

GENERAL CATALOGUE

www.pentax-pumps.it



HISTORY

For many years **Pentax** has held a large share of the world market for motorized pumps. The sales department is constantly working to better serve existing customers and to open up new markets. This is possible thanks to the wide range of products available which allows to cover most of the applications in the pump field. Special attention is also paid to market surveys, so that any new requirements can be immediately transferred to the research and development department: the best way to properly develop and forecast future scenarios.

1020

Pentax is the result of a strategy designed at the end of the '80s and oriented to the creation of a corporate body structured on the decentralization of production

1990

The company was born from the fusion of Elettromac and Zetabase, two realities with years of experience in the sector. Thanks to advanced technologies and a rationalization of the production process, in the 90's the company imposed itself on the market

1994

Foras joins the group

2000

Increase model production, number of customers and delivery speed

2010

The Pentax group expands again with the entry of Marly: a company specialized in the realization of industrial pumps

2018

The group, now leader in the sector, reaches a consolidated turnover of 70 million euros

2019

Start of works to expand the operational headquarters with the creation of a new logistics hub of more than 8,000 square meters

2022

Installation of the 500kW photovoltaic system and start of commercial office expansion work

MISSION

After more than **20 years of activity** we can finally trace the guidelines that have governed and directed the industrial development of **Pentax Industries SpA**. Actions and processes that have intersected with the obvious aim of creating value, benefits to be redistributed to the various components of the production and distribution process.

A rational allocation of available resources, together with a refined program of production decentralization have allowed the company to adapt to changing market conditions, each time with extreme rapidity.

Maximum attention to the markets, therefore, with the commitment to respond in real time to the specific needs of the different markets, paying particular attention to technological progress. All this in the perspective of a careful policy for **customer satisfaction**.



"Creating value is our main goal"

Gianluigi Pedrollo, Chair man

VALUES



Reliability

Choosing Pentax means choosing safety at every stage

Quality

Where there is control, there is reliability: the basis for success

Speed

Impeccable delivery time

Flexibility

Pentax studies each case thoroughly, identifies the best solution and then takes action with security

Variety

The best service: a wide range of Pentax products, one for every need



SUD REEL SOLUTION

OFFICIAL JOURNAL OF THE EUROPEAN UNION

Regulation UE 547/2012

ANNEX II

- «The benchmark for most efficient water pumps is MEI ≥ 0,70».
- «The efficiency of a pump with a trimmed impeller is usually lower than that of a pump with the full impeller diameter. The trimming of the impeller will adapt the pump to a fixed duty point, leading to reduced energy consumption. The minimum efficiency index (MEI) is based on the full impeller diameter».
- «The operation of this water pump with variable duty points may be more efficient and economic when controlled, for example, by the use of a variable speed drive that matches the pump duty to the system». Information on benchmark efficiency is available at: www.europump.org/efficiencycharts.







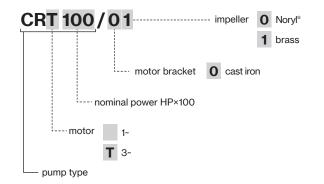
CR



Medium delivery centrifugal pumps for agricultural applications. Equipped with an open impeller that allows the pumping of nonclean liquids, guaranteeing the free passage of small solids (Ø max. 10 mm).

Construction features										
Pump body	cast iron									
Motor bracket	cast iron									
Impeller	Noryl® or brass									
Mechanical seal	ceramic-graphite-NBR									
Motor shaft	stainless steel AISI 416									
Liquid temperature	Noryl® impeller: 0 - 50 °C brass impeller: 0 - 90 °C									
Operating pressure	max 6 bar									

Motor								
2 Poles induction motor	3~ 230/400V - 50Hz							
	1~ 230V - 50Hz (with thermal protection)							
Insulation class	F							
Protection degree	IPX4							



LOTS											
	TRU	JCK	CONTAINER								
TYPE	PALLET (cm)	N° pumps	PALLET (cm)	N° pumps							
CR	85×110×145	65	85×110×195	91							



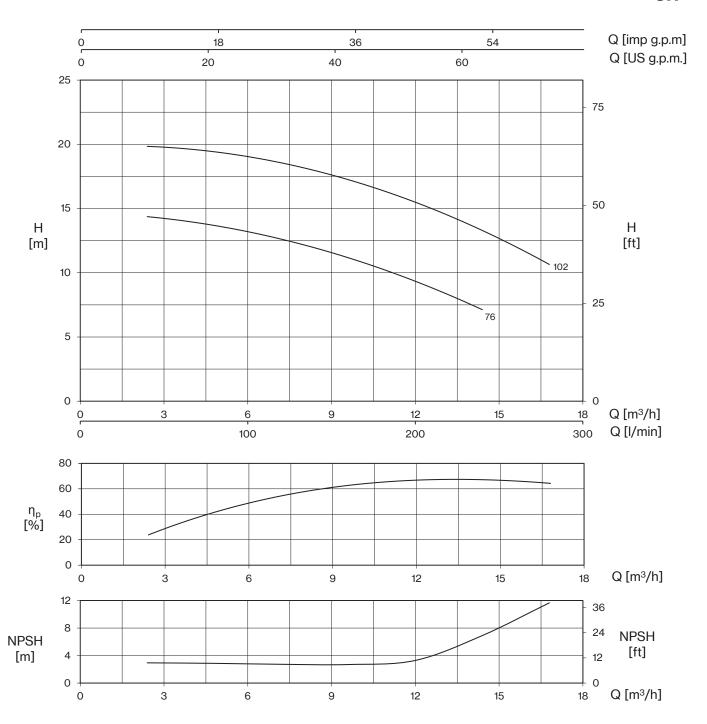






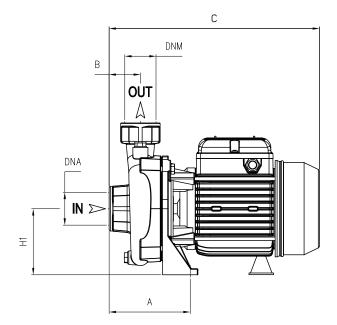


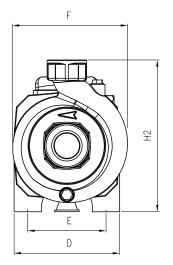




TYPE		P2		P1 (kW)		AMPERE		Q (m³/h - I/min)							
1~ 3~	1~					2	0	3	6	9	12	14,4	16,8		
	2-			(KVV)		1~	3~	0	50	100	150	200	240	280	
	3"	HP	kW	1~	3~	1~ 230V 50 Hz	3~ 400V 50 Hz				H (m)				
CR 76	CRT 76	0,8	0,59	0,73	0,83	3,4	1,5	15,0	14,3	13,0	11,6	9,5	7,0		
CR 102	CRT 102	1	0,74	1,14	1,2	5,3	2,4	20,5	19,8	18,9	17,7	15,5	13,5	10,5	







TYPE	DIMENSIONS (mm)										M			Kg
	Α	В	С	D	Е	F	H1	H2	DNA	DNM	I	L	М	
CR 76	120	45	308	155	115	170	97	222	4" 1/ C	4" 1/ C	325	200	265	13
CR 102	120	45	308	155	115	170	97	222	1" ½ G 1	1" ½ G	325	200	265	14

