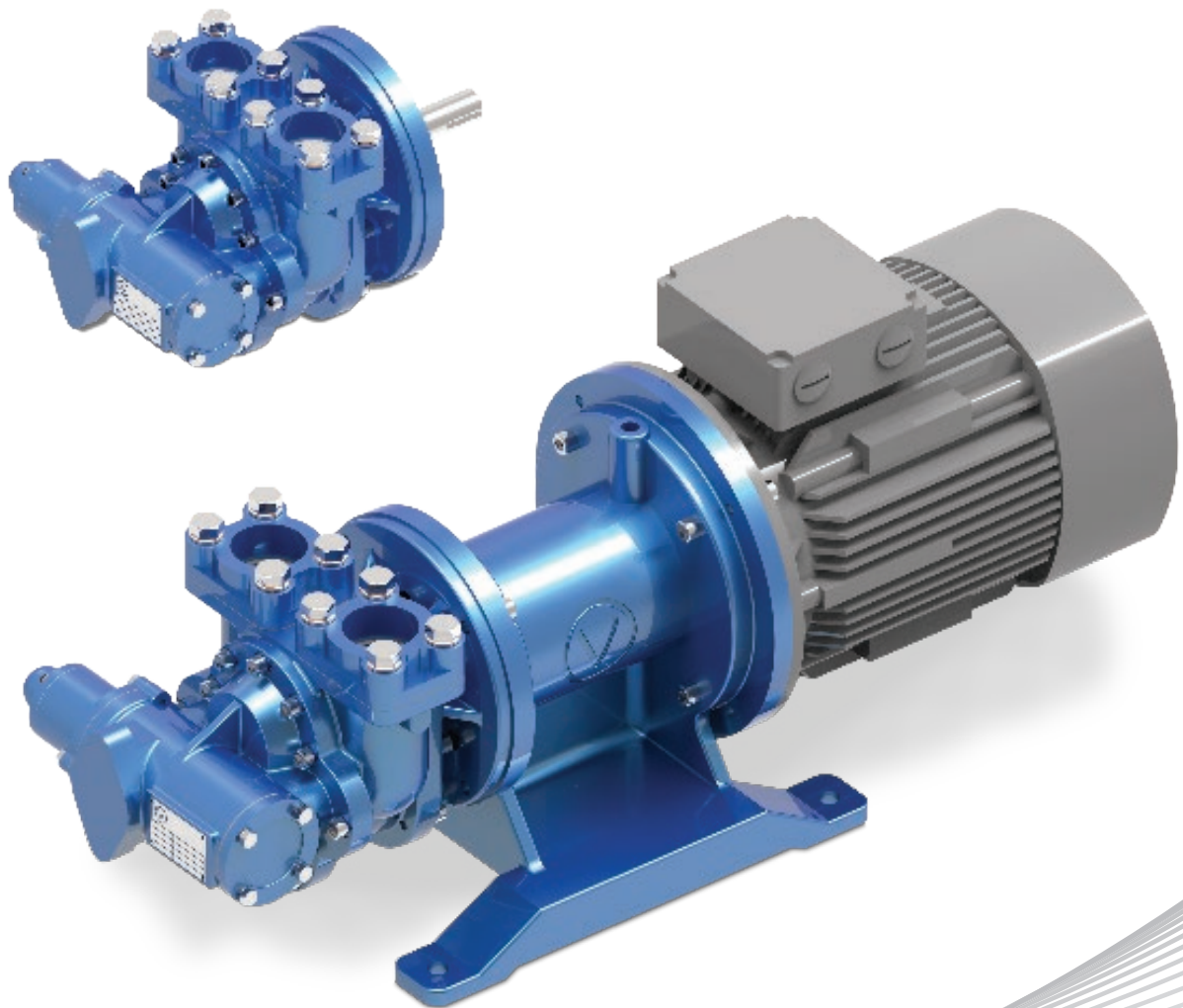


# Varley Gear Pumps

For applications requiring reliable and robust  
pumping solutions for increased performance  
and lower lifetime cost of ownership



# Varley Gear Pumps.

## High performance. High reliability.

## Low maintenance.

You must be able to rely 100% on the technology that drives your operations. With Hayward Tyler, you can be confident you're in safe hands.

### Engineering excellence

Hayward Tyler design and manufacture a wide range of Varley Gear Pumps capable of pumping any lubricating fluid:

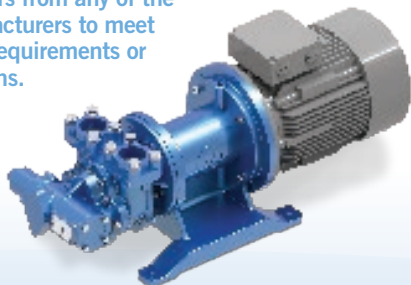
- ✓ **Flows up to 200 igpm (900 l/min)**
- ✓ **Pressures up to 500 psi (35 Bar)**
- ✓ **Temperatures up to 176C (350F)**

With over 60 years' experience, we provide you with robust and reliable solutions for performance-critical applications requiring lubricating liquid pumping.

Our pumps are engineered for high-efficiency operation for improved productivity, performance, and reduced total life cycle costs. Featuring double helical gears for smooth non-pulsating flow, and with the shaft supported on both sides for long bearing life, our pumps have a design lifetime of 25+ years.

We have sold and installed in excess of 60,000 Varley Gear Pumps worldwide across many applications, including oil & gas, power and chemical industries.

**Motorised gear pumps can be supplied with motors from any of the main motor manufacturers to meet specific customer requirements or project specifications.**



**Our Varley Gear Pumps are trusted for their performance and reliability and are used in many industry applications worldwide:**

- **Power Generation Authorities**
- **Oil & Gas Companies**
- **Rail Operating Companies**
- **Steel Making Companies**
- **Chemical & Process Companies**
- **Shipping Operators**
- **Marine Engine Manufacturers**



### Trusted supplier

Our Varley Gear Pumps are a tried and tested solution for fuel oil transfer and lubrication systems, main oil, pre-lube, and fuel oil duties for diesel and gas engines. We are the 'go-to' trusted supplier to many major companies worldwide who recognise us for our unsurpassed experience, engineering reliability, and the quality of our service support.

**Bareshaft gear pumps can be supplied to be driven by an engine or electric motor supplied by customer, or as replacement pumps for existing motorised units.**



60,000+

PUMPS INSTALLED  
WORLDWIDE



HIGH RELIABILITY  
(25+ YEARS DESIGN  
LIFETIME)



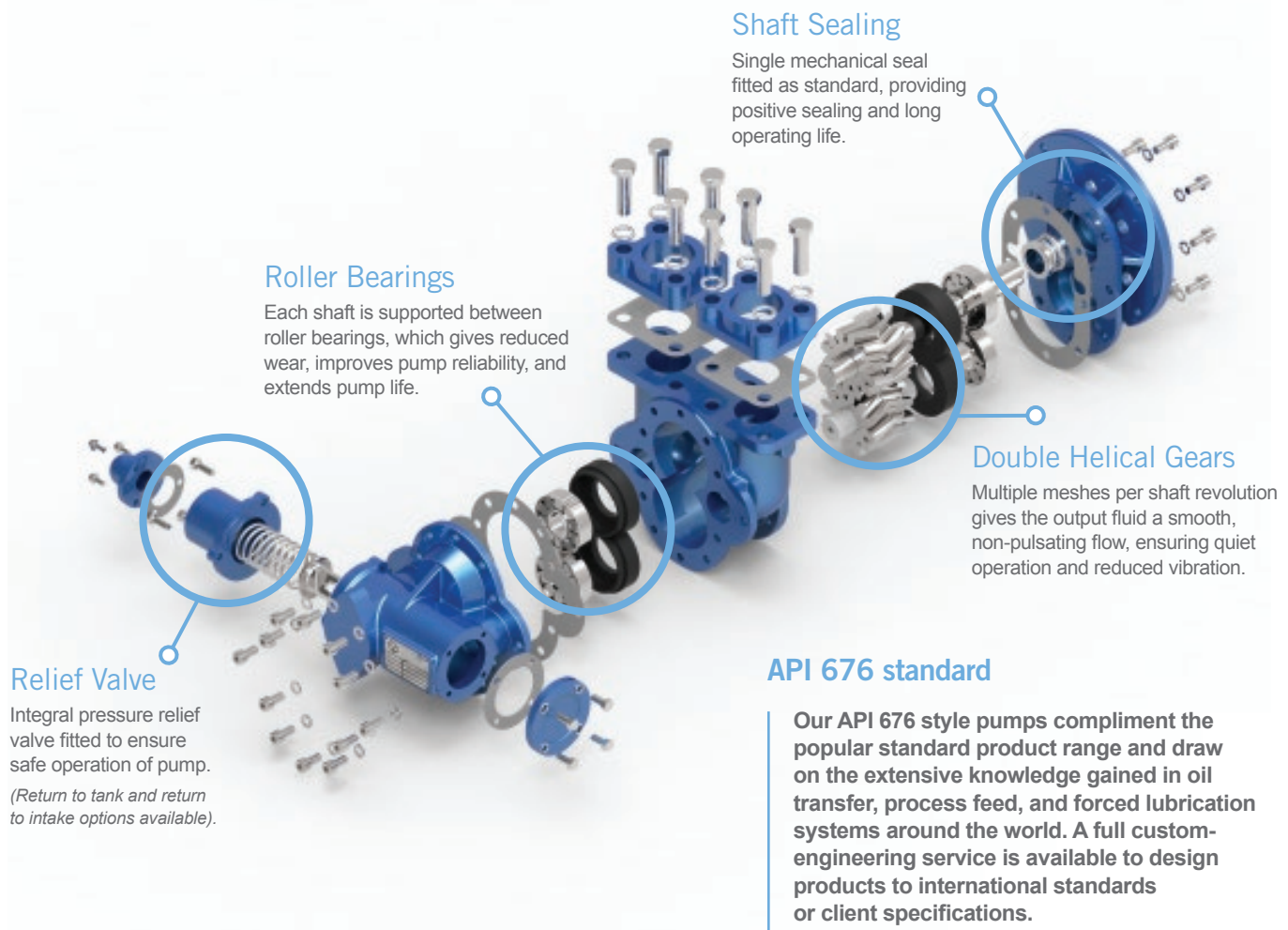
TRUSTED  
PERFORMANCE  
PRESSURES

500 psi  
35 bar



LOWER TOTAL COST  
OF OWNERSHIP

Our high performing, low maintenance Varley Gear Pumps are recognised worldwide as the most reliable and robust available today. They have a 25+ year design lifetime, providing high-efficiency operation that enables improved productivity and profitability.



## Features

- Compact design
- Foot / engine mounted
- Double helical gears
- Journal roller bearings
- High suction lift capability
- High interchangeability
- Flexible coupling
- All motorised units bracket mounted

## Benefits

- Easy fitting
- Smooth non-pulsating flow
- Thrust eliminated
- Long design life
- Self priming
- Easy maintenance
- Space saving
- No on-site adjustment required

## Performance

- Flows up to 200 igpm (900 l/min)
- Pressures up to 500 psi (35 Bar)
- Temperatures up to 176C (350F)

## Applications

- Lubrication oil systems
- Fuel oil transfer and processing
- Diesel engine lubrication

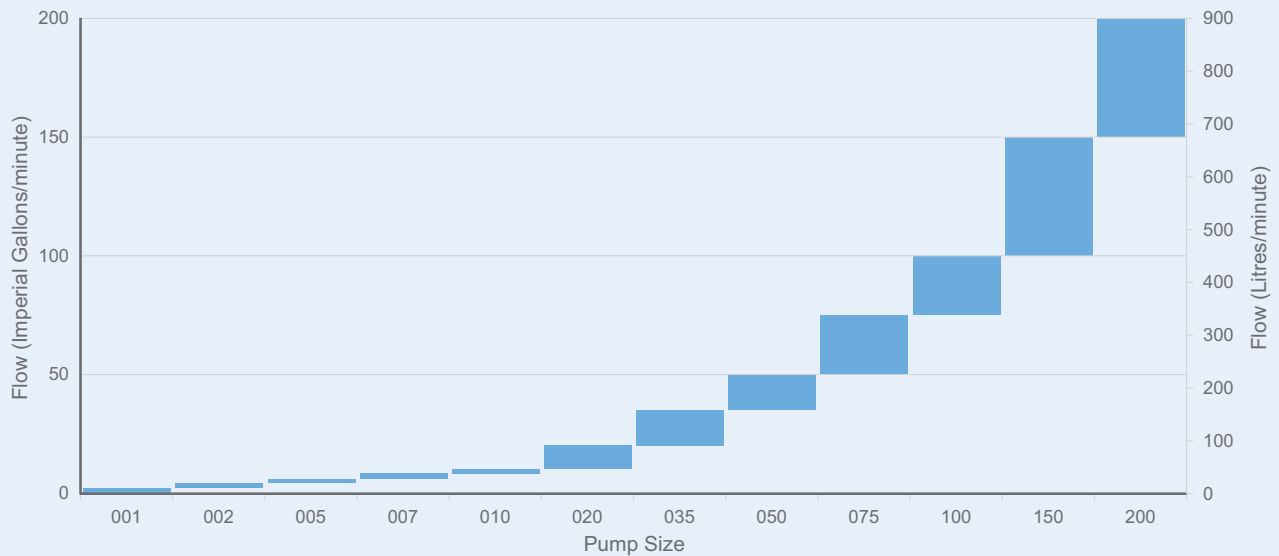
**OUR BUSINESS-WIDE CONTINUOUS IMPROVEMENT PROCESSES ARE FURTHER ENHANCING OUR COMMITMENT TO PERFORMANCE, RELIABILITY, SERVICE LIFE, AND EASE OF MAINTENANCE.**



Varley Gear Pumps are trusted for their reliability and have been installed worldwide across many applications, including oil & gas, power and chemical industries.

### Product Range (4-pole 50Hz (1500rpm) speed)

Please check viscosity, pressure, speed and performance curve before making / confirming required pump selection



### Motors

Power Ratings	Voltage	Frequency	VSD Compatible	Design Life	Motor Speed
0.37 - 15.0kw	230V & 400V	50/60Hz	Yes	25+ years	2/4/6 Pole

### Support & After Sales

A full recommended spare parts list is supplied with each Varley Gear Pump. Our sales team provides a comprehensive range of support options ensuring that your business processes are uninterrupted and running at optimum levels at all times.



For further information on Hayward Tyler's Varley Gear Pump standard and engineered product range, please contact us or visit: [www.haywardtyler.com/products/varley-gear-pumps](http://www.haywardtyler.com/products/varley-gear-pumps)



Engineered solutions for the global energy sector

#### UNITED KINGDOM

Hayward Tyler Ltd  
Luton, United Kingdom

+44 (0)1582 731144  
luton@haywardtyler.com

#### USA

Hayward Tyler Inc  
Vermont, USA

+1 (802) 655 4444  
vermont@haywardtyler.com

#### INDIA

Hayward Tyler India  
Haryana, India

+91 129 251 3579/251 0124  
delhi@haywardtyler.com

#### CHINA

Hayward Tyler Kunshan  
Kunshan, China

+86 512 57723311  
kunshan@haywardtyler.com

