

# SUBMERSIBLE PUMPS

## Drainage & Vortex Submersibles

### DC SERIES



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

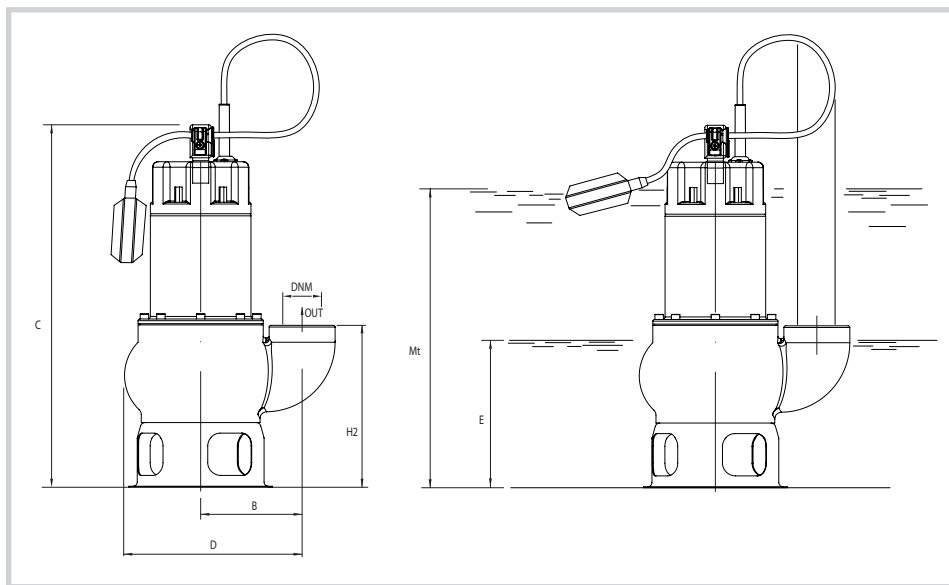
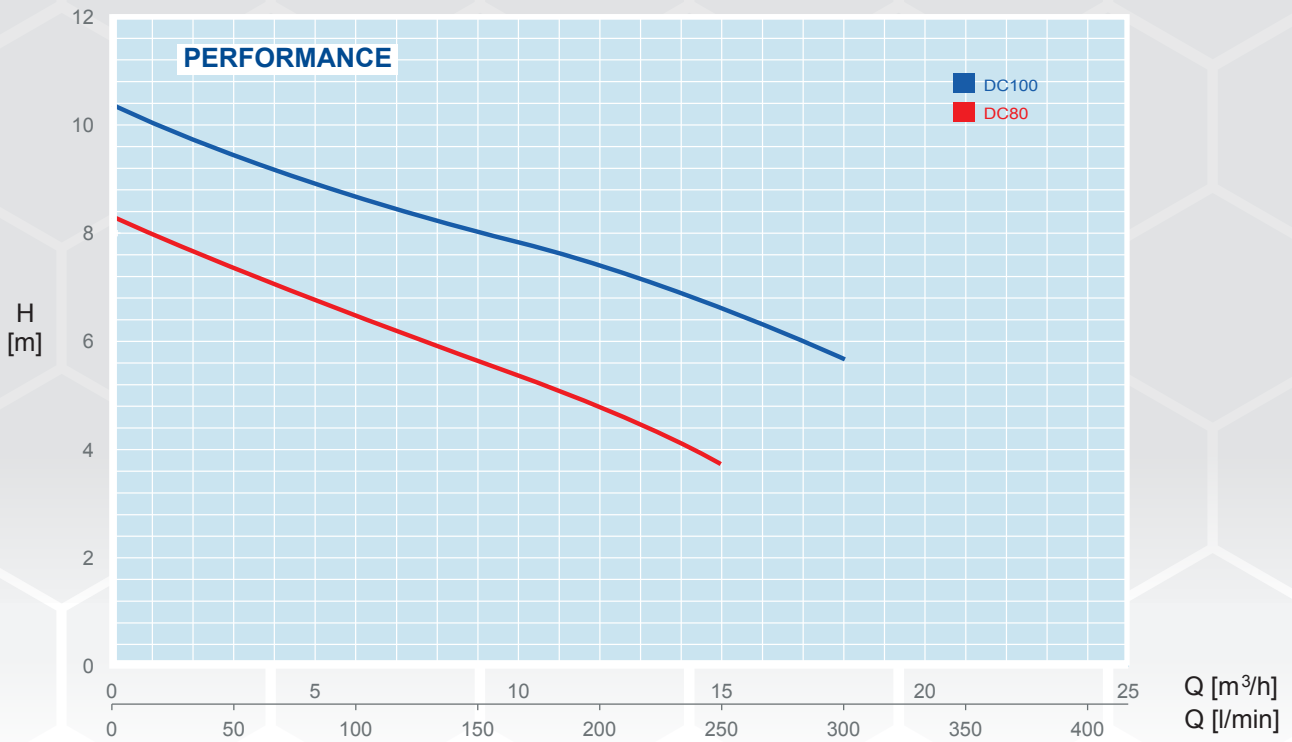
<b>Pump body</b>	Cast iron with openings 1"1/2 and 2"
<b>Shell, motor cover, base support</b>	Stainless steel
<b>Impeller</b>	Stainless steel set-back Vortex
<b>Mechanical seal</b>	Double seal with oil barrier; silicon carbide on pump Side, sealing ring on motor side
<b>Motor shaft</b>	Stainless steel 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
<b>A</b>	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 (HP)	Ampere		Q (m³/h - l/min)								
1~	3~		1~	3~	0	3	6	9	12	15	18	21	24
			1x230V 50 Hz	3x400V 50 Hz	H (m)								
DC80-1A	DC80-3	1050	4.7	2.2	8.3	7.4	6.4	5.6	4.8	3.7	-	-	-
DC100-1A	DC100-3	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)										
	B	C	D	E	H2	Mt	DNM	I	L	M	
<b>DC80</b>	110	410	230	115	160	270	2°G	170	245	425	12
<b>DC100</b>	110	410	230	115	160	270	2°G	170	245	425	13.5