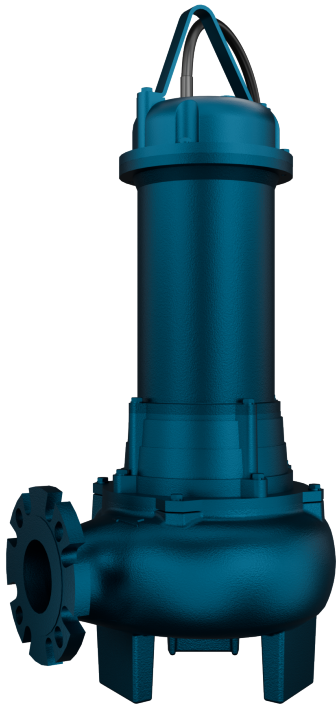
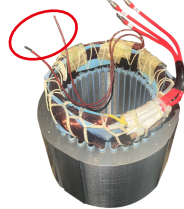


HIPPO-4P DN

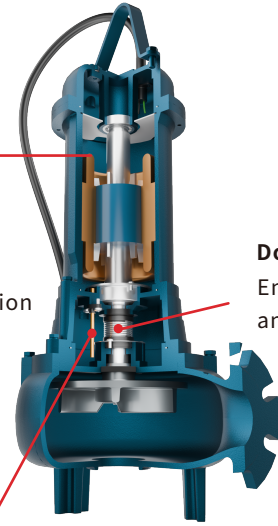
DN 80 FULL FREE PASSAGE SUBMERSIBLE SEWAGE PUMP



• Bi-metal Protector



With temperature protection function and signal wire output



Double Mechanical Seal
Enhances reliability and service life

Leakage detector

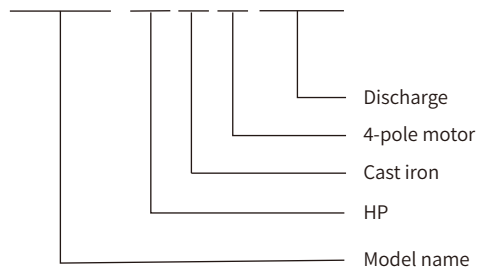
Mechanical seal wear allows water to enter the oil chamber, triggering a conductivity alarm due to the oil-water mixture.

APPLICATIONS

- For heavy-duty applications with soiled biological wastewater, sewage, rainwater
- For both residential and professional use

MODEL DESCRIPTION

HIPPO-300C-4P DN80



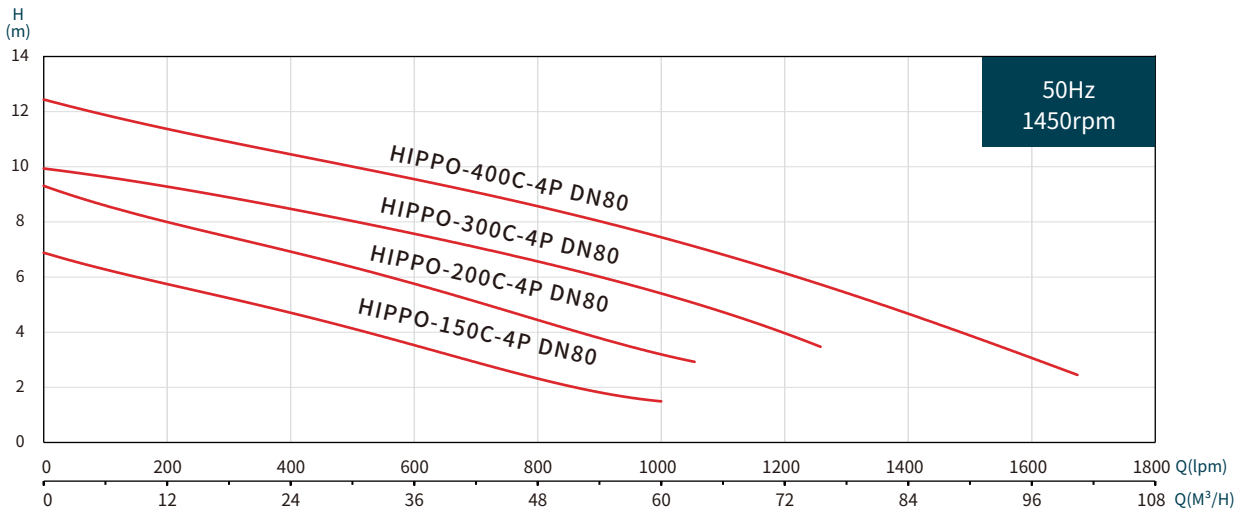
FEATURES

- Vortex impeller design
- DN 80 (75-80mm) solids free passage
- EKK Eagle Burgmann double mechanical seal: CA/CE & SIC/SIC
- Volute connection available in DIN PN10/16
- Leakage detector for mechanical seal leakage monitoring

OPERATING CONDITIONS

Liquid temperature	0~40°C (32°~104°F)
Submersible depth	10m
Frequency	50HZ
Pole	4 pole
Motor type	Dry type
Insulation class	Class H
Protection	IP68
Protector	Bi-metal Protector Leakage detector
Bearing	Ball type
Mechanical seal	Dual mechanical seal
Impeller	Vortex Impeller

PERFORMANCE CURVES



PERFORMANCE

MODEL	OUTPUT		DISCHARGE Inch	Q(lpm) Q(m³/h)	0	200	400	600	800	1000	1200	1400	1600
	HP	kW			0	12	24	36	48	60	72	84	96
HIPPO-150C-4P DN80	1.5	1.1	3"	H(m)	6.9	5.7	4.7	3.5	2.3	1.5	-	-	-
HIPPO-200C-4P DN80	2	1.5	3"		9.3	8	6.9	5.8	4.4	3.2	2.5	3.1	-
HIPPO-300C-4P DN80	3	2.2	3"		9.9	9.3	8.5	7.6	6.6	5.4	4	2.1	-
HIPPO-400C-4P DN80	4	3	3"		12.4	11.4	10.5	9.6	8.6	7.4	6.1	4.7	3.1

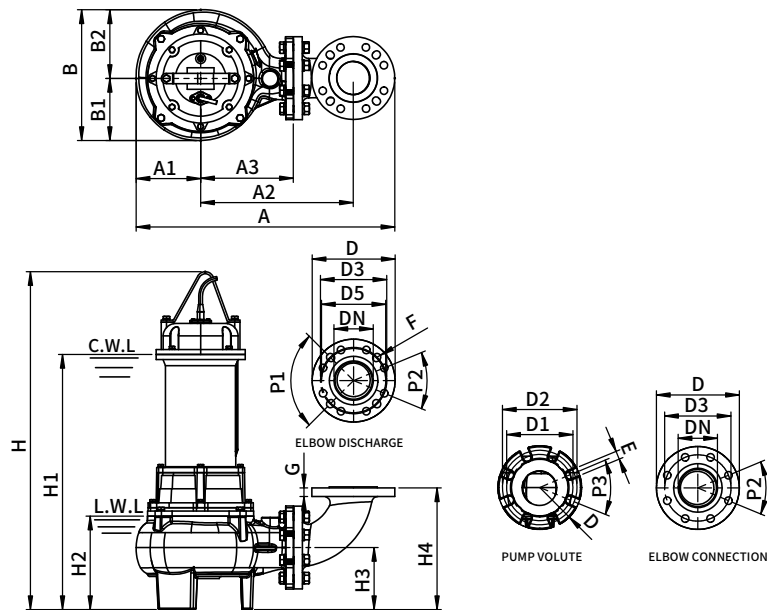
HIPPO-4P DN

DN 80 FULL FREE PASSAGE SUBMERSIBLE SEWAGE PUMP

SPECIFICATIONS

Model	Output		Discharge	F.L.A.	Rated		Maximum		Free Passage	Q.D.C
	HP	kW	Inch	3∅ 400V	Head m	Cap. lpm	Head m	Cap. lpm	mm	
HIPPO-150C-4P DN80	1.5	1.1	3"	2.8A	4.4	480	6.5	1050	80	QD80
HIPPO-200C-4P DN80	2	1.5	3"	3.5A	5.5	650	9.2	1050	80	
HIPPO-300C-4P DN80	3	2.2	3"	5.2A	6.8	720	10	1300	80	
HIPPO-400C-4P DN80	4	3	3"	7.2A	7.5	960	12.5	1680	80	

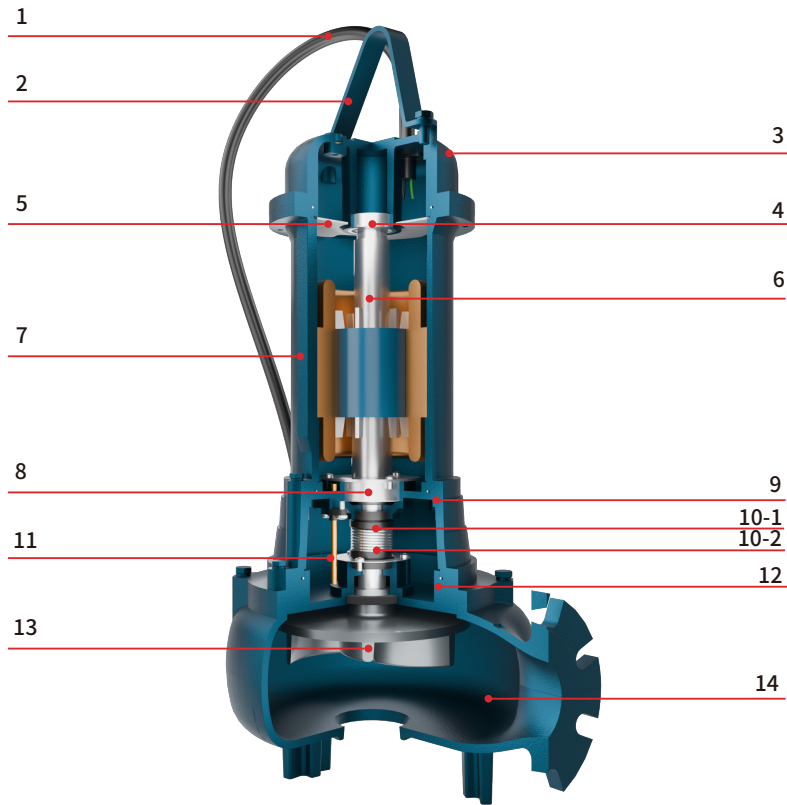
DIMENSIONS(mm)



MODEL	A	A1	A2	A3	B	B1	B2	D	D1	D2	D3	D4	D5	DN
HIPPO-150C 4P DN80	571	145	325	181	292	145	147	200	160	168	160	154	160	3"
HIPPO-200C 4P DN80	571	145	325	181	292	145	147	200	160	168	160	154	160	3"
HIPPO-300C 4P DN80	624	156	369	225	316	150	166	200	160	168	160	154	160	3"
HIPPO-400C 4P DN80	624	156	369	225	316	150	166	200	160	168	160	154	160	3"

MODEL	E	F	G	P	P1	P2	P3	H	H1	H2	H3	H4	WT
HIPPO-150C 4P DN80	18	18	20	90°	45°	45°	45°	652	476	160	100	244	-
HIPPO-200C 4P DN80	18	18	20	90°	45°	45°	45°	652	476	160	100	244	-
HIPPO-300C 4P DN80	18	18	20	90°	45°	45°	45°	816	616	226	150	294	-
HIPPO-400C 4P DN80	18	18	20	90°	45°	45°	45°	816	616	226	150	294	-

DIMENSIONS(mm)



No.	PART	MATERIAL
1	Cable	H07RN-F
2	Handle	ASTM A36
3	Motor Cover	EN-GJL-200
4	Upper Bearing	NTN/TPI
5	Bakelite sheet	Bakelite
6	Shaft	AISI 410
7	Motor housing	EN-GJL-200
8	Lower Bearing	NTN/TPI
9	Oil Chamber	EN-GJL-200
10-1	Mechanical Seal	Upper:CA/CE
10-2		Lower:SIC/SIC
11	Leakage detector	-
12	Oil chamber cover	EN-GJL-200
13	Impeller	EN-GJL-200
14	Pump casing	EN-GJL-200