

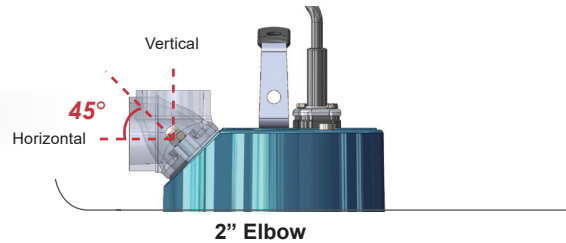
DU PONT Hytrel®
Steel coated with thermoplastic polyester elastomer



Flap valve
(Optional)

Standard Discharge Elbow

45° Elbow Bend to Select Discharge Direction



APPLICATIONS

- Site drainage, mining, tunneling, public works, floods.
- Cement industry, river intake, civil engineering projects.

FEATURES

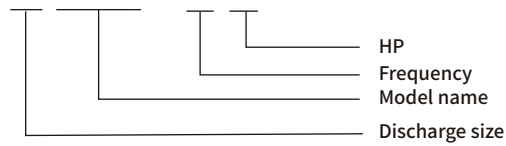
- Compact & light weight design.
- Capable of handling solids up to 6mm
- 45° Elbow Bend to Select Discharge Direction
- Efficient circumferential cooling for continuous duty.
- Low suction device with non-return flap valve, capable to keep the water within pump and pipe without flowback.

OPERATING CONDITIONS

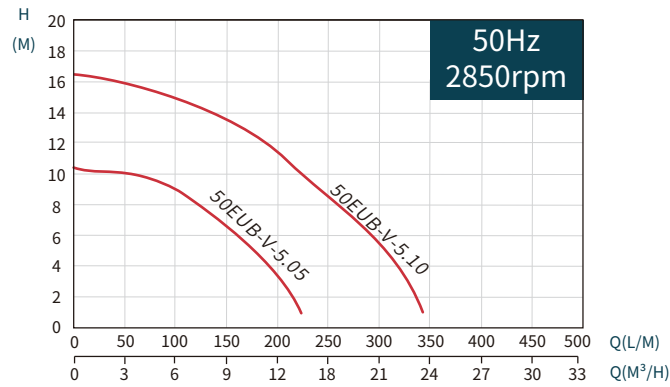
Liquid temperature	0~40°C (32~104°F)
Submersible depth	10M
Frequency	50Hz
Pole	2 Pole
Motor type	Dry type
Insulation class	Class B
Protection	IP 68
Protector	Auto-Cut
Bearing	Ball type
Mechanical seal	Double mechanical seal
Impeller	Semi-open impeller

MODEL DESCRIPTION

50 EUB-V - 5.05



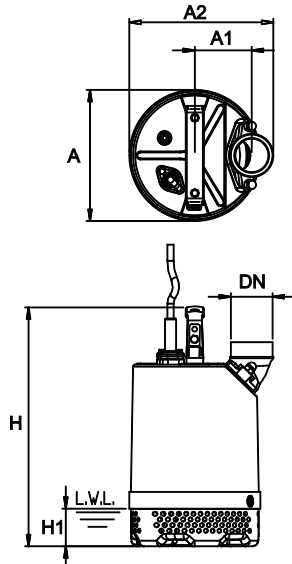
CURVES



PERFORMANCE

MODEL	OUTPUT		DISCHARGE Inch	Q(lpm) Q(m³/h)	0	50	100	150	200	250	300
	HP	kW			0	3	6	9	12	15	18
50EUB-V-5.05	0.5	0.37	2"	H(m)	10.5	10.1	9	6.8	3.4		
50EUB-V-5.10	1	0.75	2"		16.5	16	15	13.4	11.4	8.9	5.5

DIMENSIONS(mm)

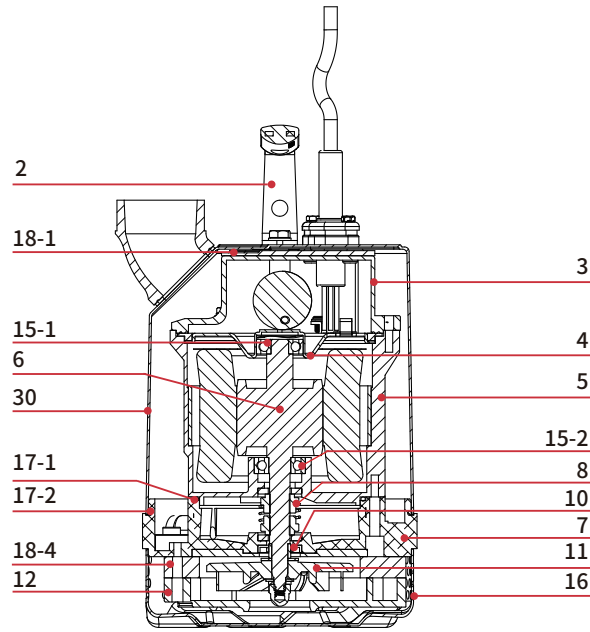


Type	A	A1	A2	H	H1	DN
50EUB-V-5.05	188	82	207	345	53	2"
50EUB-V-5.10	188	82	207	370	53	2"

SPECIFICATIONS

Model	Output		Discharge Inch	F.L.A.		Rated		Maximum		Free passage mm	Weight (W/O Cable)	
	HP	kW		1ø 230V	3ø 400V	Head m	Cap. lpm	Head m	Cap. lpm		1ø-kg	3ø-kg
50EUB-V-5.05	0.5	0.37	2"	3A	0.9A	8	125	10.5	225	6	11.3	11.3
50EUB-V-5.10	1	0.75	2"	6A	1.9A	10	225	16.5	345	6	13.7	13.7

PARTS AND MATERIALS LIST



No.	Part	Material
2	Handle	Steel+NBR
3	Motor Cover	ADC12
4	Bracket	Steel
5	Motor Housing + Stator	ADC12+Steel
6	Shaft with Rotor	AISI 410
7	Oil Chamber	ADC12
8	Mechanical Seal	CA/CE+SIC/SIC
10	Lip Seal	NBR
11	Impeller	Hytrel
12	Pump Casing	EN-GJL-200
15-1	Upper Bearing	NTN/TPI
15-2	Lower Bearing	NTN/TPI
16	Strainer	SPCC
17-1	O-ring	NBR
17-2	O-ring	NBR
18-1	Gasket	NBR
18-4	Volute Liner	NBR
30	Outer Housing	SPCC

TPI is a family brand of NTN group.

All technical information is subject to change without notice.