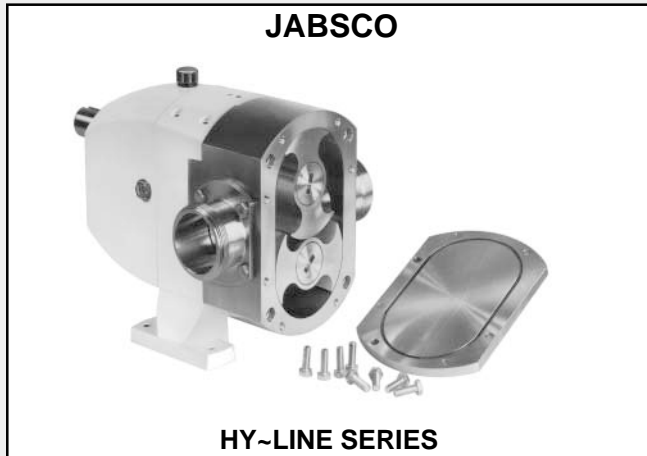


**UP TO 180 GPM, 215 PSI, SCIMITAR LOBE SERIES**

Jabsco's latest rotary positive displacement pump incorporates the very latest in hygienic design concepts in order to fulfill the ever increasing customer demands for improved cleanability, hygiene and sterilizeability. This 316 stainless steel design uses a bi-wing rotor, which encompasses the very best features of tri-lobe rotor pumps and circumferential piston pumps. The pump is built upon Jabsco's 40 year experience of producing and supplying their Pureflo flexible impeller and 24 series rotary lobe pumps to the world's most demanding markets.

- Up to 180 GPM
- Up to 215 PSI
- 316SS construction
- 1 to 1 million CP viscosity
- Bi-wing "Scimitar" rotors
- Nitrile, Viton, EPDM, & PTFE elastomers
- Multiple seal options
- Hydraulic drive available (see page 106)



**OPTIONS**

● **SEALS**

**Front loaded single mechanical face type seals** of hygienic design. Materials include carbon, stainless steel, and silicon carbide.

**Low pressure flushed seals** utilize the same single mechanical seal with an additional housing. A low pressure flush liquid washes away crystallizing products or liquids which 'skin over'.

**Double mechanical seals** utilize all the components from single seals. Used for hazardous, toxic, highly abrasive, or sterile products.

**Front loaded single O-ring seals** – a low cost seal option used primarily for self lubricating products and products which contain little or no abrasives.

**Front loaded double O-ring seals** – suitable for pressurized grease or flushing with a suitable liquid to enable low cost sealing of high sugar confectionery and bakery products.

**Multiple PTFE lip seal** – complete with controlled release food grade grease injection system, the ideal sealing system for chocolate and other products sensitive to water flush.

● **CONNECTIONS**

All U.S. and European standards including DIN, SMS, RJT, IDF, Tri-Clamp, NPT & BSP. Most pumps available with 2 different sizes, all fully interchangeable.

● **ELASTOMERS**

Nitrile, Viton, EPDM, and PTFE product contact joints available in compounds conforming to 3A Sanitary Standard 18-03 and FDA title 21 section 177.2600.

● **OTHER OPTIONS**

Pump head temperature control jackets

Integral pressure relief valve

Enlarged ports

Electro-polish



Hy ~ Line						
PUMP MODEL	LH42	LH44	LH52	LH54	LH62	LH64
Port Size (inch)	1 or 1 1/2	1 1/2 or 2	1 1/2 or 2	2 or 3	2, 2 1/2 or 3	3 or 4
Displacement gal/100 rev	3.2	5.4	7	12	16.8	25
Maximum Flow U.S. GPM	32	54	67	115	121	180
Maximum Pressure PSI	215	115	215	115	215	115
Maximum Speed (RPM)	1000	1000	960	960	720	720
Dimensions LxWxH inches	11x9x8	11x9x8	15x10x10	15x10x10	17x11x12	18x12x12
Weight (bareshaft) lbs.	40	44	71	77	134	143
Temperature °F	-22 to 284					
Viscosity cP	1 to 1 million					

**FOR ENGINEERING AND PUMP SELECTION ASSISTANCE CALL DEPCO AT 1-800-446-1656**