

※ For pools up to
1080 m³



- ※ Robust electric pumps constructed with high-quality components and thick materials for extended durability and quiet operation.
- ※ Pre-filter equipped with a transparent cover for easy visual inspection, featuring an extra-large filter basket to reduce cleaning frequency.

- ※ Special anti-corrosion plastic base that provides stable support for the pump and piping.
- ※ High resistance to heat, chemicals, and salt corrosion.
- ※ Motor case with cataphoresis treatment
- ※ AISI 316 screws

PERFORMANCE RANGE

- Flow rate up to **2400 l/min** (180 m³/h)
- Head up to **16 m**

INSTALLATION AND USE

Self-priming pump with a built-in filter, designed for water circulation in residential swimming pools up to **1080 m³** in size.

APPLICATION LIMITS

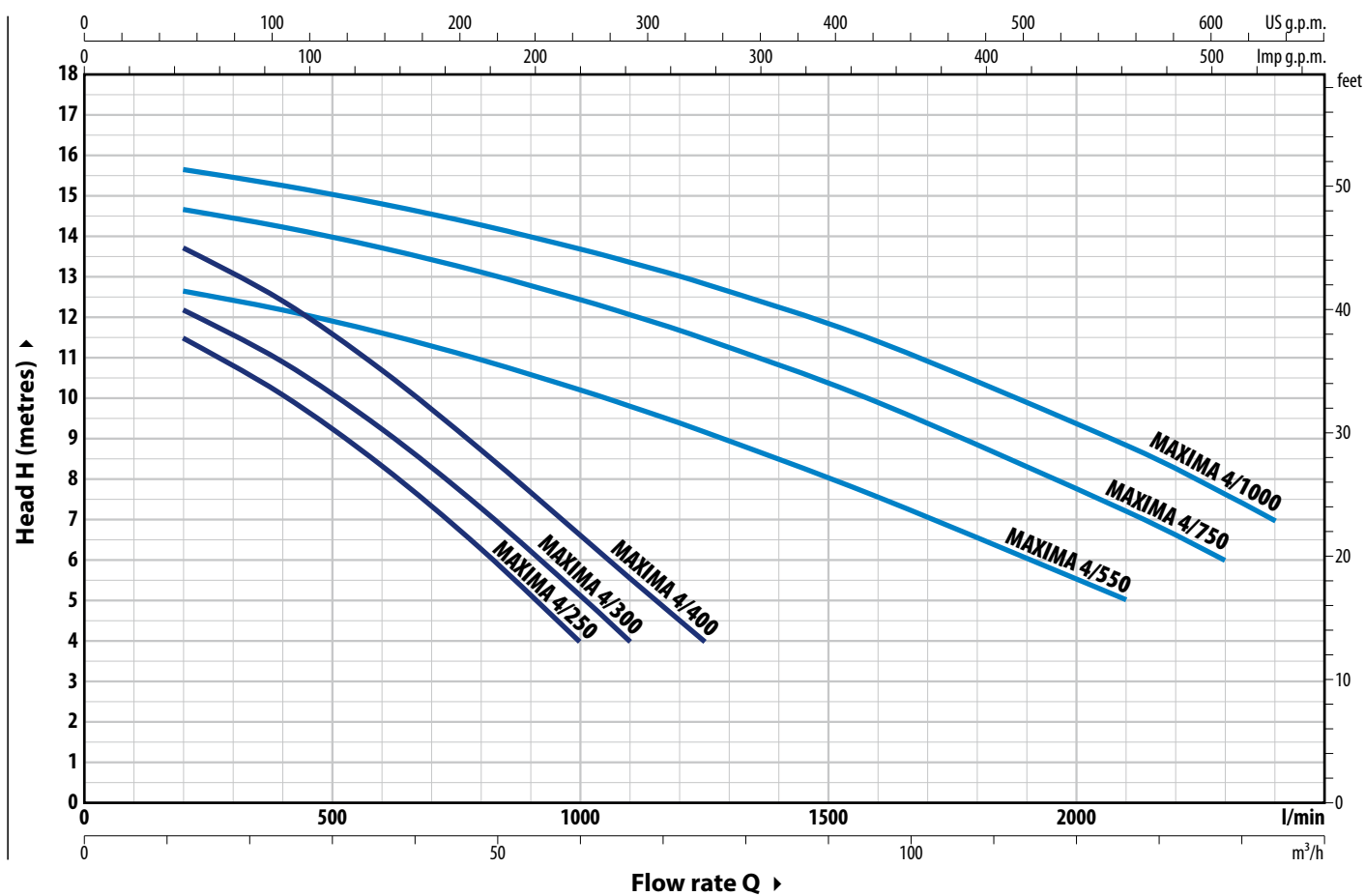
- Manometric suction head up to **4 m** (HS)
- Liquid temperature up to **+40 °C**
- Ambient temperature up to **+40 °C**
- Maximum working pressure **2.5 bar**
- Swimming pool water (pH 6.5 – 8.4).

AVAILABLE UPON REQUEST

- ※ Bronze impeller

CURVES AND PERFORMANCE DATA – HS=0 m

50 Hz – n= 1450 min⁻¹



TYPE	POWER (P ₂)		3~	Q														
	kW	HP			m³/h	0	12	36	48	60	66	75	96	126	138	144		
Three-phase					l/min	0	200	600	800	1000	1100	1250	1600	2100	2300	2400		
MAXIMA 4/250	1.8	2.5	IE3	H metres		12.5	11.5	8.4	6.3	4								
MAXIMA 4/300	2.2	3				13	12	9.2	7.3	5	4							
MAXIMA 4/400	3	4				14.5	13.5	10.7	8.7	6.6	5.6	4						
MAXIMA 4/550	4	5.5				13	12.5	11.6	11	10.2	9.8	9	7.5	5				
MAXIMA 4/750	5.5	7.5				15	14.5	13.7	13	12.4	12	11.5	10	7.2	6			
MAXIMA 4/1000	7.5	10				16	15.5	14.8	14.3	13.7	13.4	12.8	11.4	8.8	7.6	7		

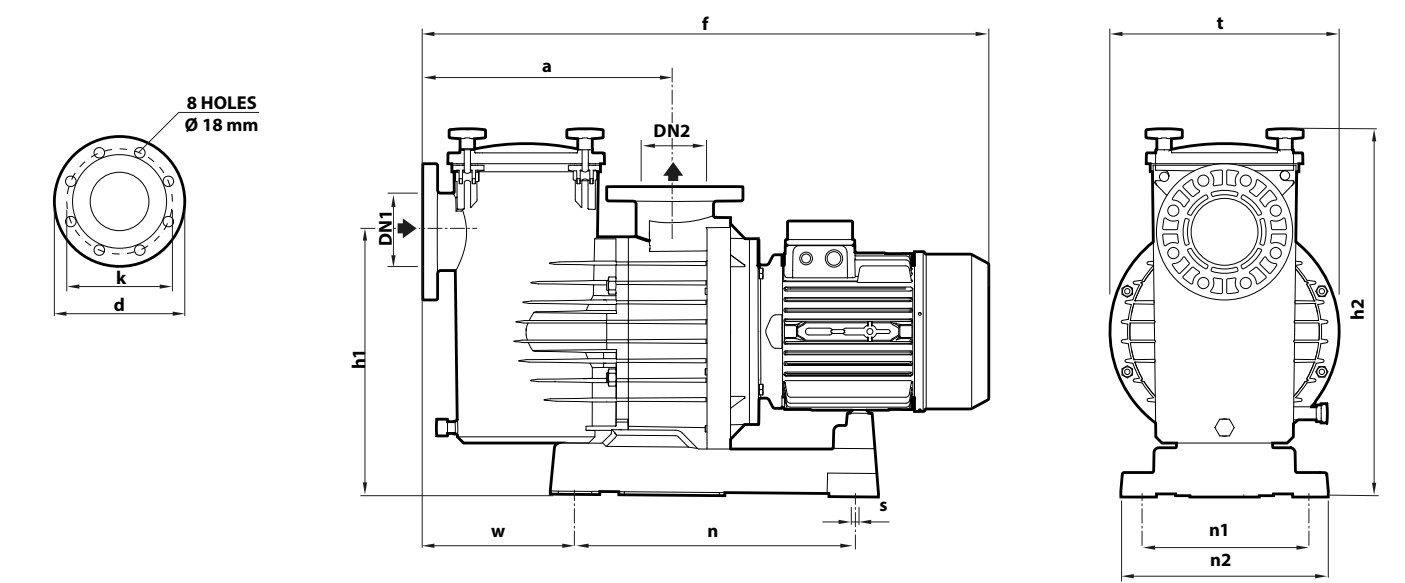
Q = Flow rate H = Total manometric head HS = Suction height

Performance curves comply with EN ISO 9906 Grade 3B tolerance limits.

ABSORPTION

TYPE	VOLTAGE			
	230 V - Δ	400 V - Δ	400 V - Δ	690 V - Δ
MAXIMA 4/250	8.1 A	4.7 A	–	–
MAXIMA 4/300	7.8 A	4.5 A	–	–
MAXIMA 4/400	11.2 A	6.5 A	–	–
MAXIMA 4/550	15.6 A	9.0 A	–	–
MAXIMA 4/750	–	–	12.5 A	7.2 A
MAXIMA 4/1000	–	–	14.5 A	8.4 A

DIMENSIONS AND WEIGHT



TYPE	PORTS		DIMENSIONS mm												kg
Three-phase	DN1	DN2	a	f	h1	h2	n	n1	n2	s	t	w	d	k	
MAXIMA 4/250	110	110	407	838	425	596	450	300	335	11	368	246	218	180	42.0
MAXIMA 4/300															42.5
MAXIMA 4/400															44.5
MAXIMA 4/550				863											53.4
MAXIMA 4/750															66.0
MAXIMA 4/1000															76.0

MATERIALS AND COMPONENTS

1	Pump body	Glass-fibre reinforced polypropylene		
2	Seal insert	Glass-fibre reinforced polypropylene		
3	Diffuser	Glass-fibre reinforced polypropylene		
4	Impeller	Noryl™		
5	Mechanical seal	Seal	Shaft	Materials
		AR-30	Ø 30	Graphite / Alumina Oxide / NBR
6	Motor shaft	Stainless steel AISI 316		
7	Electric motor	MAXIMA: three-phase 230/400 V - 50 Hz up to 4 kW 400/690 V - 50 Hz 5.5 to 7.5 kW – Continuous running duty S1 – Insulation: CLASS F – Protection rating: IP 55		
8	O-Ring (OR)	NBR		
9	Cover	Polycarbonate		
10	Pre-filter	Polypropylene		
11	Closing knob	Nylon		
12	Base	Noryl™		

