

BZ SERIES | Non-Clog Submersible Pump • Jacketed & Non-Jacketed

Highly reliable and durable, Tsurumi BZ Series pumps are designed and built for sound quality and continuous duty that can help you keep your systems - whether for wastewater drainage, pumping or flood control - running stably and greatly reduce your maintenance costs. As an option, the pumps can be adapted for seawater, high temperature liquids or other special application, paving the way for their use at shipyards and power plants for water intake and discharge.



100BZ47.5



250BZ455



200BZ622

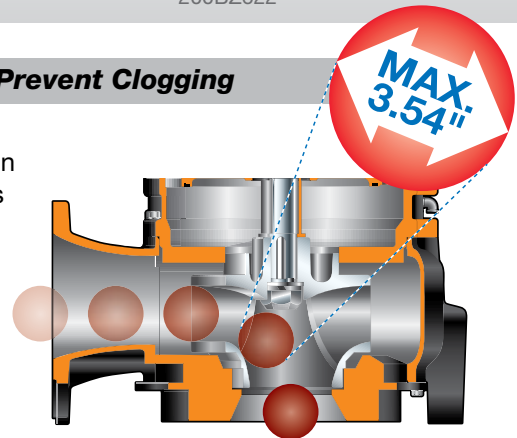
Shrouded Channel Impeller with Wide Passages to Prevent Clogging

– Over 3 Inches Passage –

BZ Series pumps come with wide passages of over 3 inches in diameter to minimize trouble due to clogged solids and fibrous matter. They adopt a shrouded single/two-channel impeller.



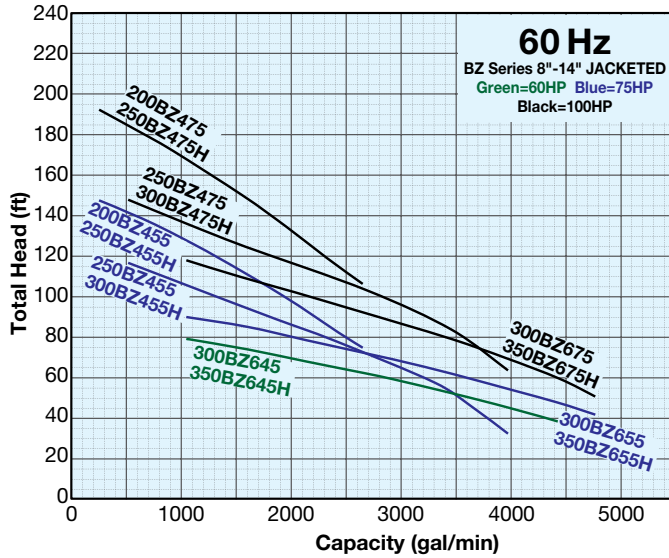
Shrouded Channel Impeller



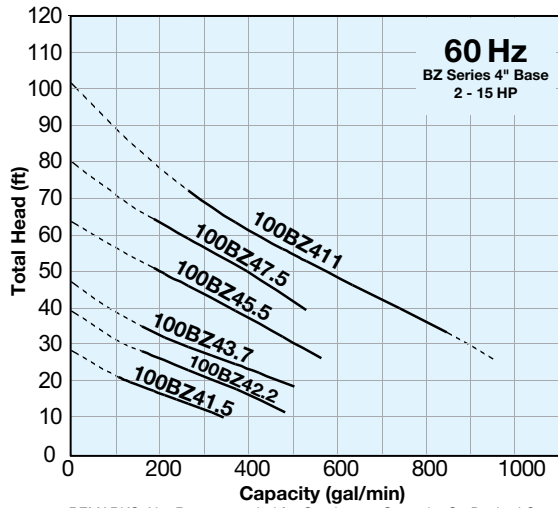
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Group Curves

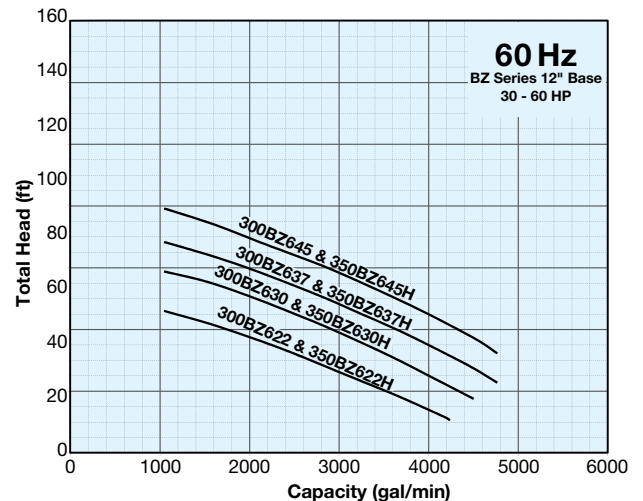
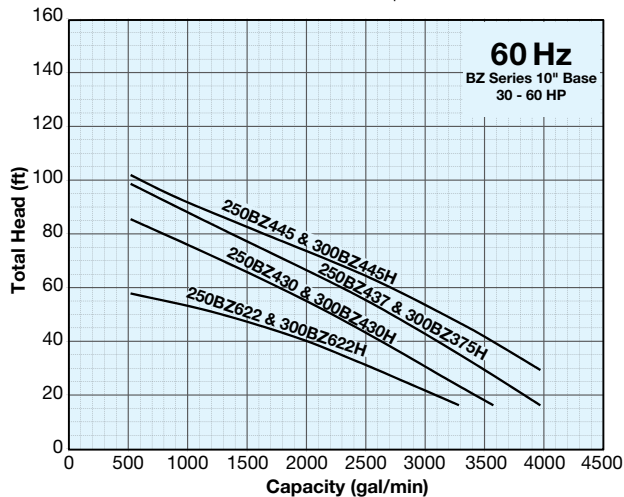
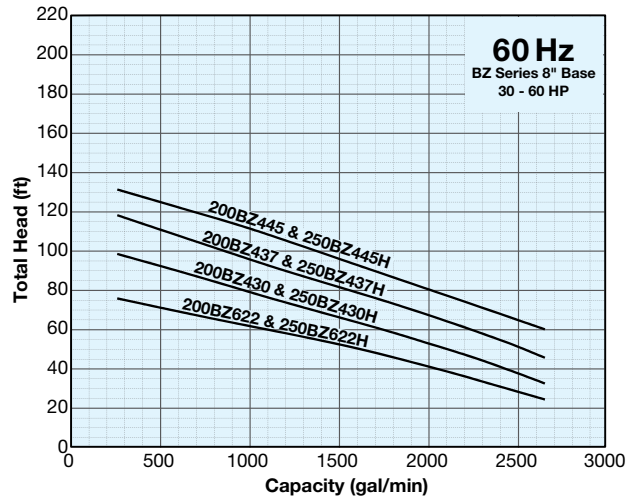
BZ Series: Jacketed



BZ Series: Non-Jacketed



REMARKS: Not Recommended for Continuous Operation On Dashed Curve.



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Specifications

BZ Series: Jacketed

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	
200BZ455	75	N/A	N/A	CF	CF	1800	8	47 9/16	29 15/16	68 3/8	57 1/2	26	64 13/16	3.00
250BZ455H	75	N/A	N/A	CF	CF	1800	10	51 11/16	29 15/16	68 3/8	62 3/16	26	63 3/4	3.00
200BZ475	100	N/A	N/A	CF	CF	1800	8	47 9/16	29 15/16	68 3/8	57 1/2	26	64 13/16	3.00
250BZ475H	100	N/A	N/A	CF	CF	1800	10	51 11/16	29 15/16	68 3/8	62 3/16	26	63 3/4	3.00
250BZ455	75	N/A	N/A	CF	CF	1800	10	48 5/8	28 1/2	70 15/16	59 13/16	25 1/16	65 9/16	3.15
300BZ455H	75	N/A	N/A	CF	CF	1800	12	50 11/16	28 1/2	70 15/16	63 1/2	25 1/16	66 1/2	3.15
250BZ475	100	N/A	N/A	CF	CF	1800	10	48 5/8	28 1/2	70 15/16	59 13/16	25 1/16	65 9/16	3.15
300BZ475H	100	N/A	N/A	CF	CF	1800	12	50 11/16	28 1/2	70 15/16	63 1/2	25 1/16	66 1/2	3.15
300BZ645	60	N/A	N/A	CF	CF	1200	12	54 9/16	31 1/2	72 5/8	66 9/16	26 3/4	67 5/8	3.54
350BZ645H	60	N/A	N/A	CF	CF	1200	14	59 3/8	31 1/2	72 5/8	69 1/2	26 3/4	69 7/16	3.54
300BZ655	75	N/A	N/A	CF	CF	1200	12	54 9/16	31 1/2	72 5/8	66 9/16	26 3/4	67 5/8	3.54
350BZ655H	75	N/A	N/A	CF	CF	1200	14	59 3/8	31 1/2	72 5/8	69 1/2	26 3/4	69 7/16	3.54
300BZ475	100	N/A	N/A	CF	CF	1800	12	54 9/16	31 1/2	72	65 7/8	26 3/4	67	3.54
350BZ475H	100	N/A	N/A	CF	CF	1800	14	59 3/8	31 1/2	72	68 7/8	26 3/4	68 3/4	3.54

* Synchronous Speed

BZ Series: Non-Jacketed

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	
100BZ41.5	2	8.0	8.0	4.0	3.0	1800	4	22 1/2	10 3/4	24 13/16	28 5/16	10 3/4	25 7/16	3.15
100BZ42.2	3	9.8	9.2	4.9	3.6	1800	4	22 1/2	10 3/4	24 13/16	28 5/16	10 3/4	25 7/16	3.15
100BZ43.7	5	15.0	14.2	7.3	5.4	1800	4	23 13/16	11 3/8	26 13/16	29 5/8	11 3/8	27 3/8	3.15
100BZ45.5	7.5	22.2	20.8	10.4	8.3	1800	4	29	16 9/16	36 7/16	37 3/16	16	36	3.15
100BZ47.5	10	29.8	28.0	14.0	11.5	1800	4	29	16 9/16	37 3/16	37 3/16	16	36 13/16	3.15
100BZ411	15	41.4	38.0	19.0	14.7	1800	4	29 7/16	16 15/16	40 1/4	37 5/8	16 7/8	40	3.15
200BZ622	30	N/A	N/A	CF	CF	1200	8	47 9/16	29 15/16	62 3/8	57 1/2	26	58 13/16	3.00
250BZ622H	30	N/A	N/A	CF	CF	1200	10	51 11/16	29 15/16	62 3/8	62 1/8	26	57 3/4	3.00
200BZ430	40	N/A	N/A	CF	CF	1800	8	47 9/16	29 15/16	59 3/16	57 1/2	26	55 1/2	3.00
250BZ430H	50	N/A	N/A	CF	CF	1800	10	51 11/16	29 15/16	59 3/16	62 1/8	26	54 1/2	3.00
200BZ437	50	N/A	N/A	CF	CF	1800	8	47 9/16	29 15/16	62 1/16	57 1/2	26	58 1/2	3.00
250BZ437H	50	N/A	N/A	CF	CF	1800	10	51 11/16	29 15/16	62 1/16	62 1/8	26	57 1/2	3.00
200BZ445	60	N/A	N/A	CF	CF	1800	8	47 9/16	29 15/16	62 3/8	57 1/2	26	58 13/16	3.00
250BZ445H	60	N/A	N/A	CF	CF	1800	10	51 11/16	29 15/16	62 3/8	62 1/8	26	57 3/4	3.00
250BZ622	30	N/A	N/A	CF	CF	1200	10	48 5/8	28 1/2	64 15/16	58 1/2	24 1/4	59 5/8	3.15
300BZ622H	30	N/A	N/A	CF	CF	1200	12	50 11/16	28 1/2	64 15/16	62 3/16	24 1/4	60 1/2	3.15
250BZ430	40	N/A	N/A	CF	CF	1800	10	48 5/8	28 1/2	61 13/16	58 1/2	24 1/4	56 7/16	3.11
300BZ430H	40	N/A	N/A	CF	CF	1800	12	50 11/16	28 1/2	61 13/16	62 3/16	24 1/4	57 3/8	3.11
250BZ437	50	N/A	N/A	CF	CF	1800	10	48 5/8	28 1/2	64 11/16	58 1/2	24 1/4	59 5/16	3.11
300BZ437H	50	N/A	N/A	CF	CF	1800	12	50 11/16	28 1/2	64 11/16	62 3/16	24 1/4	60 1/4	3.11
250BZ445	60	N/A	N/A	CF	CF	1800	10	48 5/8	28 1/2	64 15/16	58 1/2	24 1/4	59 5/8	3.11
300BZ445H	50	N/A	N/A	CF	CF	1800	12	50 11/16	28 1/2	64 15/16	62 3/16	24 1/4	60 1/2	3.11
300BZ622	30	N/A	N/A	CF	CF	1200	12	54 9/16	31 1/2	66	65 7/8	25 7/8	61	3.54
350BZ622H	30	N/A	N/A	CF	CF	1200	14	59 3/8	31 1/2	66	68 7/8	25 7/8	62 13/16	3.54
300BZ630	40	N/A	N/A	CF	CF	1200	12	54 9/16	31 1/2	66	65 7/8	25 7/8	61	3.54
350BZ630H	40	N/A	N/A	CF	CF	1200	14	59 3/8	31 1/2	66	68 7/8	25 7/8	62 13/16	3.54
300BZ637	50	N/A	N/A	CF	CF	1200	12	54 9/16	31 1/2	66	65 7/8	25 7/8	61	3.54
350BZ637H	50	N/A	N/A	CF	CF	1200	14	59 3/8	31 1/2	66	68 7/8	25 7/8	62 13/16	3.54

* Synchronous Speed

Dimension: Free Standing A / B / C

Dimension: Guide Rail Fitting (TO / TOS) D / E / F

