

70 YEARS OF ULTRA

ULTRA POMPE Srl

Gear pumps maker & process innovation

Application Field

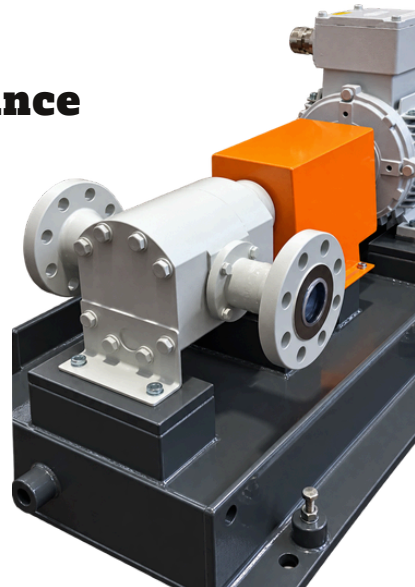
- Fuel and lube oils dosing and transfer
- Bitumen plants and truck
- Diathermic oil circulation
- Chemicals and polymer additives dosing
- Chemical mixing and blending
- Industrial gearboxes lubrication
- Compressors lubrication system
- Oil & Gas process
- Off-shore platform
- Acids process
- Naval application
- Oil circulation
- Resins and glue dosing system
- Polyol and isocyanate dosing
- Wind turbine lubrication
- Cosmetics dosing system
- Food oil dosing system
- Water treatment



High-Precision dosing

Certified versatility

Durability & Resistance



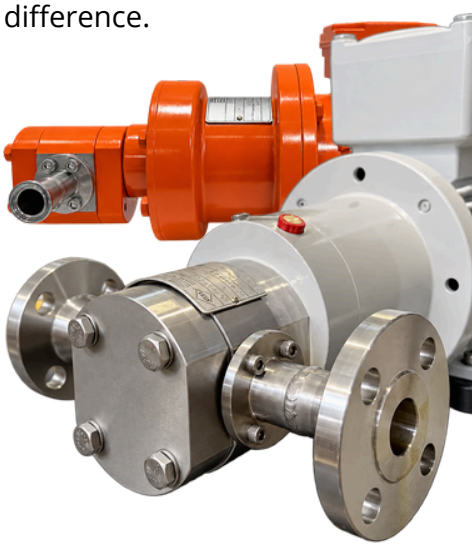
Customized solutions available on request

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G Series

A standard **cast iron**, robust and versatile solution for the transfer and dosing of fluids, including challenging products such as polyol, isocyanate, bitumen and molasses. Self-priming and designed for metering, lubrication and the transfer of a variety of fluids, it is one of the historic series range. Compact, reliable and suitable for multiple industrial applications, G Series is the most widely used solution for processes where service continuity, simple construction and reliability truly make the difference.



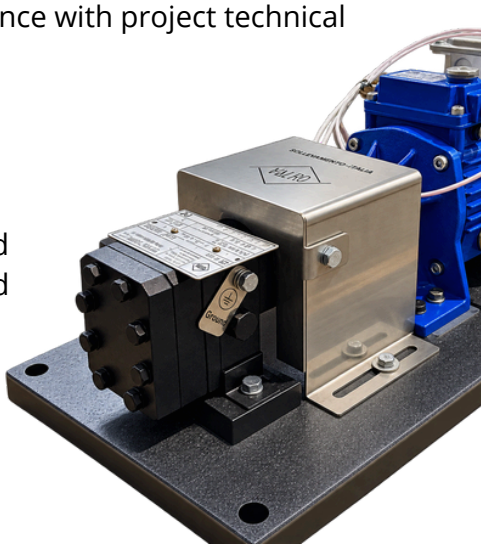
S Series

Stainless steel pumps range is designed for the transfer and dosing of corrosive and chemical fluids, as well as products intended for cosmetic and food applications. Self-priming, robust, precise and versatile, it is suitable for a wide variety of fluids in industrial applications like to acids, food additives and surfactants. A solution designed for applications where material compatibility, reliability and service continuity are essential.



H Series

The **carbon steel** configuration is designed for industrial applications operating under more demanding conditions. It is suitable for oil compressor applications, additives systems and plants requiring dedicated technical configurations, also in accordance with the specifications of engineering companies, Oil & Gas projects and EPC contractors. A solution designed for applications where construction strength, service continuity and compliance with project technical requirements are essential.



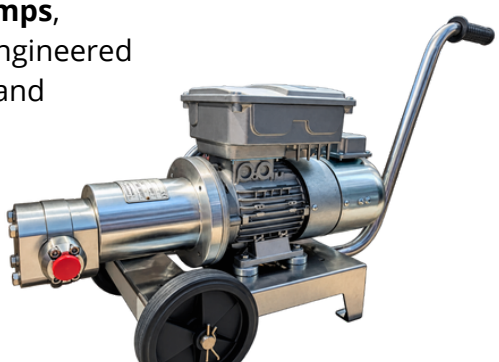
D Series

The ULTRA **hardened cast iron** dosing gear pump is designed for high-pressure dosing and transfer applications. Compact, precise and reliable, it is particularly suitable for metering additives, dyes, oils and fuels, as well as for fuel injection applications in industrial furnaces. A solution designed for processes where precision, mechanical strength and service continuity are essential.



Special application

Based on the application, operating conditions, plant configuration, and specific customer requirements, ULTRA design and manufacture **special pumps**, developing a dedicated technical solution engineered to ensure reliability, continuous operation, and performance suitable for the process.

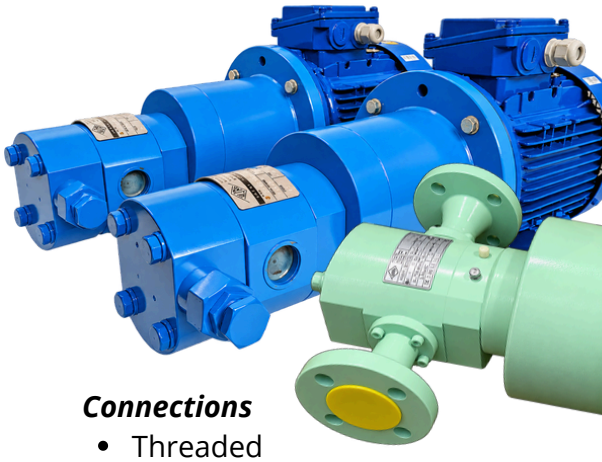


Nominal Pump Flow Rates

Group	cc/rev	Port	1400 rpm <350 cSt l/min	900 rpm <1'000 cSt l/min	700 rpm <4'000 cSt l/min	Motor size B3/B5
2	5 7 10 14 21	1/2" 1/2" 1/2" 3/4" 3/4"	7 9,5 14 20 29	4,5 6 9 13 19	3,5 4,5 7 10 15	71...132
3	28 35 42	1" 1" 1"	39 49 59	25 32 38	20 25 29	80...132
4	52 72 93 114	1" 1.1/2" 1.1/2" 1.1/2"	73 101 130 160	47 65 84 103	36 50 65 80	90...160
5	144 200 300	1.1/2" 2" 2.1/2	202 280 420	130 180 270	101 140 210	112...160
6	460	3"	640	410	320	132...200
7	636 863	4" 4"	890 1200	570 770	445 600	132...250
8	1330	5"	1860	1200	930	132...280

Operating conditions

Flow: up to 1860 l/min
Viscosity: 1 to 1'000'000 cSt
Temperature: -40 to +250°C
Pressure: 0 to 30 barg



Technical Specifications

Materials

- Stainless Steel
- Cast Iron
- Carbon Steel
- Special Material

Shaft Seals

- Packing
- Single mechanical
- Double mechanical
- Magnetic coupling

Connections

- Threaded
- Welding neck
- Flanged EN / ANSI
- Custom design

Rotors

- Stainless Steel DUPLEX
- Nitrided Steel Coated

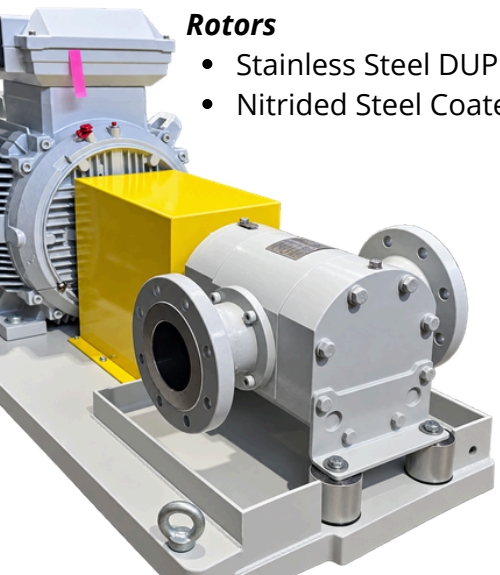
Options

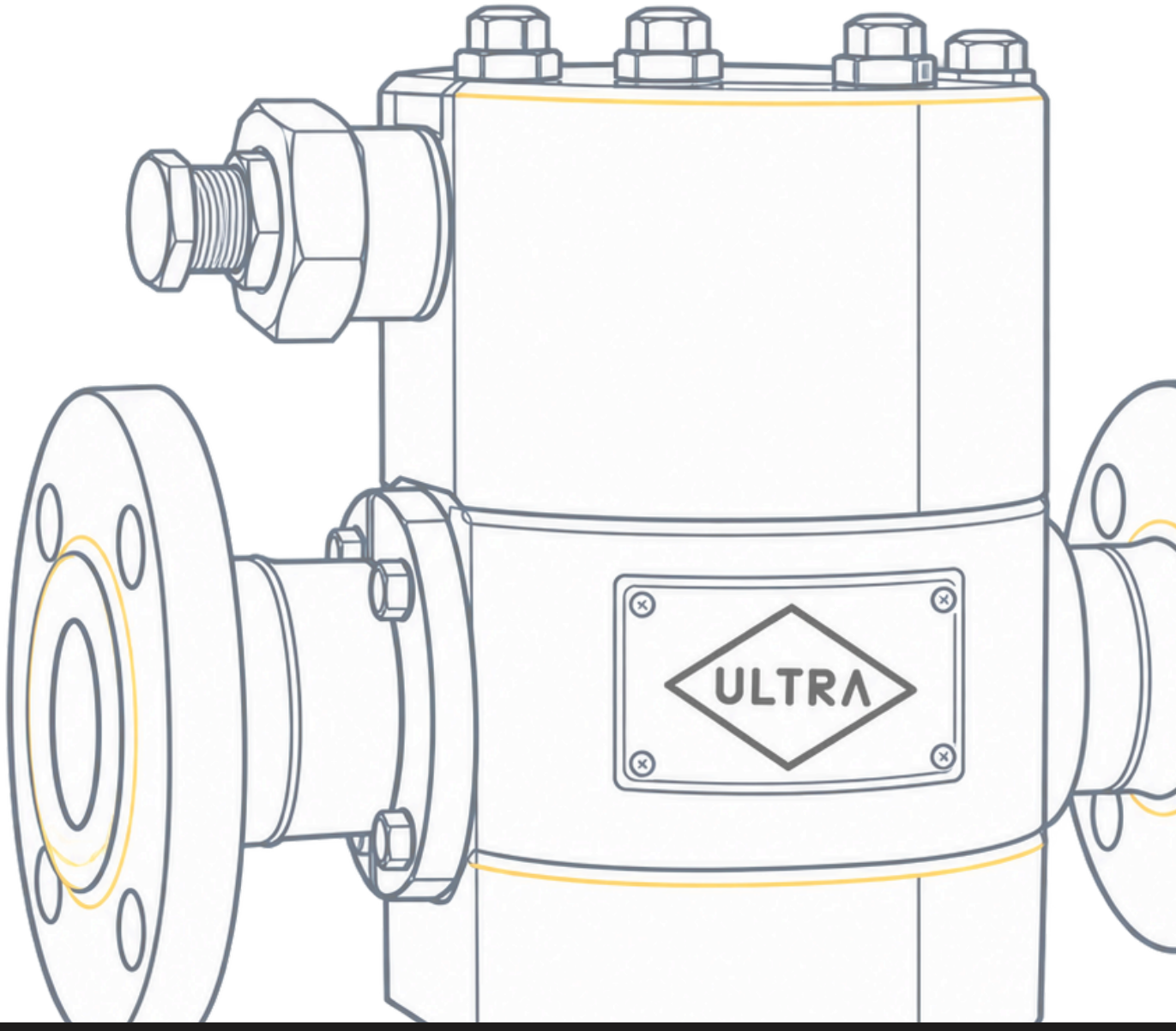
- Steam/Oil heating jacket
- Electric heating
- External support bearings
- Double extension shaft

Certificates

- ATEX Certificate
- 3.1 Certificate
- Performance Test
- Hydrostatic Test
- FDA Conformity

Inspection on request



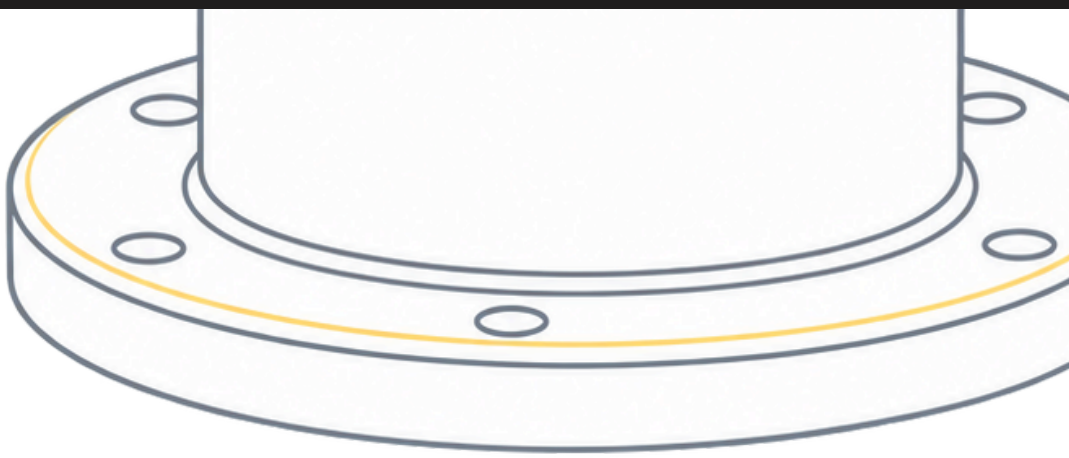


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