

QL Series

SEALING
SYSTEMS

The QL heavy duty Lobular pumps are developed for viscous products, have both European certifications (EHEDG) as American (3A) to work in the food industry, cosmetics and pharmaceutical

Φ 441 GPM / 1,670 LPM

μ hasta 1,000,000 cP

P 209 psi / 20 bar
670 ft / 204 m

T 150 °C / 302 °F

Characteristics

Ease of maintenance, economic price and CIP performance are key features of the QL positive displacement pump. Its seal located in the frontal load allows that it is of easy cleaning and reduces times of sustenance: with only remove the frontal cover, both rotors and stamps are accessible without disconnecting the line of the process.

ADVANTAGES

- The motor or the front cover can be supplied with thermal covers for temperature control
- The wet parts can be hardened for the handling of abrasive products
- There are specially designed pumps for tank cars (pipes)
- Thanks to its modular design it can be changed to double seal in a simple way



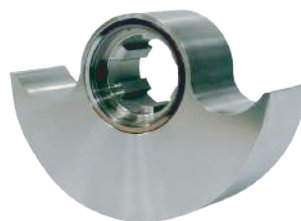
This series has a high level of performance and versatility, since it has different types of rotors according to the nature of the product to be pumped.



Tri-Lobular Rotor



Bi-Wing Rotor

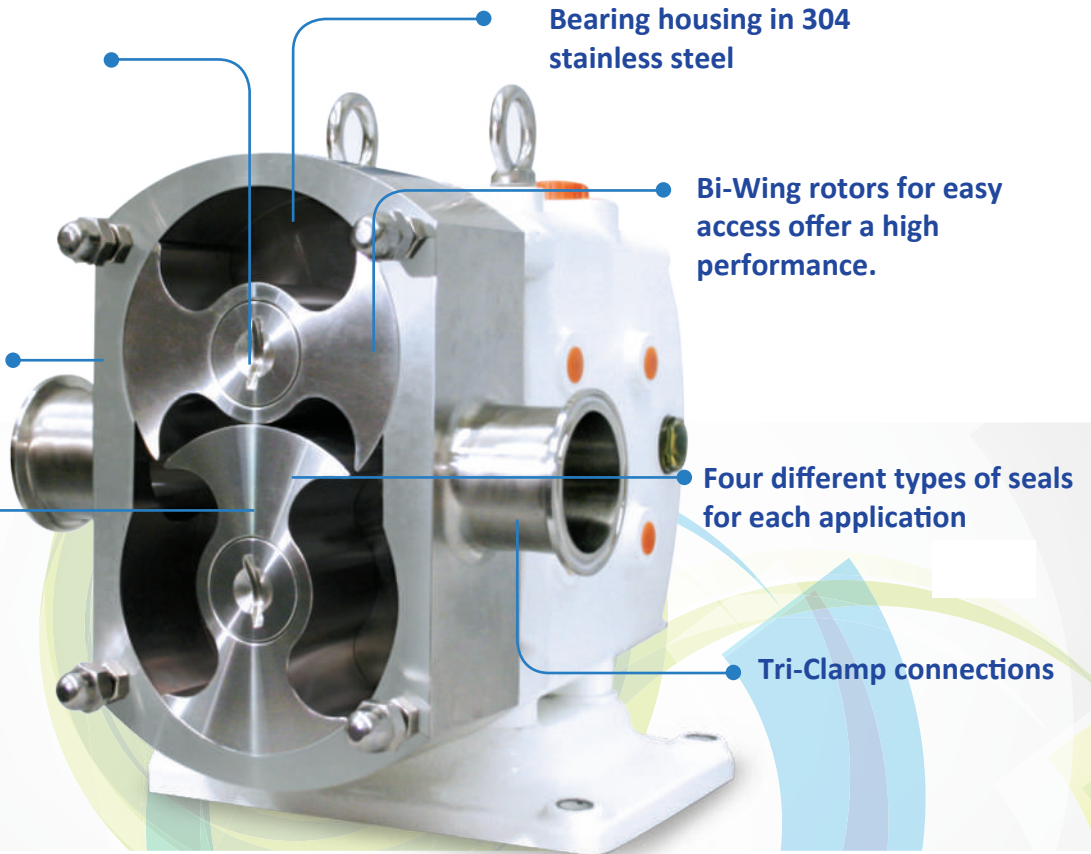


Single-Wing Rotor

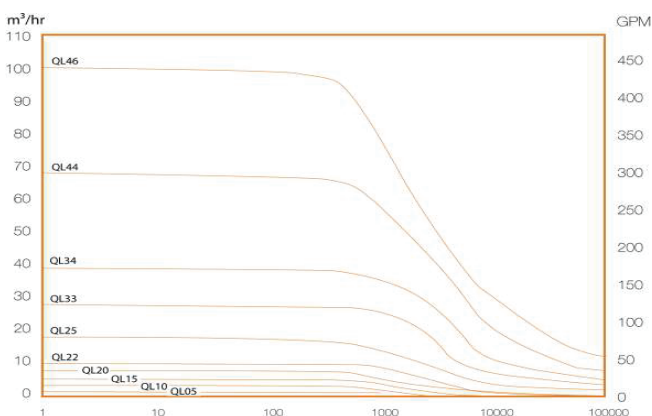


Helicoidal Rotor

Its front access provides quick cleaning and less downtime.



QL Series	Model	DISPLACEMENT			Size of Standar Connection		Differential pressure maximum		Maximum speed
		L /rev.	LPM	GPM	mm	in.	Bar	PSI	Rev / min
100	QL110-005-20	0.050	50.0	13.2	25	1.0	20.7	300	1000
	QL115-012-12	0.120	96.0	25.4	38	1.5	12.1	175	800
	QL120-021-08	0.210	168.0	44.4	51	2.0	7.9	115	800
200	QL220-040-12	0.410	287.0	75.8	51	2.0	12.1	175	700
	QL225-062-08	0.620	434.0	114.7	64	2.5	7.9	115	700
300	QL330-102-12	1.020	612.0	161.7	76	3.0	12.1	175	600
	QL340-144-08	1.440	864.0	228.3	102	4.0	7.9	115	600
400	QL440-227-12	2.270	1135.0	299.9	102	4.0	12.1	175	500
	QL450-334-08	3.340	1670.0	441.2	152	6.0	7.9	115	500



*Curves for reference