



## UP TO 554 GPM, 217 PSI, TRI-LOBE & BI-LOBE SERIES

The Jabsco 24 series range of positive displacement rotary lobe pumps is a proven design spanning nearly 20 years. With thousands of pumps in use around the world, users agree that it is one of the best designed hygienic pumps on the market today. The 316 stainless steel 24 series pump range incorporates improved technology in hygienic pump design and manufacturing techniques, yet utilizes the traditional tri-lobe rotor concept which is so well accepted by the world's leading suppliers of food, personal care, and chemical products.

- Up to 554 GPM
- Up to 217 PSI
- 316SS construction
- 1 to 1 million CP viscosity
- Tri-lobe & Bi-lobe rotors available
- Nitrile, Viton, EPDM, PTFE & Kalrez elastomers
- Multiple seal options
- Hydraulic drive available (see page 106)

### OPTIONS

#### ● SEALS

**Single mechanical seals** are of hygienic design. Materials include carbon, stainless steel, tungsten carbide, 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. For hazardous, toxic, highly abrasive or sterile products.

**Gland packing** is a cost effective general purpose seal for non-hazardous liquids. Used on either a stainless steel or hard chrome plated anti-wear sleeve.

**O-ring seals** are another low cost seal option used primarily for self lubricating products such as dairy products.

#### ● ROTORS

**Tri-lobe rotors** in stainless steel handle 90% of all applications. The traditional combination of efficiency, solids handling, low and high viscous product capability.

**Bi-lobe rotors** in stainless steel provide exceptional handling of delicate, soft solids such as fruit pieces and vegetables.

**Rubber covered tri-lobe** rotor handles small hard solids such as small bone fragments or ice crystals.

#### ● CONNECTIONS

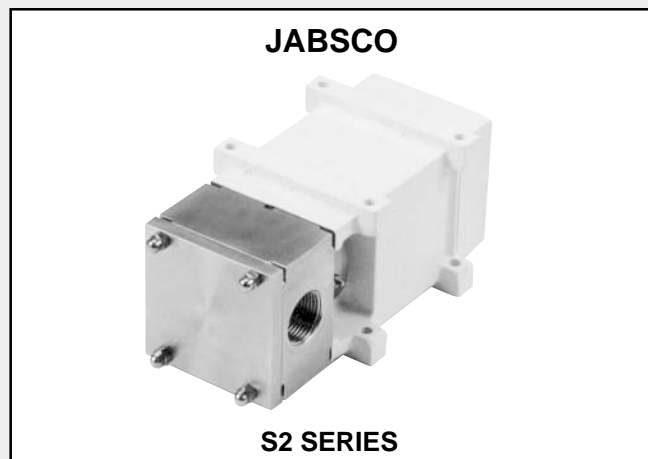
All U. S. and European standards including DIN, SMS, RJT, IDF, Tri-Clamp, NPT & BSP. Most pumps available with 2 different sizes, all fully interchangeable.

#### ● ELASTOMERS

Nitrile, Viton, EPDM, PTFE or Kalrez product contact joints are available.

#### ● OTHER OPTIONS

Pump head temperature control jackets	Hydraulic drive
Integral pressure relief valve	Rectangular inlet for "Hopper Feed"
Integral speed reduction unit	Enlarged ports
Electro-polish	



### 24 SERIES

PUMP MODEL	S2	A1	A2	B1	B2	C1	C2	D1	D2	E2
Port Size (inch)	1	1 or 1 1/2	1 1/2 or 2	1 1/2 or 2	2 or 3	2 or 3	3 or 4	3 or 4	4	6
Displacement gal/100 rev	0.94	2.8	4.9	6.5	9.9	16.5	24.7	32.2	42.5	92.4
Maximum Flow U.S. GPM	9.4	26	47	63	96	129	173	209	264	554
Maximum Pressure PSI	100	217	150	217	150	200	150	175	130	175
Maximum Speed (RPM)	1000	960	960	960	960	720	700	650	620	600
Dimensions LxWxH inches	10x6x4	14x8x8	15x8x8	17x9x9	18x9x9	21x11x13	22x12x13	25x13x14	26x14x14	31x17x17
Weight (bareshaft) lbs.	20	30	40	63	73	153	166	247	262	660
Temperature °F	-40 to 392									
Viscosity cP	1 to 1 million									