

VELOCE PLUS PUMPS



VLPP-403 / VLPP-553

VLPP-753

Swimming pools electric pumps

Pump head: 14,5 mt. ÷ 19 mt.

Delivery: 60 m³/h ÷ 130 m³/h

Rated output : 3 kW (4HP) ÷ 5,5 kW (7,5HP)

Applications

- Suited to swimming pool and filtering assemblies.
- Also suited to salt water handling.

Operating conditions

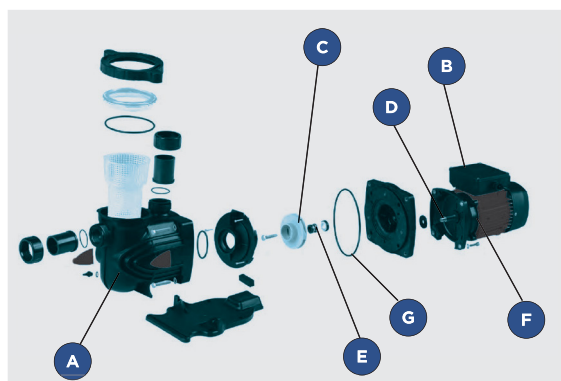
- Max ambient temperature 40°C.
- Max water temperature 40°C.
- Max suction head up to 2 m.
- Max. working pressure 3 bar.
- Liquid condition: clean liquids, without solids or abrasive substances, non aggressive, non viscous, chemically neutral.

Motor and features

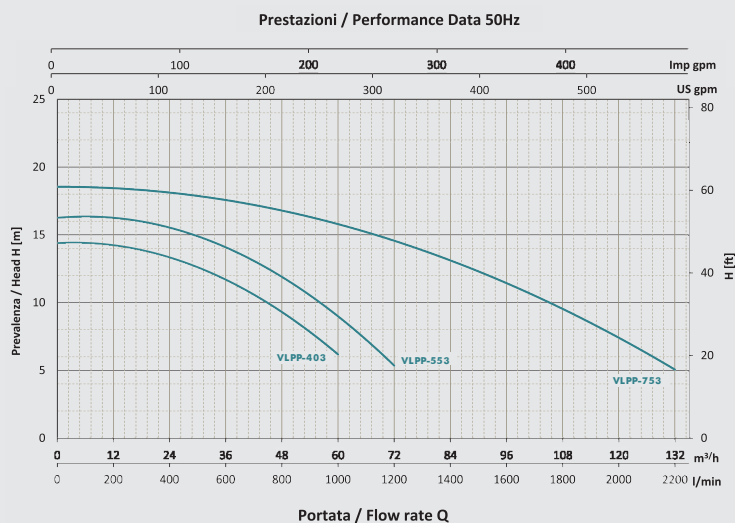
- Closed asynchronous two poles motor TEFC.
- Insulation class F.
- Protection degree IP55.
- Continuous operation S1.
- Power supply: single-phase 230-50 Hz with thermal protection and capacitor permanently connected.

Self-priming centrifugal pump for recirculation and filtration of water in medium and big-sized pools with prefilter integrated.

Materials table:



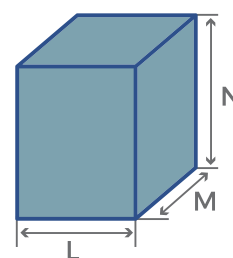
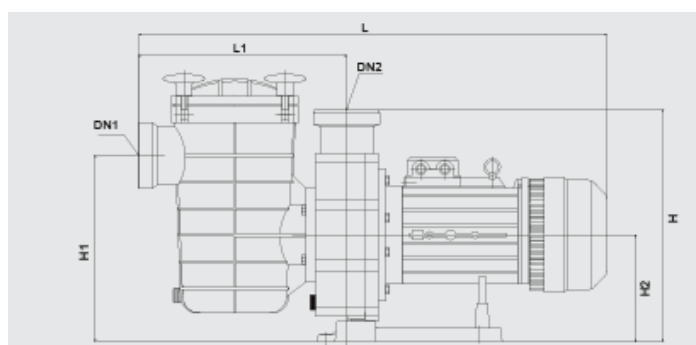
Pos.	COMPONENTS	MATERIALS
A	Pump body	PPGF30
B	Strainer cover	PPOGF30
C	Impeller	PPOGF20
D	Motor shaft	AISI 316
E	Mechanical seal	Silicon and graphite
F	Motor housing	Aluminum L2521-
G	Sealings	NBR / VITON
E	Mechanical seal	BT-Burgmann AISI 316
F	Motor housing	Stainless steel



VELOCE PLUS PUMP CURVE

The performance data holds true for liquids with a $\rho = 1,0 \text{ kg/dm}^3$ density and a $\nu = 1 \text{ mm}^2/\text{s}$ viscosity.

Model	ELECTRICAL DATA						HYDRAULIC DATA												
	Phase	Volt	Hz	I ass.	P nom.		m³/h	0	9	18	27	36	45	54	60	72	90	108	120
				A	kW	HP	l/min.	0	150	300	450	600	750	900	1000	1200	1500	1800	2000
VLPP-403	3 ~	400	50	6,4	3	4	H (m)	14,5	14,2	13,8	12,9	11,8	10	8	6	-	-	-	-
VLPP-553	3 ~	400	50	8,3	4	5,5		16,5	16,2	15,8	15	14	12,5	11	9,2	5	-	-	-
VLPP-753	3 ~	400	50	11,1	5,5	7,5		19	18,8	17,8	17,5	17,1	17	16,5	16	15	12,2	10	7



MODEL	DIMENSION IN mm							MODEL	PUMP DIMENSION IN mm			
	L	L1	H	H1	H2	DN1	DN2		L mm	M mm	N mm	Weight kg
VLPP-403	683	310	319	286	156	Ø75	Ø75	VLPP-403	350	750	420	37
VLPP-553	718	310	319	286	156	Ø75	Ø75	VLPP-553	350	800	420	42
VLPP-753	841	420	418	266	166	Ø110	Ø110	VLPP-753	380	930	520	50