

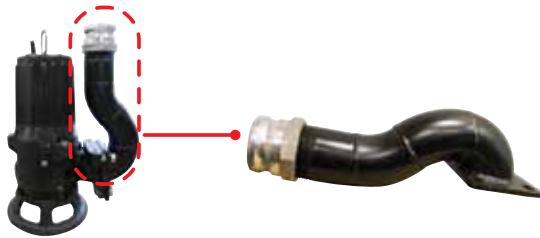
C Series

The Tsurumi **C SERIES** cutter pump was designed to resolve the all-too-common issue of clogging due to ragging. With more and more hygiene and cleaning products being considered “flushable,” these costly clogging issues are becoming more prevalent in municipal wastewater applications. However, the **C SERIES** have also been found to be extremely reliable in industrial, agricultural, processing plants, and many other markets as well.



Applications

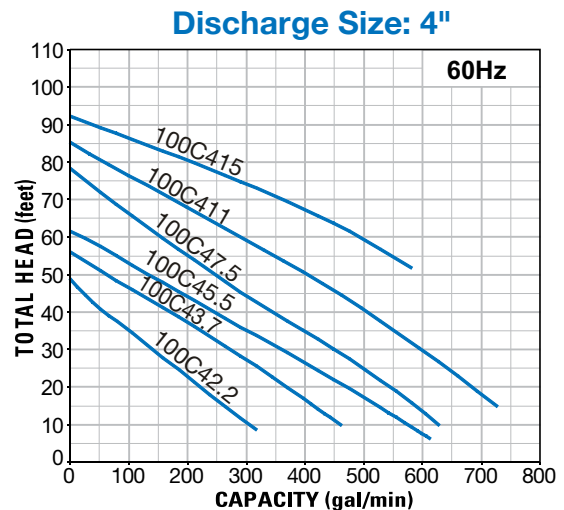
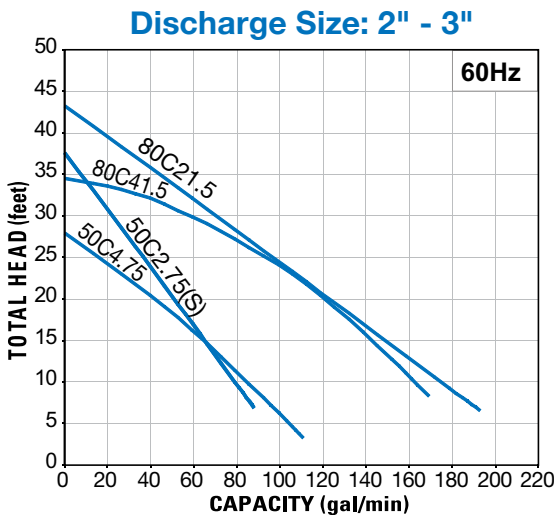
- Municipal Wet Well Lift Stations
- Municipal Dry Pit Stations
- Retail Stores / Restaurants
- Sewer Bypass
- Nursing Homes / Housing Developments
- Prisons
- Hospitals
- Pulp and Paper Mills
- Industrial Processing
- Oil Refining
- Food Processing
- Farming
- Campgrounds
- Hotels



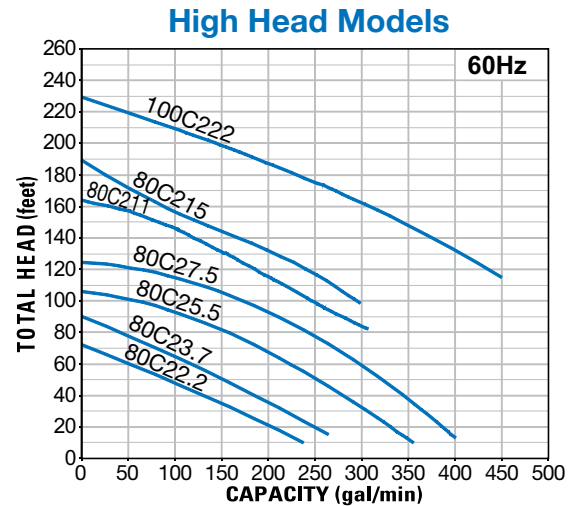
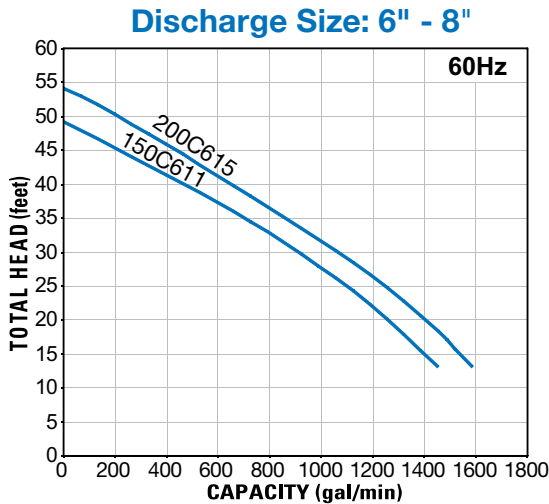
Optional Discharge with 3" & 4" Discharge Size

Reduced overall width allows pump to be used in confined areas, including sewer bypass applications. Please contact factory with specific applications. (Also available for other models)

Performance Curves



Performance Curves



Specifications

* Synchronous Speed

Single Phase Model	Motor Output (HP)	Rated Current (A)				*S.S. (RPM)	Discharge Size (in.)	Dimensions (in.)						Max. Solids Dia. (in.)
		115V		230V				Free Standing Models			TOS Guide Rail Models			
		A	B	C	D			E	F					
(TOS)50C2.75S	1	11.7	5.9			3600	2	15 15/16	9 13/16	20 9/16	24 7/16	9 13/16	22 5/16	0.827

Three Phase Model	Motor Output (HP)	Rated Current (A)				*S.S. (RPM)	Discharge Size (in.)	Dimensions (in.)						Max. Solids Dia. (in.)
		208V	230V	460V	575V			Free Standing Models			TOS Guide Rail Models			
		A	B	C	D			E	F					
(TOS)50C2.75	1	3.5	3.5	1.8	1.4	3600	2	15 15/16	9 13/16	16 5/16	24 7/16	9 13/16	18 1/16	0.827
(TOS)50C4.75	1	3.6	3.5	1.8	1.5	3600	2	16 13/16	11 3/16	19 5/8	25 5/16	11 3/16	21 9/16	1.02
(TOS)80C21.5	2	6.2	5.9	3.1	2.3	3600	3	17 9/16	9 13/16	21 1/8	26 5/8	9 13/16	23 1/16	1.18
(TOS)80C41.5	2	6.6	6.4	3.2	2.6	1800	3	19 5/8	12 7/16	22 10/16	28 11/16	12 7/16	23 7/8	1.26
(TOS)100C42.2	3	9.4	8.5	4.3	3.5	1800	4 or 3	24 3/16	12 3/4	24 1/4	30 1/16	12 3/4	24 13/16	1.73
(TOS)100C43.7	5	15.0	13.8	6.9	5.4	1800	4 or 3	24 3/8	13 1/8	27 3/16	30 1/4	13 1/8	27 9/16	2.17
(TOS)100C45.5	7.5	22.6	20.5	10.3	8.1	1800	4	27 13/16	16 1/8	35 3/4	36	15 1/8	35 11/16	1.57
(TOS)100C47.5	10	28.8	26.6	13.4	10.8	1800	4	27 13/16	16 1/8	36 9/16	36	15 1/8	36 1/2	1.57
(TOS)100C411	15	42.2	39.2	19.5	15.7	1800	4	28 11/16	16 15/16	39 3/8	36 15/16	16 15/16	39 5/16	1.97
(TOS)100C415	20	56.4	53.2	26.6	21.6	1800	4	28 5/8	17 3/16	42 1/2	36 7/8	16 11/16	42 7/16	1.57
(TOS)150C611	15	43	40	20	16	1200	6	41 1/16	23 11/16	47 11/16	48 3/8	22	46 5/16	3.62
(TO)200C615	20	58	52	26	21	1200	8	43 1/4	23 11/16	49 5/8	56 1/4	22	49 1/16	3.62

High-Head Model

Three Phase Model	Motor Output (HP)	Rated Current (A)				*S.S. (RPM)	Discharge Size (in.)	Dimensions (in.)						Max. Solids Dia. (in.)
		208V	230V	460V	575V			Free Standing Models			TOS Guide Rail Models			
		A	B	C	D			E	F					
(TOS)80C22.2	3	10.0	9.8	4.9	3.8	3600	3	21 1/8	10 1/4	24 1/16	27 5/16	10 1/4	25 3/16	0.787
(TOS)80C23.7	5	14.4	13.6	6.8	5.3	3600	3	21 1/8	10 1/4	24 1/16	27 5/16	10 1/4	25 3/16	0.866
(TOS)80C25.5	7.5	22.3	21.4	10.7	8.3	3600	3	24 15/16	13 9/16	34 5/8	31	12 5/8	35 1/2	0.906
(TOS)80C27.5	10	26.9	25.6	13.0	10.2	3600	3	24 15/16	13 9/16	34 5/8	31	12 5/8	35 1/2	0.906
(TOS)80C211	15	40.8	39.2	19.6	15.4	3600	3	24 15/16	13 9/16	36 1/2	31	12 5/8	36 7/16	0.984
(TOS)80C215	20	54	50	25	20.0	3600	3	28 3/4	16 15/16	42 11/16	37 1/8	16 15/16	42 3/4	1.02
(TOS)100C222	30	---	---	35	28	3600	3	33 3/4	20 1/16	46 5/8	40 3/8	20 1/16	46 5/8	1.02

Dimension: Free Standing

Dimension: Guide Rail Fitting (TOS)

