

**50Hz**



# **GENERAL CATALOGUE**

**Edition 2022**

[www.pentax-pumps.it](http://www.pentax-pumps.it)

# Where there's water there's Pentax



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**PENTAX s.p.a.**



# POOL4-IM

Swimming Pool



POOL4-IM is the new generation of commercial pool pumps integrating a frequency inverter and high efficiency IE5 synchronous motor with permanent magnets for grater comfort and minimize energy cost. The system allows the programming of several daily filtration cycles with different operating speed for each cycle. In installations with several pumps they automatically communicate and alternate to work the same amount of hours.



Self ventiled wall support

## Construction features

<b>Painting</b>	cataphoresis
<b>Pump body, seal housing, diffuser</b>	polypropylene + fiber glass
<b>Motor bracket</b>	alluminum
<b>Impeller</b>	Noryl®
<b>Mechanical seal</b>	ceramic-graphite-AISI 316
<b>Motor shaft</b>	stainless steel AISI 316
<b>Liquid temperature</b>	max 40 °C
<b>Pre-filter cover</b>	polycarbonate
<b>Support base</b>	Noryl®

## Motor

<b>2 Poles induction motor</b>	1~ 230V-50Hz
<b>Insulation class</b>	F
<b>Protection degree</b>	IP55
<b>Integral system for pool control</b>	with variable speed drive included

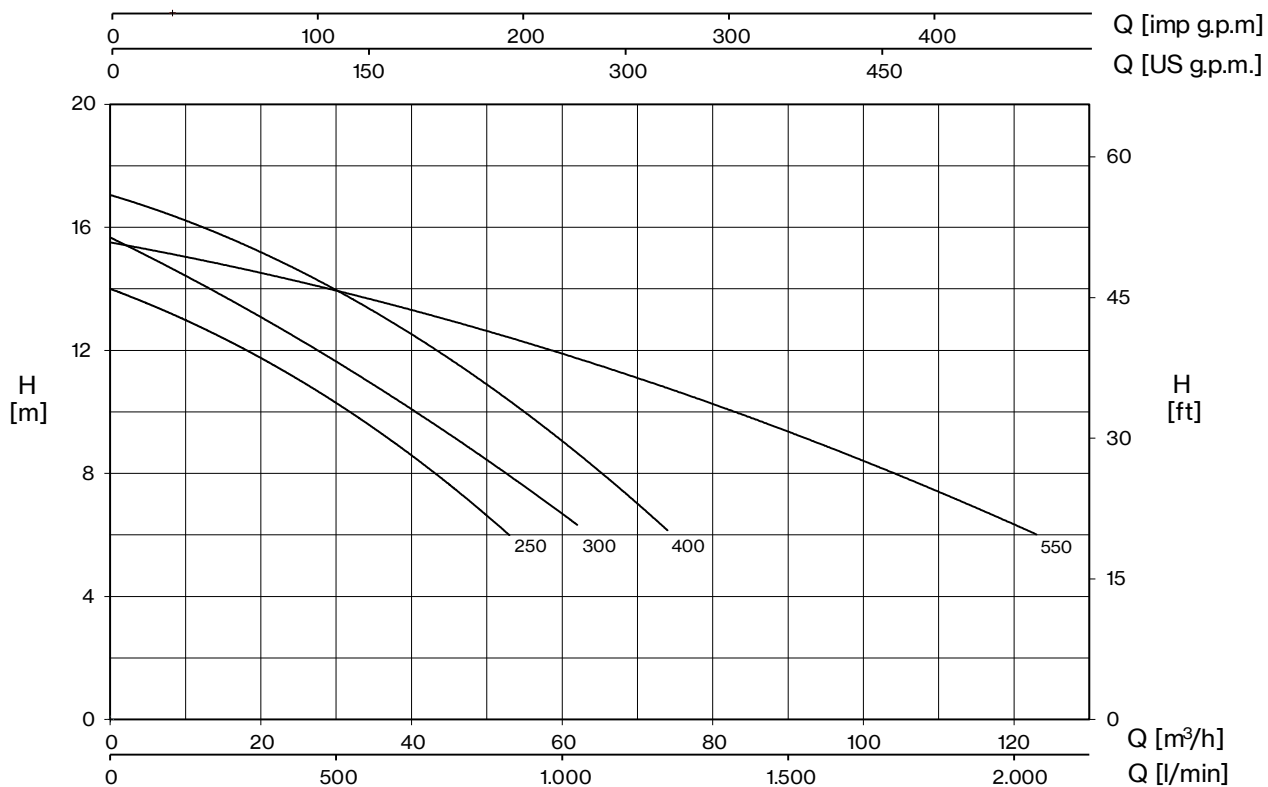
UP TO  
**80%**  
ENERGY SAVING

efficiency class

**IE5**



# POOL4-IM



TYPE	P2		rpm	H (m)								DNA	DNM	Minimum size of suction pipe	
				6	8	10	12	14	16	18	20				22
	HP	kW		Q (m³/h)											
POOL4-IM 4-250	2,5	1,8	1450	53	43	32	18								110
POOL4-IM 4-300	3	2,2	1450	62	54	43	26	10							125
POOL4-IM 4-400	4	3	145	74	66	56	42	29	14						140
POOL4-IM 4-550	5,5	4	1450	123	104	84	57	30							160

