

É C Ö L E

Hydraulic Pumps&Motors

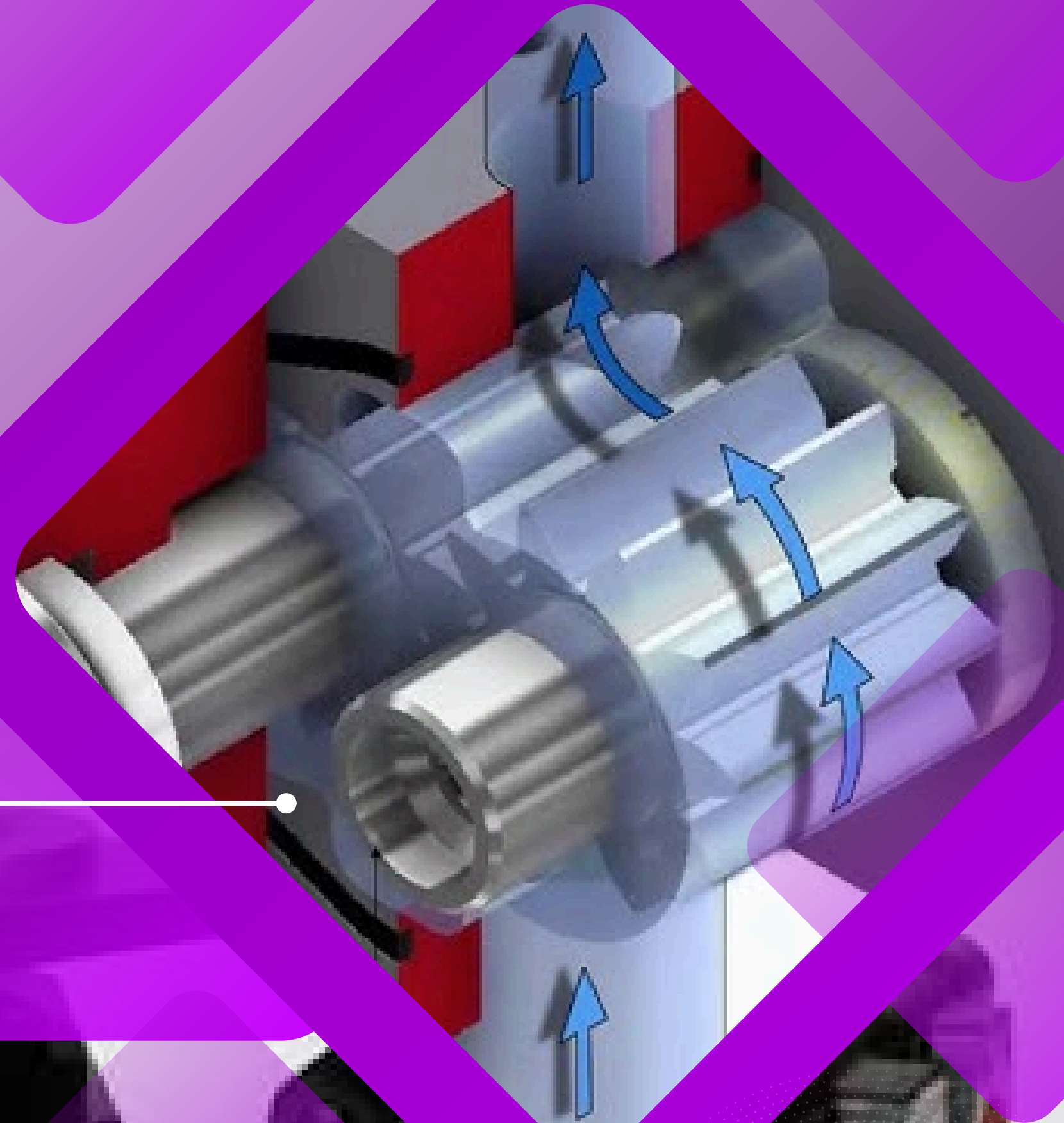
Hydraulic Solutions from Türkiye

Produced by:

Hidroekol

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Hema



About Us

Our young and dynamic company Hidroekol, which started its operations in 2013, brings the experience it has gained in the mobile and industrial fields for years to the sector by offering fast and powerful solutions.

Hidroekol, which is located in two factories in Ankara with a total of 5800 m² of closed area, determines the needs of its customers with its personnel specialized in hydraulics and offers hydraulic pump-motor production according to these needs.

Our company, which always prioritizes customer satisfaction by offering alternative solutions in the sector, aims to provide the best service in this regard, at the right time and under the most suitable conditions.



Main Factory



Ostim Branch



Our Mission&Vision

Our management philosophy is to make our company a sought-after brand in target markets, to constantly review ourselves and to evaluate the potential for continuous growth, while taking customer satisfaction into consideration.

In the ever-changing and evolving world market; to continuously improve its performance and the service it offers to its customers by following technology and to be the leading company in the sector. It is aimed that every job we do includes high quality and contributes positively to customer satisfaction.



High Quality



Technology



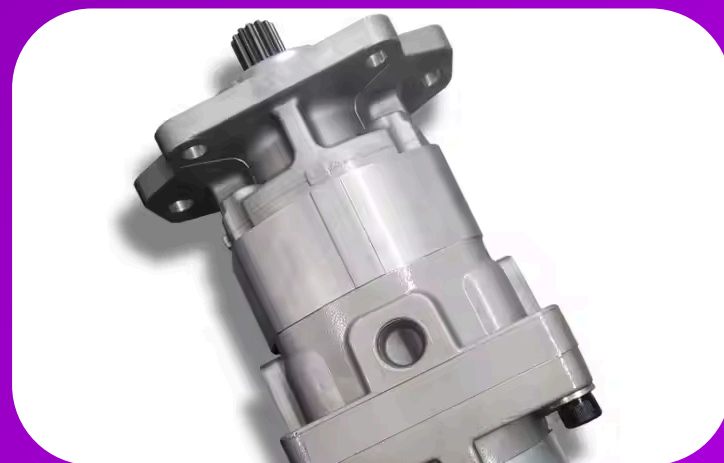
Reliability



Our Production Groups



**Cast-iron Type Gear
Pumps-Motors**



**Alluminium Type
Gear Pumps-Motors**



**Transmission
Pumps**



Valve Blocks

Cast-iron Type Gear Pumps-Motors

Cast iron gear pumps offer superior performance, high efficiency and low noise operation at high operation pressure.

The pumps/motors are produced in E12, E13 and E16 types with displacement range from 10 cm³/rev to 240 cm³/rev .

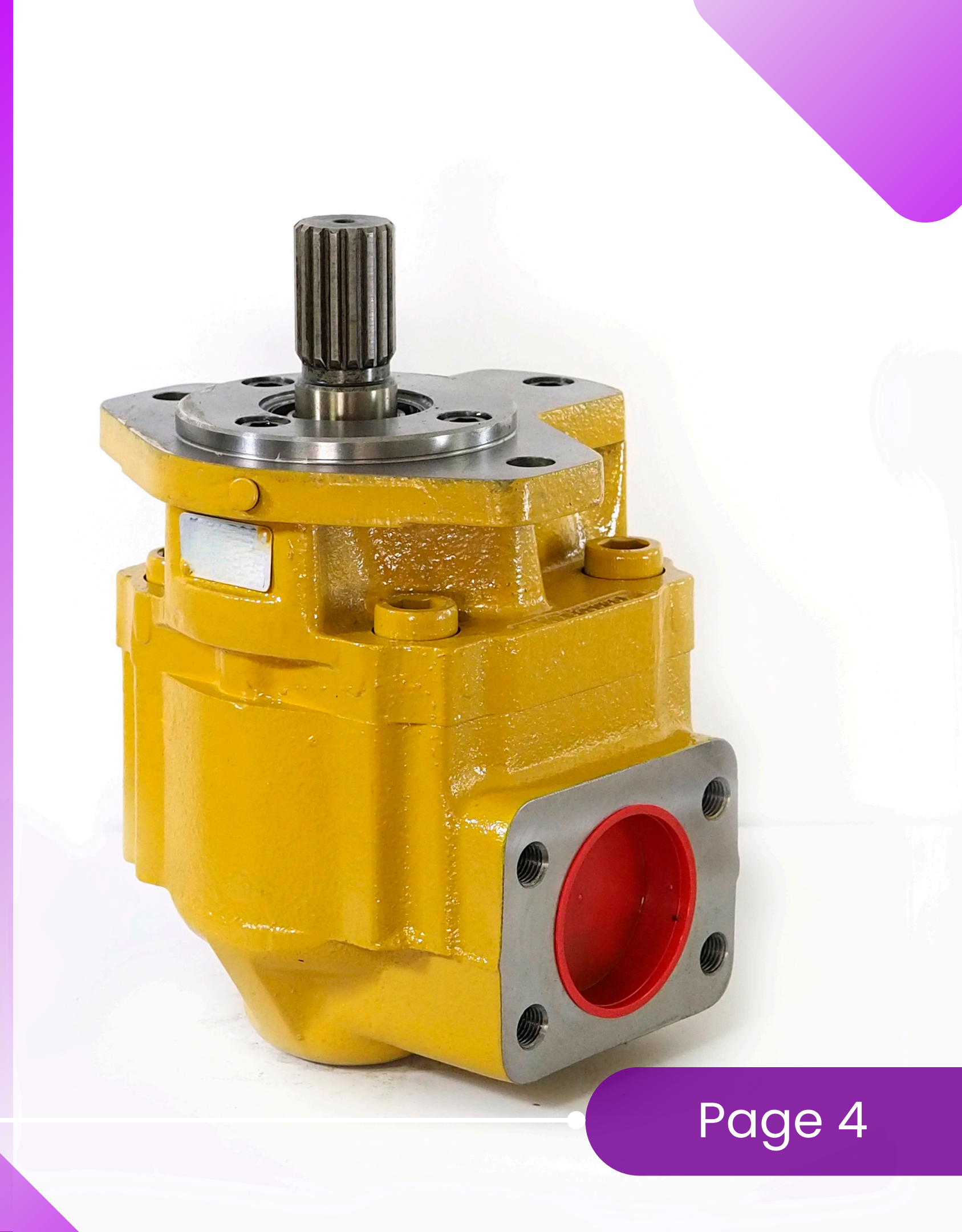
Features:

- Aluminium thrust plates
- Single tandem, triple pumps are available
- Common inlets available from tandem and triple pumps
- Continuous operating pressure up to 280 bar
- Pressure balanced design for high efficiency
- Reduced system noise levels

▶ E12 SERIES

▶ E13 SERIES

▶ E16 SERIES



Alluminium Type Gear Pumps–Motors

Alluminium gear pumps offer superior performance, high efficiency and low noise operation at high operation pressure.

The pumps/motors are produced in P12, P13, P16 and P315 types with displacement range from 4 cm³/rev to 240 cm³/rev .

Features:

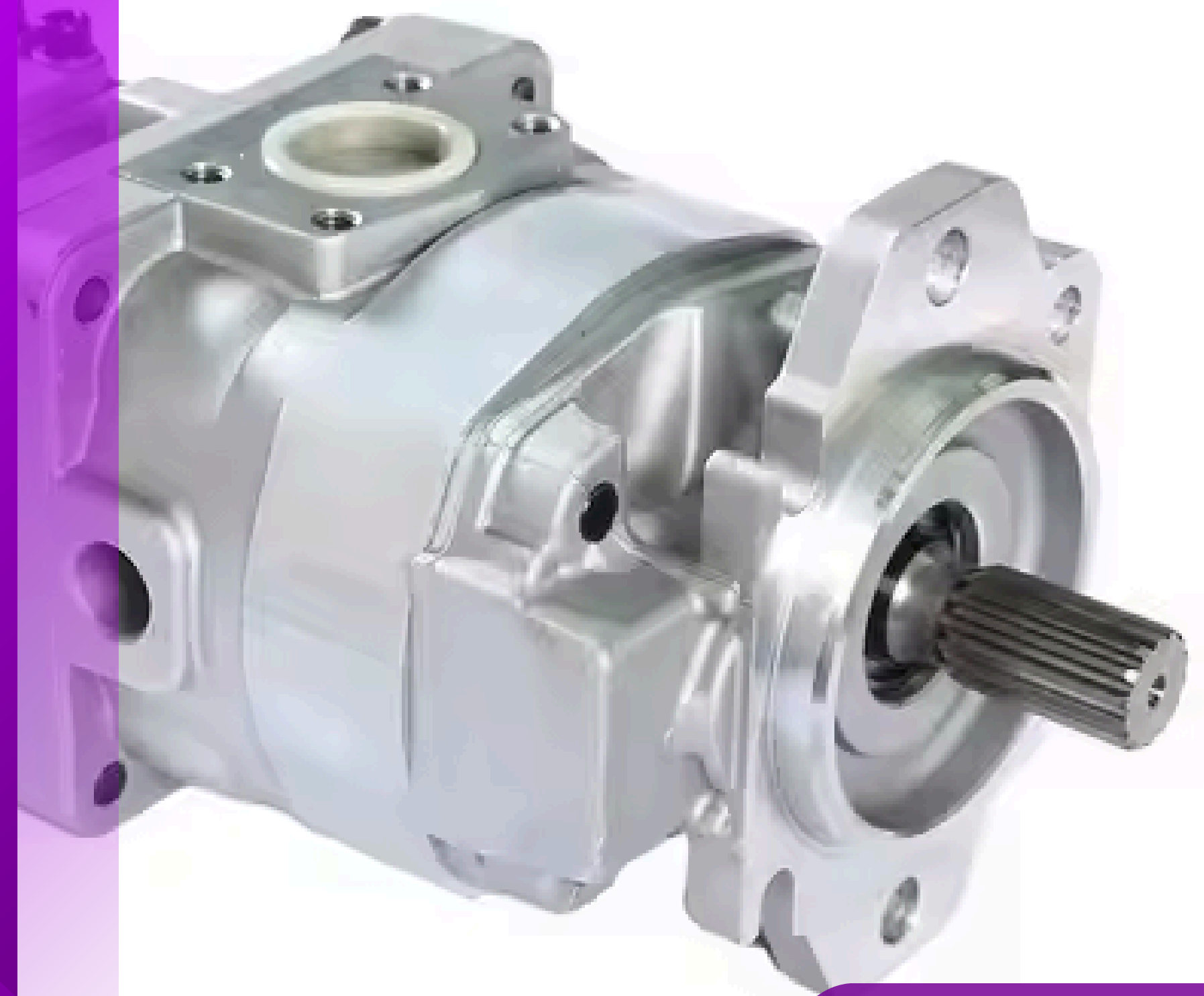
- High Efficiency
- Compact and Lightweight
- Outstanding Durability
- Excellent Low Temperature Characteristics

▶ P12 SERIES

▶ P13 SERIES

▶ P16 SERIES

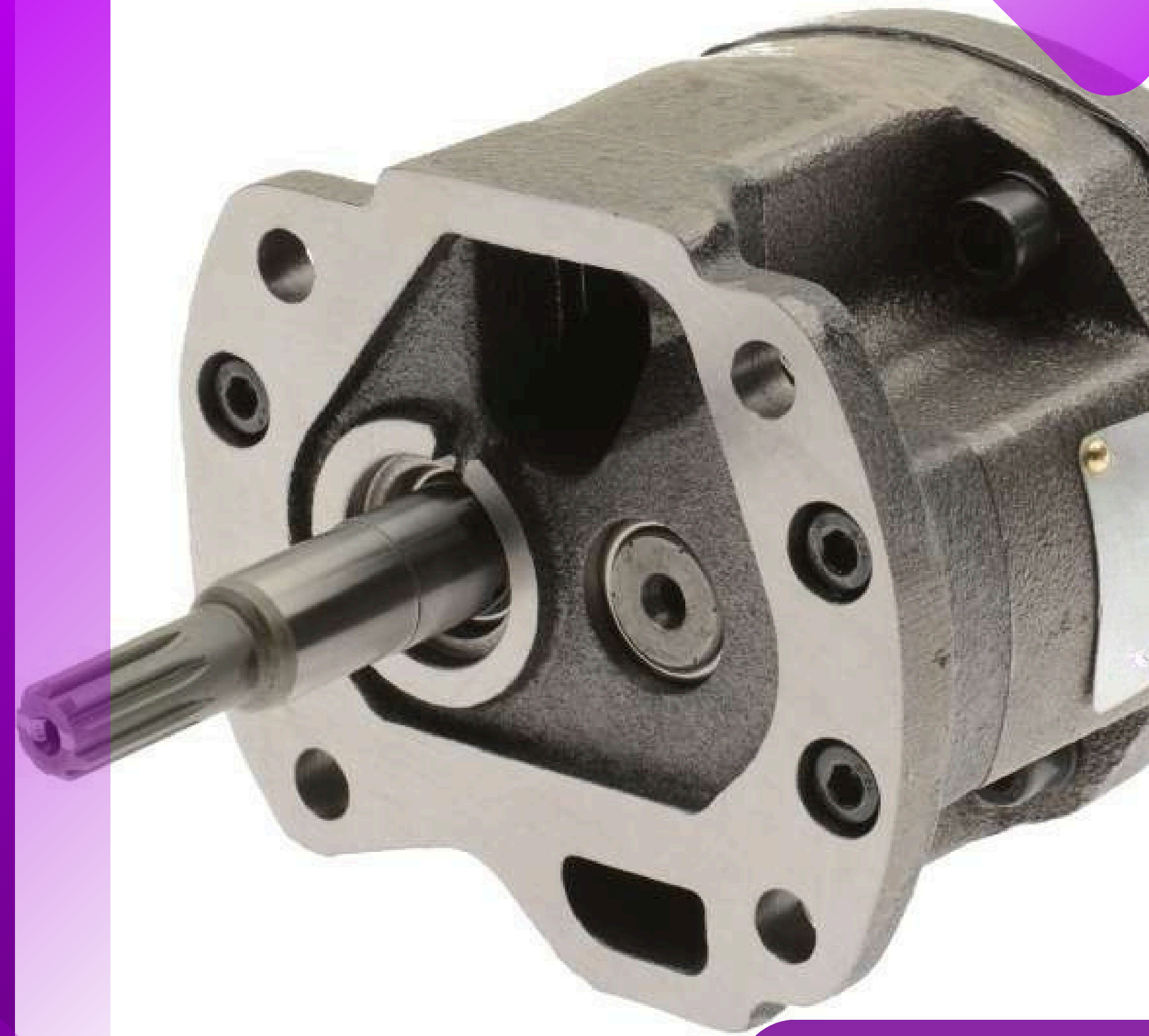
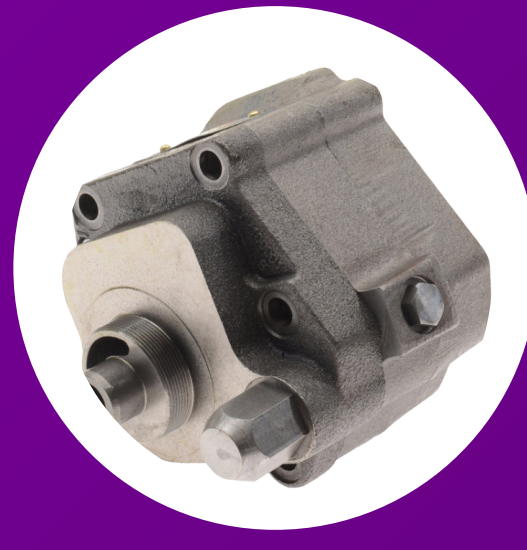
▶ P315 SERIES



Transmission Pumps

Ecole transmission pumps offers Transmission as follows;

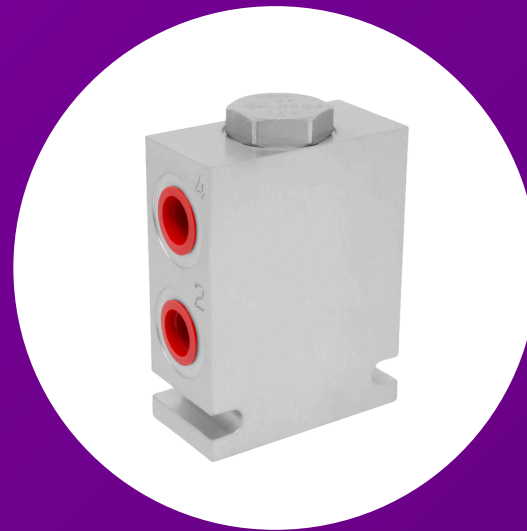
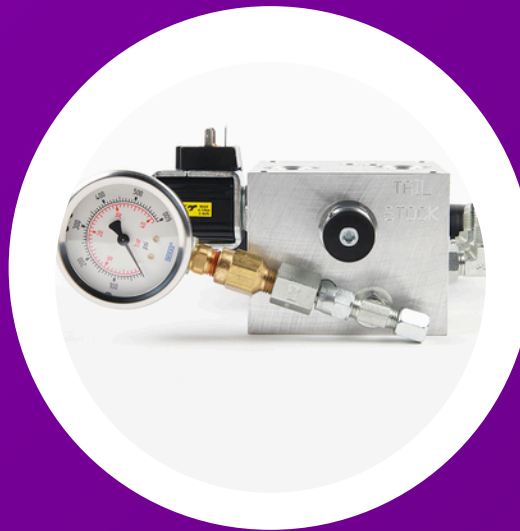
- T12000 series
- T20000 series
- T24000 series
- TE08 series
- TE14 series
- TE30 series
- TE32 series
- TE50 series
- C3000 series



Hydraulic Valves

We manufacture hydraulic valve blocks for special orders, for use in construction machinery and special industrial applications.

- Relief and safety valves
- Load holding and locking valves
- Check valves
- Speed control valves
- Circuits for special applications



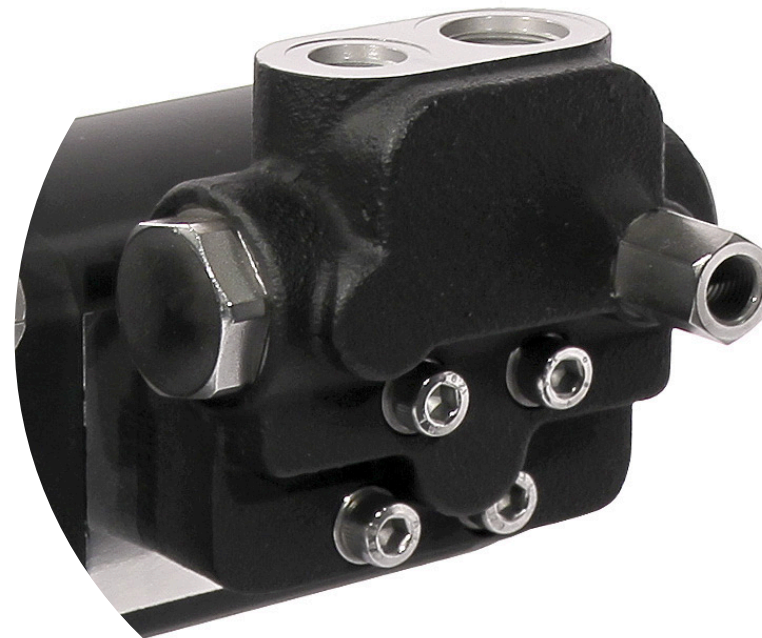
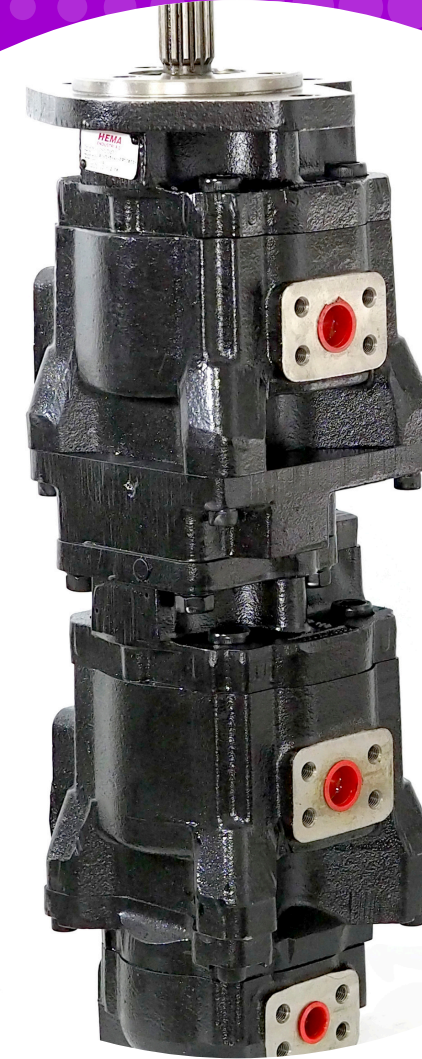
Multiple Pumps + Valve Built-in

Following valves built in the E12 and E13 series cast iron body gear pumps (Also suitable for P series)

- Anti-cavitation valves,
- Maximum pressure relief valves
- Priority valves
- Load sensing valves
- Unloading valves

Following multiple pumps built in the E12, E13 and E16 series cast iron body gear pumps

- Double, triple and four step pumps
 - E12+E12 series (P12+P12)
 - E13+E13 series (P13+P13)
 - E16+E16 series (P16+P16)
 - E16+E13 series (P16+P13)
 - E16+E12 series (P16+P12)
- + Aluminium rear pumps



Some Applications for Aluminium and Cast Iron Pumps

Alluminium pumps applied following machines;

- Backhoe Loaders
- Wheel Loaders
- Graders and Dozers
- Mining Machines (Drilling rigs, Trucks, Loaders)
- Industrial Applications
- Cranes
- Bored Piling Machines
- Road Machines



Strong solutions for hydraulic equipments...

Is there anything you would like to ask and discuss?

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Thank You

For Your Attention and Cooperation

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Hidroekol



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