DX



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

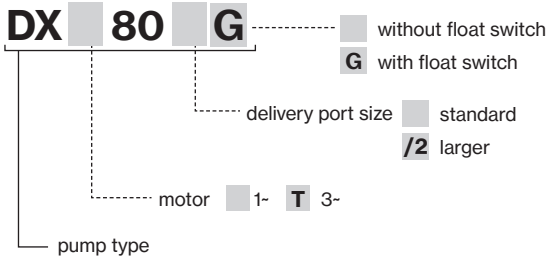
Construction features

Pump body	stainless steel with openings 1" ½ 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

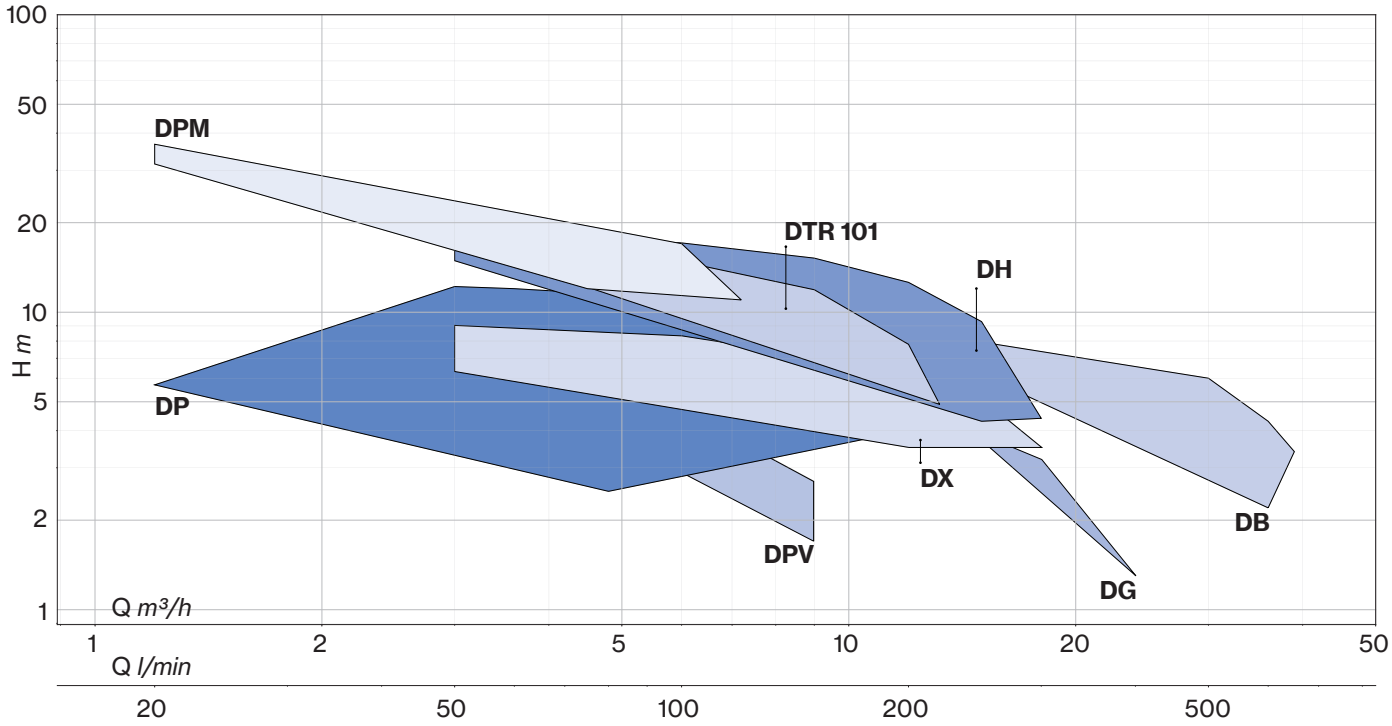
2 poles induction motor	3~ 400V - 50Hz 1~ 230V - 50Hz (with thermal protection)
Insulation class	F
Protection degree	IPX8

LOTS				
TYPE	TRUCK		CONTAINER	
	PALLET (cm)	N° pumps	PALLET (cm)	N° pumps
DX(T)	80×120×150	57	85×120×190	76
			85×110×190	72

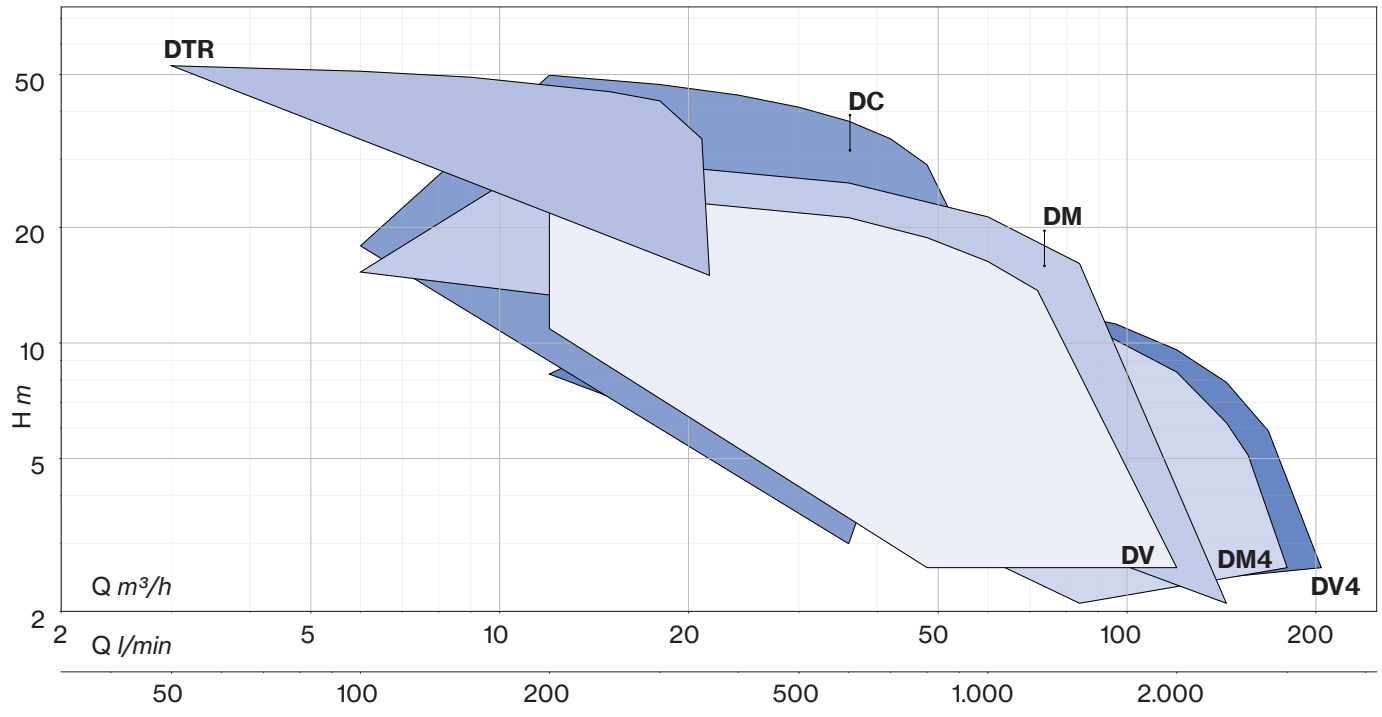


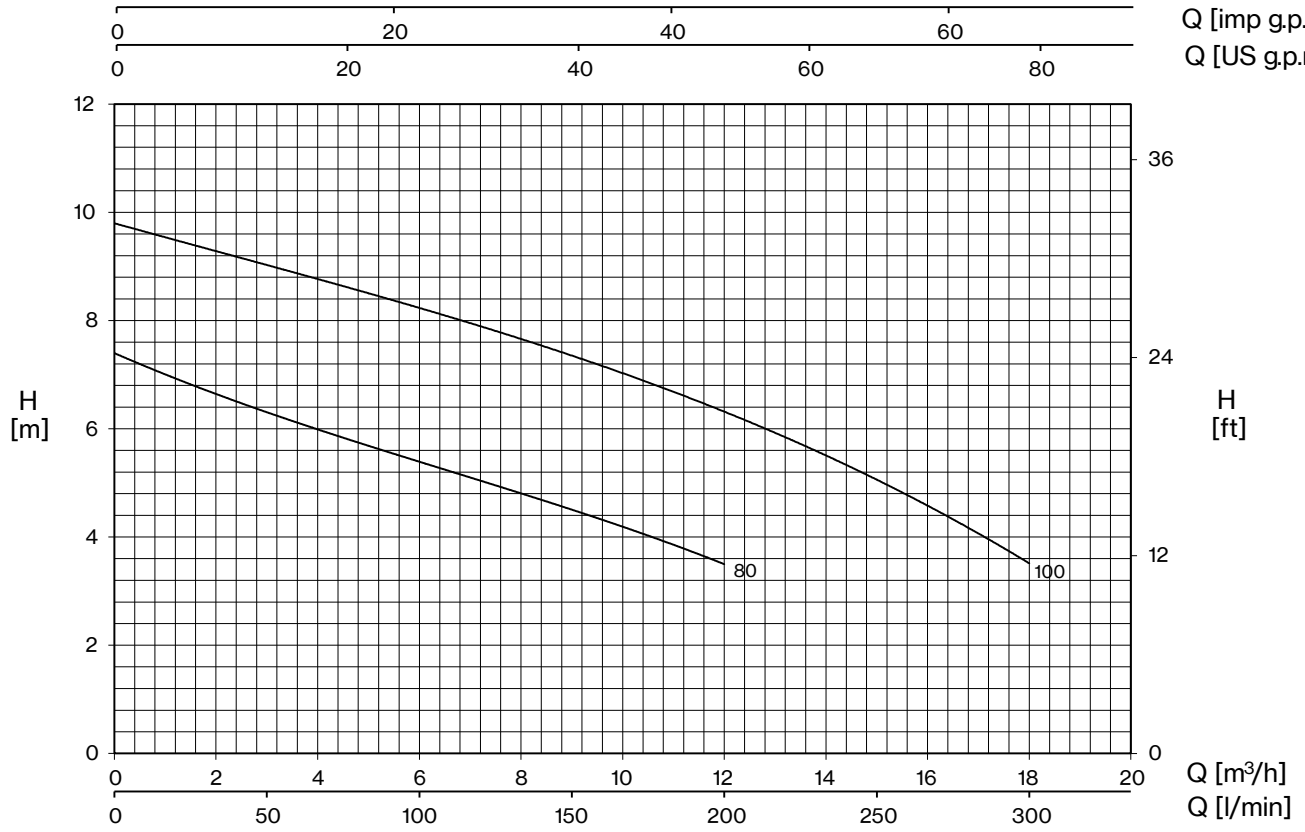
DRAINAGE AND SEWAGE PUMPS

Drainage



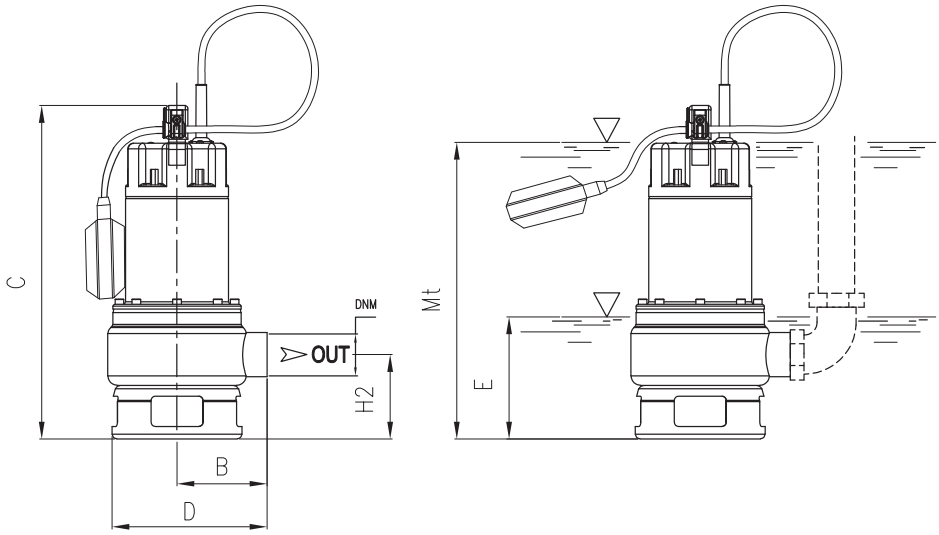
Sewage





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

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



TYPE		DIMENSIONS (mm)										Kg
1~	3~	B	C	D	E	H2	Mt	DNM	I	L	M	
DX 80 (G)	**DXT 80**	104	409,5	189	125	112	280	1" ½ G	250	183	448	10,5
DX 80/2 (G)	**DXT 80/2**	108	409,5	193	125	112	280	2" G	250	183	448	10,5
DX 100 (G)	**DXT 100**	104	409,5	189	125	112	280	1" ½ G	250	183	448	12
DX 100/2 (G)	**DXT 100/2**	108	409,5	193	125	112	280	2" G	250	183	448	12