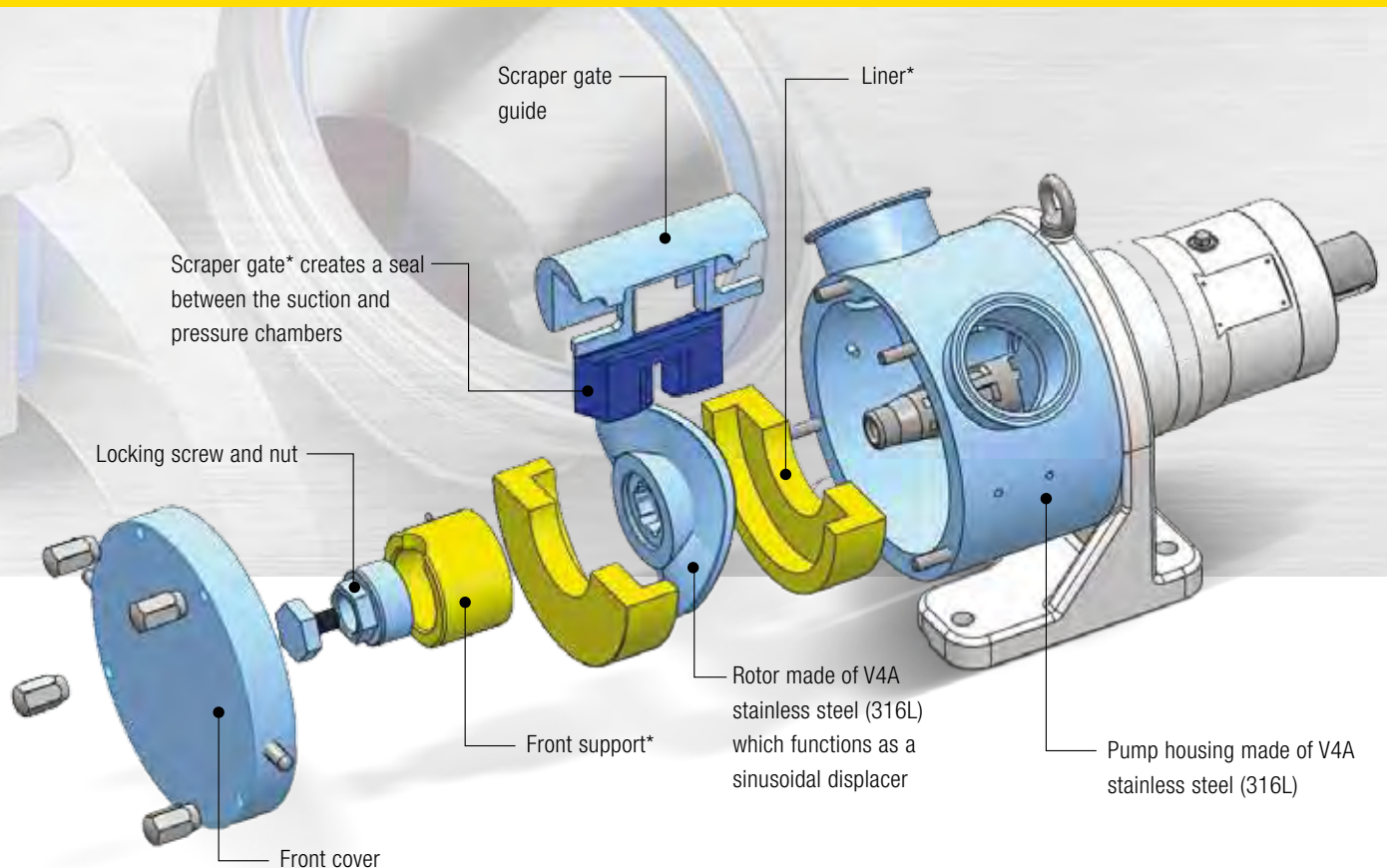


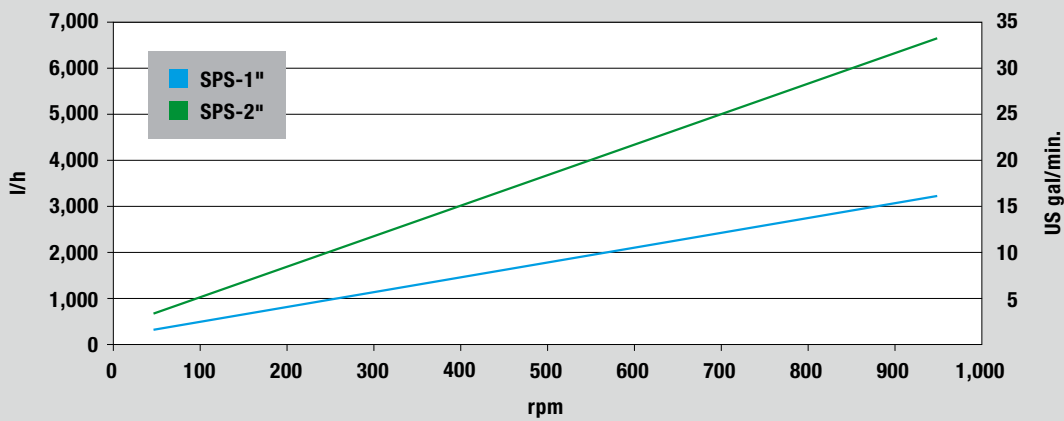
SPS PUMPS

Engineering and Technical Data



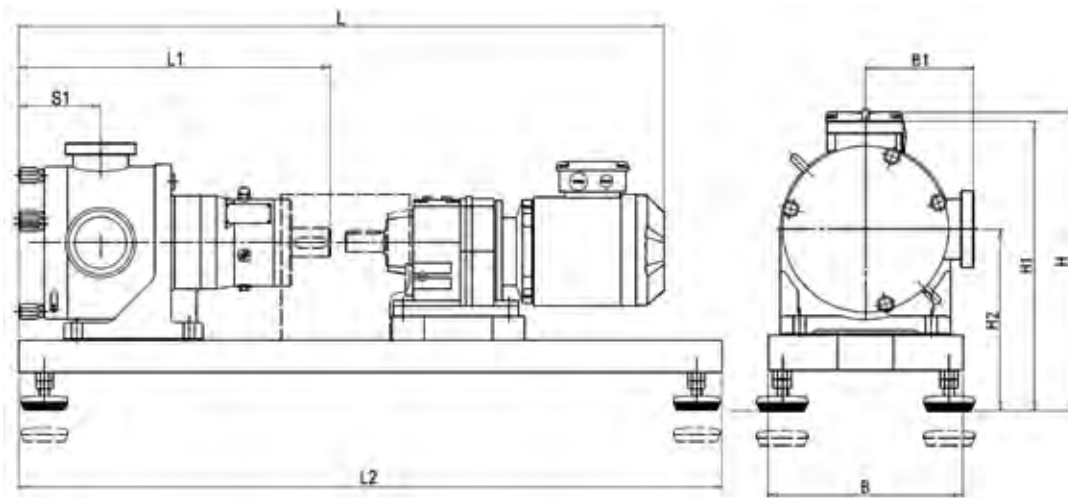
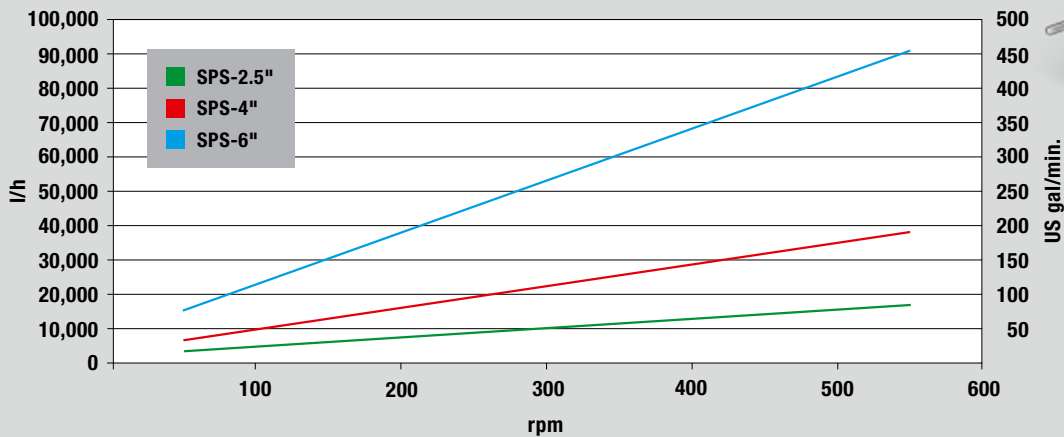
- Sanitary and industrial pump, up to 15 bar pressure
- Full Clean-In-Place and Steam-In-Place compliance
- All wetted metallic parts are made of V4A stainless steel (316L)
- Flexible configuration - drive, baseplate and casing are available in different materials to suit your application
- *Interchangeable materials to suit the duty fluid – alternative materials for liners, scrapers gates, front supports, O-rings and sealing systems
- A special heating and cooling retention front cover which maintains the duty fluid temperature is also available
- 20-year pump body guarantee

Technical Data															
model	maximum particle size		volume per revolution		speed	maximum flow		maximum pressure		maximum temperature		shaft diameter		shaft height	
	mm	inch	litre	US gallons	rpm	l/h	US gal/min	bar	psi	°C	°F	mm	inch	mm	inch
SPS-1"	10	0.39	0.053	0.02	1,000	3,180	14	10	145	140	284	18	0.71	72	2.83
SPS-2"	20	0.79	0.110	0.03	1,000	6,600	29	10	145	140	284	28	1.10	95	3.74
SPS-2.5"	30	1.18	0.450	0.12	600	16,200	71.3	15	218	140	284	45	1.77	150	5.91
SPS-4"	48	1.89	1.050	0.28	600	37,800	166.4	15	218	140	284	50	1.97	195	7.68
SPS-6"	60	2.36	2.500	0.67	600	90,000	396	15	218	140	284	65	2.56	235	9.25



Performance curves

This performance curve shows the theoretical flow. It is applicable when the product has a Newtonian viscosity of about 2,000 mPas. Above this the MasoSine pump works without slip.



Pump size

Model	L		L1		L2		S1		B		B1		H		H1		H2	
	min.		max.								min.		max.		min.		min.	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
SPS-1"	735	28.9	860	33.9	292	11.5	800	31.5	89	3.5	210	8.3	97	3.8	121	4.8	323	12.7
SPS-2"	740	29.1	960	37.8	345	13.6	800	31.5	95	3.7	210	8.3	106	4.2	137	5.4	336	13.2
SPS-2.5"	985	38.8	1,382	54.4	492	19.4	1,100	43.3	128	5.0	280	11.0	156	6.1	182	7.2	418	16.5
SPS-4"	1,235	48.6	1,805	71.1	619	24.4	1,300	51.2	169	6.7	380	15.0	192	7.6	208	8.2	505	19.9
SPS-6"	1,755	69.1	2,200	86.6	771	30.4	1,400	55.1	319	12.6	400	15.8	274	10.8	274	10.8	770	30.3

Watson-Marlow is a trademark of Watson-Marlow Limited. The information contained in this document is believed to be correct but Watson-Marlow Limited accepts no liability for any errors it contains, and reserves the right to alter specifications without notice. Please state the product code when ordering pumps and tubing.

**WATSON
MARLOW**
MasoSine

Watson-Marlow MasoSine
Postfach 100 • D-74360 Ilsfeld
Tel. +49 (0) 70 62 / 95 60-0 • Fax +49 (0) 70 62 / 6 45 93
E-Mail: info@masosine.de • www.masosine.com

Watson-Marlow ... Innovation in Full Flow