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we connect  
water  
to people



**water passion**

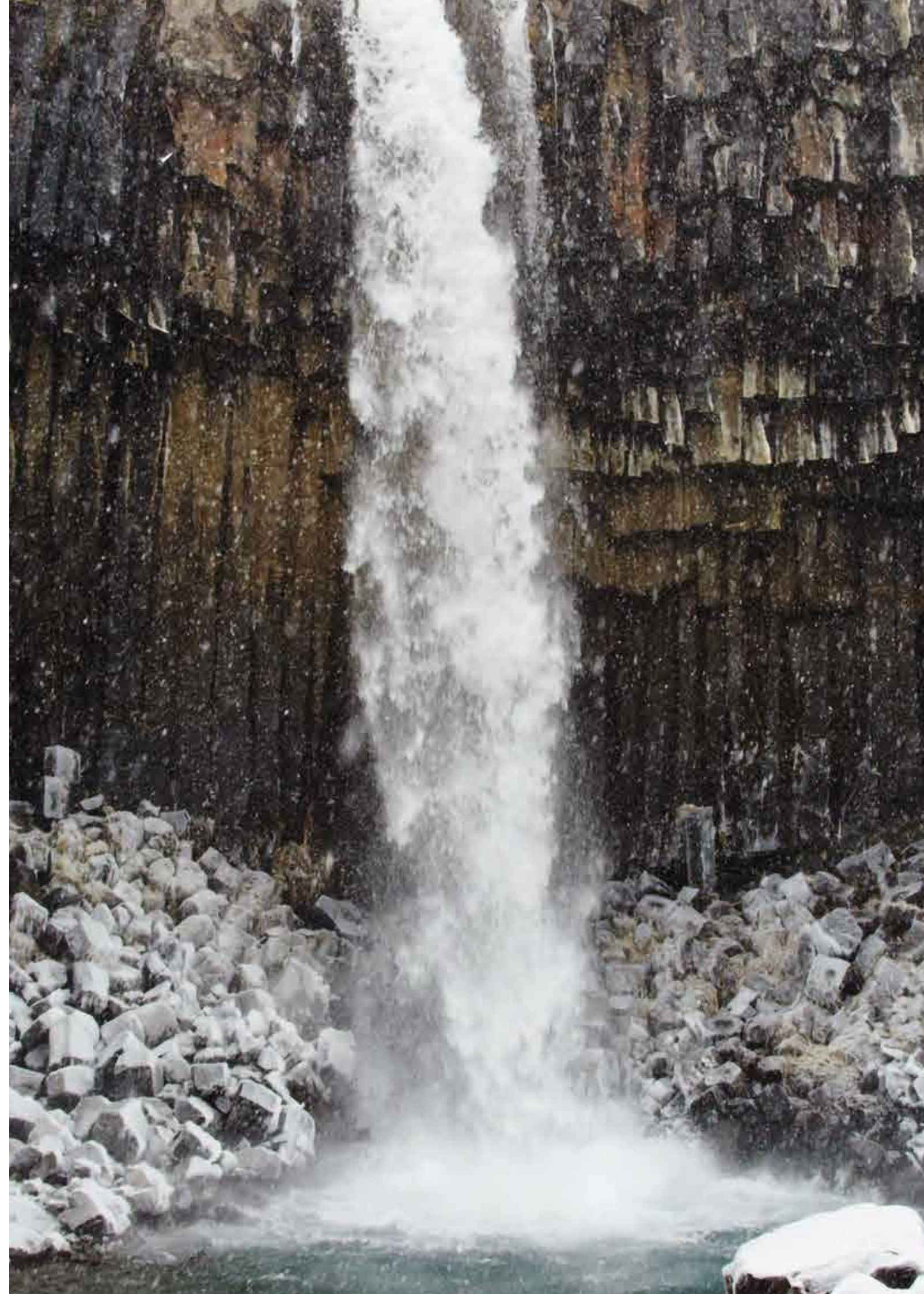
# our group



**Water is not negotiable**

Since 1959, Calpeda has been at the forefront of designing and manufacturing efficient, sustainable water pumping solutions, proudly crafted in Italy. Our unwavering commitment to technology and innovation ensures that our products are safe, reliable, and deliver high performance. Through our advanced systems and services, we bring vital water solutions to millions of people worldwide every day.

In 2022, Calpeda became part of Waterialia, a holding company established by Ambiente, one of Europe's leading asset managers with a focus on environmental sustainability. Waterialia is dedicated to the effective and responsible management of water—our planet's most precious resource.





# in figures

1959

year the company was founded

15million

pumps produced

150

countries around the world  
where we are present

5000

international partners  
and distributors

## subsidiaries

CALPEDA POMPES S.A.	CALPEDA PUMPS (IRELAND) LTD.	CALPEDA KOREA CO., LTD.	CALPEDA PUMPS INDIA PVT. LTD.
CALPEDA IBÉRICA S.A.	CALPEDA PUMPS SOUTHERN AFRICA	CALPEDA TAIWAN CO. LTD.	CAPRARI HELLAS S.A.
CALPEDA PUMPEN VERTRIEB GMBH	CALPEDA ASIA PACIFIC PTE LTD.	CALPEDA (MALAYSIA) SDN BHD	CAPRARI TUNISIE S.A.
CALPEDA LIMITED	CALPEDA CHINA BEIJING PUMP CO., LTD.	CALPEDA PUMPS PTY LTD.	CAPRARI PORTUGAL LDA

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## production plants

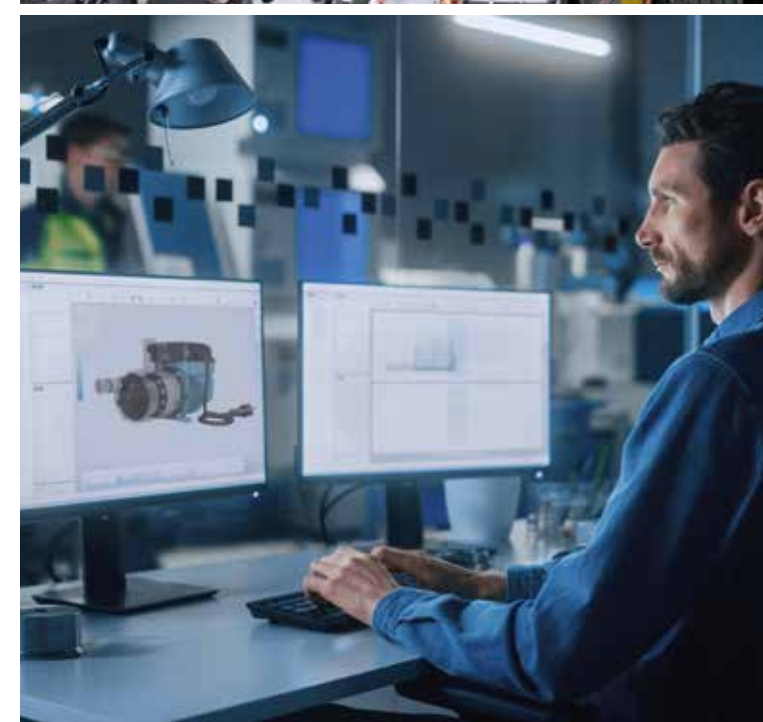
MONTORSO VICENTINO ITALIA	S.VITO AL TAGLIAMENTO ITALIA
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2

## ESG goals we have



3





# a complete range for every application

We offer an extensive range of pumps designed to serve diverse sectors, including domestic and residential, industrial, civil infrastructure, and irrigation. Our solutions are renowned for their exceptional efficiency, outstanding performance, and long lifespan.

With a strong track record in supporting OEM customers, we excel in delivering quick responses, extensive customization options, and bespoke products tailored to meet specific needs. In addition, we pioneer advanced applications such as energy-efficient cooling systems for data centers, driving significant reductions in energy consumption and contributing to a more sustainable future.



## domestic and residential

- Pressure boosting
- Domestic irrigation
- Swimming pools
- Drainage
- Heating and air conditioning



## industrial

- OEM plants and machinery
- Industrial process
- Heat transfer and circuits
- Waste water treatment



## civil and plants

- Surface water lifting and distribution
- Civil pressure boosting
- Circulation and HVAC
- Drainage and sewer



## irrigation

- Domestic irrigation
- Deep water withdrawal and irrigation
- Civil irrigation systems



# innovation and expertise

At Calpeda, innovation drives the evolution of our product range. By leveraging advanced systems such as simulations, multi-dimensional analyses, and fluid-structure interaction studies, we ensure high-performance solutions with maximum reliability. Our extensive, specialized expertise enables us to offer flexible and effective solutions tailored to diverse needs.

## **Calpeda Flow: IOT**

Digitalization and connectivity are integral to our product development process. The Calpeda Flow app allows for seamless remote management and monitoring of pumps via any mobile device, delivering enhanced control and efficiency to our customers.



**advanced  
digital  
control  
tools**





# advice, tailor-made solutions and high reliability

From pre-sales consultation to testing and after-sales service, Calpeda delivers the best possible solutions to meet our customers' needs. We meticulously analyze all technical aspects to provide swift and effective responses to specialized and niche applications, including pumping loaded liquids or addressing unique operational challenges.

The reliability of our products is guaranteed by our fully Made in Italy production, supported by stringent testing and trials to ensure the highest standards of performance and durability.



## maximum customisation

- prototyping and redesign service
- use of different materials such as cast iron, bronze and steel
- supply of special motors and voltages
- modification of the impeller diameter turning specs
- customisation of paint, labels and packaging



## state-of-the-art testing facility

- over 1,000 square metres of testing area
- use of innovative measurement and data acquisition equipment



## end-of-line test

- testing of 100% products at various work stages to ensure their performance



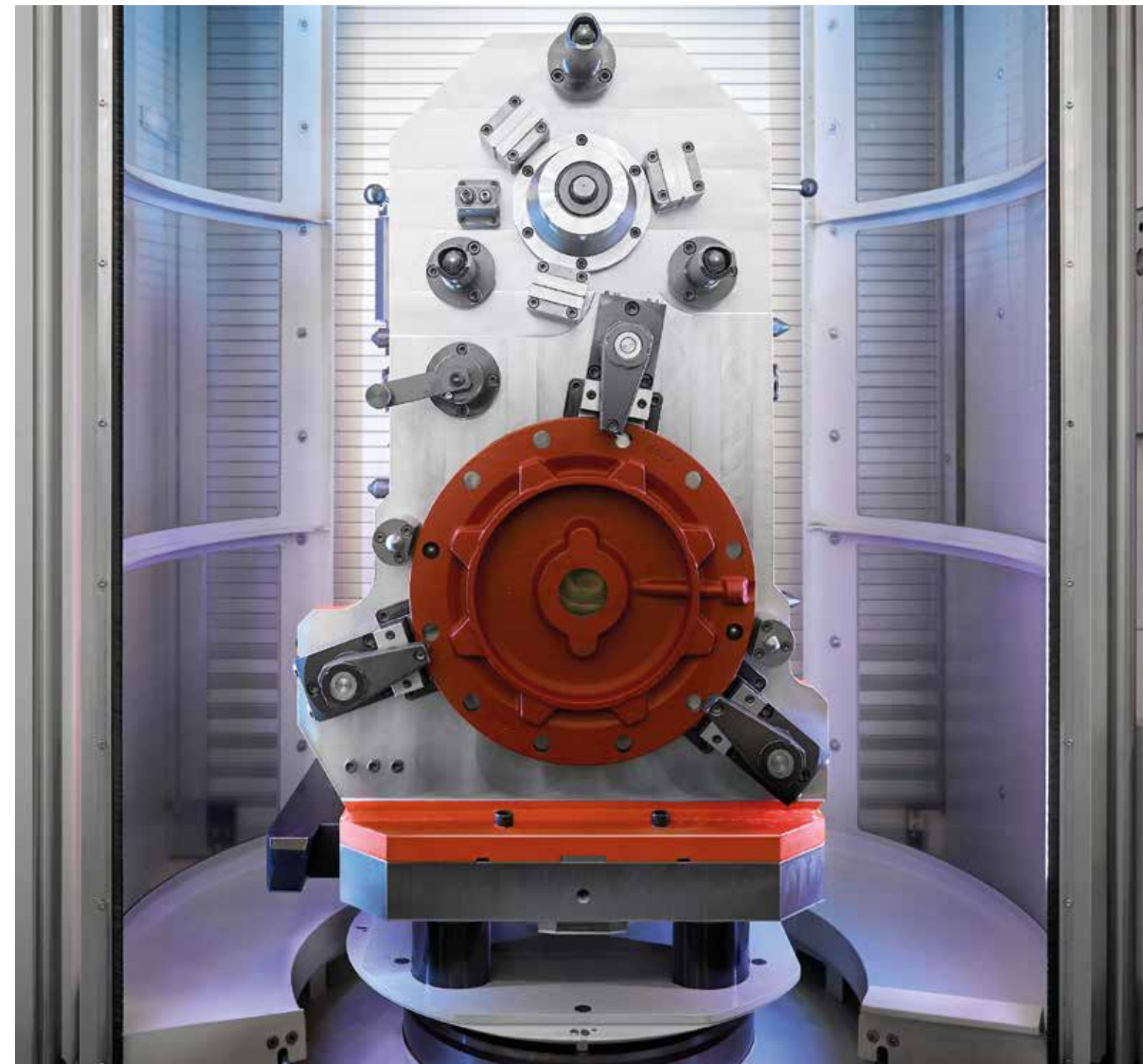
## comprehensive assistance

- thousands of service centres worldwide
- spare parts always available



# our technology creates value

Through a vertically integrated production strategy and advanced process automation, Calpeda efficiently delivers high volumes within short lead times. Our production facilities are equipped with state-of-the-art technology, including cutting-edge machinery, anthropomorphic robots, and flexible, highly efficient assembly lines. This commitment to innovation ensures the highest standards of quality across all our products.

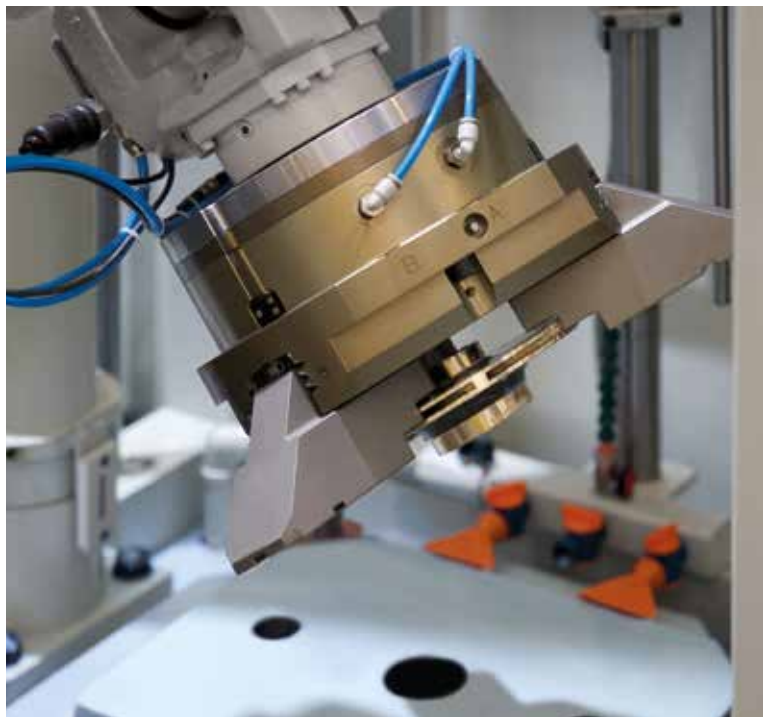


## attention to detail

An organisation structured to produce reliable and sustainable products

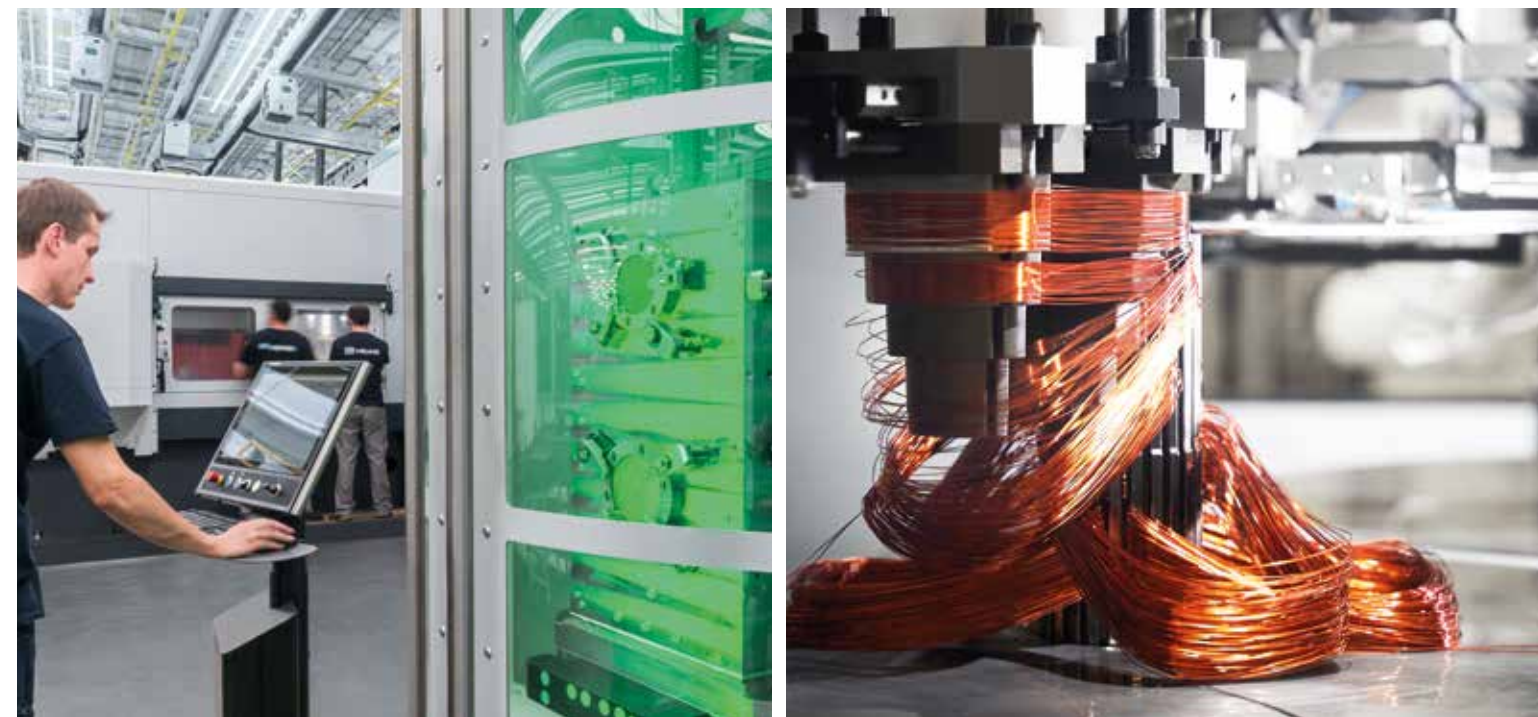






## latest generation machining islands

- machining
- shafts and rotors
- windings and motors





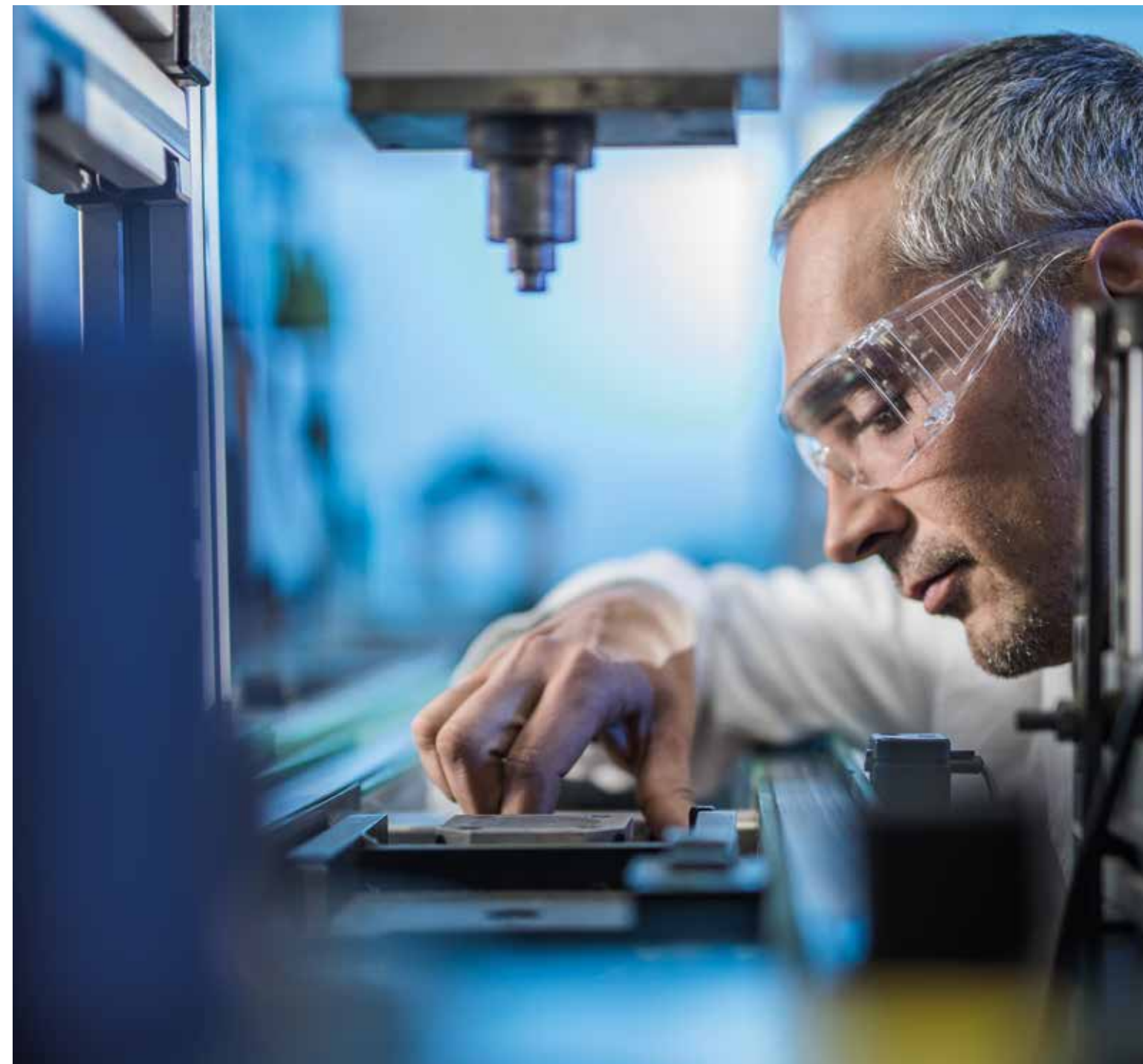
# certified quality

At Calpeda, our quality policy is centred on meeting and exceeding customer needs. We adhere to the highest standards across our production processes, ensuring exceptional product performance and reliable service. Our commitment extends to sustainable production practices. We fully comply with the RoHS directive and REACH regulation, including rigorous control of PFAS content, reflecting our dedication to environmental responsibility and customer trust.

## Product certifications



## System certifications





# fast, effective and comprehensive support

Calpeda provides a wide range of support services designed to meet customer needs efficiently and effectively. Our team of specialists are equipped to address any challenge, ensuring swift problem resolution.

With a continuously stocked warehouse of standard products and spare part kits, we guarantee quick deliveries and timely responses, ensuring maximum customer satisfaction at every stage.



**quick deliveries**  
orders processed  
in 24 to 48 hours



**product availability in stock**  
high rotation standard parts  
always in stock



**service and spare parts**  
worldwide extended  
presence



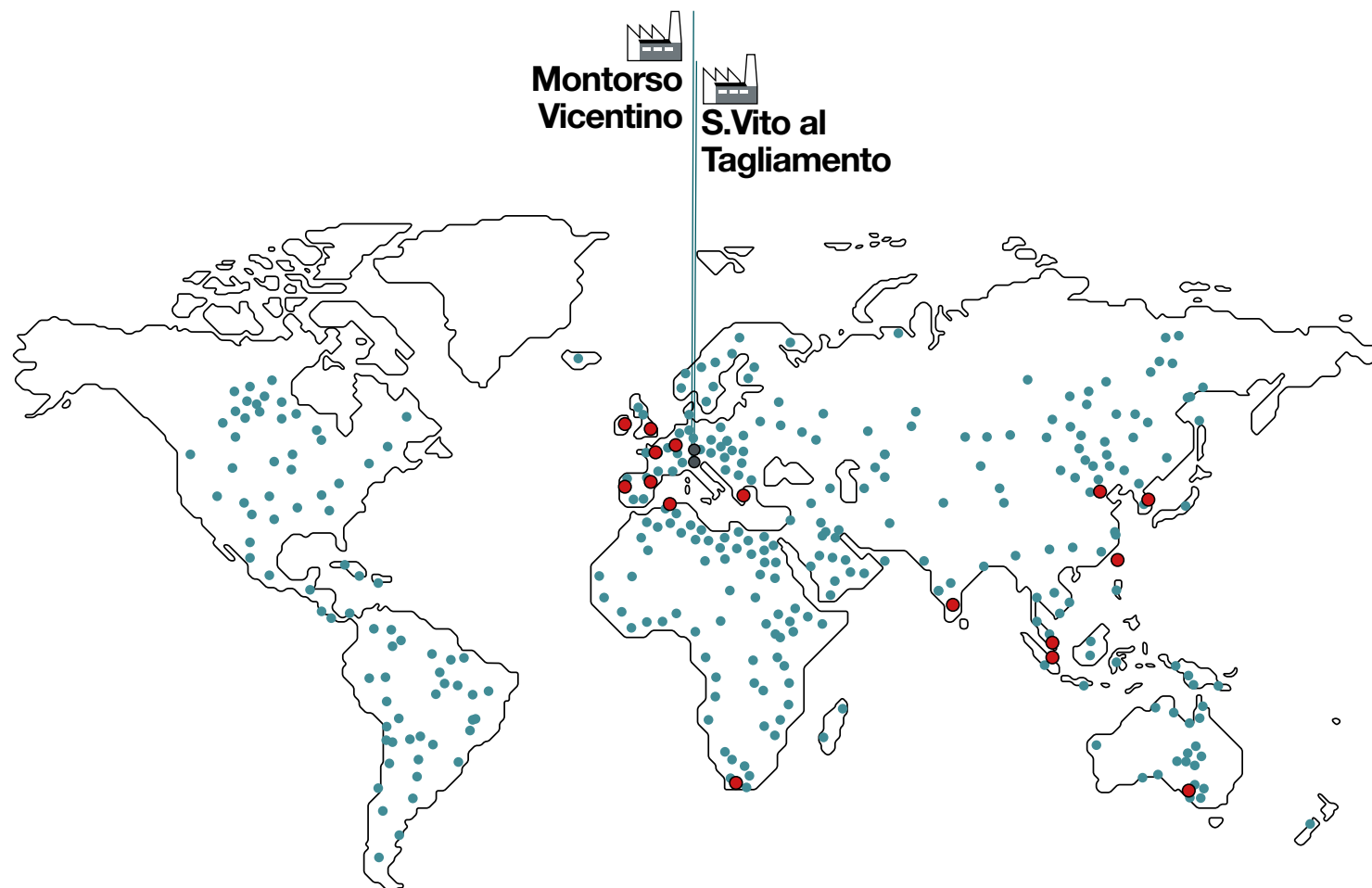
**training and support**  
structured programmes and  
specific training sessions



# network

Calpeda operates a comprehensive global sales and service network. With our extensive presence and strategic partnerships with distributors and specialized centers, we provide prompt and professional support wherever our customers are located.

We ensure the highest quality standards and fast access to products and spare parts, delivering reliable solutions on a worldwide scale.



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product range

													
MÈTA MÈTA S	E-MXP E-NGX	E-MPS	NM, NMD, NMX	NM, NM4 NMS, NMS4	N, N4	NR(4), NRD(4) NR EI, NRD EI	MXH MXH EI	MXP, MGP	MPSU	MXVB, MXV MXVB EI, MXV EI	MPC I-MPC	NMP	A
Horizontal multi-stage variable speed pumps	Boosting pressure system with built-in electronic pressure sensor	Multi-stage submersible pumps with built-in electronic pressure sensor	Close-coupled centrifugal pumps	Close-coupled centrifugal pumps EN 733	End-suction centrifugal pumps EN 733	In-line pumps	Horizontal multi-stage pumps	Horizontal multi-stage pumps	Multi-stage pumps with water cooled motor	Vertical multi-stage pumps	Self-priming swimming pool pumps with built-in strainer	Self-priming centrifugal pump with built-in strainer	Self-priming centrifugal pump with open impeller

CHARACTERISTICS

Discharge diameter (nominal)	DN	G1	G1	G1¼	G¾ ÷ G2½	32 ÷ 150 mm	32 ÷ 200 mm	32 ÷ 125 mm	G1 ÷ G2½	G1	G1¼	G1 ÷ G2 25 ÷ 100 mm	G1½ ÷ G2	G2 ÷ G3	G¾÷G1¼
Capacity	Q (m³/h)	2 ÷ 16,8	0,3 ÷ 6,5	1 ÷ 8	1 ÷ 66	1 ÷ 660	6,6 ÷ 900	1 ÷ 140	1 ÷ 66	1 ÷ 7,2	1 ÷ 8	1 ÷ 115	2 ÷ 40	6,6 ÷ 120	0,06 ÷ 6
Head	H (m)	15 ÷ 50	7 ÷ 50,9	8 ÷ 60,5	3,5 ÷ 114	2,3 ÷ 95	0,5 ÷ 95	1 ÷ 84,6	5,4 ÷ 68	5 ÷ 58,5	9,5 ÷ 69,5	3,5 ÷ 246	4,2 ÷ 18	3 ÷ 26,2	3 ÷ 165
Motor rating	kW	P1 0,6 ÷ 1,35(x2)	0,45 ÷ 0,75	0,55 ÷ 1,1	0,37 ÷ 9,2	0,25 ÷ 90	0,25 ÷ 132	0,25 ÷ 22	0,25 ÷ 7,5	0,25 ÷ 1,1	0,55 ÷ 1,5	0,75 ÷ 45	0,37 ÷ 2,2	0,55 ÷ 7,5	0,33 ÷ 7,5
	CV		0,6 ÷ 1	0,75 ÷ 1,5	0,5 ÷ 12,5	0,34 ÷ 120	0,34 ÷ 180	0,34 ÷ 30	0,34 ÷ 10	0,34 ÷ 1,5	0,75 ÷ 2	1 ÷ 60	0,5 ÷ 3	0,75 ÷ 10	0,45 ÷ 10
Nominal speed of rotation	1/min (50 Hz)	variable speed	2900	2900	2900 3450	1450 - 2900 1750 - 3450 variable speed	1450 - 2900 1750 - 3450	1450 - 2900 1750 - 3450 variable speed	2900 3450 variable speed	2900 3450	2900 3450	1450 - 2900 1750 - 3450 variable speed	2900 3450 variable speed	2900 3450	2900 3450
	1/min (60 Hz)														

APPLICATIONS














Industrial and commercial				•	•	•	•	•	•			•		•	•
Domestic	•	•	•	•	•	•	•		•	•	•	•	•	•	
Agriculture and irrigation	•	•	•	•	•	•	•		•	•	•	•			•
Swimming pools and spa baths					•	•	•		•				•	•	
Heating and air conditioning				•	•	•	•	•	•						
Groundwater			•												
Wastewater and sewage															
Civil and residential	•	•		•	•	•	•	•	•		•	•			

LIQUIDS

Water	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Sea water or brackish water				•	•	•	•		•				•	•	•
Superheated water				•	•	•	•	•	•			•			
Drainage water															•
Hydrocarbons and derivatives				•	•	•	•	•	•			•	•	•	•
Diathermic fluids				•	•	•	•	•	•			•			
Glycol				•	•	•	•	•	•			•			



product range

<div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div>														
<div><div>C</div><div>CT, T</div><div>CA</div><div>NGL, NGX</div><div>NG</div><div>MXA</div><div>GM 10, GXR GQR, GX ZERO</div><div>GQ, GX, GM GK</div><div>MPS, MXS, MP</div><div>SDP, SDS SDX</div><div>NCE</div><div>BS</div><div>EJ, DJ</div></div>														
<div><div>Centrifugal pumps with open impeller</div><div>Peripheral pumps</div><div>Self-priming liquid ring pumps</div><div>Self-priming jet pumps with built-in ejector</div><div>Self-priming jet pumps</div><div>Horizontal multi-stage Self-priming pumps</div><div>Submersible drainage pump</div><div>Submersible sewage pumps</div><div>Multi-stage submersible clean water pumps</div><div>Submersible centrifugal pumps</div><div>Circulators and circulating pumps</div><div>Pressure boosting sets</div><div>Fire-fighting sets</div></div>														
CHARACTERISTICS														
Discharge diameter (nominal)	DN	G½ ÷ G1	G1	G1	G1	G1	G1	G1¼ ÷ G1½	G1¼ ÷ G2 50 ÷ 350 mm	G1¼	G1¼ ÷ G5 100 ÷ 220 mm	G1½ ÷ G2 40 ÷ 65 mm	G1 ÷ G2½ 80 ÷ 250 mm	32 ÷ 250 mm
Capacity	Q (m³/h)	0,12 ÷ 2,4	0,3 ÷ 8,4	0,25 ÷ 9,5	1 ÷ 8	0,25 ÷ 9,5	1 ÷ 8	1,2 ÷ 30	1,2 ÷ 2800	1 ÷ 11	0,6 ÷ 900	0,5 ÷ 48	1,5 ÷ 570	15 ÷ 700
Head	H (m)	6,5 ÷ 53	17,5 ÷ 54,7	15,5 ÷ 74,5	14 ÷ 51	15,5 ÷ 74,5	14 ÷ 51	1,5 ÷ 19,5	1 ÷ 75	7 ÷ 101,2	6,6 ÷ 850	0,2 ÷ 17	10 ÷ 95	20 ÷ 110
Motor rating	kW	0,15 ÷ 0,75	0,55 ÷ 1,5	0,55 ÷ 2,2	0,37 ÷ 1,1	0,55 ÷ 2,2	0,37 ÷ 1,1	0,25 ÷ 1,5	0,25 ÷ 180	0,37 ÷ 3	0,37 ÷ 400	0,05 ÷ 1,8	0,45 ÷ 55x3	2,2 ÷ 110x2
	CV	0,2 ÷ 1	0,75 ÷ 2	0,75 ÷ 3	0,5 ÷ 1,5	0,75 ÷ 3	0,5 ÷ 1,5	0,33 ÷ 2	0,33 ÷ 240	0,5 ÷ 4	0,5 ÷ 540	0,067 ÷ 1,75	0,6 ÷ 75x3	3 ÷ 150x2
Nominal speed of rotation	1/min (50 Hz)	2900	2900	2900	2900	2900	2900	2900	750 ÷ 2900	2900	2900	1450	2900	2900
	1/min (60 Hz)	3450	3450	3450	3450	3450	3450	3450	875 ÷ 3450	3450	3450	3000 variable speed	3450 variable speed	3450
APPLICATIONS														
Industrial and commercial		•	•	•					•	•	•	•	•	•
Domestic		•	•	•	•	•	•	•	•	•	•	•	•	
Agriculture and irrigation		•			•	•	•			•	•		•	
Swimming pools and spa baths					•									
Heating and air conditioning												•		
Groundwater										•	•			
Wastewater and sewage								•	•					
Civil and residential						•					•		•	•
LIQUIDS														
Water		•	•	•	•	•	•	•	•	•	•	•	•	•
Sea water or brackish water		•	•	•		•								
Superheated water		•	•	•								•		
Drainage water		•						•	•					
Hydrocarbons and derivatives		•	•	•										
Diathermic fluids		•	•	•										
Glycol		•	•	•								•		



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