

CENTURY III SERIES

PROGRESSING CAVITY PUMP

Design

Pin driven, industrial pump

Flow Rates

Flow capacities to 400 GPM/1.51m³/min.

Pressures

Pressures to 760 PSI/52.4 bar

Construction

Available in cast iron or stainless steel
(internally and externally)

DuraFlo™ Stator Elastomers and Temperature Capabilities

EPDM (70 durometer) 260°F/126°C

Buna (Nitrile) 50 Duro 210°F/100°C

Buna (Nitrile) 70 Duro food grade 210°F/100°C

Fluoroelastomer (70 durometer) 400°F/205°C

Nitrile (70 durometer) 210°F/100°C

Natural Rubber (55 durometer) 185°F/85°C

High Temperature Buna (Nitrile) 330°F/166°C

Application Versatility

- Tar
- Joint Cement
- Slurries
- Sheer Sensitive
Polymers
- Resins
- Sludge Transfer
- Grease and Scum
- Clay Slurry
- Calcium Carbonate
- Latex

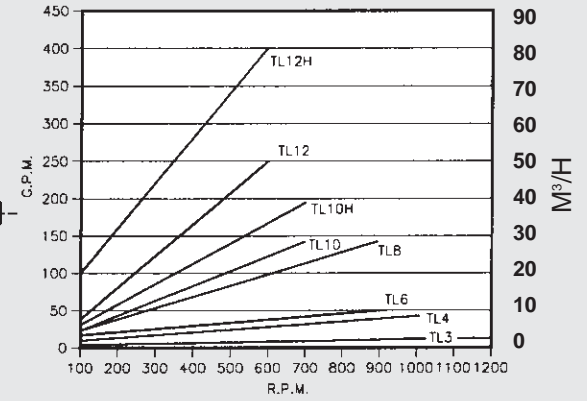
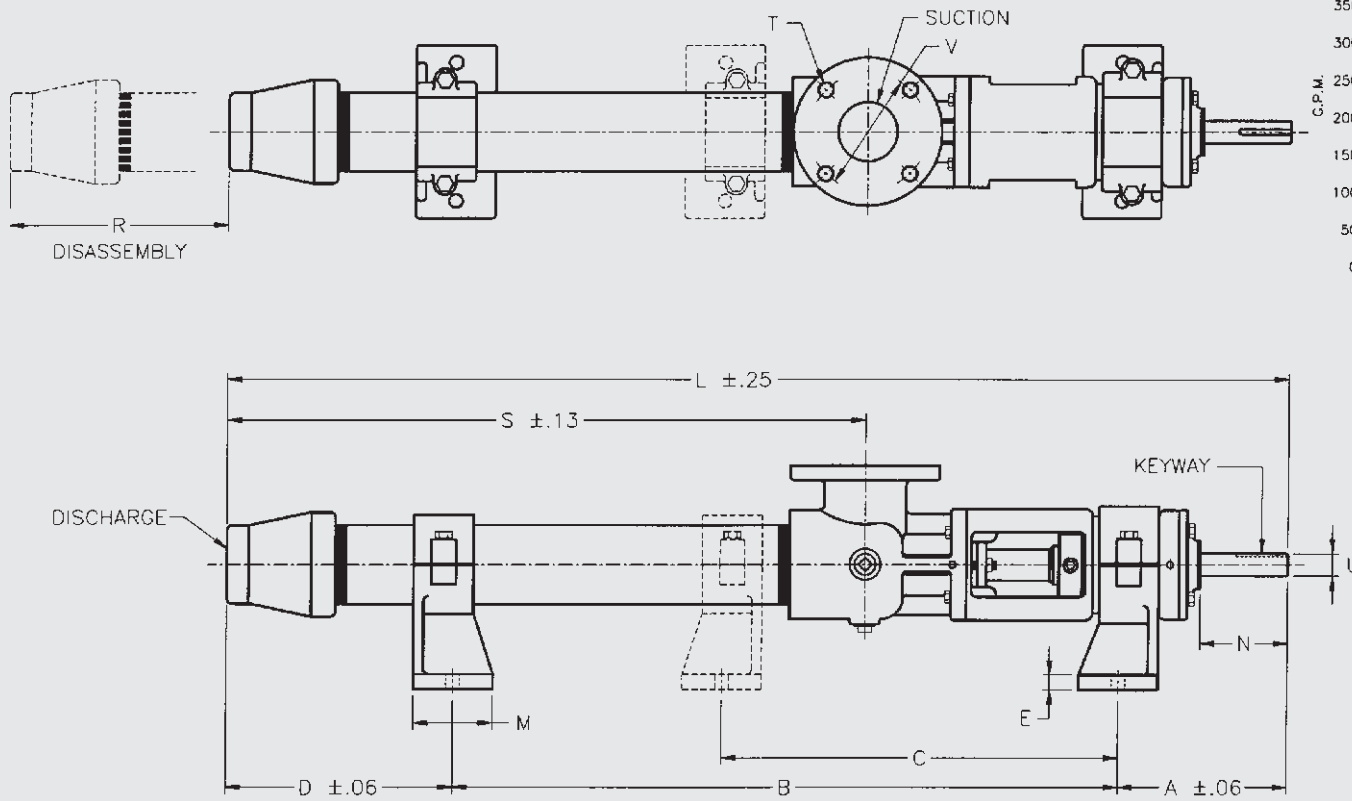
Markets Served

- Wastewater
- Chemical Processing
- Pulp & Paper
- Food Processing



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Dimensions (inches)

MODEL	GENERAL PUMP DIMENSIONS														DRIVE SHAFT			SUCTION			DISCHARGE
	A	B	C	D	E	H	I	J	K	L	M	R	S	W	U	N	KEYWAY	SIZE	T	V	PORT SIZE
1TL3	5.69	10.75	****	6.45	0.50	7.31	0.44	4.13	4.25	22.88	3.00	8.38	10.19	5.50	0.75	2.17	3/16x3/32	1.50	0.63 (4)	3.88	1.25 NPT
2TL3	5.69	13.00	****	9.50	0.50	7.31	0.44	4.13	4.25	28.19	3.00	8.38	15.50	5.50	0.75	2.17	3/16x3/32	1.50	0.63 (4)	3.88	1.25 NPT
3TL3	5.69	16.50	****	11.31	0.50	7.31	0.44	4.13	4.25	33.50	3.00	8.38	20.81	5.50	0.75	2.17	3/16x3/32	1.50	0.63 (4)	3.88	1.25 NPT
1TL4	7.00	16.00	****	7.19	0.65	9.88	0.56	5.50	5.50	30.19	3.00	11.38	13.00	7.00	0.94	3.00	1/4x1/8	2.50	0.75 (4)	5.50	2.00 NPT
2TL4	7.00	22.00	****	8.25	0.65	9.88	0.56	5.50	5.50	37.25	3.00	11.38	20.06	7.00	0.94	3.00	1/4x1/8	2.50	0.75 (4)	5.50	2.00 NPT
3TL4	7.00	22.88	****	14.50	0.65	9.88	0.56	5.50	5.50	44.38	3.00	11.38	27.19	7.00	0.94	3.00	1/4x1/8	2.50	0.75 (4)	5.50	2.00 NPT
1TL6	8.56	20.00	****	10.50	0.75	11.25	0.69	6.25	7.00	39.06	4.00	14.25	17.68	8.75	1.13	4.45	1/4x1/8	3.00	0.75 (4)	6.00	2.50 NPT
2TL6	8.56	26.00	****	15.13	0.75	11.25	0.69	6.25	7.00	49.69	4.00	14.25	28.31	8.75	1.13	4.45	1/4x1/8	3.00	0.75 (4)	6.00	2.50 NPT
3TL6	8.56	20.00	18.00	13.75	0.75	11.25	0.69	6.25	7.00	60.31	4.00	14.25	38.93	8.75	1.13	4.45	1/4x1/8	3.00	0.75 (4)	6.00	2.50 NPT
1TL8	9.25	27.00	****	9.63	1.25	14.00	0.88	8.00	9.00	45.88	5.00	18.38	19.98	11.56	1.38	4.56	3/8x3/16	4.00	0.75 (8)	7.50	4.00 NPT
2TL8	9.25	32.00	****	17.06	1.25	14.00	0.88	8.00	9.00	58.31	5.00	18.38	32.41	11.56	1.38	4.56	3/8x3/16	4.00	0.75 (8)	7.50	4.00 NPT
3TL8	9.25	25.00	24.00	12.44	1.25	14.00	0.88	8.00	9.00	70.69	5.00	18.38	44.79	11.56	1.38	4.56	3/8x3/16	4.00	0.75 (8)	7.50	4.00 NPT
1TL10	13.50	30.00	****	9.44	1.12	16.69	0.88	9.75	9.00	52.94	5.00	31.88	21.81	11.69	1.88	5.28	1/2x1/4	6.00	0.88 (8)	9.50	5.00 NPT
2TL10	13.50	35.50	****	14.31	1.12	16.69	0.88	9.75	9.00	63.31	5.00	31.88	32.19	11.69	1.88	5.28	1/2x1/4	6.00	0.88 (8)	9.50	5.00 NPT
3TL10	13.50	30.00	18.00	12.25	1.12	16.69	0.88	9.75	9.00	73.75	5.00	31.88	42.63	11.69	1.88	5.28	1/2x1/4	6.00	0.88 (8)	9.50	5.00 NPT
1TL10H	13.50	32.56	****	12.25	1.12	16.69	0.88	9.75	9.00	58.31	5.00	31.88	27.19	11.69	1.88	5.28	1/2x1/4	6.00	0.88 (8)	9.50	5.00 NPT
2TL10H	13.50	30.00	18.00	12.25	1.12	16.69	0.88	9.75	9.00	73.75	5.00	31.88	42.63	11.69	1.88	5.28	1/2x1/4	6.00	0.88 (8)	9.50	5.00 NPT
1TL12	18.19	36.92	****	14.50	1.19	21.00	1.00	12.50	12.63	69.61	6.00	37.75	31.00	14.50	2.25	6.00	1/2x1/4	8.00	0.88 (8)	11.75	6.00 NPT
2TL12	18.19	34.61	20.50	12.00	1.19	21.00	1.00	12.50	12.63	85.30	6.00	37.75	46.69	14.50	2.25	6.00	1/2x1/4	8.00	0.88 (8)	11.75	6.00 NPT
3TL12	18.19	41.54	27.00	14.13	1.19	21.00	1.00	12.50	12.63	100.86	6.00	37.75	62.25	14.50	2.25	6.00	1/2x1/4	8.00	0.88 (8)	11.75	6.00 NPT
1TL12H	18.19	44.73	****	14.50	1.19	21.00	1.00	12.50	12.63	77.43	6.00	37.75	38.81	14.50	2.25	6.00	1/2x1/4	8.00	0.88 (8)	11.75	6.00 NPT
2TL12H	18.19	41.54	27.00	14.13	1.19	21.00	1.00	12.50	12.63	100.86	6.00	37.75	62.25	14.50	2.25	6.00	1/2x1/4	8.00	0.88 (8)	11.75	6.00 NPT

Performance based on water at 68°F, with pressures up to 760 PSI.

**** NOT REQUIRED

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Dimensions (millimeters)

MODEL	GENERAL PUMP DIMENSIONS													DRIVE SHAFT			SUCTION			DISCHARGE	
	A	B	C	D	E	H	I	J	K	L	M	R	S	W	U	N	KEYWAY	SIZE	T	V	PORTSIZE
1TL3	144.5	273.1	****	164	12.7	186	11	105	108	581	76.2	213	259	139.7	19.1	55.1	***	1.5	***	98.6	***
2TL3	144.5	330.2	****	241	12.7	186	11	105	108	716	76.2	213	384	139.7	19.1	55.1	***	1.5	***	98.6	***
3TL3	144.5	419.1	****	287	12.7	186	11	105	108	851	76.2	213	529	139.7	19.1	55.1	***	1.5	***	98.6	***
1TL4	177.8	406.4	****	183	16.5	251	14	140	140	767	76.2	289	330	177.8	23.9	76.2	***	2.5	***	139.7	***
2TL4	177.8	558.8	****	210	16.5	251	14	140	140	946	76.2	289	510	177.8	23.9	76.2	***	2.5	***	139.7	***
3TL4	177.8	581.2	****	368	16.5	251	14	140	140	1127	76.2	289	691	177.8	23.9	76.2	***	2.5	***	139.7	***
1TL6	217.4	508.0	****	267	19.1	286	18	159	178	992	102	362	449	222.3	28.7	113.0	***	3	***	152.4	***
2TL6	217.4	660.4	****	384	19.1	286	18	159	178	1262	102	362	719	222.3	28.7	113.0	***	3	***	152.4	***
3TL6	217.4	508.0	457.2	349	19.1	286	18	159	178	1532	102	362	989	222.3	28.7	113.0	***	3	***	152.4	***
1TL8	234.9	685.8	****	245	31.8	356	22	203	229	1165	127	467	508	293.6	35.1	115.8	***	4	***	190.5	***
2TL8	234.9	812.8	****	433	31.8	356	22	203	229	1481	127	467	823	293.6	35.1	115.8	***	4	***	190.5	***
3TL8	234.9	635.0	609.6	316	31.8	356	22	203	229	1796	127	467	1138	293.6	35.1	115.8	***	4	***	190.5	***
1TL10	342.9	762.0	****	240	28.5	424	22	248	229	1345	127	810	554	296.9	47.8	134.1	***	6	***	241.3	***
2TL10	342.9	901.7	****	364	28.5	424	22	248	229	1608	127	810	818	296.9	47.8	134.1	***	6	***	241.3	***
3TL10	342.9	762.0	457.2	311	28.5	424	22	248	229	1873	127	810	1083	296.9	47.8	134.1	***	6	***	241.3	***
1TL10H	342.9	827.0	****	311	28.5	424	22	248	229	1481	127	810	691	296.9	47.8	134.1	***	6	***	241.3	***
2TL10H	342.9	762.0	457.2	311	28.5	424	22	248	229	1873	127	810	1083	296.9	47.8	134.1	***	6	***	241.3	***
1TL12	462.0	937.8	****	368	30.2	533	25	318	321	1768	152	959	787	368.3	57.2	152.4	***	8	***	298.5	***
2TL12	462.0	879.1	520.7	305	30.2	533	25	318	321	2167	152	959	1186	368.3	57.2	152.4	***	8	***	298.5	***
3TL12	462.0	1055.1	685.8	359	30.2	533	25	318	321	2562	152	959	1581	368.3	57.2	152.4	***	8	***	298.5	***
1TL12H	462.0	1136.1	****	368	30.2	533	25	318	321	1967	152	959	986	368.3	57.2	152.4	***	8	***	298.5	***
2TL12H	462.0	1055.1	****	359	30.2	533	25	318	321	2562	152	959	1581	368.3	57.2	152.4	***	8	***	298.5	***

Performance based on water at 20°C, with pressure up to 52.4 bar.

**** NOT REQUIRED

*** Please refer to inches dimension table

Stocking Distributors Nationwide:



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