 50 Hz		P1	CURRENT		Q (m³/h - l/min)						
1~	3~		1~ 230V	3~ 400V	0	6	12	18	24	30	36
					0	100	200	300	400	500	600
			kW	A		H (m)					
DG 150 (G)	DGT 150	1,55	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 continuos duty



TYPE		DIMENSIONS (mm)										
1~	3~	B	C	D	E	H2	Mt	DNM	I	L	M	
DG 150 (G)	DGT 150	115	469	210	160	170	417	2" G	200	260	470	19