

NEAT 450 6TP

Set for water recirculation and filtration.

PUMP DESCRIPTION

Water recirculation and filtration for small residential swimming pools. Silent.

PRODUCT INFORMATION

Voltage (V)	230
Frequency (Hz)	50
Input power P1 (kW)	0.45
Intensity (A)	2
Number of poles	2
Tank diameter	450
Sand weight	75

FEATURES

ELECTRICAL FEATURES

Electrical isolation	F Class	Protection rating	IPX5
Reset	Automatic	Motor type	Asynchronous
Service factor	S1		

MATERIALS

Mechanical seal	Aluminium-Graphite	Suction body	Technopolymer
Pump body	Technopolymer	Discharge body	Technopolymer
Diffuser/s	Technopolymer	Pump shaft	Stainless steel AISI 431
Motor casing	Aluminium	Filter materials	Polyethylene moulded in a single piece
Impeller/s	Technopolymer	O-rings	NBR/EPDM

EQUIPMENT

Drain connection	Yes	Drainage	Yes
Pressure gauge	Included		

MANUFACTURING FEATURES

Motor cooling	Fan	Seal type	Mechanical seal

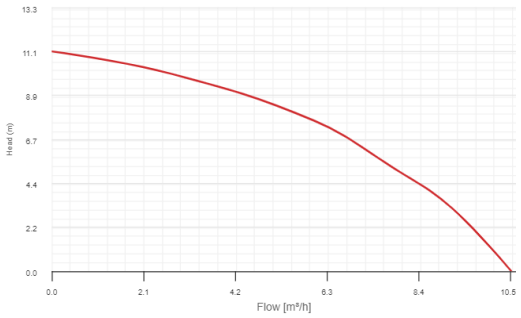
LIMITATIONS

Water temperature (°C)	Max: 40

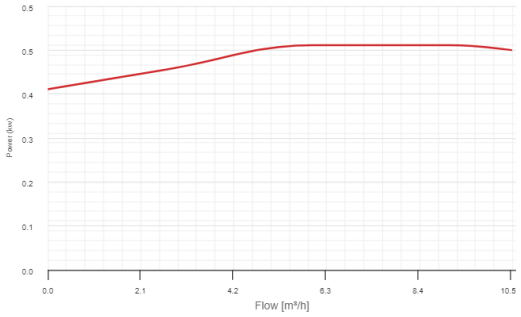
SPECIFICATIONS

PERFORMANCE
Frequency and Units

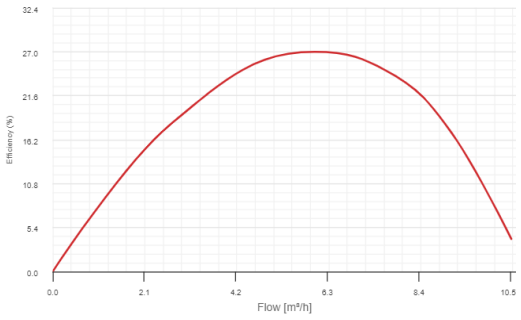
HEAD



POWER



EFFICIENCY



HYDRAULIC DATA — NEAT 450 6TP Model

Flow (Q) m3/h	0.0	2.7	6.0	7.8	9.1	10.5
Flow (Q) l/min	0.0	44.4	99.6	130.5	151.7	174.4
Head (H) m	11.1	10.0	7.6	5.2	3.2	0.0