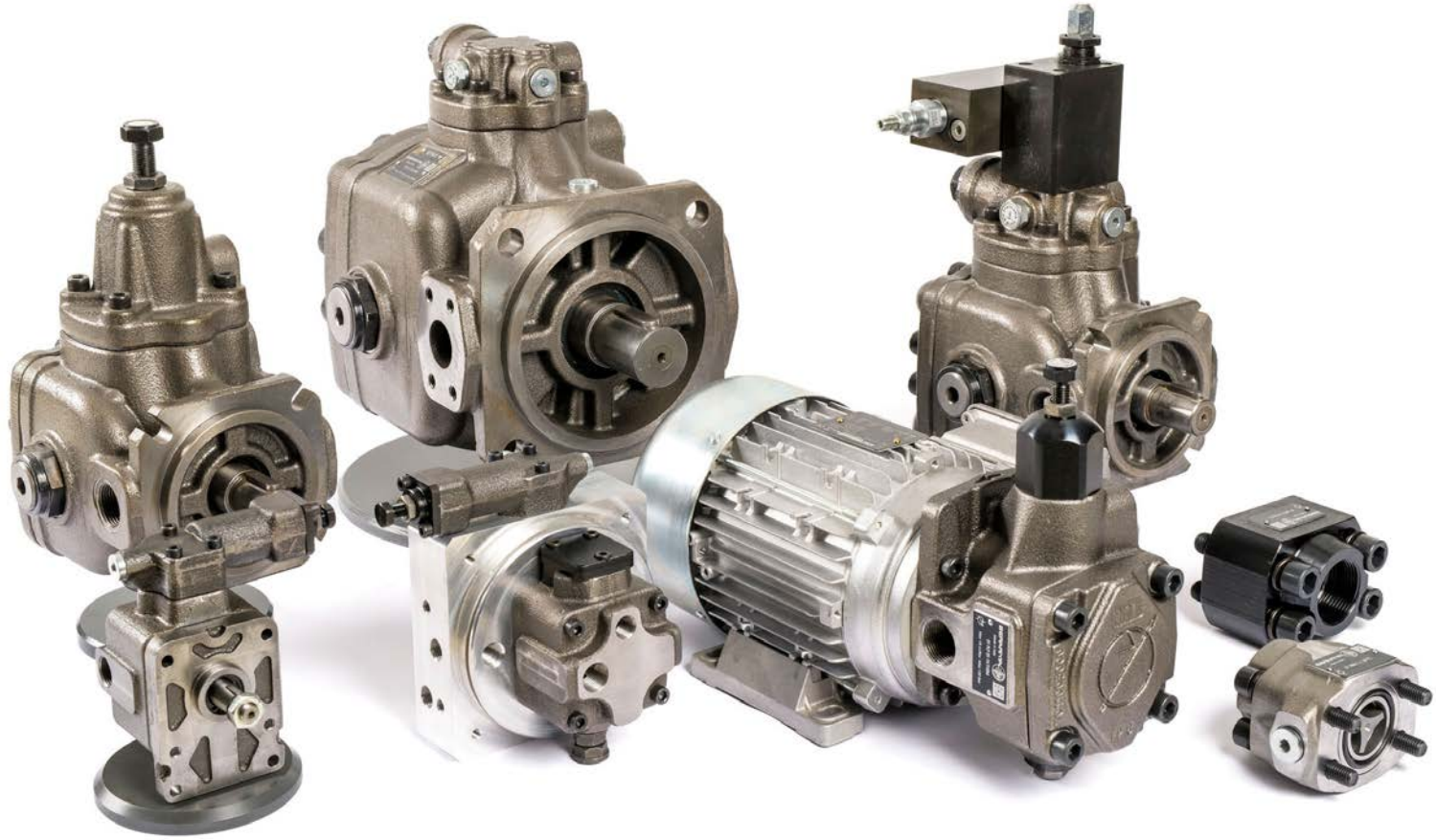


BERARMA
oleodinamica



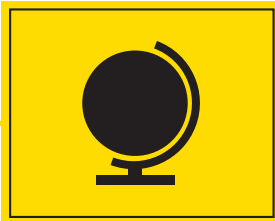
**Manufacturer of variable displacement
vane pumps up to 250bar since 1963**







We are an **Italian Company** that, since **1963**, confirms itself as a landmark for the production of **variable displacement vane pumps**. A young and dynamic mindset, combined with people's long experience and family management, have been the winning combination of our continued success for over 60 years. The enthusiasm each member team puts into his own work reflects tendency towards innovation that distinguishes us, ensuring at the same time **best attention** on everything gravitating around the product.



Customers in 60+

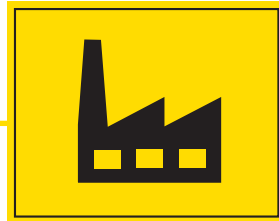
Countries

50% Europe

28% Asia

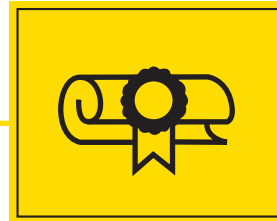
14% America

8% rest of the world



4.000+ mq

Factory areas



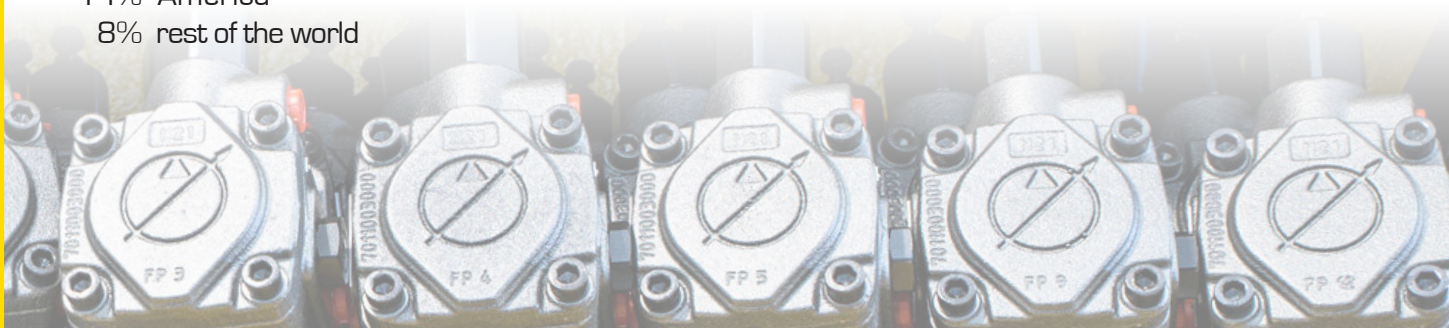
20+ years

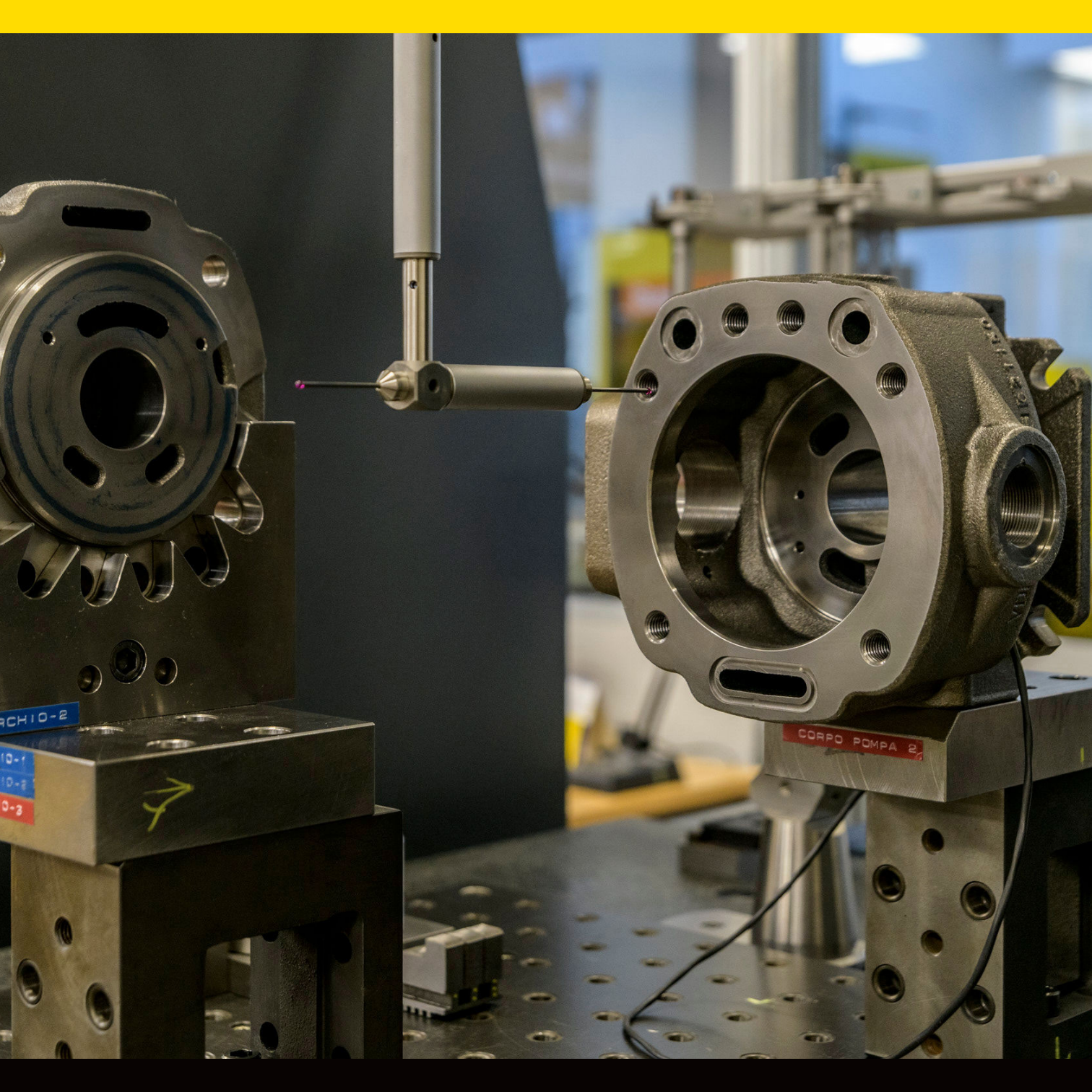
ISO 9001 quality
certification



60+ years

experience in
the field







QUALITY AND SKILLS

Internal procedures, **rigorous checks** throughout the supply chain and more than 60 years of experience have enabled us to maintain **certification ISO9001** since 20+ years. Our team consists of motivated, experienced and **constantly trained** personnel. These factors guarantee a **high-quality standard** products to the customer.



ALL ROUND PROFESSIONALISM

We support the customer in every aspect, from product selection to **after-sales service** and, thanks to the **widespread distributors network**, we are able to offer a **high availability of spare parts**.



INNOVATION

The constant spur to improve our products turns into a **continuous study** in research of better performing solution to face **new market challenges**.



PUNCTUALITY AND DELIVERY SPEED

Our tireless team works to meet the customer requirements in the **shortest possible time**, also offering **customized solutions**, to satisfy special needs.



100% MADE IN ITALY

We firmly believe that Italian production is an added value, for this reason we are committed to maintain our product range **100% Made in Italy**.





RESEARCH & DEVELOPMENT

The new challenges that market imposes every day drive us to the continuous improvement of our products. Thanks to **long experience** achieved, our R&D department constantly works to transform ideas into more and more performing and innovative solutions. One example is the reaching **250 bar working pressure of our pumps**.



DESIGN

We have ambitious objectives: reliability, energy saving and silent running. Each pump is **designed down to the smallest detail** without losing sight these requirements to meet and anticipate our customer's needs.



PRODUCTION

Our forefront high tech machinery is characterised by a high level of automation and in-line process controls. That allows us **maximum flexibility** and minimum **retooling time**, enabling us to **shorten delivery times** and ensuring high quality products.



PRODUCT TRACKING

All our products are **100% tested** before shipping, following automatic test cycles to ensure its repeatability. Pump performances are accurately measured to check compliance with benchmarks. The results are saved in relevant databases according to the serial number of each pump. This allows us **perfect traceability, statistical analysis and data consultation** on demand.





Low pressure variable displacement vane pumps equipped with mechanical pressure regulating device

Features and benefits

- ✓ Maximum displacement limiter included
- ✓ Arrangement for combined pumps available
- ✓ Silent running
- ✓ High efficiency
- ✓ Long working life
- ✓ Economy and simplification of hydraulic system
- ✓ Modular design
- ✓ Energy saving

Type	Max. displacement [cm ³ /r]	Max. flow rate [l/min at 1450rpm]	Max. pressure [bar]
01 PLP 05-16	16	23	120
01 PLP 1-20	20	29	100
01 PLP 1-25	25	36	100
01 PLP 1-32	32	47	100
01 PLP 2-40	40	58	100
01 PLP 2-50	50	73	100
01 PLP 2-63	63	92	100
01 PLP 3-80	80	116	90
01 PLP 3-100	100	145	90
01 PLP 3-120	120	174	90

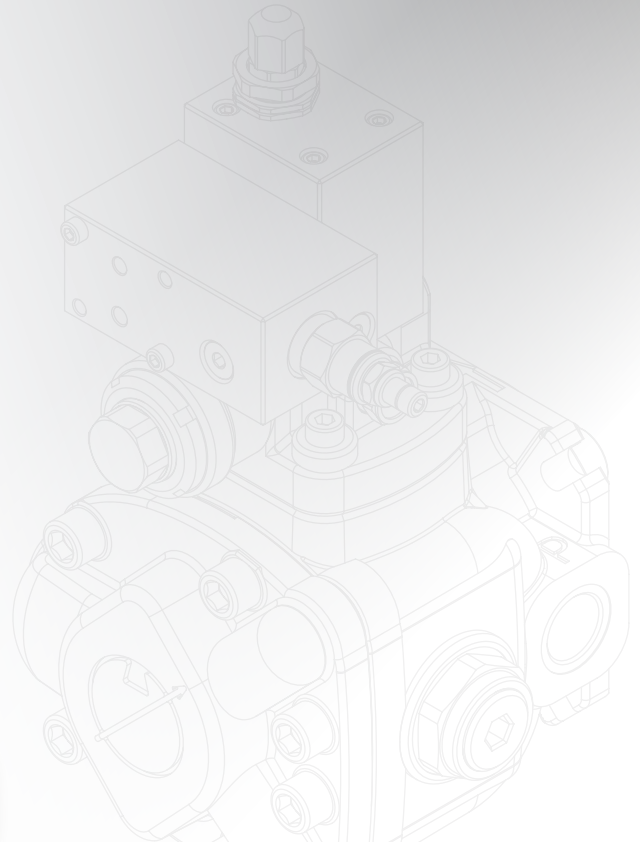


High pressure variable displacement vane pumps equipped with hydraulic pressure regulating device

Features and benefits

- ✓ Various pressure and flow rate controls
- ✓ Maximum displacement limiter included
- ✓ Arrangement for combined pumps available
- ✓ High operating pressure
- ✓ Excellent response times
- ✓ Silent running
- ✓ High efficiency
- ✓ Long working life
- ✓ Economy and simplification of hydraulic system
- ✓ Modular design
- ✓ Energy saving

Type	Max. displacement [cm ³ /r]	Max. flow rate [l/min at 1450rpm]	Max. pressure [bar]
01 PHP 05-16	16	23	250
01 PHP 1-20	20	29	250
01 PHP 1-25	25	36	250
01 PHP 1-32	32	47	250
01 PHP 2-40	40	58	250
01 PHP 2-50	50	73	250
01 PHP 2-63	63	92	250
01 PHP 3-80	80	116	250
01 PHP 3-100	100	145	250
01 PHP 3-120	120	174	250



High pressure variable displacement vane pumps equipped with hydraulic horse power limiter device

Features and benefits

- ✓ Various pressure controls
- ✓ Maximum displacement limiter included
- ✓ Arrangement for combined pumps available
- ✓ High operating pressure
- ✓ Excellent response times
- ✓ Silent running
- ✓ High efficiency
- ✓ Long working life
- ✓ Economy and simplification of hydraulic system
- ✓ Modular design
- ✓ Energy saving

Type	Max. displacement [cm ³ /r]	Max. flow rate [l/min at 1450rpm]	Max. pressure [bar]
01 PHPK 1-20	20	29	180
01 PHPK 1-25	25	36	180
01 PHPK 1-32	32	47	180
01 PHPK 2-40	40	58	180
01 PHPK 2-50	50	73	180
01 PHPK 2-63	63	92	180
01 PHPK 3-80	80	116	180
01 PHPK 3-100	100	145	180
01 PHPK 3-120	120	174	180



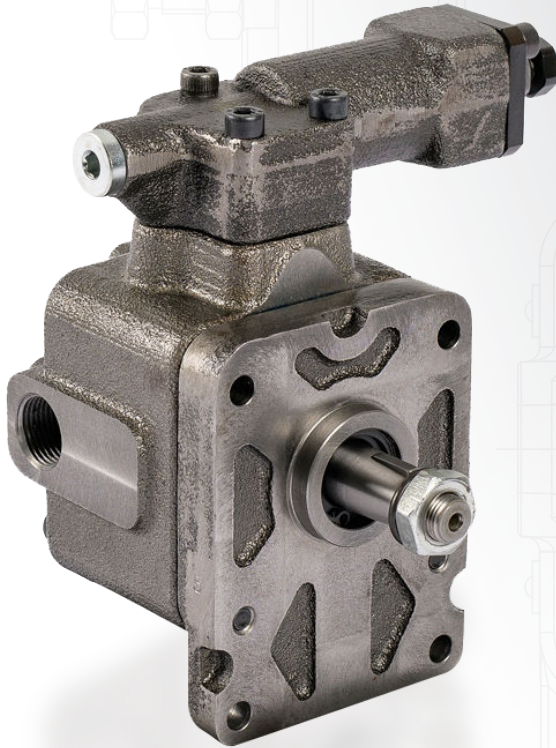
Variable displacement vane pumps certified for application in potentially explosive atmospheres

Features and benefits

- ✓ Various pressure, flow rate and power controls
- ✓ Maximum displacement limiter included
- ✓ Arrangement for combined pumps available
- ✓ High operating pressure
- ✓ Excellent response times
- ✓ Silent running
- ✓ High efficiency
- ✓ Long working life
- ✓ Economy and simplification of hydraulic system
- ✓ Modular design
- ✓ Energy saving

Type	Max. displacement [cm ³ /r]	Max. flow rate [l/min at 1450rpm]	Max. pressure [bar]
01 PLPX	16 ÷ 120	23 ÷ 174	120
01 PHPX	16 ÷ 120	23 ÷ 174	250
01 PHPKX	20 ÷ 120	29 ÷ 174	180

P04 Pumps



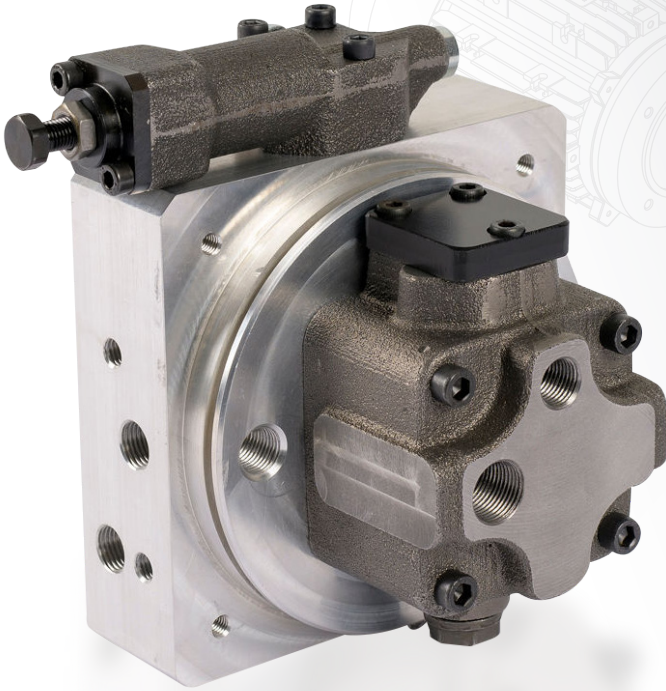
High pressure variable displacement vane pumps equipped with hydraulic pressure regulating device

Features and benefits

- ✓ Extremely compact dimensions
- ✓ Various pressure and flow rate controls
- ✓ Maximum displacement limiter included
- ✓ High operating pressure
- ✓ Excellent response times
- ✓ Silent running
- ✓ High efficiency
- ✓ Long working life
- ✓ Economy and simplification of hydraulic system
- ✓ Modular design
- ✓ Energy saving

Type	Max. displacement [cm ³ /r]	Max. flow rate [l/min at 1450rpm]	Max. pressure [bar]
P04 - 8	8	12	210

C04 Mini power packs



High pressure variable displacement vane pumps integrated
in hydraulic block to create mini power packs

Features and benefits

- ✓ Extremely compact dimensions
- ✓ Various pressure and flow rate controls
- ✓ Maximum displacement limiter included
- ✓ High operating pressure
- ✓ Excellent response times
- ✓ Silent running
- ✓ High efficiency
- ✓ Long working life
- ✓ Economy and simplification of hydraulic system
- ✓ Modular design
- ✓ Energy saving

Type	Max. displacement [cm ³ /r]	Max. flow rate [l/min at 1450rpm]	Max. pressure [bar]
C04 - 8	8	12	210



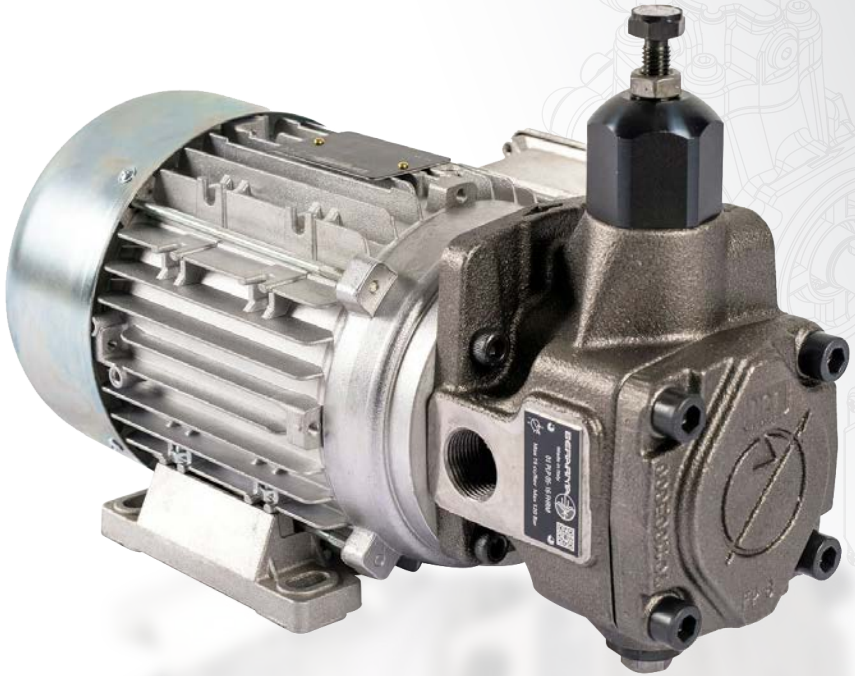
**Compact check valves integrated in the SAE flange
with threaded outlet and pressure gauge connection**

Features and benefits

- ✓ Extremely compact dimensions
- ✓ Pressure gauge connection
- ✓ High operating pressure
- ✓ Long working life
- ✓ Economy and simplification of hydraulic system
- ✓ Modular design

Type	Size	Max. flow rate [l/min]	Max. pressure [bar]
01 NRV 2 L	1" SAE J518 series 3000 DN25	250	300
01 NRV 3 L	1"1/4 SAE J518 series 3000 DN32	350	300
01 NRV 2 H	1" SAE J518 series 6000 DN25	250	420
01 NRV 3 H	1"1/4 SAE J518 series 6000 DN32	350	420

GMP Motor pump unit



Compact integrated direct drive motor-pump units consisting of Berarma pumps and hollow-shaft B3-B14 electric motors

Features and benefits

- ✓ Space saving
- ✓ Coupling and bell-housing elimination
- ✓ Rated power 0,75 - 7,5 kW
- ✓ On demand: special voltages, thermal protection
- ✓ High operating pressure
- ✓ Excellent response times
- ✓ Silent running
- ✓ High efficiency
- ✓ Long working life
- ✓ Economy and simplification of hydraulic system
- ✓ Modular design
- ✓ Energy saving

Type	Max. displacement [cm ³ /r]	Max. flow rate [l/min at 1450rpm]	Max. pressure [bar]
GMP 16	16	23	250
GMP 20	20	29	250
GMP 25	25	36	250
GMP 32	32	47	250



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