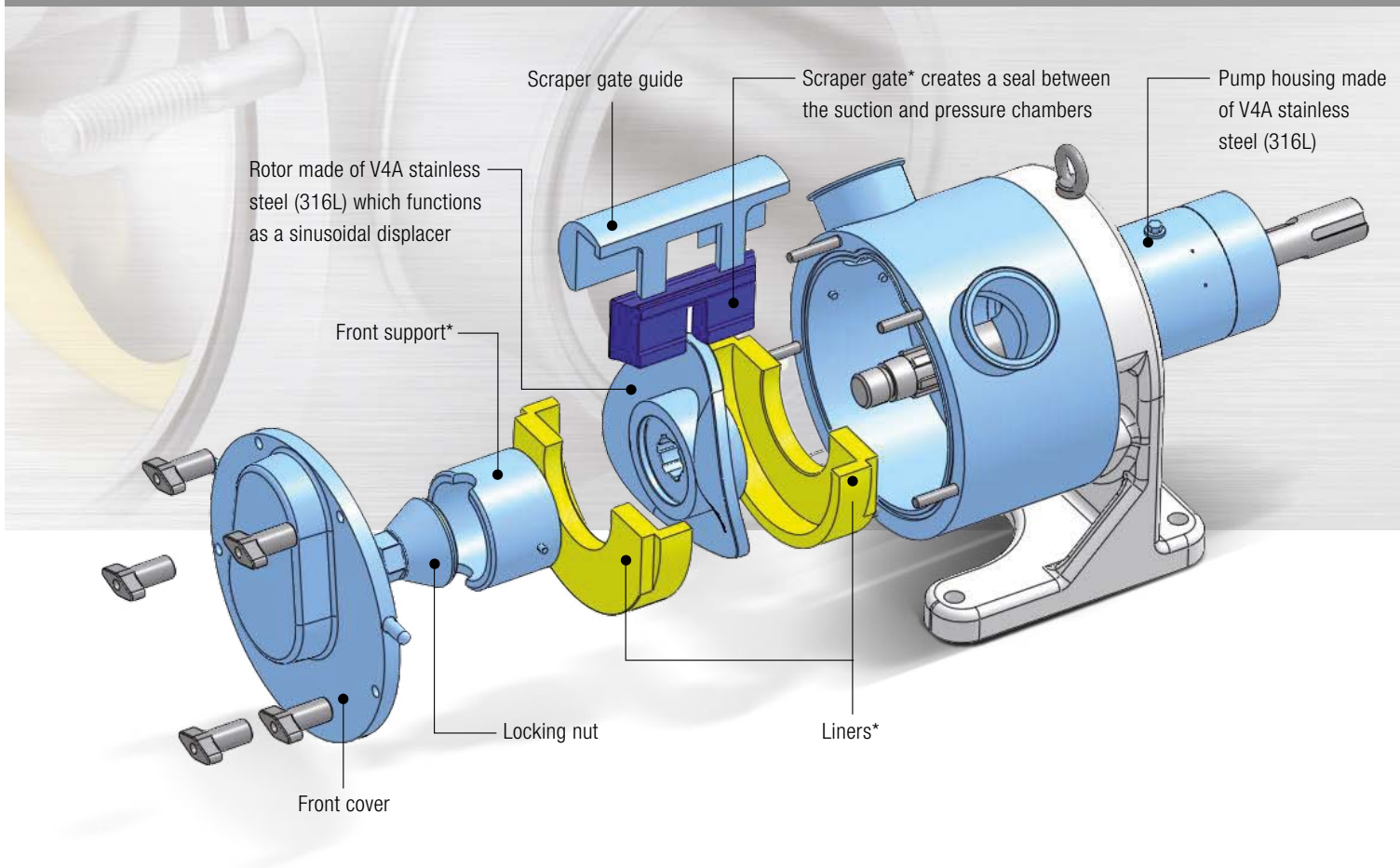


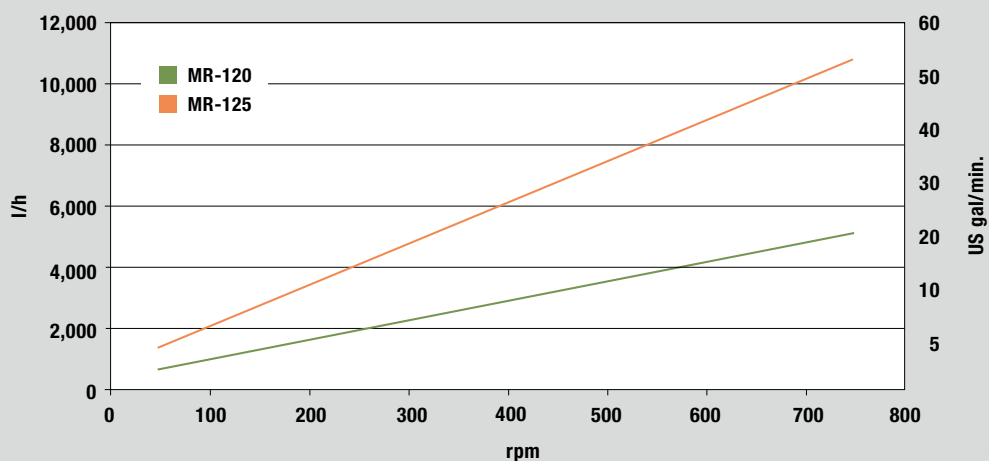
MR PUMPS

Engineering and Technical Data



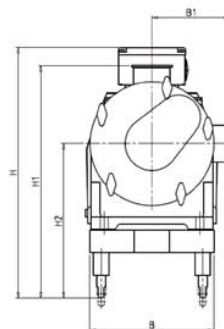
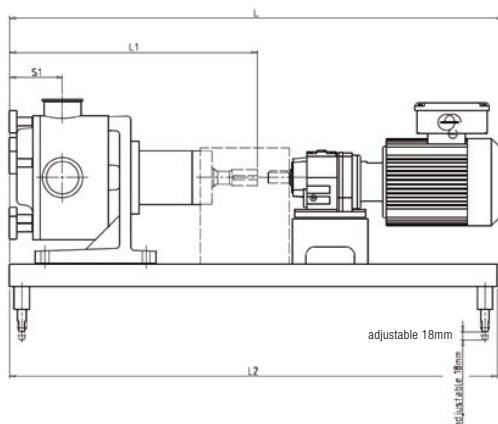
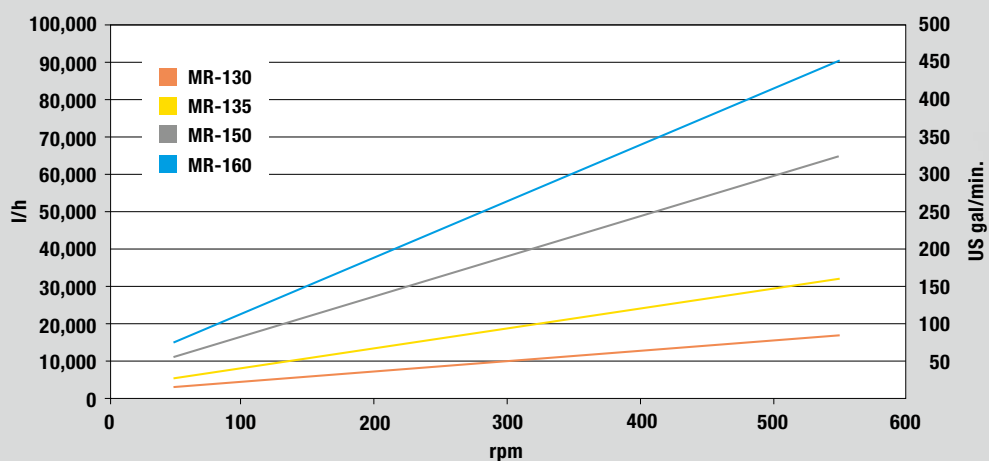
- High-throughput sanitary pump, up to 10 bar pressure
- Flexible configuration – drive, baseplate and casing are available in different materials to suit your application
- *Interchangeable materials to suit the duty fluid – alternative materials for liners, scraper gates, front supports, O-rings and sealing systems
- A special heating and cooling retaining front cover which maintains the duty fluid temperature is also available
- All wetted metallic parts are V4A stainless steel (316L)
- 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		l/h	US gal/min	bar	psi	°C	°F	mm	inch	mm	inch
MR-120	17	0.67	0.13	0.034	800	6,240	27.4	10	145	130	250	25	0.98	114	4.49
MR-125	22	0.87	0.24	0.063	800	11,520	50.5	10	145	130	250	25	0.98	146	5.75
MR-130	30	1.18	0.50	0.132	600	18,000	78.9	10	145	130	250	38	1.5	181	7.13
MR-135	36	1.42	0.94	0.247	600	33,840	148.4	10	145	130	250	38	1.5	193	7.60
MR-150	50	1.97	1.92	0.505	600	69,120	303.2	10	145	130	250	50	1.97	235	9.25
MR-160	60	2.36	2.75	0.724	600	99,000	434.2	10	145	130	250	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.	
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
MR-120	868	34.1	992	39.1	400	15.8	800	31.5	100	3.9	210	8.3	118	4.7	377	14.8	512	20.1
MR-125	865	34.1	1,084	42.7	421	16.6	800	31.5	107	4.2	210	8.3	133	5.2	384	15.1	530	20.9
MR-130	1,010	39.8	1,220	48.0	507	20.0	1,100	43.3	123	4.8	280	11.0	160	6.3	496	19.5	496	19.5
MR-135	1,110	43.7	1,365	53.7	559	22.0	1,100	43.3	119	4.7	280	11.0	176	6.9	524	20.6	564	22.2
MR-150	1,300	51.2	1,645	64.8	662	26.1	1,300	51.2	129	5.1	380	15.0	207	8.1	597	23.5	737	29.0
MR-160	1,302	51.3	2,100	82.7	686	27.0	1,400	55.1	234	9.2	400	15.8	270	10.6	660	26.0	859	33.8

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masosine
Process Pumps

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