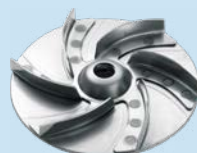




Drainage pumps with set-back Vortex type impeller for pumping charged waters and liquids with suspended solids; ideal for civil and household applications. The single-phase version includes a built-in capacitor, a thermal protector and it can be equipped with a float switch.



Grey water



Black water

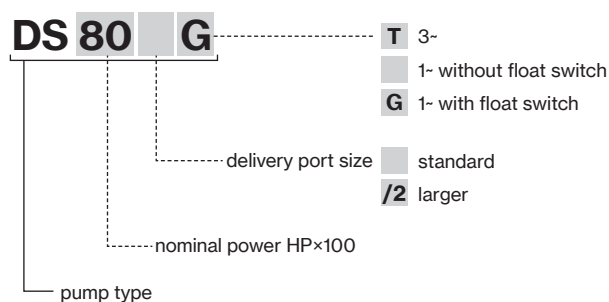
Construction features

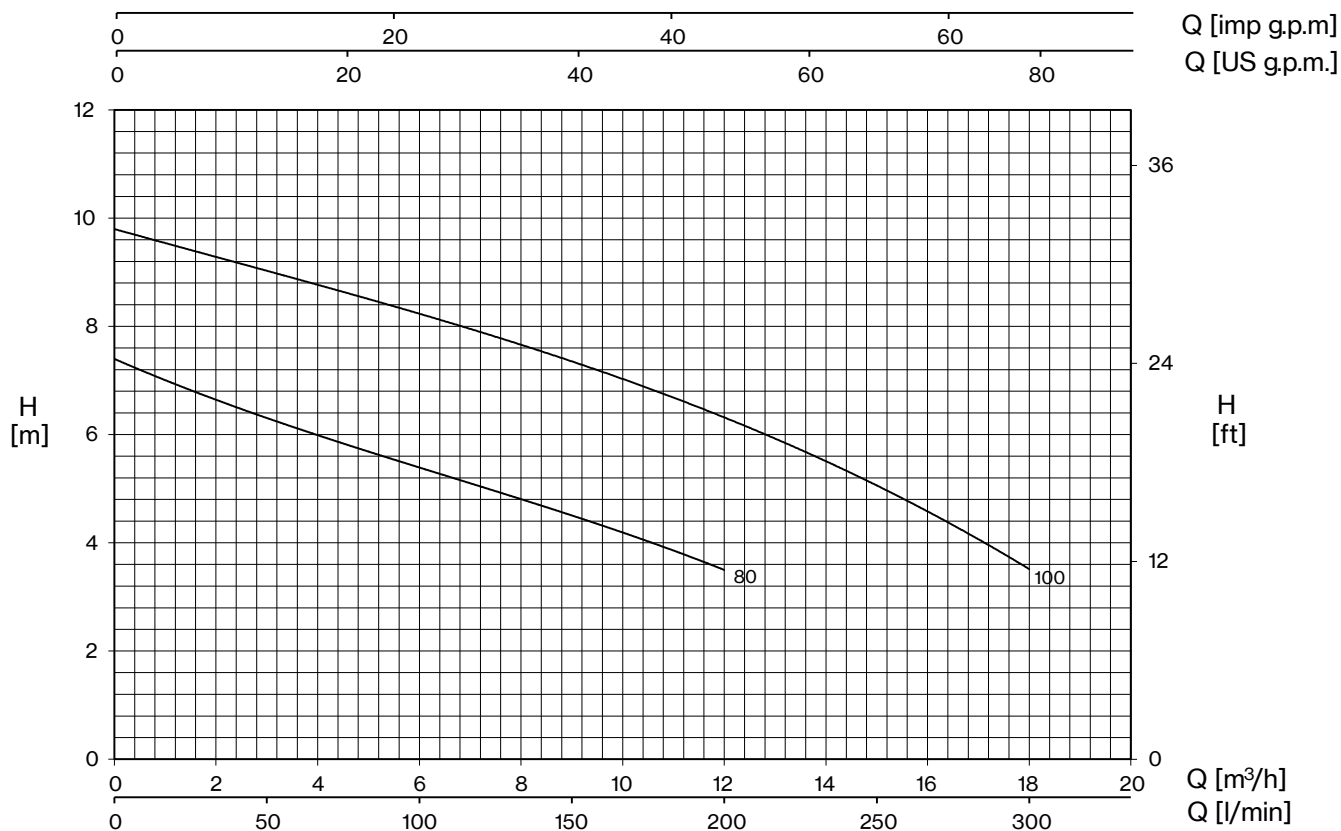
Painting	cataphoresis
Pump body	stainless steel with openings 1½" and 2"
Shell, motor cover, base support	stainless steel
	Impeller stainless steel Vortex type
Mechanical seal	double seal with oil barrier; silicon carbide on pump side, sealing ring on motor side
Motor shaft	stainless steel AISI 430
Free passage	Ø max 28 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

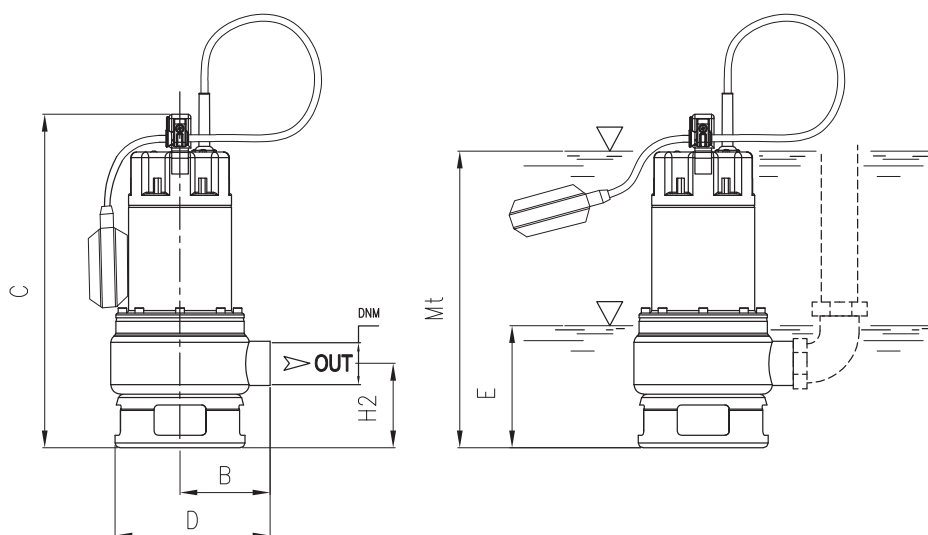
TYPE	TRUCK		CONTAINER	
	PALLET (cm)	N° pumps	PALLET (cm)	N° pumps
DS	80×120×145	48	80×120×190	76





TYPE		W	AMPERE		Q (m³/h - l/min)						
1~	3~		1~	3~	0	3	6	9	12	15	18
					0	50	100	150	200	250	300
			1~ 230V 50 Hz	3~ 400V 50 Hz	H (m)						
DS 80 (G)	DS 80T	1050	4,7	2,2	7,4	6,3	5,4	4,5	3,5		
DS 80/2 (G)	DS 80/2T	1050	4,7	2,2	7,4	6,3	5,4	4,5	3,5		
DS 100 (G)	DS 100T	1350	6,2	2,8	9,8	9	8,3	7,3	6,3	5,1	3,5
DS 100/2 (G)	DS 100/2T	1350	6,2	2,8	9,8	9	8,3	7,3	6,3	5,1	3,5

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	
DS 80 (G)	104	400	183	125	112	280	1" ½ G	250	183	448	10,5
DS 80/2 (G)	114	400	183	125	112	280	2" G	250	183	448	10,5
DS 100 (G)	104	400	183	125	112	280	1" ½ G	250	183	448	12
DS 100/2 (G)	114	400	183	125	112	280	2" G	250	183	448	12