



Drainage pump with set-back Vortex type impeller for pumping charged waters and liquids with suspended solids; ideal for civil and household applications.

### CONSTRUCTION FEATURES

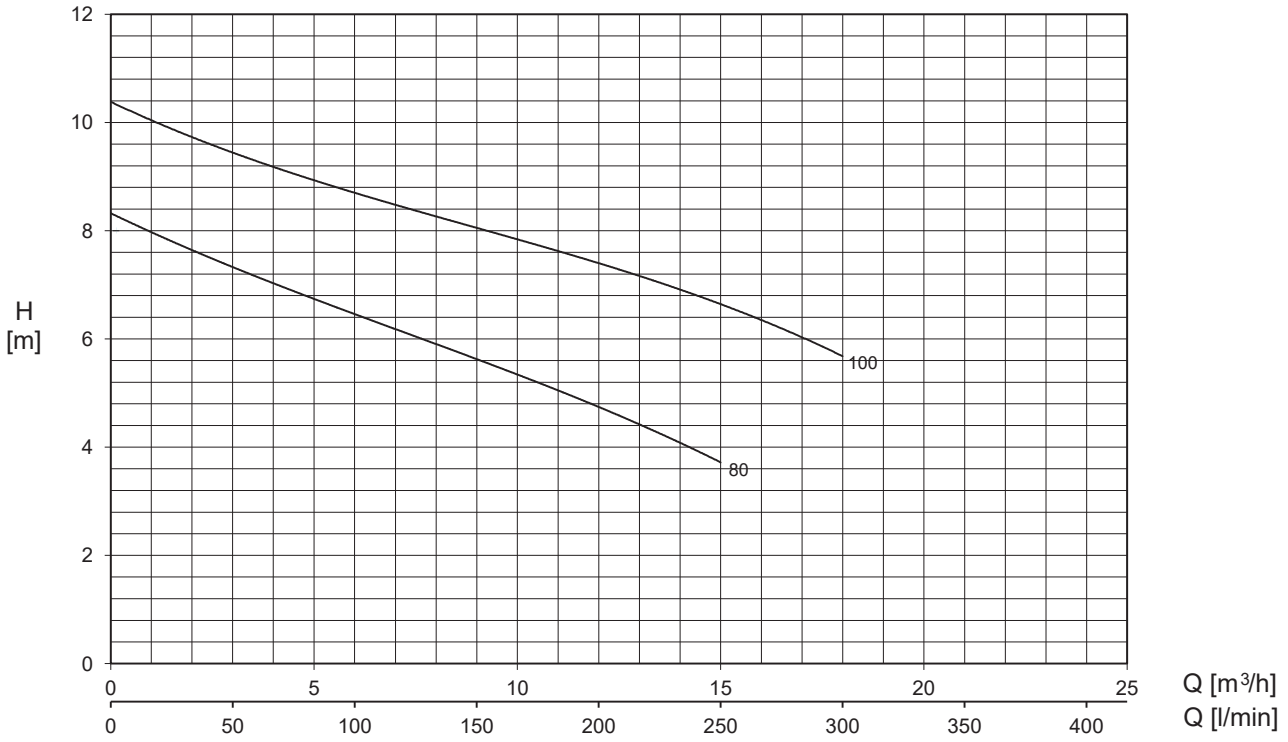
<b>Pump body</b>	Cast iron with openings 1"1/2 and 2"
<b>Shell, motor cover, base support</b>	Stainless steel
<b>Impeller</b>	Stainless steel set-back Vortex
<b>Mechanical seal</b>	Double seal with oil barrier; silicon carbide on pump Side, sealing ring on motor side
<b>Motor shaft</b>	Stainless steel AISI 430
<b>Passage of solids</b>	Ø Max 35 mm (DC 80-100) Ø Max 50 mm (DC 82-102)
<b>Depth of immersion</b>	Max 5 m
<b>Liquid temperature</b>	0 - 40 °C
<b>Cable</b>	H07 RNF, 10 m

**G** Float switch

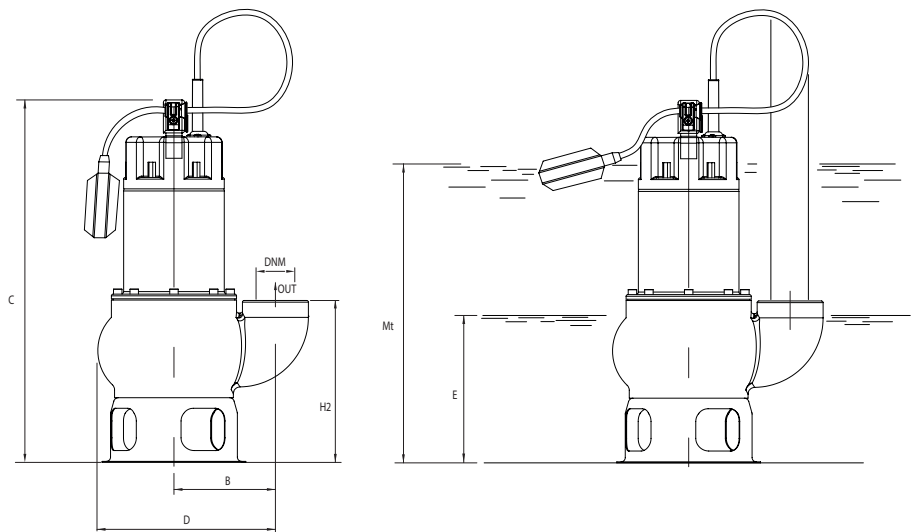
### MOTOR

<b>2 Pole induction motor</b>	1~ 240V-50Hz With thermal protection
<b>Insulation class</b>	F
<b>Protection degree</b>	IP68

Code	Description
DC80-1A	HYJET 1050 Watt 240V 250 L/min 8m Head Vortex Submersible Pump with Float Switch
DC100-1A	HYJET 1350 Watt 240V 300 L/min 10m Head Vortex Submersible Pump with Float Switch



TYPE		W	AMPERE		Q (m³/h - l/min)									
1~	3~		1~	3~	0	3	6	9	12	15	18	21	24	
					0	50	100	150	200	250	300	350	400	
DC 80/2 (G)	DC 80/2 T	1050	1x230 V 50 Hz	3x400 V 50 Hz	H (m)									
			4,7	2,2	8,3	7,4	6,4	5,6	4,8	3,7	-	-	-	
DC 100/2 (G)	DC 100/2 T	1350	6,2	2,8	10,4	9,4	8,7	8,1	7,4	6,6	5,7	-	-	



E: maximum emptying level  
Mt: lowest level for continuous duty

TYPE	DIMENSIONS (mm)										Kg
	B	C	D	E	H2	Mt	DNM	I	L	M	
DC 80/2 (G)	110	410	230	115	160	270	2"G	170	245	425	12
DC 100/2 (G)	110	410	230	115	160	270	2"G	170	245	425	13.5